

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).
 The Royal Society of London.
 The Geological Survey of Canada, Dept. of Natural Resources.
 The University of Bergen, Norway.
 National Defence Research Establishment, Sweden.
 The Royal Netherlands Meteorological Institute.
 The Seismological Institute, National Observatory of Athens, Greece.
 Russian Academy of Sciences.
 Institute of Geological and Nuclear Sciences Ltd., New Zealand.
 Geological Survey of Denmark and Greenland (GEUS)
 India Meteorological Department.
 Geophysical Institute of Israel.
 The Institute for Meteorology, Portugal.
 The Swiss Academy of Sciences.
 GeoForschungsZentrum Potsdam, Germany.
 The Japan Meteorological Agency.
 Institut National des Sciences de l'Univers, France.
 Geoscience Australia.
 Bundesanstalt für Geowissenschaften und Rohstoffe, Germany.
 The University of Helsinki, Finland.
 Academy of Sciences of the Czech Republic.
 Bundesministerium für Bildung, Wissenschaft und Kultur, Austria.
 The Hungarian Academy of Sciences.
 Council for Geoscience, South Africa.
 Instituto Geografico Nacional, Spain.
 The Icelandic Meteorological Office.
 China Earthquake Administration.
 NTN/NORSAR, Norway.
 Dublin Institute for Advanced Studies, Ireland.
 Environmental Agency of Slovenia.
 Observatoire Royal de Belgique.

Natural Resources Authority, Jordan.
 Incorporated Research Institutions for Seismology, U.S.A.
 Institute of Geophysics, National University of Mexico.
 National Earthquake Information Center, U.S. Geological Survey, U.S.A.
 Geological Survey Department, Cyprus.
 National Institute for Earth Physics, Romania.
 Istituto Nazionale di Geofisica e Vulcanologia, Italy.
 Seismology Research Centre, Australia.
 British Geological Survey, U.K.
 University of Texas at Austin, U.S.A.
 LDG, Bruyeres-le-Chatel, France.
 Korea Meteorological Administration.
 Institute of Earth Sciences, Academia Sinica, Chinese Taipei.
 Kandilli Observatory and Earthquake Research Institute, Turkey.
 OGS, Trieste, Italy.
 NRIAG, Cairo, Egypt.
 University of the West Indies, Jamaica.
 Institute of Geophysics, Polish Academy of Sciences.
 Uppsala Universitet, Sweden.
 AWE Blacknest
 University of West Indies, Trinidad and Tobago
 Iraqi Meteorological Organization and Seismology
 Japan Agency for Marine-Earth Science and Technology, Japan.
 Earthquake Research Institute, University of Tokyo, Japan.
 Puerto Rico Seismic Network, University of Puerto Rico, U.S.A.
 Soreq Nuclear Research Center, Israel.
 Disaster and Emergency Management Presidency, Turkey.
 CRAAG, Algeria.
 University of Melbourne, Australia.
 INPRES, Argentina.
 Centre of Geophysical Monitoring, Belarus.

SPONSORS

REF TEK, Texas, 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 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.

2011 AUG

1

ATH 01 00:04:59.3,36.86N,26.39E,h30km,5km,ML2.0/2,Error ellipse: s-maj=7.8km s-min=1.3km az=358.0 CSEM 01 00:05:00.9,0.2,36.91N,26.42E,h30km,ML2.0,Error ellipse: s-maj=7.0km s-min=4.0km az=168.0 ISK 01 00:05:11.0,36.06N,27.88E,h5km,MD2.7 ISC 01 00:04:59.2,1.2,36.89N,26.47E,0.03,h27km,1.3km,n38,r175/54,Dodecanese Islands

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

Table with columns: THZ, KHZ, NFK, etc. Lists station names and their associated data points.

Table with columns: FITZ, CASY, NWAO, etc. Lists station names and their associated data points.

0h

Table with columns: FITZ, CASY, NWAO, etc. Lists station names and their associated data points.

1d 3h

Table of station data for the first column, including call signs like TRF, PMR, MCK, SML, etc., and their associated coordinates and status.

2011 AUG

Table of station data for the second column, including call signs like NOA, IKP, BC3, IRM, etc., and their associated coordinates and status.

6

Table of station data for the third column, including call signs like JAY, FAKI, FAKI, etc., and their associated coordinates and status.

Technical notes and identifiers including IDs like IDC 01, DJA 01, MOS 01, ISCB 01, BUJ 01, NEIC 01, and ISC 01, along with their corresponding coordinates and parameters.

Table with columns: ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ELSON Array, WMIQ, and various other locations.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like IXPACO, CUSMA, RBDL, and various other locations.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Z40A, TXAR, TXAR, and various other locations.

KRSC 01 03:17:30.8±1.0, 52.556N, 160.52E, h16km±9km, ML3.8, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like SPN, NLC, UGLR, and various other locations.

ISC 01 03:28:36.5±0.7, 13.83N, 0.09, 90.72W, 0.06, h73km±236, r155/243, mb4.3/2, 2C-2D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like IXC, CUSMA, RBDL, and various other locations.

ISC 01 03:28:37.5±2.4, 14.12N, 90.40W, h86km±20km, mb3.6/7, mb1.3/7.9, mb1mx3.5/46, mbtmp3.9/9, Error ellipse: s-maj=36.2km s-min=16.1km az=39.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Z40A, TXAR, TXAR, and various other locations.

ISC 01 03:28:37.5±0.5, 13.80N, 90.77W, h76km±5km, MD4.1, ML3.8, mb4.3/NEIC

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like SPN, NLC, UGLR, and various other locations.

NEIC 01 03:28:39.8±1.2, 9km s-min=7.9km az=217.0, Error ellipse: s-maj=12.9km s-min=7.9km az=217.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like IXC, CUSMA, RBDL, and various other locations.

NEIC Felt [I] at Antigua Guatemala. Also felt at Guatemala, Mazatenango and San Marcos La Laguna.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Z40A, TXAR, TXAR, and various other locations.

S44A	Carbondale	23.80	3	P	P	03 33 41.6	-1.0
S34C	McClaskey Farm	23.81 47	P	P	03 33 40.9	-1.9	
SIUC	Southern Hill	23.82	3	eP	P	03 33 42.1	-0.8
S38A	Stockton	23.87 354	P	P	03 33 41.7	-1.6	
S39A	Bolivar	23.88 355	P	P	03 33 41.6	-1.8	
S37A	Fort Scott	24.11 352	P	P	03 33 44.1	-1.4	
T33A	Patterson Ranch	24.11 345	P	P	03 33 44.3	-1.1	
S36A	Lake Cedric, C	24.19 351	P	P	03 33 44.7	-1.5	
USIN	University of	24.19	6	eP	P	03 33 46.0	-0.2
S35A	Otter Creek Ra	24.27 349	P	P	03 33 45.6	-1.4	
121A	Cookes Peak, D	24.28 323	P	P	03 33 47.4	+0.1	
R38A	Fenwick Farm,	24.42 354	P	P	03 33 46.8	-1.4	
S34A	Willow Spring	24.45 348	P	P	03 33 47.1	-1.4	
WCI	Wyandotte Cave	24.62	8	eP	P	03 33 48.6	-1.4
WCI				eP	pP	03 34 09.0	+1.8
R35A	Emporia Municipi	24.88 350	P	P	03 33 52.2	-0.3	
R34A	Isabella, Hill	25.05 348	P	P	03 33 54.1	0.0	
Q38A	Cookes Store, C	25.16 355	P	P	03 33 55.3	+0.3	
R33A	Olander Ranch,	25.22 346	P	P	03 33 55.9	+0.3	
Q35A	Merper Eighty,	25.37 350	P	P	03 33 57.3	+0.3	
Q34A	Chapman	25.59 349	P	P	03 33 58.4	-0.5	
TUC	Tucson	25.98 318	P	P	03 34 05.2	+2.7	
Q32A	Mettler Ranch,	26.00 346	P	P	03 34 03.4	+0.7	
Q35A	Humboldt	26.73 351	P	P	03 34 08.3	-0.9	
214A	Organ Pipe Nat	27.10 315	P	P	03 34 13.6	+0.9	
AC30	Alum Creek Sta	27.16	13	eP	P	03 34 11.3	-1.8
X16A	Lo Mia Camp, P	27.78 321	eP	P	03 34 21.0	+2.1	
K39A	Delwein	28.79 358	P	P	03 34 26.6	-0.9	
J37A	Redenius Farm,	29.48 356	P	P	03 34 32.9	+0.7	
MTPU	Mount Pierson	30.74 326	eP	P	03 34 47.8	+2.6	
SPMN	Marine on St,	31.34 357	P	P	03 34 48.1	-1.9	
SPMN	Marine on St,	31.34 357	eP	P	03 34 48.2	-1.9	
E35A	Pequot Lakes	32.77 355	P	P	03 35 01.1	-1.5	
PDAR	Pinedale Array	33.10 334	P	P	03 35 05.9	+0.1	
D37A	Cotton	33.23 358	P	P	03 35 04.2	-2.6	
D35A	Remer	33.27 356	P	P	03 35 04.2	-2.6	
D36A	Goodland	33.31 357	P	P	03 35 04.7	-2.5	
D34A	Park Rapids	33.36 354	P	P	03 35 05.3	-2.5	
D33A	AnnSam, Waubun	33.48 354	P	P	03 35 06.7	-2.1	
PKM	Mpherson Peak	33.59 314	P	P	03 35 10.9	+0.8	
VES	Vestal, Richgr	33.60 316	P	P	03 35 11.2	+1.3	
C36A	Pine Crest Far	33.87 357	P	P	03 35 09.9	-2.2	
C35A	Jirik Farms, M	33.88 356	P	P	03 35 09.7	-2.5	
C34A	RKJ Ranch, Bem	33.90 355	P	P	03 35 10.0	-2.4	
REDW	Red Top Meadow	34.14 333	eP	P	03 35 14.8	0.0	
MLAC	Mammoth, Mammo	34.45 319	P	P	03 35 16.3	-1.3	
AGMN	Agassiz Nation	34.63 354	P	P	03 35 16.5	-2.2	
AGMN	Agassiz Nation	34.63 354	eP	P	03 35 16.6	-2.2	
B34A	Aery, Baudette	34.71 355	P	P	03 35 16.8	-2.5	
MDND	Maddock	34.71 349	P	P	03 35 17.2	-2.3	
B32A	Ashes, Strandq	34.80 353	P	P	03 35 17.9	-2.2	
TVH1	TV Hill, Hawth	34.90 320	eP	P	03 35 23.5	+1.9	
B31A	Greenbush Farm	34.97 352	P	P	03 35 18.8	-2.8	
A33A	Warroad	35.22 355	P	P	03 35 21.5	-2.2	
YERR	Yerington	35.51 320	eP	P	03 35 28.6	+2.0	
PAHR	Pah Rah Range	36.04 321	eP	P	03 35 33.1	+2.0	
CMHT	McKenzie Canyo	36.18 333	eP	P	03 35 33.3	+1.0	
ULM	Lac du Bonnet	36.56 354	P	P	03 35 31.4	-3.8	
F10A	Beach Ranch, E	39.06 330	eP	P	03 35 55.9	-0.6	
J04D	Umpqua Nations	39.82 324	P	P	03 36 03.8	+0.9	
SIV	San Ignacio	41.67 134	P	P	03 36 17.6	-0.6	
SCHO	Schefferville	44.96 19	P	P	03 36 40.8	-3.4	
LCO	Las Campanas	46.78 156	eP	P	03 37 01.2	+2.0	
YKA	Yellowknife Ar	51.48 346	P	P	03 37 32.6	-1.7	
ILAR	Eielson Array	63.49 337	P	P	03 38 56.5	-2.2	
LZH	Lanzhou	128.48 345	ePKP	PKPpdf	03 47 34.6	-1.2	
LZH			pPKP	PKP	03 47 59.5	+2.9	
LZH			SPKP	PKP	03 48 10.7		
LZH	comp=N,120nm,18.0s			LR	LR		
LZH	comp=E,93nm,18.1s			LR	LR		
LZH	comp=Z,150nm,20.2s			LR	LR		

CANA	Caviahue	2.47 104	eP	Pn	03 40 19.8	-1.6
VLCH	Valdivia	2.54 165	eS	Sn	03 40 56.2	+5.9
TALC	Talca	2.76 146	iS	Pn	03 40 17.1	-4.5
TALC		4.38 142	eS	Pn	03 40 25.8	+2.0
PLCA	Paso Flores	4.38 142	eS	Pn	03 40 44.2	-3.1
PLCA	comp=N,1.4nm,0.3s,baz=321,slow=13,SNR=19		Lg	Lg	03 41 50.0	
PLCA	comp=N,4.8nm,0.3s,baz=73,slow=23,SNR=6.9		LR	LR	03 42 03.3	
PLCA	Paso Flores	4.38 142	eS	Pn	03 40 43.5	-3.8
PLCA		4.38 142	eS	Pn	03 41 42.6	+5.6
PLCA			IAML		03 42 10.1	
ROCI	El Roble	5.04 31	eP	Pn	03 40 55.5	-1.3
ROCI			eS	Sn	03 41 54.0	+0.1
ROCI			ePn	Pn	03 40 55.7	-1.1
AAGR	Agrelo	6.05 47	eP	Pn	03 41 10.8	+0.2
ARCO	CERRO ARCO	6.17 45	eP	Pn	03 41 12.1	-0.2
ARCO			IAML		03 41 39.5	
AUSP	Uspallata	6.41 39	eP	Pn	03 41 15.7	-0.1
ASAL	Salagastia	6.41 44	eP	Pn	03 41 15.2	-0.4
RTLS	Leontico	6.80 37	eP	Pn	03 41 21.1	0.0
RTVC	Cent Valdivia	7.13 42	eP	Pn	03 41 21.1	+1.3
ACAN	Cantantal	7.60 50	eP	Pn	03 41 30.7	-1.2
ACCO	Cerro Coronel	7.93 33	eP	Pn	03 41 35.4	-1.2
AROD	Rodeo	8.13 30	eP	Pn	03 41 39.7	+0.4
ACDV	Cuesta del Vie	8.27 31	eP	Pn	03 41 40.0	-1.1
AVFE	Valle Fertil	8.65 41	eP	Pn	03 41 43.7	-2.6
AVFE			IAML		03 43 52.7	
ACHE	Chepes	8.71 47	eP	Pn	03 41 44.2	-3.0
LCO	Las Campanas	8.78 20	ePn	Pn	03 41 46.0	-2.3
LCO			eS	Sn	03 43 24.0	-2.2
AGUA	GUANDACOL	9.13 32	eP	Pn	03 41 51.6	+1.3
TRQA	Toruquiu	9.63 98	ePn	Pn	03 41 57.3	-2.3
CHRN	Cochrane	9.96 174	ePn	Pn	03 42 02.0	-2.0
PB04	IPOC Station P	15.35 14	ePn	P	03 43 23.1	+1.1
LVC	comp=2.69nm,0.9s	15.35 18	Pn	Pn	03 43 17.8	-0.2
LVC	comp=2.7,6nm,0.3s,baz=202,slow=7.9,SNR=3.2		Lg	Lg	03 47 39.9	
LVC	comp=Z,3.0nm,0.3s,baz=288,slow=20,SNR=2.2		Lg	Lg	03 43 15.8	-2.1
LVC	comp=2.2nm,1.1s	15.35 18	eP	Pn	03 47 39.9	
LVC	IPOC Station P	16.73 15	ePn	P	03 43 38.6	+1.3
CPUP	Villa Frida	17.96 57	P	Pn	03 43 48.7	-1.7
LPZP	La Paz	21.63 16	eP	P	03 44 33.4	+2.0
LPZP	comp=2.15nm,1.1s,baz=174,slow=8.1,SNR=21.1		P	P	03 44 34.1	+2.7
LPZP	La Paz	21.63 16	eP	P	03 44 56.8	0.0
SIV	San Ignacio	24.19 32	P	P	03 45 45.5	+0.1
SAML	Samuel	29.95 22	eP	P	03 45 48.5	+0.1
PTGA	Pitinga	38.70 23	P	P	03 47 04.0	-0.1
PTGA	comp=2.0nm,0.9s,baz=169,slow=5.5,SNR=6.3		P	P	03 47 04.4	+0.3
RUSC	La Rusia	43.02 1	eP	P	03 47 42.6	+2.2
HELCO	comp=2.2,4nm,0.7s	43.33 358	eP	P	03 47 44.9	+2.2
SDV	Santo Domingo	46.10 5	P	P	03 48 05.4	0.0
SDV	comp=2.3,6nm,1.0s,baz=58,slow=13,SNR=3.6		P	P	03 48 25.7	-1.8
SNAE	Sanae	49.15 157	eP	P	03 48 55.9	+0.1
QSPA	South Pole Qui	52.90 180	eP	P	03 50 18.4	-1.1
SYO	Syowa Base	63.38 158	eX	pP	04 20 01.1	
MAW	Mawson	70.44 164	LR	LR		
TXAR	Lajitas Array	71.89 333	eP	P	03 51 06.1	+3.0
TXAR	comp=2.0nm,0.8s,baz=169,slow=5.6,SNR=3.6		P	P	03 51 11.2	+1.6
SWET	Seawane	73.03 350	eP	P	03 51 11.1	+1.3
CPCT	Cooper Cave	73.07 351	eP	P	03 51 18.0	+1.5
WWT	Waverly	74.21 348	eP	P	03 51 34.8	-0.5
LIC	Lamto	77.41 72	eP	P	03 51 37.2	+0.3
TIC	Toumoudi	77.68 72	eP	P	03 51 36.9	-0.1
KIC	Kosan Boka	77.71 72	eP	P	03 51 37.8	+0.2
DBIC	Dimbokro	77.72 72	P	P	03 51 48.7	-0.8
BOSA	Boshof	79.19 118	P	P	03 52 01.9	-0.5
LBTB	Labatse	82.15 116	eP	P	03 52 01.9	-0.5
ECSD	comp=2.8,2nm,0.8s	83.25 344	eP	P	03 52 05.4	-0.7
ECSD	comp=Z,9.3nm,1.1s		P	P	03 52 23.4	+3.0
PDAR	Pinedale Array	86.03 335	P	P	03 58 21.4	-0.2
GERES	GERES Array B	115.67 47	PKP	PKPpdf	03 58 21.4	-0.2
CLL	Collim	116.42 44	Lm	MLR	04 00 00.0	
BRTR	Keskin Array B	124.87 64	PKP	PKPpdf	03 58 38.8	-0.9
AKASG	Malin Array Be	126.66 50	PKP	PKPpdf	03 58 39.3	-1.3
ABKAR	Abkular array	145.01 55	ePKPbc	PKPbc	03 59 16.1	+0.1
BRVK	Borovyoye	150.76 46	ePKPbc	PKPbc	03 59 29.1	-2.3
BVAR	Borovyoye Array	150.84 46	ePKPbc	PKPbc	03 59 32.5	+0.9
KSH	Kashi	156.50 75	ePKP	PKP	03 59 34.2	-0.5
KSH			ePKP	PKPpdf	03 59 45.7	-0.4
KSH			ePKP	PKP	03 59 48.1	+1.5
KSH			SKS	SKSdf	04 06 35.8	-2.4
ZALV	Zalesovo Beam	157.94 34	PKP	PKP	03 59 34.1	-1.7
ZALV	comp=2.1,3nm,0.9s,baz=258,slow=5.9,SNR=3.9		PKP	PKP	04 00 10.0	+0.9
MKAR	Makanchi Array	160.15 54	PKP	PKPpdf	03 59 38.7	0.0
MKAR	comp=2.0,6nm,0.9s,baz=333,slow=3.1,SNR=3.4		PKP	PKP	04 00 18.9	-0.1
LZH	Lanzhou	177.92 127	ePKP	PKPpdf	03 59 49.6	-0.8
LZH			pPKP	PKPpdf	04 00 01.0	-0.9
LZH			SPKP	PKP	04 00 04.7	
LZH	comp=N,120nm,18.0s		LR	LR	04 01 39.2	+1.2
LZH	comp=E,120nm,18.1s		LR	LR		
LZH	comp=Z,150nm,20.2s		LR	LR		

JMA 01 03:50:10.3,0.1,35.76N;140.89E,h10km,1km,M3.2
JMA Felt 1.7.
IDC 01 03:50:20.3,3.1,36.24N;141.10E,h0km,mb3.6/4,
mb1 3.7/5,mb1mx3.4/35,mbtm3.7/5,ML3.5/1,Error
ellipse: s-maj=85.8km s-min=22.1km az=76.0
ISC 01 03:50:10.1,1.8,35.76N;140.9E,0.2,h12km,10km,
n18,+050/12,mb3.6/4,1C-1D,Near east coast of
eastern Honshu

Code	Station Name	A°	AZ°	Op	Phase ID	ISC	Time	Res
CHJO	Choshi	0.6	183	Op	ISC	h m s	03 50 12.4	-0.1
CHJO				S	Pg	03 50 14.1	-0.1	
JCN	Nagara	0.64	238	P	Sb	03 50 24.0	+0.8	
JCN				S	Pn	03 50 34.8	-0.4	
JYJT	Yasato	0.71	311	P	Pt	03 50 24.1	+0.2	
JYJT				S	Sb	03 50 33.8	-0.4	
JHO	Hitachi	0.88	344	P	Pg	03 50 27.2	+0.1	
JHO				S	Pg	03 50 38.1	-0.5	
BS04	Boso 4	0.88	209	P	Pb	03 50 27.9	+0.6	
BS03	Boso 3	1.00	197	P	Pb	03 50 29.1	-0.3	
MAT	Matsushiro	2.29	291	P	Pg	03 51 15.5	0.0	
MAT				eS	Pn	03 51 15.2	-1.0	
JHJ	Hatohji jima 2	2.79	199	eS	Sg	03 51 53.0	+1.3	
H1N2	WAKE ISLAND Hy	27.91 118	T	T		04 24 54.9		
H1N1	WAKE ISLAND Hy	27.92 118	T	T		04 24 34.3		
H1N3	WAKE ISLAND Hy	27.93						

2011 AUG

1d 4h															
MOOV	Moose Ponds	76.41	45	eP	P	04 41 07.0	-0.5	MLR	Muntele Rosu	79.83	320	/P	P	04 41 26.6	+0.3
HVU	Hansel Valley	76.42	48	eP	P	04 41 08.0	+0.5	MLR	Muntele Rosu	79.83	320	eP	P	04 41 26.7	+0.4
HVU	Hansel Valley	76.42	48	eP	P	04 41 08.0	+0.5	MLR	Muntele Rosu	79.83	320	eP	P	04 41 26.7	+0.4
ISA	Isabella, Lake	76.44	56	P	P	04 41 08.3	+0.7	NIE	Niedzica	79.83	326	eP	P	04 41 27.1	+1.0
TPAW	Teton Pass	76.45	46	eP	P	04 41 08.4	+0.6	NIE	Niedzica	79.83	326	eP	P	04 41 27.1	+1.0
LOHW	Long Hollow	76.57	45	eP	P	04 41 08.8	+0.4	RSSD	Black Hills	79.89	42	P	P	04 41 27.3	+0.6
SNOW	Snow King Moun	76.58	46	eP	P	04 41 09.8	+1.3	RSSD	Black Hills	79.89	42	eP	P	04 41 26.6	-0.2
REDW	Red Top Meadow	76.58	46	eP	P	04 41 09.8	+1.3	RSSD	Black Hills	79.89	42	eP	P	04 41 26.6	-0.2
R11A	Troy Canyon, C	76.74	52	P	P	04 41 10.3	+0.9	U15A	White River Ci	79.99	52	eP	P	04 41 29.6	+2.1
R11A	Troy Canyon, C	76.74	52	eP	P	04 41 10.3	+0.9	PDMCI	Parker Dam,Lak	80.11	55	P	P	04 41 29.4	+1.7
SORM	Soroca	76.84	321	/P	P	04 41 09.2	-0.3	B31A	Greenbush Farm	80.13	36	P	P	04 41 28.3	+0.6
MPMC	Manuel Prospec	76.86	55	P	P	04 41 11.2	+1.0	O20A	White River Ci	80.13	47	eP	P	04 41 29.0	+0.9
DGMT	Dagmar	76.92	39	P	P	04 41 10.6	+0.6	O20A	White River Ci	80.13	47	eP	P	04 41 29.0	+0.9
FURC	Furnace Creek,	77.03	54	P	P	04 41 12.1	+1.3	CJR	Cluj-Napoca	80.18	322	/P	P	04 41 29.7	+1.6
LAO	LASA Array	77.04	41	eP	P	04 41 11.2	+0.4	Y12C	Blythe	80.19	55	P	P	04 41 29.8	+1.5
LRMC	Laurel Mtn Rad	77.07	55	P	P	04 41 12.5	+1.2	Y12C	Blythe	80.19	55	eP	P	04 41 29.8	+1.5
TPNV	Topopah Spring	77.14	53	P	P	04 41 12.9	+1.2	A32A	Rocking H Ranc	80.31	35	P	P	04 41 29.5	+0.8
TPNV	Topopah Spring	77.14	53	eP	P	04 41 12.1	+0.4	LANS	Liptovska Anna	80.41	326	eP	P	04 41 30.9	+1.7
TPNV	Topopah Spring	77.14	53	eP	P	04 41 12.1	+0.4	LANS	Liptovska Anna	80.41	326	eP	P	04 41 30.9	+1.7
TPNV	Topopah Spring	77.14	53	eP	P	04 41 12.1	+0.4	GLA	Glamis	80.41	56	P	P	04 41 31.0	+1.5
EDW2	Edwards Air Fo	77.21	56	P	P	04 41 12.8	+0.8	KECS	Kecovo	80.42	325	eP	P	04 41 29.8	+0.6
HWUT	Hardware Ranch	77.25	47	eP	P	04 41 12.3	+0.1	KECS	Kecovo	80.42	325	eP	P	04 41 29.8	+0.6
DUG	Dugway, Tooele	77.36	49	P	P	04 41 14.1	+1.3	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
DUG	Dugway, Tooele	77.36	49	P	P	04 41 14.3	+1.5	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
DUG	Dugway, Tooele	77.36	49	P	P	04 41 14.3	+1.5	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
DUG	Dugway, Tooele	77.36	49	P	P	04 41 14.3	+1.5	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
CTU	Camp Tracy	77.70	48	eP	P	04 41 14.8	+0.1	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
BW06	Boulder Array	77.70	46	eP	P	04 41 15.5	+0.7	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
BW06	Boulder Array	77.70	46	eP	P	04 41 15.2	+0.5	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
PD31	Pinedale Array	77.70	46	eP	P	04 41 13.9	-0.8	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
PDAR	Pinedale Array	77.70	46	eP	P	04 41 15.8	+1.0	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
GSC	Goldstone, Bar	77.75	55	P	P	04 41 16.3	+1.3	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
LVV	L'vov	77.82	324	eP	P	04 41 15.8	+0.8	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
BSD	Bornholm Skovb	77.88	332	i/P	P	04 41 14.9	-0.3	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
BSD	Bornholm Skovb	77.88	332	i/P	P	04 41 14.9	-0.3	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
BSD	Bornholm Skovb	77.88	332	i/P	P	04 41 14.9	-0.3	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
BEL	Belsk	77.89	327	eP	P	04 41 16.2	+0.9	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
BEL	Belsk	77.89	327	eP	P	04 41 16.2	+0.9	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
JLU	Jordanelle	77.93	48	eP	P	04 41 16.4	+0.3	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
NLU	North Liv Min	77.95	49	eP	P	04 41 16.6	+0.4	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
SHPR	Sheep Range	78.11	53	eP	P	04 41 19.2	+2.1	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
MUC	Turquoise Moun	78.25	55	P	P	04 41 19.2	+1.3	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
TURQ	Murrieta	78.50	57	P	P	04 41 19.6	+0.5	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
TLCR	Kalwaria Pacia	78.53	318	/P	P	04 41 19.2	+0.2	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
KWP	Kalwaria Pacia	78.53	325	eP	P	04 41 20.0	+0.8	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
CCUT	Cedar City	78.63	52	eP	P	04 41 21.9	+1.9	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
BUR08	Bucovina A, S	78.75	322	eP	P	04 41 20.9	+0.6	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
BURAR	Bucovina Arr, S	78.76	322	/P	P	04 41 20.9	+0.5	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
SZCU	Shurtz Canyon	78.77	51	eP	P	04 41 20.2	-0.6	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
TESR	Tescani	78.78	320	/P	P	04 41 20.6	+0.2	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
GMRC	Granite Mounta	78.82	55	P	P	04 41 22.1	+1.1	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
TMUT	Trail Mountain	78.89	49	eP	P	04 41 22.3	+0.8	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
CFR	Carcaliu	78.89	319	/P	P	04 41 21.3	+0.3	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
TPFO	Pinon Flats	78.99	56	P	P	04 41 22.1	+0.1	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
LCMT	Little Creek M	79.03	52	eP	P	04 41 22.8	+0.7	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
P17A	Butcher Ranch,	79.06	49	eP	P	04 41 23.3	+1.0	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
BELC	Belle Mtn, Jos	79.06	56	P	P	04 41 21.8	-0.5	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
MTPU	Mount Pierson	79.06	51	eP	P	04 41 23.3	+0.7	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
ODBI	Odobesti	79.07	320	/P	P	04 41 23.7	+1.7	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
VRI	Vrincioia	79.17	320	/P	P	04 41 24.3	+1.7	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
PLOR	Plostina	79.22	320	/P	P	04 41 23.9	+1.0	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
BR131	Keskin Array S	79.29	312	eP	P	04 41 23.9	+0.4	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
BRTR	Keskin Array B	79.29	312	eP	P	04 41 23.8	+0.3	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
BRTR	Keskin Array B	79.29	312	eP	P	04 41 23.8	+0.3	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
HARR	Harsova	79.33	318	/P	P	04 41 24.3	+0.9	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
TLB	Topalu	79.33	318	/P	P	04 41 23.8	+0.4	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
STHS	Stebnicka Huta	79.40	325	eP	P	04 41 24.8	+1.0	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
STHS	Stebnicka Huta	79.40	325	eP	P	04 41 24.8	+1.0	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
STHS	Stebnicka Huta	79.40	325	eP	P	04 41 24.8	+1.0	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
STHS	Stebnicka Huta	79.40	325	eP	P	04 41 24.8	+1.0	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
SRU	San Rafael Swe	79.42	49	eP	P	04 41 24.6	+0.4	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
SRU	San Rafael Swe	79.42	49	eP	P	04 41 24.6	+0.4	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
SRU	San Rafael Swe	79.42	49	eP	P	04 41 24.6	+0.4	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
SRU	San Rafael Swe	79.42	49	eP	P	04 41 24.6	+0.4	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
MONP2	Monument Peak	79.44	57	P	P	04 41 23.7	-0.8	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
UZH	Uzhgorod	79.47	324	eP	P	04 41 22.7	-1.4	OKC	Okcra-Krasne	80.49	327	eP	P	04 41 30.4	+0.8
OJC	Ojcow	79.48	326	eP	P	04 41 24.8	+0.6	OKC	Okcra-Krasne	80.49					

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SOKA Soboth, T25A Trinidad, T25A Trinidad, OBKA Obir, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, KBA Koelbrenspres, H36A Jesse Rand, SPMM Marine on St., MEM Membach, MYKA Terra Mystica, BGNE Belgrade, K34A Le Mars, BCLA Clavier, H37A Dierke Farm, ABTA Abfattersbach, CWF Charnwood Fore, 121A Cookes Peak, I37A Lemond, Waseca, L34A Svendsen Farm, PDG Podgorica, MOTA Moosalm, J36A Seneca, I, Swea, RETA Reutte, WLF Walferdang, SCHO Schefferville, M34A Aspy Farms, DOU Dourbes, BFO Black Forest, BFO Black Forest, J37A Redenius Farm, FETA Feichten, I38A Scanlan Farm, CBKS Cedar Bluff, P32A Huiting Farm, DAVA Damuels, N34A Lincoln, L36A Harm Buss Farm, K37A Belmont, J38A Wedel Dairy, FUORH Ofenpess-Fuorn, Q32A Meitler Ranch, O34A Beatrice, M36A Felix, Anita, N35A Tabor, L37A Phoenix Point, J39A Decorah, Q33A Connelly Farm, TUE Stuetta, O35A Humboldt, P34A Walnut Farm, N36A Huff Farm, Cla, L38A Oak Wood Farm, M37A Trindle Farm, K39A Oelwein, J40A Soldiers Grove, Q34A Chapman, KSU1 Kansas State U, KSU1 Kansas State U, P35A Duane Minner, N37A Lee Faris, Mou, MNTX Cornudas Mount, M38A Pleasantville, K40A Colesburg, J41A Loganville, L39A Vinton, O36A Bolckow, T32A Huddler Ranch, AMTX Amarillo, R34A Isabella, Hill, P36A Good Intent, A, Q35A Mercer Eighty, M39A Webster, O37A Wolven Farm, M, L40A Anamosa, K41A Shullsburg, N39A Derby Farms, D, P37A Lathrop, L41A Preston, O38A Galt, V32A Arapaho, U33A Lingo Farm, Me, R36A Gordon, Harris, S35A Otter Creek Ra

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like T34A McClaskey Farm, P38A Davi, VLDQ Val d'Or, GLMI Grayling, W32A Sentinel, U34A Anderson Ranch, V33A Lossen Ranch, S36A Lake Cedric, T35A Sooner Cattle, Q38A Cooks Store, O40A La Belle, P39B Salisbury, TIP Timpagrande, W33A Caddo, Fort Co, V34A Guthrie, V34A Guthrie, X32A Elmer, T36A Boggs Farm, U35A Pawnee, S37A Fort Scott, WMOK Wichita Mounta, Q39A Willow Grove F, P40A Paris, R38A Fenwick Farm, O41A Pavesy Farm, T37A Cheneyville 18, P41A Barry, Barry, Q40A Laux Farm, Aux, R39A Chumby, Stover, S38A Stockton, Y33A Hilltop Ranch, HDIL Hopedale, W35A Tecumseh, TX31 Lajitas Ar. Si, TXAR Lajitas Aray, TXAR Lajitas Aray, TXAR Lajitas Aray, T38A Diamond, TUL1 Leonard, S39A Bolar, U37A Salina, V36A Jenks, P42A Winchester, CEL Celeste, R40A Maddies Statio, Z33A Whitaker Ranch, W36A Wetumka, U38A Gravette, V37A Hulbert, T39A Clever, Q42A Golden Eagle, S40A Lebanon, Z34A Collier Ranch, X36A Centrahoda, HHAR Hobbs, Y35A Marietta, W37B Quinton, V38A Catmill, T40A Mansfield, S41A Jilico Farms, U39A Green Forest, Z33A Rising Star, Z35A Perchaven, San, Y36A Durant, X37A Clayton, V39A Pettigrew, U40A Yellville, T41A Mountain View, W38A Poteau, X38A Whitesboro, 333A Richland Sprin, Z36A Blue Ridge, W39A Magazine, V40A Wits Springs, U41A Viola, WHTX Lake Whitney, 334A Lometa, X39A Fountain Ranch, W40A Ferguson Farm, V41A Mountainview, U42A Revenden, PBMO Poplar Bluff, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WHAR Woolly Hollow, Y32A Lockesburg, Y39A Cord, W41B Gary Mavity, V, X40A Basin Creek Fa, S34A Blanco, N59A Star Game Lan, KEST Kesra, KEST Kesra, ES19 SONSECA Array, ESDC Sonseca Array, ESDC Sonseca Array, LPAZ La Paz, LVC Limon Verde, SIV San Ignacio, LCO Las Campanas

ISCJB 01 04:45:29.4, 0.7, 39.09N, 0.05:29.01E, 0.05, h9km, Error ellipse: s-maj=8.6km s-min=4.1km az=151.6 CSEM 01 04:45:29.3, 0.2, 39.11N:28.98E, h10km, MD2.2, Error ellipse: s-maj=6.4km s-min=3.2km az=142.0 ISK 01 04:45:29.2, 39.14N:29.01E, h6km, MD2.5 DDA 01 04:45:29.6, 39.03N:29.02E, h7km, MD2.2 ISC 01 04:45:29.7, 1.1, 39.09N:0.04:29.01E, 0.03, h9km, n14, o:059Z22, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like DEMI Demirci, DEMI Demirci, DEMI Demirci, GEZD Gediz, GEZD Gediz, GEZD Gediz, GDZ Gediz, GDZ Gediz, GDZ Gediz, TVSB Tavsanli, TVSB Tavsanli, TVSB Tavsanli, KULA Kula-Manisa, KULA Kula-Manisa, MANT Manisa, MANT Manisa, KHL Karahalli, KHL Karahalli

CSEM 01 04:58:04.4, 0.3, 37.41N:54.61E, h10km, ML3.5, Error ellipse: s-maj=7.9km s-min=6.3km az=21.0 ISCJB 01 04:58:05.0, 0.6, 37.54N:0.0:4.54E, 0.05, h30km, Error ellipse: s-maj=7.1km s-min=4.5km az=38.1 TEH 01 04:58:07.0, 37.16N:54.64E, h10km, ML3.5 AZER 01 04:58:09.8, 3.5, 37.46N:54.07E, h10km, Error ellipse: s-maj=39.3km s-min=21.7km az=55.0 ISC 01 04:58:06.0, 1.3, 37.40N:0.05:54.55E, 0.05, h30km, n41, o:1646/53, 4C-60, Iran-Turkmenistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like IGLO Ghaloghah, MRVT Marvazh tapeh, SHRO Shahrood, ISHM Shahmirzad, IALA Alash, IALA Alash, IALA Alash, IANJ Anjilo, IANJ Anjilo, IANJ Anjilo, IFIR Firoozkooch, IFIR Firoozkooch, IFIR Firoozkooch, ILAS Lasjerd, ILAS Lasjerd, IDMV Damavand, IDMV Damavand, IDMV Damavand, IAFJ Afjeh, IAFJ Afjeh, IAFJ Afjeh, ISFR Sfrayin, ISFR Sfrayin, ISFR Sfrayin, IMHD Mahdasht, IMHD Mahdasht, GHVR GHOM, TABS Tabas, ASTR Astara, ASTR Astara, ASTR Astara, IZEF Zefreh, IZEF Zefreh, LRK Lerik, LRK Lerik, LRK Lerik, ICHK Chekchek, ICHK Chekchek, GLBA Cillabad, GLBA Cillabad, GLBA Cillabad, IBAF Bafgh, IBAF Bafgh, XNQ Khinaliq, XNQ Khinaliq, XNQ Khinaliq, GDB GEDABAY, GDB GEDABAY

Table with columns: GDB, GEDABAY, 7.61 299, P, Pn, 04 59 55.7 +0.8, etc.

Table with columns: MAN 01 05:40.0, 9.42N, 121.92E, h33km, mb4.3, ML3.1, MS2.9, 3C-1D, Sulu Sea

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

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

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

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

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

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

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

Table with columns: mb1 3.8/4, mb1mx3.5/29, mbtmp3.6/4, Error ellipse: s-maj=148.8km s-min=23.4km az=66.0, Halmahera

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

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

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

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

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

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

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

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

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

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

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

Table with columns: GUC, NEIC Felt [V] at Constitution, Pencahue and Talca; [IV] at Molina; [III] at Cauquenes, Chanco, Curico, Linares, Maule, Rio Claro and Romeral; [II] at Iloca.

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

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

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

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

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

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

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

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

Table with columns: MJAR, Matsuhiro Arr, 2.61 272 P, Pn, 05 57 25.2 -0.6, etc.

ISK 01 06:09:17.1, 39.21N, 28.94E, h5km, MD2.2
ISCJB 01 06:09:18.4, 0.6, 39.14N, 0.04, 29.07E, 0.05, h12km, 6km,
Error ellipse: s-maj=8.7km s-min=4.7km az=143.2

CSEM 01 06:09:18.1, 0.2, 39.15N, 29.05E, h10km, MD2.6, Error
ellipse: s-maj=7.2km s-min=3.6km az=131.0

DDA 01 06:09:18.5, 39.08N, 29.10E, h7km, MD2.6
ISC 01 06:09:19.1, 1.1, 39.16N, 0.04, 29.04E, 0.04, h10km, 11km,
n14, 0.032/26, Turkey

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

IDC 01 06:09:14.8, 0.6, 3.46S, 145.09E, h0km, mb4.5/1.6,
mb1.4, 7/18, mb1mx4.6/30, mbtmp4.5/18, ML4.2/1, MS3.7/15,
MS1.3/7.15, ms1mx3.5/27, Error ellipse: s-maj=25.4km,
s-min=12.3km az=90.0

ISCJB 01 06:09:17.0, 0.2, 3.51S, 0.03, 144.94E, 0.05, h22km,
mb4.8/52, MS3.8/14, Error ellipse: s-maj=7.8km,
s-min=4.8km az=2.3

BUI 01 06:09:18.7, 3.42S, 145.21E, h38km, mb4.8/43, mb5.0/26,
Ms4.7/10, Ms7.4/7.5

NEIC 01 06:09:19.3, 2.5, 3.46S, 144.91E, h26km, 17km, mb4.9/33,
Error ellipse: s-maj=8.4km s-min=5.4km az=124.0

ISC 01 06:09:19.0, 0.4, 3.49S, 0.05, 145.00E, 0.08, h22km, n94,
n128/108, mb4.9/52, MS3.7/15, 3C, Near north coast of
New Guinea

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

Table with columns: CD2, comp=Z, 120nm, 5.2s, pmax, pmax, etc.

Table with columns: HHC, Hu-ho-hao-te, 53.67 329 eP, P, 06 18 39.4 +0.1, etc.

Table with columns: PEAO, Petropavlovsk, 57.40 9 eP, P, 06 19 05.3 -0.4, etc.

Table with columns: WMQ, Urumqi, 69.60 319 P, P, 06 20 27.8 +1.0, etc.

Table with columns: WMQ, Port Moresby, 6.25 160 eP, Pn, 06 10 51.5 +1.4, etc.

Table with columns: VNA, Vanda, 74.52 176 P, P, 06 20 55.5 0.0, etc.

Table with columns: ZAA, Zalesovo Array, 75.84 328 eP, P, 06 21 02.5 -1.0, etc.

Table with columns: KSH, Kashi, 76.23 312 P, P, 06 21 08.3 +2.1, etc.

Table with columns: AAK, Ala-Archa, 78.17 315 eP, P, 06 21 16.4 -0.7, etc.

Table with columns: SW2, Sparrowhorn, 78.82 25 eP, P, 06 21 20.9 +0.8, etc.

Table with columns: ILAR, Eielson Array, 83.98 24 eP, P, 06 21 45.9 -1.5, etc.

Table with columns: TIC, Toumodi, 149.98 277 ePKP1, PKPbc, 06 29 08.2 -0.8, etc.

Table with columns: DHRM 01 06:23:01.3, 1.6, 13.48N, 41.74E, h8km, 42km, ML3.8, etc.

Table with columns: DHA, Dhamar Bb, 2.79 67 iP, S, 06 23 49.8 -1.9, etc.

Table with columns: DHA, Dhamar Bb, 2.79 67 iP, S, 06 23 49.8 -1.9, etc.

Table with columns: DHA, Dhamar Bb, 2.79 67 iP, S, 06 23 49.8 -1.9, etc.

Table with columns: SBT5, Esenkov-Cinarc, 0.14 262 Pg, Pg, 06 28 15.3 +0.2, etc.

Table with columns: SBT3, Esenkov-Cinarc, 0.14 262 Pg, Pg, 06 28 15.3 +0.2, etc.

Table with columns: SBT3, Esenkov-Cinarc, 0.14 262 Pg, Pg, 06 28 15.3 +0.2, etc.

Table with columns: SBT3, Esenkov-Cinarc, 0.14 262 Pg, Pg, 06 28 15.3 +0.2, etc.

Table with columns: SBT3, Esenkov-Cinarc, 0.14 262 Pg, Pg, 06 28 15.3 +0.2, etc.

Table with columns: SBT3, Esenkov-Cinarc, 0.14 262 Pg, Pg, 06 28 15.3 +0.2, etc.

ISCJB 01 06:51:26.2,0.6,21.1S;0.1x176.5W;0.1,h219km, mb4.2/17, Error ellipse: s-maj=14.6km s-min=12.5km az=146.4

NEIC 01 06:51:28.4,2.0,21.07S;176.49W,h230km,17km,mb4.6/8, Error ellipse: s-maj=17.4km s-min=11.6km az=123.0

IDC 01 06:51:32.2,7.0,21.07S;176.60W,h262km,62km, mb3.9/11,mb1 4.0/12,mb1mx3.7/34,mbtmp4.5/12, Error ellipse: s-maj=29.8km s-min=21.4km az=71.0

ISC 01 06:51:27.5,0.6,21.1S;0.1x176.5W;0.1,h219km,n62, r105/65,mb4.2/17, 12C-3D,Fiji Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like MSVF Nonsavu, DZM Mont Dzumac, RPZ Rata Peaks, etc.

NIED 01 06:54:00.38,70N,142.20E,h41km,Mw4.6 Best double couple: M=9.010000e-1015 NP1=191.00000e-823.00000e-178.00000e-02 NP2=24.00000e-868.00000e-02

BUJ 01 06:54:57.0,38.50N,142.25E,h47km,mb4.8/56,mb4.9/40, Ms4.3/48, Ms7.4/44

ISCJB 01 06:54:59.0,0.4,38.68N;0.02,142.07E;0.04,h49km,3km, mb4.7/116,MS4.0/42, Error ellipse: s-maj=5.3km s-min=3.2km az=31.6

MOS 01 06:54:59.8,0.8,38.91N;141.98E,h45km,mb4.9/52, MS4.0/18, Error ellipse: s-maj=7.8km s-min=5.1km az=105.7

JMA 01 06:54:59.0,0.1,38.65N;142.15E,h42km,1km,M4.6 NEIC Felt III JMA

NEIC 01 06:55:00.7,0.5,38.69N;142.01E,h49km,4km,mb4.7/46, Error ellipse: s-maj=5.1km s-min=3.5km az=129.0

NEIC Felt at Misawa. Recorded [3 JMA] in Miyagi. IDC 01 06:55:02.1,1.8,38.67N;142.12E,h66km,16km,mb4.2/26, mb1 4.4/33,mb1mx4.3/48,mbtmp4.5/33,MS3.7/25, Ms1 3.7/25,ms1mx3.6/37, Error ellipse: s-maj=13.7km s-min=10.3km az=111.0

ISC 01 06:54:59.3,0.6,38.64N;0.04,142.19E;0.04,h40km,5km,n292,r1923/308,mb4.7/118,MS4.0/44,11C-3D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like OFUJ Ofunato, JIO Ouri, JIMK Ichinoseki, etc.

Main table with columns: JMM, Marumori, 1.34 235 P Pn, etc. Includes stations like Marumori, Rokugo, Kanezuma, Kawachi, Erimo, Erimo, Matsuhiro Arr, etc.

Main table with columns: XAN, S, S, 07 05 12.3 -1.5, etc. Includes stations like XAN, S, S, 07 05 12.3 -1.5, SONGIA Songoing Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISR Istrita, SECR Seco, DOPR Dopca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU Zalesovo INFRA, ZALV Zalesovo Beam, etc.

ICD 01 08:16:07.3:1.8, 17:61S:168:19E, h0km, mb4.0/7, mb1.4/1.8, mb1mx3.9/3.0, mbtm4.0/8, ML3.7/1, MS3.4/10, Ms1.3/4.0, ms1mx3.1/3.4, Error ellipse: s-maj=51.2km s-min=24.0km az=121.0, ISCJB 01 08:16:10.2:1.4, 17:54S:0:09:168:1E:0.2, h27km, mb4.0/7, MS3.4/9, Error ellipse: s-maj=33.0km s-min=11.2km az=10.6

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

SJA 01 07:06:06.0:0.7, 30:48S:68:05W, h24km, 2km, ML3.5, MW4.0, San Juan Province

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

ICD 01 08:20:49.8:8.8, 8:69S:124:62E, h69km, 98km, mb2.9/1, mb1.3/5.4, mb1mx3.3/4, mbtm3.5/4, ML3.5/3, Error ellipse: s-maj=77.3km s-min=39.3km az=44.0, Timor region

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

SOME 01 07:23:01.5, 41:05N:72:25E, h0km, KRNET 01 07:23:01.7, 0.1, 41:00N:72:27E, h22km, mb2.0, ISC 01 07:23:01.5:1.1, 41:02N:0:03:72:26E:0.03, h8km, 10km, n15, c670/29, 20C-3D, Kyrgyzstan

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

JMA 01 08:32:57.9:0.1, 28:23N:128:47E, h96km, 2km, M3.5, Ryukyu Islands

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

NIED 01 08:37:00, 37:60N:143:50E, h5km, Mw3.7, Best double couple: M0.490000, 1014, NP1.0158, 000000, 850, 000000, lambda=124, 000000, NP2.024, 000000, 850, 000000, lambda=56, 000000

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

ICD 01 08:37:00, 37:60N:143:50E, h5km, Mw3.7, Best double couple: M0.490000, 1014, NP1.0158, 000000, 850, 000000, lambda=124, 000000, NP2.024, 000000, 850, 000000, lambda=56, 000000

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMA 01 08:37:13.3:0.2, 37:63N:143:52E, h46km, M3.9, NEIC 01 08:37:15.0:0.5, 37:58N:143:53E, h35km, mb4.5/4, Error ellipse: s-maj=12.3km s-min=8.4km az=110.0, ISC 01 08:37:15.0:0.7, 37:62N:0:05:143:51E:0.08, h35km, n46, c1592/55, mb3.9/17, Off east coast of Honshu

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

MEX 01 08:39:47.7:1.2, 16:62N:94:52W, h102km, 28km, MD3.8, Oaxaca

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

ISCJB 01 08:51:35.1:0.6, 11:19N:0:03:61:59W:0:04, h73km, 7km, Error ellipse: s-maj=6.1km s-min=3.8km az=24.6

FUNV 01 08:51:35.3:0.3, 11:17N:61:35W, h35km, MW2.8, TRN 01 08:51:36.4, 11:30N:61:59W, h12km, MD3.1, ISC 01 08:51:34.8:0.3, 11:18N:0:03:61:54W:0:04, h82km, 9km, n23, c181/44, 1C-1D, Windward Islands

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

1d 12h

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

ISC/JB 01 10:35:00.1-0.3, 26.27N, 0.07E, h10km, mb2.6, mpv2.2, Error ellipse: s-maj=45.9km s-min=18.6km az=122.0

Main table for 1d 12h section, listing station codes, names, and various parameters. Includes stations like IKJMK, IRABUJIMA, MIYAKO JIMA 2, etc.

NNC 01 10:35:46.9-5.1, 44.27N, 83.21E, h0km, mb2.6, mpv2.2, Error ellipse: s-maj=45.9km s-min=18.6km az=122.0

Table for Northern Xinjiang section, listing station codes and names like KETMEN, JARKENT, etc.

SOME 01 10:48:39.5, 44.28N, 82.92E, h10km, NNC 01 10:48:35.5, 46.05N, 79.20E, h0km, mb2.4, mpv2.0

Table for Northern Xinjiang section, listing station codes and names like KETMEN, JARKENT, etc.

2011 AUG

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

ISC/JB 01 11:43:22.0-0.7, 36.56N, 0.05E, h141.04E, 0.07, h74km, 7km, mb3.3/2, Error ellipse: s-maj=10.6km s-min=7.0km az=22.4

Main table for 2011 AUG section, listing station codes, names, and various parameters. Includes stations like JHO, ONAJ, etc.

ISC 01 11:43:23.1-1.1, 36.55N, 0.05E, h141.04E, 0.07, h74km, 9km, n21, -1816/25, Near east coast of eastern Honshu

Table for Northern Sumatera section, listing station codes and names like ILAR, WRA, etc.

ISC 01 12:02:07.2-1.9, 4.45N, 94.49E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/47, mbtmp3.4/5, ML3.4/1, Error ellipse: s-maj=83.1km s-min=22.0km az=50.0, Off west coast of northern Sumatera

Table for Northern Sumatera section, listing station codes and names like PSI, H0S2, etc.

RSNC 01 12:11:11.0-0.9, 7.92N, 73.50W, h131km, 11km, ML2.8, FUNV 01 12:11:13.8, 8.37N, 73.36W, h19km, MW2.0

ISC 01 12:11:08.4-2.3, 8.18N, 0.07E, 73.55W, 0.09, h124km, 21km, n10, -1985/17, 1C, Northern Colombia

Table for Northern Colombia section, listing station codes and names like GRMC, BRRC, etc.

n30, -066/57, 1C, Taiwan region

Main table for Taiwan region section, listing station codes, names, and various parameters. Includes stations like ENA, TWC, etc.

KRSC 01 12:36:12.8-1.7, 53.80N, 163.73E, h62km, 21km, ML4.3, IDC 01 12:36:12.9, 0.8, 53.87N, 163.56E, h0km, mb3.7/8

MOS 01 12:36:19.6, 0.9, 53.59N, 163.16E, h0km, mb4.1/5, Error ellipse: s-maj=8.0km s-min=6.0km az=04.5

ISC 01 12:36:12.7-3.3, 53.81N, 0.04E, 163.80E, 0.05, h93km, 21km, n79, -1873/119, mb3.8/8, Off east coast of Kamchatka

Table for Kamchatka section, listing station codes and names like MYZ, MKZ, etc.

MEX 01 12:34:04.0-0.3, 16.21N, 98.44W, h3km, MD3.5, Near coast of Guerrero

Table for Guerrero section, listing station codes and names like PNIG, TLIG, etc.

JOW	comp=Z,38nm,1.1s	Kunigami	23.86 4 P	P	13 43 31.7 +0.7
PMG	7.5nm,0.6s,baz=124,slow=15,SNR=3.9	Port Moresby	23.91 121 LR	LR	13 43 06.3
WRAB	comp=Z,39nm,1.9s	Tennant Creek	23.95 162cP	Pmax	13 43 31.4 -0.5
WRAB	comp=Z,49nm,1.7s	Tennant Creek	23.95 162 eP	P	13 43 31.1 -0.8
WRAB	comp=Z,34nm,0.8s	Tennant Creek	23.95 162 eS	S	13 47 49.3 +5.0
WRA	comp=Z,18nm,0.5s,baz=339,slow=10,SNR=78	Warramunga Arr	23.95 162 P	P	13 43 31.4 -0.5
WRA	comp=Z,20nm,1.2s,baz=341,slow=18,SNR=8.2	Warramunga Arr	23.95 162 iP	P	13 47 45.1 +0.7
WRA	comp=Z,20nm,1.2s,baz=341,slow=18,SNR=8.2	Warramunga Arr	23.95 162 iP	Pmax	13 43 31.2 -0.7
WB2	comp=Z,18nm,0.5s	Warramunga Arr	23.96 162 eP	P	13 43 31.1 -0.8
UBPT	comp=Z,26nm,1.2s	Khong Chiam	24.14 302 P	P	13 47 49.5 +5.0
MBWA	comp=Z,38nm,1.0s	Marble Bar	24.82 195 eP	P	13 43 35.5 +1.9
SKNT	comp=Z,22nm,1.1s	Sakolnokr	26.21 304 P	P	13 43 40.4 +0.6
AS31	comp=Z,5.0nm,0.4s	Alice Springs	27.36 165 eP	P	13 43 55.2 +2.8
ASAR	comp=Z,5.1nm,0.4s,baz=346,slow=7.3,SNR=63	Alice Springs	27.36 165 P	P	13 44 02.4 -0.3
ASAR	comp=Z,5.1nm,0.4s,baz=346,slow=7.3,SNR=63	Alice Springs	27.36 165 S	S	13 44 02.7 -0.1
ASAR	comp=Z,4.0nm,0.9s,baz=350,slow=2.1,SNR=81	Alice Springs	27.37 165 eP	P	13 48 37.0 -1.4
ASO1	comp=Z,4.0nm,0.9s,baz=350,slow=2.1,SNR=81	Alice Springs	27.37 165 eP	P	13 44 02.0 -0.8
CHAI	comp=Z,4.2nm,1.2s	Chaiyaphum	27.41 300 P	P	13 43 07.1 +3.9
PSI	comp=Z,3.8nm,0.5s,baz=197,slow=9.3,SNR=2.6	Prapat	27.58 270 P	P	13 44 03.8 -1.2
UTTA	comp=Z,2.2nm,0.9s	Utataradi	29.45 302 P	P	13 44 26.0 +4.6
CYA	comp=Z,5.0nm,0.8s,baz=57.1,slow=10,SNR=2.6	Charters Tower	29.94 141 P	P	13 44 26.7 +1.0
GTA	comp=Z,5.0nm,0.8s,baz=57.1,slow=10,SNR=2.6	Guilang	30.21 323 P	P	13 44 30.0 +1.9
GYA	comp=Z,4.2nm,1.2s	Guilang	30.21 323 pP	pP	13 44 47.6 -3.4
GYA	comp=Z,4.2nm,1.2s	Guilang	30.21 323 sP	sP	13 44 56.2 +1.3
GYA	comp=Z,4.2nm,1.2s	Guilang	30.21 323 PpPn	PpPn	13 45 31.0 +2.9
GYA	comp=Z,4.2nm,1.2s	Guilang	30.21 323 PpP	PpP	13 47 29.5 +1.5
GYA	comp=Z,4.2nm,1.2s	Guilang	30.21 323 sS	sS	13 49 23.6 +0.3
GYA	comp=Z,4.2nm,1.2s	Guilang	30.21 323 sS	sS	13 49 53.6 +4.0
GYA	comp=Z,4.2nm,1.2s	Guilang	30.21 323 ScP	ScP	13 51 07.0 +1.9
GYA	comp=Z,4.2nm,1.2s	Guilang	30.21 323 ScS	ScS	13 54 59.2 -1.9
GYA	comp=Z,20nm,0.7s	Guilang	30.21 323 pmax	pmax	
GYA	comp=Z,130nm,6.3s	Guilang	30.21 323 LR	LR	
GYA	comp=Z,4um,19.9s	Guilang	30.21 323 LR	LR	
GYA	comp=Z,3um,23.9s	Guilang	30.21 323 LR	LR	
JNU	comp=Z,4um,20.3s	Nakatsue	30.34 7 P	P	13 44 28.6 -0.5
CM01	comp=Z,1.9nm,0.8s,baz=342,slow=3.8,SNR=15	Chiang Mai Arr	31.11 302 eP	P	13 44 34.7 -1.4
CMAR	comp=Z,1.9nm,0.8s,baz=342,slow=3.8,SNR=15	Chiang Mai Arr	31.14 302 P	P	13 44 36.2 -0.2
CMAR	comp=Z,1.9nm,0.8s,baz=342,slow=3.8,SNR=15	Chiang Mai Arr	31.14 302 iP	P	13 44 39.7 +3.4
ENH	comp=Z,4.0nm,1.0s	Enshi	31.66 331 eP	P	13 44 39.3 -1.5
FORT	comp=Z,4.58nm,0.8s	Forrest	33.52 178 eP	P	13 44 57.5 +0.5
KSAR	comp=Z,4.58nm,0.8s	Wonju Array Be	34.40 2 P	P	13 45 05.6 +1.1
KSAR	comp=Z,4.58nm,0.8s	Wonju Array Be	34.40 2 P	P	13 45 05.6 +1.1
KSRS	comp=Z,2.3nm,0.6s,baz=177,slow=9.5,SNR=12	Korea Array	34.41 2 P	P	13 45 05.6 +1.0
XAN	comp=Z,2.3nm,0.6s,baz=177,slow=9.5,SNR=12	Xi'an	35.07 334 P	Pmax	13 45 07.4 -3.1
MJAR	comp=Z,7.0nm,0.8s	Matsushiro Arr	35.17 16 P	P	13 45 09.6 -1.7
MAJO	comp=Z,4.6nm,0.9s,baz=197,slow=9.4,SNR=8.7	Matsushiro	35.17 16 eP	P	13 45 10.3 -0.9
MAT	comp=Z,2um,0.8s	Matsushiro	35.17 16 P	P	13 45 09.4 -1.8
MJB9	comp=Z,2um,0.8s	Matsu-Tunnel	35.17 16 eP	P	13 45 10.1 -1.2
CD2	comp=Z,434nm,0.8s	Chengdu	35.20 325 iP	P	13 45 12.2 +0.5
CD2	comp=Z,434nm,0.8s	Chengdu	35.20 325 pP	pP	13 46 00 +1.7
CD2	comp=Z,434nm,0.8s	Chengdu	35.20 325 sP	sP	13 45 37.4 +2.8
CD2	comp=Z,434nm,0.8s	Chengdu	35.20 325 Pmax	Pmax	13 50 41.8 +0.0
CD2	comp=Z,760nm,5.0s	Chengdu	35.20 325 LR	LR	
CD2	comp=Z,4um,26.8s	Chengdu	35.20 325 LR	LR	
CD2	comp=Z,5um,23.2s	Chengdu	35.20 325 LR	LR	
CD2	comp=Z,6um,19.7s	Chengdu	35.20 325 LR	LR	
DL2	comp=Z,39nm,0.8s	Dalian	36.12 353 P	P	13 45 19.9 +0.6
BBOO	comp=Z,39nm,0.8s	Buckleboo	36.64 167 eP	P	13 45 24.1 +0.2
EIDS	comp=Z,45nm,1.6s	Eidsvold	36.82 141 eP	P	13 45 25.0 -0.5
STKA	comp=Z,1.1nm,0.7s,baz=342,slow=8.1,SNR=42	Stevens Creek	37.42 159 P	P	13 45 30.7 +0.2
STKA	comp=Z,1.1nm,0.7s,baz=342,slow=8.1,SNR=42	Stevens Creek	37.42 159 eP	Pmax	13 45 30.7 +0.2
STKA	comp=Z,2.0nm,0.8s	Stevens Creek	37.42 159 Pmax	Pmax	13 45 30.7 +0.2
BJT	comp=Z,15nm,0.8s	Baijiatau	38.13 347 P	P	13 45 36.2 -0.1
BJT	comp=Z,15nm,0.8s	Baijiatau	38.13 347 Pmax	Pmax	13 45 36.2 -0.1
BJT	comp=Z,15nm,0.8s	Baijiatau	38.13 347 P	P	13 45 36.2 -0.1
BJT	comp=Z,15nm,0.8s	Baijiatau	38.13 347 Pmax	Pmax	13 45 36.6 +0.1
LZH	comp=Z,21nm,0.8s	Lanzhou	39.32 33 P	P	13 45 45.0 0.0
LZH	comp=Z,21nm,0.8s	Lanzhou	39.32 33 pP	pP	13 46 02.3 +1.6
LZH	comp=Z,21nm,0.8s	Lanzhou	39.32 33 sP	sP	13 46 10.5 +2.4
LZH	comp=Z,21nm,0.8s	Lanzhou	39.32 33 PpPn	PpPn	13 47 21.0 +2.1
LZH	comp=Z,21nm,0.8s	Lanzhou	39.32 33 Pp	Pp	13 51 40.0 -0.4
LZH	comp=Z,21nm,0.8s	Lanzhou	39.32 33 sS	sS	13 52 09.1 +1.8
LZH	comp=Z,21nm,0.8s	Lanzhou	39.32 33 SS	SS	13 54 28.1 -7.2
LZH	comp=Z,92nm,1.5s	Lanzhou	39.32 33 pmax	pmax	
LZH	comp=Z,250nm,5.2s	Lanzhou	39.32 33 LR	LR	
LZH	comp=Z,2um,13.0s	Lanzhou	39.32 33 LR	LR	
LZH	comp=Z,2um,13.5s	Lanzhou	39.32 33 LR	LR	
HHC	comp=Z,2um,15.0s	Hu-ho-hao-te	40.13 342 eP	Pmax	13 45 55.2 +2.0
HHC	comp=Z,13nm,1.4s	Hu-ho-hao-te	40.13 342 Pmax	Pmax	13 45 55.2 +2.0
ARMA	comp=Z,46nm,4.9s	Armidale	40.88 146 eP	P	13 46 00.4 +0.8
USRK	comp=Z,1.7nm,1.0s	Ussuriysk Ar	41.41 6 P	P	13 46 04.0 +0.5
MDJ	comp=Z,26nm,0.7s,baz=189,slow=7.4,SNR=51	Mudanjiang	41.63 3 eP	P	13 46 05.7 +0.4
CAN	comp=Z,1um,0.9s	Canberra	43.46 153 eP	Pmax	13 46 21.8 +1.4
CAN	comp=Z,1.1nm,1.0s	Canberra	43.46 153 eP	Pmax	13 46 21.8 +1.4
CAN	comp=Z,1.1nm,1.0s	Canberra	43.46 153 eP	P	13 46 22.2 -0.3
GTA	comp=Z,1.1nm,1.0s	Gaotai	43.71 330 pP	pP	13 48 39.6 +1.1
GTA	comp=Z,1.1nm,1.0s	Gaotai	43.71 330 sP	sP	13 46 46.2 +0.5
GTA	comp=Z,1.1nm,1.0s	Gaotai	43.71 330 PpP	PpP	13 48 07.6 -1.0
RAMN	comp=Z,7.0nm,1.3s	Ramite	45.08 306 eP	P	13 46 33.4 -0.3
JIRN	comp=Z,17nm,0.6s	Jiri	45.71 307 eP	P	13 46 38.4 -0.5
HABR	comp=Z,17nm,0.6s	Khabarovsk	45.99 8 eP	P	13 46 37.2 -3.0
HABR	comp=Z,17nm,0.6s	Khabarovsk	45.99 8 ePP	PP	13 46 52.3 -4.0

HABR	comp=E,9.0nm,0.9s	HABR	e	e	13 48 25.1
HABR	comp=E,9.0nm,0.9s	HABR	eSS	SS	13 56 27.2
HABR	comp=E,9.0nm,0.9s	HABR	pmax	pmax	13 56 43.9 -2.4
HABR	comp=N,6.0nm,0.9s	HABR	pmax	pmax	
HABR	comp=Z,25nm,0.9s	HABR	pmax	pmax	
HABR	comp=Z,336nm,16.0s	HABR	MLR	MLR	
GSS	comp=Z,18nm,0.4s	Gumba	46.06 307 eP	P	13 46 41.6 0.0
YUN	comp=Z,18nm,0.4s	Yuzh-Sakhalins	46.09 15 eP	P	13 46 38.2 -2.8
PKIN	comp=Z,18nm,0.4s	Yuzh-Sakhalins	46.31 306 eP	P	13 48 43.8 +0.3
KLR	comp=Z,9.1nm,0.9s,baz=274,slow=4.3,SNR=19	Kuldur	46.38 5 P	P	13 46 42.8 -0.4
KKN	comp=Z,9.1nm,0.9s,baz=274,slow=4.3,SNR=19	Kakani	46.49 306 eP	P	13 46 44.1 -0.8
DMN	comp=Z,23nm,0.9s	Daman	46.56 306 eP	P	13 46 45.1 -0.3
GKN	comp=Z,23nm,0.9s	Gorkha	47.10 306 eP	P	13 46 48.9 -0.6
KOLN	comp=Z,30nm,0.4s	Koldanda	47.84 305 eP	P	13 46 54.6 -0.8
SONM	comp=Z,30nm,0.4s	Songino Array	48.02 342 P	P	13 46 56.2 -0.1
SONA1	comp=Z,2.95nm,0.7s,baz=157,slow=8.9,SNR=15	Songino Array	48.03 342 eP	P	13 46 55.4 -1.0
PYUN	comp=Z,4.0nm,0.9s	Piuthan	48.47 306 eP	P	13 46 59.1 -1.1
HYU	comp=Z,4.0nm,0.9s	Hyderabad	49.22 290 iP	P	13 47 06.0 +0.1
TYV	comp=Z,185nm,1.0s	Tymovskoe	49.69 13 eP	Pmax	13 47 11.0 +2.2
TYV	comp=Z,185nm,1.0s	Tymovskoe	49.69 13 pmax	pmax	
TYV	comp=N,2um,5.0s	Tymovskoe	51.44 11 eP	P	13 47 21.6 -0.3
NKL	comp=Z,4.6nm,0.7s,baz=198,slow=1.4,SNR=12	Talaya	52.26 342 P	P	13 47 28.3 +0.1
TLY	comp=Z,4.6nm,0.7s,baz=198,slow=1.4,SNR=12	Talaya	52.26 342 eP	P	13 47 29.1 +1.0
TLY	comp=Z,7.0nm,0.9s	Talaya	52.26 342 pmax	pmax	
MOY	comp=Z,7.0nm,0.9s	Mundy	53.10 340 eP	P	13 47 35.3 +0.9
WMQ	comp=Z,7.0nm,0.9s	Urquji	53.30 326 P	P	13 47 37.1 +1.1
WMQ	comp=Z,7.0nm,0.9s	Urquji	53.30 326 pP	pP	13 47 54.5 +2.0
WMQ	comp=Z,7.0nm,0.9s	Urquji	53.30 326 sP	sP	13 48 01.6 +2.0
WMQ	comp=Z,7.0nm,1.2s	Urquji	53.30 326 pmax	pmax	
WMQ	comp=Z,4.1nm,5.2s	Urquji	53.30 326 LR	LR	
WMQ	comp=Z,730nm,13.4s	Urquji	53.30 326 LR	LR	
WMQ	comp=Z,620nm,12.6s	Urquji	53.30 326 LR	LR	
BOD	comp=Z,440nm,17.2s	Bodaibo	55.66 352 eP	Pmax	13 47 53.4 +0.6
PEAO	comp=Z,1.1nm,1.5s	Petrovavlovsk	56.27 22 eP	P	13 47 57.0 -0.2
PEAOB	comp=Z,1.1nm,1.5s	Petrovavlovsk	56.27 22 eP	P	13 47 57.3 +0.1
PETK	comp=Z,9.6nm,0.8s,baz=184,slow=4.0,SNR=12	Petrovavlovsk	56.27 22 eP	P	13 47 58.2 +0.9
PDGK	comp=Z,15nm,1.6s	Podgornoye	57.93 321 P	Pmax	13 48 09.1 -0.3
MK01	comp=Z,5.0nm,0.7s	Makanchi Array	58.13 326 eP	P	13 48 09.7 -0.7
MK31	comp=Z,5.0nm,0.7s	Makanchi Array	58.13 326 iP	P	13 48 09.6 -0.9
MK31	comp=Z,5.0nm,0.7s	Makanchi Array	58.13 326 Pmax	Pmax	
MK31	comp=Z,5.0nm,0.7s	Makanchi Array	58.13 326 eP	P	13 48 09.8 -0.8
MKAR	comp=Z,5.1nm,0.6s,baz=125,slow=8.1,SNR=44	Makanchi Array	58.13 326 P	P	13 48 10.3 -0.2
MKAR	comp=Z,5.1nm,0.6s,baz=125,slow=8.1,SNR=44	Makanchi Array	58.13 326 eP	P	13 48 09.9 -0.6
MAKZ	comp=Z,7.0nm,0.9s	Makanchi	58.31 325 pmax	pmax	13 48 11.0 -0.8
MAKZ	comp=Z,7.0nm,0.9s	Makanchi	58.31 325 eP	P	13 48 10.8 -1.0
KSH	comp=Z,5.5nm,0.8s	Kashi	58.50 316 P	P	13 48 14.6 +1.2
KSH	comp=Z,5.5nm,0.8s	Kashi	58.50 316 pP	pP	13 48 33.4 +3.4
KSH	comp=Z,5.5nm,0.8s	Kashi	58.50 316 sP	sP	13 48 41.7 +4.5
KSH	comp=Z,5.5nm,0.8s	Kashi	58.50 316 PpS	PpS	13 53 05.1 0.0
KSH	comp=Z,5.5nm,0.8s	Kashi	58.50 316 sS	sS	13 56 09.7 -2.8
KSH	comp=Z,5.5nm,0.8s	Kashi	58.50 316 SS	SS	14 00 05.3 -0.6
KSH	comp=Z,6.0nm,0.8s	Kashi	58.50 316 LR	LR	
KSH	comp=Z,570nm,11.5s	Kashi	58.50 316 LR	LR	
MA2	comp=Z,2um,22.4s	Makadag	59.55 14 P	P	13 48 19.3 -0.9
TKM2	comp=Z,8.2nm,0.7s,baz=232,slow=8.2,SNR=5.8	Tokmak 2	60.24 319 P	P	13 48 25.0 -0.5
TKM2	comp=Z,5.0nm,0.9s	Ala-Archa	60.85 318cP	Pmax	13 48 28.8 -0.7
AAK	comp=Z,2.1nm,1.7s	Ala-Archa	60.85 318 eP	P	13 48 26.6 -3.0
AAK	comp=Z,2.1nm,1.7s	Ala-Archa	60.85 318 P	P	13 48 30.4 -1.2
ZAAO	comp=Z,1.0nm,0.6s,baz=269,slow=5.0,SNR=3.6	Zalesovo Array	61.24 333 eP	P	13 48 29.6 -2.1
ZALV	comp=Z,1.0nm,0.6s,baz=269,slow=5.0,SNR=3.6	Zalesovo Beam	61.24 333 P	P	13 48 29.8 -1.9
KBL	comp=Z,1.0nm,0.3s,baz=107,slow=5.1,SNR=7.7	Kabul	61.88 308 eP	Pmax	13 48 35.7 -1.0
KBL	comp=Z,5.0nm,0.8s	Kabul	61.88 308 eP	Pmax	13 48 35.7 -1.0
URZ	comp=Z,5.4nm,0.8s	Urewera	62.07 137 P	P	13 48 36.5 -1.1
MNAS	comp=Z,3.3nm,1.0s,baz=257,slow=2.9,SNR=6.9	Manas	62.12 317 P	P	13 48

Table with columns: Station Name, Frequency, Power, Mode, Band, Time, Azimuth, Elevation, SNR, etc. Includes stations like KALE, Riolos of Patr, PVO, Drossia, etc.

Table with columns: Station Name, Frequency, Power, Mode, Band, Time, Azimuth, Elevation, SNR, etc. Includes stations like ITM, VIL2, VILL, VIL3, etc.

Table with columns: Station Name, Frequency, Power, Mode, Band, Time, Azimuth, Elevation, SNR, etc. Includes stations like JIO, Ouri, YK, Yawu, etc.

NIED 01 13:44:00, 39.80N; 142.20E, h47km, Mw5.7 Best double couple: M3.94000x1017 NP1.8174.00000, S24.00000, L61.00000. NP2.826.00000, S69.00000, L103.00000.

BUI 01 13:44:43.5, 39.67N; 142.30E, h38km, mb5.5/83, mb5.5/66, Ms5.4/94, Ms7.5/387

NEIC 01 13:44:46.0, 0.0, 39.76N; 142.63E, h50km, Moment Tensor Solution. s33 Moment tensor: Scale 10717Nm;

MOS 01 13:44:46.7, 0.9, 39.94N; 142.15E, h47km, mb5.9/123, MS5.2/55 Error ellipse: s-maj=5.9km s-min=-3.9km az=96.0

GCMT 01 13:44:46.7, 0.1, 39.87N; 142.31E, h48km, MW5.7/128, Moment Tensor Solution. s113, c225, s128, c338;

JMA 01 13:44:47.8, 0.1, 39.82N; 142.25E, h43km, mb5.8/100, Broadband fault plane solution: P waves. NP1.8174.00000, S24.00000, L61.00000.

ISC/JB 01 13:44:48.0, 0.2, 39.83N; 142.12E, h57km, mb5.7/502, MS5.3/122 Error ellipse: s-maj=2.5km s-min=1.8km az=153.0

JMA 01 13:44:47.8, 0.1, 39.82N; 142.25E, h43km, mb5.8/100, Broadband fault plane solution: P waves. NP1.8174.00000, S24.00000, L61.00000.

NEIC 01 13:44:47.3, 0.1, 39.84N; 142.08E, h40km, mb5.6/296, MS5.4, MW5.7, MW5.7 Error ellipse: s-maj=2.5km s-min=1.7km az=149.0, Moment Tensor Solution. s60

JMA 01 13:44:47.8, 0.1, 39.82N; 142.25E, h43km, mb5.8/100, Broadband fault plane solution: P waves. NP1.8174.00000, S24.00000, L61.00000.

ISC 01 13:44:47.4, 0.3, 39.85N; 142.19E, h45km, mb5.7/543, MS5.4/130, 244C-51D, Near east coast of eastern Honshu

NEIC Felt [III] at Misawa. Also felt at Ayase, Ichinoseki and Sendai. Recorded [4 JMA] in.

IDC 01 13:44:48.3, 1.2, 39.85N; 142.20E, h50km, mb5.2/37, mb1.5/343, mb1mx5.2/54, mbmp5.5/43, ML4.4/6, MS5.2/44, Ms1.5/144, ms1mx5.1/47 Error ellipse: s-maj=10.3km s-min=8.0km az=87.0

ISC 01 13:44:47.4, 0.3, 39.85N; 142.19E, h45km, mb5.7/543, MS5.4/130, 244C-51D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, etc. Includes stations like Tanohata, Miyakonagasawa, Kuzumaki, etc.

Table with columns: Station Name, Frequency, Power, Mode, Band, Time, Azimuth, Elevation, SNR, etc. Includes stations like JIO, Ouri, YK, Yawu, etc.

KSAR		S	Sn	13 49 40.7 +6.2	
KSAR	Wonju Array Be	11.44 262	P	13 47 31.0 +2.8	
KSAR			S	13 49 40.7 +6.2	
JTA	Tamura	11.63 237	P	13 47 32.7 +1.9	
KLR	Kul'dur	11.96 325	P	13 47 36.1 +0.9	
	comp=Z,0.5nm,0.3s,baz=129,slow=13,SNR=29				
KLR			LR	13 52 17.2	
INCN	comp=Z,1.9um,19.3s,baz=139,slow=38				
	Inchon	12.39 264	P	13 47 42.4 +1.3	
	SNR=18				
INCN	Inchon	12.39 264	Pn	13 47 42.4 +1.3	
	SNR=18				
INCN	Inchon	12.39 264	ePn	13 47 44.8 +3.7	
CN2	Changchun	13.09 293	eP	13 47 51.7 +1.0	
CN2			eS	13 50 20.2 +5.4	
	comp=Z,1.1um,4.0s				
CN2			LR	LR	
CN2	comp=Z,1.3um,14.0s				
CN2			LR	LR	
CN2	comp=Z,2.3um,14.0s				
NKL	Nikolayevsk	13.34 356	iP	13 47 52.0 -2.0	
NKL			iS	13 50 20.0 -0.7	
	comp=N,260nm,1.9s				
NKL			Pmax	Pmax	
NKL	comp=Z,330nm,1.9s				
NKL			Pmax	Pmax	
NKL	comp=N,1.1um,5.0s				
NKL			Pmax	Pmax	
NKL	comp=Z,2um,5.0s				
NKL			Smax	Smax	
NKL	comp=E,2um,10.0s				
NKL			MLR	MLR	
NKL	comp=N,5um,15.0s				
NKL			MLR	MLR	
OKH	Okha	13.71	2iP	13 47 58.1 -0.9	
OKH			iS	13 50 32.6 +2.9	
	comp=Z,900nm,1.6s				
OKH			Pmax	Pmax	
OKH	comp=N,2um,3.5s				
OKH			Smax	Smax	
OKH			Smax	Smax	
SNY	Shenyang	14.23 284	iP	13 48 09.4 -3.0	
SNY			P	13 50 54.0 -7.3	
SNY			S		
SNY	comp=Z,48nm,0.9s				
SNY			Pmax	Pmax	
SNY	comp=Z,5um,8.4s				
SNY			LR	LR	
SNY	comp=Z,1.5um,18.0s				
SNY			LR	LR	
SNY	comp=Z,2.4um,17.8s				
SKR	Severo-Kuril's	14.58 37	eP	13 48 09.9 -0.9	
SKR			iS	13 50 43.7 -7.2	
SKR			Pmax	Pmax	
SKR	comp=Z,730nm,3.2s				
SKR			Pmax	Pmax	
SKR	comp=Z,310nm,4.3s				
SKR			Pmax	Pmax	
SKR	comp=Z,186nm,1.0s				
SKR			MLR	MLR	
SKR	comp=Z,4um,17.5s				
SKR			MLR	MLR	
SKR	comp=Z,4um,18.0s				
DL2	Dalian	15.93 273	iP	13 48 28.8 +0.4	
DL2			iS	13 51 27.9 +4.1	
DL2			SS	13 51 47.8 +1.1	
DL2			Pmax	Pmax	
DL2	comp=Z,370nm,0.8s				
DL2			Pmax	Pmax	
DL2	comp=Z,6um,10.3s				
DL2			LR	LR	
DL2	comp=Z,3um,12.8s				
DL2			LR	LR	
DL2	comp=Z,9um,21.4s				
DL2			LR	LR	
DL2	comp=Z,12um,28.2s				
DL2			LR	LR	
PEA0B	Petrovavlovsk-	16.98 34	ePn	13 48 40.0 -1.5	
	comp=Z,1.65nm,1.2s				
PETK	Petrovavlovsk-	16.98 34	P	13 48 37.7 -3.8	
	comp=Z,0.3nm,0.3s,baz=208,slow=9.2,SNR=6.5				
PETK			LR	13 55 37.0	
PET	comp=Z,3um,18.4s,baz=220,slow=38				
PET	Petrovavlovsk-	17.33 35	eP	13 48 48.0 +1.3	
PET			iS	13 51 59.0 +1.5	
PET			eS		
PET			Pmax	Pmax	
PET	comp=Z,800nm,10.2s				
PET			Pmax	Pmax	
PET	comp=Z,400nm,11.0s				
PET			Pmax	Pmax	
PET	comp=Z,105nm,1.0s				
PET			MLR	MLR	
PET	comp=Z,4um,18.0s				
PET			MLR	MLR	
PET	comp=Z,4um,18.0s				
PET			MLR	MLR	
PET	comp=Z,4um,18.0s				
PET			MLR	MLR	
PET	comp=Z,4um,18.0s				
PET			MLR	MLR	
PET	comp=Z,4um,18.0s				
PET			MLR	MLR	
JOW	Kunigami	17.40 226	P	13 48 43.9 -3.0	
	comp=Z,3.8nm,0.3s,baz=46,slow=13,SNR=13				
JOW	Kunigami	17.40 226	ePn	13 48 44.2 -2.6	
HIA	Hailar	18.50 308	iP	13 48 57.7 -2.0	
HIA			P		
HIA			Pmax	Pmax	
HIA	comp=Z,218nm,0.8s				
HIA			MLR	MLR	
HIA	comp=Z,13um,18.0s				
HIA			P	13 48 57.9 -1.8	
SSE	Sheshan	19.17 249	P	13 49 06.3 -0.9	
SSE			S	13 52 38.3 -3.8	
SSE			Pmax	Pmax	
SSE	comp=Z,28nm,0.5s				
SSE			Pmax	Pmax	
SSE	comp=Z,600nm,5.7s				
SSE			LR	LR	
SSE	comp=Z,4um,20.3s				
SSE			LR	LR	
SSE	comp=Z,2um,20.3s				
SSE			LR	LR	
SSE	comp=Z,4um,15.3s				
BJI	Beijing	19.93 279	P	13 49 13.8 -1.6	
BJI			S	13 52 45.7 -1.1	
BJI			Pmax	Pmax	
BJI	comp=Z,180nm,1.0s				
BJI			Pmax	Pmax	
BJI	comp=Z,1um,3.5s				
BJI			LR	LR	
BJI	comp=Z,5um,16.3s				
BJI			LR	LR	
BJI	comp=Z,8um,18.2s				
BJI			LR	LR	
BJT	Baijiatou	19.94 279	eP	13 49 13.6 -1.9	
BJT			P		
BJT			Pmax	Pmax	
BJT	comp=Z,219nm,0.8s				
BJT			Pmax	Pmax	
TIA	Tai'an	20.05 268	iP	13 49 15.3 -1.5	
TIA			S	13 52 54.7 -5.0	
TIA			PcP	13 53 28.2 -2.8	
TIA			Pmax	Pmax	
TIA	comp=Z,200nm,1.1s				
TIA			Pmax	Pmax	
TIA	comp=Z,2um,3.7s				
TIA			LR	LR	
TIA	comp=Z,3um,12.6s				
TIA			LR	LR	
TIA	comp=Z,12um,16.4s				
TIA			LR	LR	
TIA	comp=Z,14um,16.2s				
NJ2	Nanjing	20.39 255	eP	13 49 19.0 -1.5	
NJ2			P	13 49 28.5 -2.7	
NJ2			P	13 49 32.4 -4.4	
NJ2			S	13 52 55.3 -1.1	
NJ2			SS	13 53 14.1 +2.4	
NJ2			PcP	13 53 31.1 -0.6	
NJ2			Pmax	Pmax	
NJ2	comp=Z,410nm,0.9s				
NJ2			LR	LR	
NJ2	comp=Z,6um,19.5s				
NJ2			LR	LR	

NJ2	comp=Z,4um,14.6s		LR	LR	
CLNS	comp=Z,7um,24.4s				
Chul'man	20.42 332	eP			
		ePP	S	13 48 19.7 -0.9	
		eS	S	13 49 37.0 +0.1	
			S	13 53 03.7 -2.9	
				13 53 27.7	
CLNS	comp=Z,350nm,0.9s		Pmax	Pmax	
CLNS	comp=N,214nm,1.0s				
CLNS			Pmax	Pmax	
CLNS	comp=E,91nm,1.0s				
CLNS			Smax	Smax	
CLNS	comp=N,2um,10.1s				
CLNS			Smax	Smax	
CLNS	comp=E,1um,11.7s				
CLNS			MLR	MLR	
CLNS	comp=E,4um,18.0s				
CLNS			MLR	MLR	
CLNS	comp=N,5um,17.0s				
CLNS			MLR	MLR	
CLNS	comp=Z,7um,16.0s				
MA2	Magadan	20.48 13	P	13 49 21.1 0.0	
	comp=Z,171nm,0.8s,baz=198,slow=9.0,SNR=60				
MA2			LR	13 57 48.3	
YOJ	comp=Z,3um,21.0s,baz=190,slow=39				
Yonaguni jima	22.27 232	eP			
YOJ			P	13 49 39.5 -1.2	
YOJ	comp=Z,144nm,0.8s				
YOJ	Yonaguni jima	22.27 232	eP	13 49 39.5 -1.2	
	comp=Z,144nm,0.8s				
TATO	Taipei	22.84 236	eP	13 49 45.5 -1.3	
	comp=Z,341nm,0.9s				
YHNB	Yeheng	23.13 235	eP	13 49 46.6 -3.2	
	comp=Z,163nm,0.9s				
CIT	Chita	23.17 311	eP	13 49 47.4 -2.6	
CIT			e	13 50 07.3	
CIT			e	13 50 27.7	
CIT			eS	13 53 57.4 -0.8	
CIT			Pmax	Pmax	
TIY	Taiyuan	23.25 274	eP	13 49 47.9 -3.0	
TIY			S	13 53 49.6 -1.0	
TIY			Pmax	Pmax	
TIY	comp=Z,84nm,0.5s				
TIY			Pmax	Pmax	
TIY	comp=Z,630nm,7.0s				
TIY			LR	LR	
TIY	comp=Z,4um,16.0s				
TIY			LR	LR	
TIY	comp=Z,4um,16.6s				
TIY			LR	LR	
TIY	comp=Z,7um,24.1s				
TIY			LR	LR	
HHC	Hu-ho-hao-te	23.31 282	iP	13 49 49.0 -2.5	
HHC			P	13 50 00.7 -1.9	
HHC			S	13 50 05.9 -2.3	
HHC			PP	13 50 21.3 +2.7	
HHC			S	13 53 55.8 -4.9	
HHC			SS	13 54 44.4 +6.4	
HHC			Pmax	Pmax	
HHC	comp=Z,73nm,0.9s				
HHC			Pmax	Pmax	
HHC	comp=Z,750nm,5.0s				
HHC			LR	LR	
HHC	comp=Z,11um,16.2s				
HHC			LR	LR	
HHC	comp=Z,11um,17.7s				
HHC			LR	LR	
HHC	comp=Z,14um,15.9s				
HHC			LR	LR	
NACB	Ninganchiao	23.35 234	eP	13 49 48.2 -3.6	
	comp=Z,65nm,0.8s				
YAK	Yakutsk	23.48 345	P	13 49 51.5 -1.3	
YAK			LR	13 59 38.5	
YAK	comp=Z,6um,18.1s,baz=164,slow=39				
YAK	Yakutsk	23.48 345	ePP	13 49 51.0 -1.8	
YAK			P	13 50 00.0 -4.0	
YAK			S	13 53 43.5	
YAK			S	13 53 56.6 -6.3	
YAK			S	13 54 18.7 -3.9	
YAK			e	14 00 54.5	
YAK			Pmax	Pmax	
YAK	comp=E,169nm,1.1s				
YAK			Pmax	Pmax	
YAK	comp=Z,1um,1.0s				
YAK			Pmax	Pmax	
YAK	comp=N,654nm,1.1s				
YAK			Pmax	Pmax	
YAK	comp=N,173nm,0.9s				
YAK			Pmax	Pmax	
YAK	comp=Z,409nm,0.9s				
YAK			Pmax	Pmax	
YAK	comp=E,317nm,1.1s				
YAK			Smax	Smax	
YAK	comp=E,2um,2.3s				
YAK			Smax	Smax	
YAK	comp=N,2um,2.5s				
YAK			MLR	MLR	
YAK	comp=Z,5um,16.0s				
YAK			MLR	MLR	
YAK	comp=N,3um,15.0s				
YAK			MLR	MLR	
YAK	comp=E,2um,18.0s				
YAK			MLR	MLR	
YAK	comp=E,848nm,0.9s				
YAK			eS	13 54 03.3 +0.5	
YAK	SEY	23.91 12	P	13 49 57.1 +0.3	
	comp=E,673nm,1.1s,baz=183,slow=7.2,SNR=149				
SEY			LR		

WMQ	SS	SS	13 58 40.0	-3.2		
WMQ	SS	SS	14 01 16.1	-5.7		
WMQ	pmax	pmax				
WMQ	comp=Z,280nm,0.8s					
WMQ	comp=Z,1um,4.2s	LR	LR			
WMQ	comp=Z,1um,14.2s	LR	LR			
WMQ	comp=Z,950nm,14.6s	LR	LR			
UBPT	comp=Z,2um,29.6s					
ZAAO	Khong Chiam	40.30 243	P	P	13 52 21.2	+0.8
ZALV	Zalesovo Array	40.52 310	eP	P	13 52 21.9	+0.1
ZALV	Zalesovo Beam	40.52 310	P	P	13 52 22.3	+0.5
ZALV	comp=Z,188nm,0.8s,baz=87,slow=7.5,SNR=334					
ZALV	comp=Z,30nm,0.7s,baz=96,slow=4.5,SNR=4.0					
ZALV	comp=Z,4.2nm,0.8s,baz=88,slow=3.5,SNR=4.4					
ZALV	comp=Z,5.3nm,1.0s,baz=90,slow=8.6,SNR=3.1					
ZALV	comp=Z,8um,18.6s,baz=73,slow=37					
MYLDM	Lahad Datu	40.59 218	eP	P	14 10 00.7	+1.9
SDKM	comp=Z,260nm,1.2s					
KKM	Sandakan	40.82 220	IP	P	13 52 25.8	+1.0
KKM	Kota Kinabalu	40.97 222	IP	P	13 52 26.8	+0.8
KKM	comp=Z,102nm,1.0s					
KKM	Kota Kinabalu	40.97 222	IP	P	13 52 27.8	+1.7
NRIK	Noril'sk	40.99 334	P	P	13 52 25.7	+0.2
NRIK	comp=Z,62nm,0.8s,baz=108,slow=9.2,SNR=61					
NVS	Novosibirsk	41.38 311	IP	PPP	13 52 29.7	+0.8
NVS	comp=Z,10um,20.6s,baz=106,slow=37					
NVS	comp=Z,153nm,1.2s					
NVS	comp=Z,49nm,0.7s					
NVS	comp=Z,142nm,1.2s					
NVS	comp=N,25nm,0.8s					
NVS	comp=E,49nm,0.4s					
NVS	comp=N,2.0nm,0.0s					
NVS	comp=E,11nm,0.6s					
CHGN	Chignik	41.55 46	eP	P	13 52 31.3	+1.0
TSM	Tawau	41.66 218	IP	P	13 52 32.7	+1.1
CMAI	Chienmai2	41.86 255	P	P	13 52 34.3	+0.8
UTTA	Utatarid	42.13 251	P	P	13 52 35.8	+0.4
JAY	Jayapura	42.18 162	LR	LR	14 11 15.4	
JAY	comp=E,31nm,1.1s,comp=E,239nm					
GENI	Genyem	42.28 183	P	P	13 52 47.5	+1.1
LAMP	Lampang	42.30 252	P	P	13 52 37.8	+0.9
LAMP	comp=E,53nm,0.9s,comp=E,411nm					
LBMI	Labuha	42.46 202	P	P	13 52 39.4	+1.2
LBMI	comp=E,119nm,1.5s,comp=E,2um					
PBKT	Sadao Pong	42.59 249	P	P	13 52 39.7	+0.5
PBKT	comp=E,102nm,1.3s,comp=E,2um					
CMMT	Chiang Mai	42.62 253	P	P	13 52 39.9	+0.4
LSA	Lhasa	42.63 273	P	pmax	13 52 41.4	+1.4
LSA	comp=E,140nm,1.1s					
LSA	comp=E,1um,24.0s					
LSA	comp=E,4um,29.1s					
LSA	comp=E,6um,27.4s					
LSA	Lhasa	42.63 273	eP	pmax	13 52 40.9	+0.9
LSA	comp=Z,90nm,0.7s					
LSA	Lhasa	42.63 273	eP	P	13 52 40.9	+0.9
LSA	comp=Z,90nm,0.7s					
CHTO	Chiang Mai	42.63 253	P	P	13 52 39.9	+0.3
CHTO	comp=Z,701nm,0.9s,comp=Z,9um					
CHTO	Chiang Mai	42.63 253	eP	pmax	13 52 39.8	+0.3
CHTO	comp=Z,106nm,0.8s					
CHTO	Chiang Mai	42.63 253	P	P	13 52 40.5	+1.0
CHTO	SNR=21					
CHTO	Chiang Mai	42.63 253	eP	P	13 52 40.5	+1.0
CHTO	comp=Z,106nm,0.8s					
GTOI	Gorontalo	42.77 209	P	P	13 52 40.3	-0.3
TT01	Tatalina	42.77 36	eP	P	13 52 41.5	+1.4
TTA	Tatalina	42.78 36	eP	pmax	13 52 41.5	+1.4
TTA	comp=Z,82nm,1.3s					
TTA	Tatalina	42.78 36	eP	P	13 52 41.6	+1.3
CM31	Chiang Mai Arr	42.85 253	eP	P	13 52 41.7	+0.4
CMAR	Chiang Mai Arr	42.85 253	P	P	13 52 42.2	+0.9
CMAR	comp=Z,44nm,0.8s,baz=45,slow=6.4,SNR=147					
CMAR	comp=Z,16nm,0.8s,baz=40,slow=5.5,SNR=7.2					
CMAR	comp=Z,2.8nm,0.9s,baz=21,slow=2.3,SNR=5.1					
CMAR	Chiang Mai Arr	42.85 253	P	P	13 52 42.2	+0.9
CMAR	comp=Z,40nm,0.8s					
CMAR	comp=Z,16nm,0.8s					
CMAR	comp=N,3.0nm,0.0s					
CM01	Chiang Mai Arr	42.86 253	eP	P	13 52 41.6	+0.2
SVW2	Sparrevohn	42.94 39	eP	P	13 52 43.1	+1.6
SVW2	comp=N,67nm,1.0s					
SUKH	Sukhothai	42.97 251	P	P	13 52 43.0	+0.8
SUKH	comp=N,88nm,0.9s,comp=N,538nm					
MK01	Makanchi Array	43.19 300	eP	P	13 52 44.3	+0.5
MK31	Makanchi Array	43.20 300	iP	P	13 52 44.4	+0.5
MK31	comp=Z,278nm,1.0s					
MK31	Makanchi Array	43.20 300	eP	P	13 52 44.3	+0.5
MKAR	Makanchi Array	43.20 300	P	P	13 52 44.5	+0.6
MKAR	comp=Z,191nm,0.9s,baz=83,slow=9.9,SNR=537					
MKAR	comp=Z,4.9nm,0.8s,baz=86,slow=1.6,SNR=4.3					
MKAR	comp=Z,0.5nm,0.7s,baz=53,slow=6.0,SNR=4.8					
MKAR	Makanchi Array	43.20 300	eP	P	13 52 44.7	+0.8
MRSI	Marisa	43.32 210	P	P	13 52 45.9	+0.8
MRSI	comp=Z,407nm,1.1s,comp=Z,5um					
MAKZ	Makanchi	43.40 300	P	P	13 52 45.6	+0.1
MAKZ	comp=Z,280nm,1.2s					
MAKZ	Makanchi	43.40 300	eP	P	13 52 46.0	+0.5
MAKZ	comp=Z,277nm,0.9s					
FAKI	Fak Fak	43.53 194	P	P	13 52 46.5	-0.3
FAKI	comp=Z,94nm,1.3s,comp=Z,2um					
FAKI	Fak Fak	43.53 194	eP	P	13 52 46.6	-0.1
FAKI	comp=Z,229nm,1.5s					
SRAK	Srakaew	43.55 245	P	P	13 52 44.4	-2.6
SRAK	comp=Z,832nm,0.9s,comp=Z,7um					
SEM	Semipalatinsk	43.76 305	eP	P	13 52 46.4	-2.2
SEM	comp=Z,2um,1.2s					
SEM	comp=Z,582nm,14.1s					
SHL	Shillong	44.11 267	eP	I/Amb	13 52 51.6	0.0
SHL	comp=Z,75nm,0.8s					
SHL	CHBT	44.23 244	ex	S	13 59 19.5	-1.9
SHL	comp=Z,290nm,1.1s					
SANI	Sanana	44.27 204	P	P	13 52 52.7	+0.1
SANI	comp=Z,153nm,1.1s,comp=Z,2um					
OHAK	Old Harbor	44.30 45	eP	P	13 52 52.7	+0.2
OHAK	comp=Z,142nm,1.4s					
RSO	Redoubt South	44.34 40	eP	P	13 52 53.9	+0.9
UMPA	Umpang Tak	44.35 251	P	P	13 52 55.6	+2.2
UMPA	comp=Z,81nm,1.0s,comp=Z,757nm					
LUWI	Luwuk	44.41 208	P	P	13 52 52.6	-1.2
LUWI	comp=Z,218nm,1.0s,comp=Z,2um					
LUWI	comp=Z,210nm,1.0s					
PPLA	Purkeypile	44.53 37	eP	P	13 52 55.4	+1.0
PPLA	comp=Z,160nm,1.2s					

CAST	Castle Rocks	44.57 36	eP	P	13 52 56.2	+1.5
KDAK	Kodiak Island	44.62 44	eP	P	13 52 55.5	+0.4
KDAK	Kodiak Island	44.62 44	eP	P	13 52 55.4	+0.4
SPU	Mount Spurr	44.64 39	eP	P	13 52 56.3	+1.0
MSAI	Masohi	44.68 199	P	P	13 53 01.0	+5.0
KURK	Kurchatov	44.72 306	eP	pmax	13 52 56.4	+0.4
KURK	comp=Z,1um,1.0s					
KURK	Kurchatov	44.72 306	eP	MLR	13 52 56.1	+0.1
KURK	comp=Z,432nm,0.9s					
KURK	Kurchatov	44.72 306	eP	P	13 54 37.9	+0.3
KURK	comp=Z,55nm,1.0s					
KURB	Kurchatov Arra	44.80 306	eP	P	13 52 57.0	+0.4
KURB	comp=Z,191nm,0.8s,baz=81,slow=8.6,SNR=758					
KURBB	Kurchatov	44.80 306	eP	P	13 54 37.9	0.0
KURBB	comp=Z,39nm,0.8s,baz=83,slow=4.0,SNR=5.1					
KURBB	comp=Z,5.6nm,0.9s,baz=86,slow=17,SNR=4.9					
BPWA	Bear Paw Mtn.	45.05 35	eP	P	13 52 59.8	+1.3
KTH	Kantishna Hill	45.09 36	eP	P	13 53 00.3	+1.4
KTH	comp=Z,179nm,1.2s					
PATY	Pattaya	45.13 245	P	P	13 53 00.9	+1.3
PATY	comp=Z,56nm,0.9s					
CMNP	China Poot	45.16 41	eP	P	13 53 00.1	+0.7
CMNP	comp=Z,62nm,1.0s					
SUA	Susitna One	45.26 39	eP	P	13 53 00.6	+0.3
SUA	comp=Z,58nm,0.7s					
BRLK	Bradley Lake	45.32 41	eP	P	13 53 01.0	+0.3
BRLK	comp=Z,53nm,0.9s					
TRF	Thorofore Mtn	45.38 36	eP	P	13 53 02.1	+0.9
TRF	comp=Z,65nm,1.1s					
SRDT	SRDT	45.39 248	P	P	13 53 03.0	+1.3
SRDT	comp=Z,209nm,1.9s,comp=Z,6um					
COLD	Coldfoot	45.41 30	eP	P	13 53 02.6	+1.4
COLD	comp=Z,109nm,1.0s					
PCI	Palu	45.42 212	P	P	13 53 01.6	-0.3
BWN	Browne	45.42 35	eP	P	13 53 05.1	+1.4
BWN	comp=Z,399nm,1.1s					
RC01	Rabbit Creek A	45.77 39	eP	P	13 53 05.5	+1.3
MCK	McKinley	45.97 35	eP	pmax	13 53 06.9	+1.2
MCK	comp=Z,62nm,0.8s					
MCK	McKinley	45.97 35	eP	P	13 53 06.4	+0.7
SEW	Sevier	46.01 40	eP	P	13 53 06.2	+0.3
SEW	comp=Z,126nm,1.3s					
PHET	Kaeng Krachan	46.01 246	P	P	13 53 07.9	+1.4
PHET	comp=Z,123nm,0.8s,comp=Z,995nm					
PMR	Palmer	46.02 38	eP	pmax	13 53 06.5	+0.4
PMR	comp=Z,67nm,1.0s					
PMR	Palmer	46.02 38	eP	P	13 53 06.5	+0.4
PMR	comp=Z,67nm,1.0s					
RND	Reindeer	46.02 36	eP	pmax	13 53 06.6	+0.4
RND	comp=Z,134nm,1.0s					
RND	Reindeer	46.02 36	eP	P	13 53 06.6	+0.4
RND	comp=Z,134nm,1.0s					
PDGK	Podgorye	46.05 296	P	pmax	13 53 07.0	+0.2
PDGK	comp=Z,249nm,1.3s					
SBUM	Sibu	46.10 224	eP	P	13 53 06.9	-0.3
SBUM	comp=Z,61nm,1.3s					
SBUM	Sibu	46.10 224	IP	P	13 53 08.0	+0.8
SHLS	Shalkode	46.12 296	eP	P	13 53 03.0	-4.3
SHLS	comp=Z,1um,1.0s					
SHLS	Shalkode	46.12 296	eS	LR	13 59 43.7	-6.4
SHLS	comp=Z,142nm,1.0s					
MDM	Murphy Dome	46.22 34	eP	P	13 53 09.0	+1.3
MDM	comp=Z,84nm,1.0s					
WRH	Wood River Hill	46.30 34	eP	P	13 53 09.1	+0.8
WRH	comp=Z,55nm,0.9s					
SML	Sawmill	46.38 38	eP	pmax	13 53 09.8	+0.8
SML	comp=Z,90nm,0.8s					
SML	Sawmill	46.38 38	eP	P	13 53 09.8	+0.8
SML	comp=Z,10nm,0.8s					
COLA	College	46.39 34	eP	pmax	13 53 10.6	+1.7
COLA	comp=Z,150nm,1.1s					
COLA	College	46.39 34	eP	P	13 53 10.1	+1.2
COLA	comp=Z,152nm,1.1s					
CCB	Clear Creek Bu	46.42 34	eP	P	13 53 09.8	+0.6
CCB	comp=Z,31nm,1.0s					
KPKS	Kokpek	46.56 296	eP	P	13 53 08.8	-1.9
KPKS	comp=Z,9um,1.3s					
KPKS	Kokpek	46.56 296	eS	LR	13 59 54.1	-2.2
KPKS	comp=Z,403nm,11.0s					
DHY	Denali Highway	46.72 36	eP	P	13 53 12.4	+0.6
DHY	comp=Z,140nm,1.2s					
HLA						

1d 14h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Beeville, Eagle Lake, Monroe, Benavides, Socs Landing, Yeager Farm, etc.

2011 AUG

Table with columns: Station Name, Time, Res, and various codes. Includes stations like PCAS Casnilo, PMRV Marv, PEAR Estremoz, etc.

JMA 01 13:47:25.0±0.1, 39°19'N x 142°39'E, h29km±1km, M4.5,

Near east coast of eastern Honshu

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like OFUJ Ofunato, MIJY Miyakonagasawa, etc.

ISCJB 01 13:48:08.7±0.3, 27°20'N, 0°04'11"E, h100km, mb4.5/23, Error ellipse: s-maj=8.1km s-min=5.0km az=156.2

NEIC 01 13:48:11.8±0.7, 27°28'N, 1°12'0"E, h118km, mb5.4/2, Error ellipse: s-maj=12.4km s-min=7.3km az=81.0

NEIC Recorded [2 JMA] in Tokyo, Honshu. JMA 01 13:48:11.9±0.1, 27°32'N, 1°14'6"E, h120km, M4.7

JMA Feil Ji. IDC 01 13:48:12.4±0.6, 27°34'N, 1°14'14"E, h121km, mb4.1/21, mb1.4, 3/23, mb1mx4.1/47, mbtmp4.5/23, Error ellipse: s-maj=14.9km s-min=9.3km az=84.0

ISC 01 13:48:10.5±0.4, 27°22'N, 0°06'11"E, h100km, mb4.1, 13/951, mb5.0/4/23, 1D, Bonin Islands region

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

Table with columns: Station Name, Time, Res, and various codes. Includes stations like JHJ Hachioji jima, BS04 Odawara, etc.

DDA 01 14:04:22.0, 37°04'N-28°40'E, h12km, Md2.6, Suspected Mining explosion.

ISCJB 01 14:04:22.0±0.4, 37°12'N, 0°03'28"E, 0.3, h0km, Error ellipse: s-maj=4.6km s-min=3.2km az=34.1

CSEM 01 14:04:22.4±0.1, 37°09'N-28°41'E, h8km, Md2.6, Error ellipse: s-maj=4.1km s-min=2.7km az=25.0

ISC 01 14:04:22.2, 37°10'N-28°42'E, h8km, Md2.5

ISK 01 14:04:22.0±0.8, 37°14'N, 0°03'28"E, 0.2, h0km, n34, 0°05'43", Turkey

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

LJU 01 14:04:38.3, 46°39'N-15°07'E, h0km Rockburst

CSEM 01 14:04:38.3, 46°39'N-15°07'E, h0km, Mining explosion., Northwestern Balkan Peninsula

ISCJB 01 14:39:04.6±0.4, 51°51'N, 0°07'175.23W, 0.05, h47km, mb4.1/29, Error ellipse: s-maj=9.5km s-min=3.7km az=167.5

IDC 01 14:39:06.5±2.7, 51°83'N, 175°36'W, h44km±23km, mb3.8/29, mb1.3/9/31, mb1mx3.8/62, mbtmp4.0/31, ML4.7/1, Error ellipse: s-maj=18.7km s-min=10.6km az=164.0

NEIC 14:39:07.5±0.5, 51°74'N, 175°37'W, h56km±3km, mb4.1/6, ML4.2(AE/C), Error ellipse: s-maj=9.9km s-min=3.1km az=165.0

ISC 01 14:39:06.3±0.6, 51°77'N, 0°175.32W, 0.04, h47km, n73, 0°15'27"E, mb4.1/29, Andronof Islands

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like GSMY Great Sitkin M, etc.

GSKC	Great Sitkin C	0.62 303	P	Pn	14 39 19.4 +0.4
GSTD	Great Sitkin T	0.64 306	P	Pn	14 39 19.6 +0.4
ETKA	Kagalaska Isla	0.70 285	P	Pn	14 39 20.2 +0.2
ADAG	Mount Adagadag	0.85 291	P	Pn	14 39 23.3 +1.3
KOKL	Mount Kilochev	0.94 47	P	Pn	14 39 23.8 +0.5
KOEF	Korovin Flat P	1.03 51	P	Pn	14 39 23.9 +0.3
KOSE	Korovin Southe	1.03 49	P	Pn	14 39 25.1 +0.7
KOSE			S	Sn	14 39 39.5 +1.8
KONE	Korovin Northe	1.03 46	P	Pn	14 39 25.5 +1.1
KIRH	Kanaga Island	1.12 282	P	Pn	14 39 26.4 +0.7
KIKV	Kanaga Island	1.17 280	P	Pn	14 39 26.8 +0.5
KIMG	Kanaga Island	1.19 281	P	Pn	14 39 27.0 +0.7
TAPA	Tanaga Point A	1.56 276	P	Pn	14 39 32.3 +0.7
TAPF	Tanaga Flats	1.61 274	P	Pn	14 39 33.0 +0.8
TAFP	Tanaga Falls P	1.67 279	P	Pn	14 39 34.2 +1.1
TAFP			S	Sn	14 39 58.8 +2.4
GAEA	Gareloi East P	2.14 274	P	Pn	14 39 40.5 +1.4
GALAA	Gareloi Lava P	2.15 274	P	Pn	14 39 41.5 +1.8
NIKH	Nikolski High	4.17 69	P	Pn	14 40 08.7 +1.3
UNV	Unalaska Valle	5.77 64 ePn	P	Pn	14 40 32.5 +3.2
SPIA	Saint Paul Isl	6.25 26	P	Pn	14 40 38.7 +2.8
SMY	Shemya	6.95 283	P	Pn	14 40 41.9 +1.4
OHAK	Old Harbor	13.93 58 ePn	P	Pn	14 42 18.5 -2.3
KDAK	Kodiak Island	14.44 56 ePn	Pn	Pn	14 42 27.4 -0.2
PETK	Petropavlovsk	16.50 286	P	Pn	14 42 54.2 0.0
KTH	Kantishna Hill	17.52 38 ePn	P	Pn	14 43 09.0 +1.4
TRF	Thorofare Moun	17.71 39 ePn	P	Pn	14 43 11.3 +1.5
BPWF	Bear Paw Mtn.	17.79 36 ePn	P	Pn	14 43 12.4 +1.9
SML	Samuil	17.80 45 ePn	Pn	Pn	14 43 10.1 -0.2
ILAR	Eielson Array	19.66 37 P	P	Pn	14 43 29.7 -1.3
ILAR	Old Harbor	19.66 37 P	Pn	Pn	14 43 29.7 -1.3
ILAR	1.0m,0.3s,baz=220,slow=9.2,SNR=50		ScP	ScP	14 43 21.7 +1.6
COLD	Coldfoot	19.90 29 ePn	Pn	Pn	14 43 35.7 +0.2
SEY	Seymchan	20.51 316 P	P	Pn	14 43 39.4 -0.8
MA2	Maganid	20.52 306 P	P	Pn	14 43 39.4 -0.8
INK	Inuvik	25.97 34 P	P	Pn	14 44 33.7 -0.3
ASAJ	Asahikawa	28.88 272 P	P	Pn	14 45 00.8 +0.5
KLR	Kul'dur	38.18 287 P	P	Pn	14 45 38.2 +0.1
YKA	Yellowknife Ar	33.44 47 P	P	Pn	14 45 41.1 +0.9
H112	WAKE ISLAND Hy 34.81 210		T	T	15 22 40.8
H113	WAKE ISLAND Hy 34.81 210		T	T	15 22 44.8
H111	WAKE ISLAND Hy 34.83 210		T	T	15 22 52.0
USRK	Ussuriysk Ar.	35.41 279 P	P	Pn	14 45 57.1 -0.4
MJAR	Matushiro Arr	35.98 264 P	P	Pn	14 46 02.5 0.0
H1151	WAKE ISLAND Hy 36.03 210		T	T	15 24 25.4
H1152	WAKE ISLAND Hy 36.03 210		T	T	15 24 26.6
H1153	WAKE ISLAND Hy 36.03 210		T	T	15 24 26.5
NEW	Newport	36.73 72 P	P	Pn	14 46 09.0 +0.2
KSRS	Korea Array	41.80 273 P	P	Pn	14 46 52.2 +1.1
KSAR	Korovin Array B	41.83 273 P	P	Pn	14 46 52.2 +0.9
JNU	Naknatsue	42.77 266 P	P	Pn	14 47 00.3 +1.2
RLMT	Red Lodge	42.98 72 eP	P	Pn	14 47 01.2 +0.3
BW06	Boulder Array	44.14 75 eP	P	Pn	14 47 10.0 -0.2
PDAR	Pinedale Array	44.14 75 P	P	Pn	14 47 11.0 +0.7
ULM	Lac du Bonnet	47.68 59 P	P	Pn	14 47 37.7 -0.1
SONM	Songino Array	48.44 298 P	P	Pn	14 49 09.6 +0.2
TXNR	Lajitas Array	56.48 84 P	P	Pn	14 48 48.2 -0.6
ARCES	ARCCESS Array B	58.14 352 P	P	Pn	14 48 53.2 -1.4
ARCES			P	Pn	14 49 45.2 -0.4
KURK	Kurchatov	60.36 315 P	P	Pn	14 49 10.0 -0.2
KURB	Kurchatov Arra	60.47 315 P	P	Pn	14 49 10.0 -0.9
MKAR	Makanczi Array	61.52 310 P	P	Pn	14 49 16.7 -1.4
BVAR	Borovoye Array	62.04 321 P	P	Pn	14 49 21.1 -0.4
BVAR			P	Pn	14 50 02.0 +0.5
FINES	FINESS Array B	65.94 349 P	P	Pn	14 49 45.8 -1.1
NOA	NORSAR Array B	67.51 357 P	P	Pn	14 49 57.3 +0.3
AKTO	Aktuybinsk	68.66 327 P	P	Pn	14 50 05.2 +0.8
CMAR	Chiang Mai Arr	73.13 278 P	P	Pn	14 50 32.8 +0.8
AKASG	Malin Array B	75.99 344 P	P	Pn	14 50 46.0 -1.4
GEYT	Alibek	79.30 320 P	P	Pn	14 51 04.6 -2.1
GERES	GERESS Array B	79.56 354 P	P	Pn	14 51 07.8 -0.2
WRA	Warrunganga Arr	83.77 227 P	P	Pn	14 51 30.1 -0.2
BRTR	Keskin Array B	85.93 338 P	P	Pn	14 51 37.9 -1.4
FITZ	Fitzroy Crossi	86.39 235 P	P	Pn	14 51 43.1 +0.5
ASAR	Alica Springs	87.21 319 P	P	Pn	14 51 48.1 +0.7
TORD	Torodi Ar. Bea	115.39 3 PKP	PKP	Pn	14 57 42.6 -0.4
MAW	Mawson	148.06 218 PKPbc	PKPbc	Pn	14 58 45.5 +0.5
BOSA	Boshof	159.29 318 PKPbc	PKPbc	Pn	14 58 57.0 +0.3

CKHZ	Cape Kidnapper	2.14 98	Pn	Pn	14 40 33.6 -0.2
CKHZ	Cape Kidnapper	2.14 98	PN	Pn	14 40 33.6 -0.2
CKHZ			AML	AML	14 40 32.8 -0.9
PAWZ	Paruawai Farm	2.15 157	Pn	Pn	14 40 32.8 -0.9
PAWZ	Paruawai Farm	2.15 157	PN	Pn	14 40 33.8 -0.2
PAWZ			AML	AML	14 40 33.8 -0.1
TRWZ	Traveller	2.25 153	Pn	Pn	14 40 33.8 -0.2
TRWZ	Traveller	2.25 153	PN	Pn	14 40 33.8 -0.2
PLWZ	Palliser	2.28 162	Pn	Pn	14 40 34.2 0.0
PLWZ	Palliser	2.28 162	PN	Pn	14 40 34.2 0.0
PLWZ			AML	AML	14 40 34.0 -0.3
PLWZ	Waihua	2.28 83	Pn	Pn	14 40 34.0 -0.3
WHHZ			AML	AML	14 40 34.2 0.2
WHHZ			AML	AML	14 40 34.0 -0.4
BSWZ	Blackbirch Sta	2.34 188	Pn	Pn	14 40 34.0 -0.4
BSWZ	Blackbirch Sta	2.34 188	PN	Pn	14 40 34.0 -0.4
BSWZ			AML	AML	14 40 34.8 +0.6
BSWZ			AML	AML	14 40 34.5 -0.3
SNZG	Shannon Statio	2.42 76	Pn	Pn	14 40 35.2 -0.1
SNZG	Shannon Statio	2.42 76	PN	Pn	14 40 35.2 -0.1
SNZG			AML	AML	14 40 36.6 +0.2
URZU	Urewera	2.46 63	Pn	Pn	14 41 06.2 0.0
URZU	Urewera	2.46 63	PN	Pn	14 41 06.2 0.0
URZU			AML	AML	14 41 08.0 0.0
RAGZ	Rawiri	2.57 70	Pn	Pn	14 41 08.0 0.0
RAGZ	Rawiri	2.57 70	PN	Pn	14 41 08.0 0.0
RAGZ			AML	AML	14 41 10.5 0.0
THZ	Tophouse	2.60 204	PN	Pn	14 41 07.0 -0.1
THZ	Tophouse	2.60 204	PN	Pn	14 41 08.0 -2.9
KNZ	Kokohu	2.63 83	PN	Pn	14 41 06.5 0.0
KNZ	Kokohu	2.63 83	PN	Pn	14 40 37.4 -0.1
KNZ			AML	AML	14 41 08.0 0.0
MWZ	Matawai	2.72 68	PN	Pn	14 41 08.1 0.0
RIGZ	Rimuahu	2.76 77	PN	Pn	14 41 08.1 0.0
RIGZ			AML	AML	14 41 07.3 0.0
MHGZ	Mania Peninsula	2.79 86	PN	Pn	14 41 07.3 0.0
PRGZ	Paritu Road	2.81 81	PN	Pn	14 41 07.6 0.0
PRGZ	Paritu Road	2.81 81	PN	Pn	14 40 37.4 -0.2
PRGZ			AML	AML	14 41 07.4 0.0
TKGZ	Te Karaka	2.91 72	PN	Pn	14 40 37.8 0.0
TKGZ	Te Karaka	2.91 72	PN	Pn	14 41 10.6 0.0
TKGZ			AML	AML	14 41 10.9 0.0
DSZ	Raukumara Rang	2.99 62	PN	Pn	14 40 37.7 -0.3
DSZ	Denniston Nort	3.03 219	PN	Pn	14 41 11.1 0.0
DSZ	Denniston Nort	3.03 219	PN	Pn	14 40 38.3 -0.1
KHZ	Kahutara	3.07 191	PN	Pn	14 40 38.3 -0.1
KHZ	Kahutara	3.07 191	PN	Pn	14 41 09.9 0.0
KHZ			AML	AML	14 41 11.4 0.0
TKGZ	Tauwhareparae	3.10 68	PN	Pn	14 41 08.5 -0.4
TKGZ	Tauwhareparae	3.10 68	PN	Pn	14 40 38.1 -0.4
TKGZ			AML	AML	14 41 09.5 0.0
TKGZ			AML	AML	14 40 38.8 +0.2
CNGZ	Carnagh Statio	3.16 74	PN	Pn	14 40 38.8 +0.2
CNGZ	Carnagh Statio	3.16 74	PN	Pn	14 41 10.6 0.0
HAZ	Hahaione	3.17 60	PN	Pn	14 41 10.6 0.0
PKGZ	Pakihiroa	3.30 64	PN	Pn	14 40 38.6 -0.3
PUZ	Puketitiro	3.35 68	PN	Pn	14 40 38.6 -0.3
PUZ	Puketitiro	3.35 68	AML	AML	14 41 08.5 0.0
WVGZ	Waioamatini S	3.57 65	PN	Pn	14 41 08.3 +0.3
WVGZ	Waioamatini S	3.57 65	PN	Pn	14 40 39.3 +0.3
WVGZ			AML	AML	14 41 15.0 0.0
MXZ	Matakaoa Point	3.62 61	PN	Pn	14 41 15.0 0.0
MXZ	Matakaoa Point	3.62 61	PN	Pn	14 40 39.0 -0.3
INZ	Inchbonnie	3.97 112	PN	Pn	14 40 39.0 -0.3
OXZ	Oxford	4.29 203	PN	Pn	14 41 12.2 0.0
OXZ	Oxford	4.29 203	PN	Pn	14 40 39.1 -0.2
CRZL	Canterbury Las	4.37 196	PN	Pn	14 41 11.2 0.0
CRZL	Canterbury Las	4.37 196	PN	Pn	14 41 11.2 0.0
WVZ	Waikanae's Vall	4.48 196	PN	Pn	14 41 11.2 0.0
WVZ	Waikanae's Vall	4.48 196	PN	Pn	14 40 39.5 -0.1
MWZ	Matawai Valley	4.56 215	PN	Pn	14 40 39.5 -0.1
WVZ	Waikanae Valley	4.56 215	PN	Pn	14 41 11.5 0.0
RPZ	Rata Peaks	4.96 209	PN	Pn	14 41 11.7 0.0
RPZ	Rata Peaks	4.96 209	PN	Pn	14 40 39.8 -0.4
FPZ	Fox Glacier	5.34 218	PN	Pn	14 41 10.3 +0.7
FPZ	Fox Glacier	5.34 218	PN	Pn	14 41 12.8 0.0
LBZ	Lake Benmore	5.86 210	PN	Pn	14 41 13.6 0.0
LBZ	Lake Benmore	5.86 210	PN	Pn	14 40 39.8 -0.4
JCZ	Jackson Bay	6.24 220	PN	Pn	14 40 39.8 -0.4
JCZ	Jackson Bay	6.24 220	PN	Pn	14 41 11.8 0.0
ODZ	Ohau Downs	6.27 205	PN	Pn	14 41 11.8 0.0
ODZ	Ohau Downs	6.27 205	PN	Pn	14 41 12.0 0.0
WKZ	Wanaka	6.71 214	PN	Pn	14 41 12.1 0.0
WKZ	Wanaka	6.71 214	PN	Pn	14 40 41.2 +0.5
EAZ	Earnsclough	6.91 211	PN	Pn	14 40 41.2 +0.5
EAZ	Earnsclough	6.91 211	PN	Pn	14 41 15.6 0.0
EAZ			AML	AML	14 40 40.5 -0.2
TUZ	Tuapeka	7.41 206	PN	Pn	14 40 40.5 -0.2
TUZ			AML	AML	14 41 14.2 0.0
TUZ			AML	AML	14 41 15.5 0.0
TUZ			AML	AML	14 41 15.6 0.0
NNZ	Nelson	1.96 201	PN	Pn	14 40 40.2 -0.4
NNZ	Nelson	1.96 201	PN	Pn	14 40 40.2 -0.4
ANWZ	Angora Road	1.96 123	PN	Pn	14 40 40.9 +0.2
ANWZ			AML	AML	14 41 13.8 0.0
ANWZ			AML	AML	14 41 15.3 0.0
MTW	Mount Morrison	1.98 153	PN	Pn	14 40 40.5 -0.4
MTW	Mount Morrison	1.98 153	PN	Pn	14 40 40.5 -0.4
MTW			AML	AML	14 41 13.0 0.0
PRHZ	Porangahau	1.98 117	PN	Pn	14 40 41.1 +0.3
PRHZ	Porangahau	1.98 117	PN	Pn	14 40 41.1 +0.3
PRHZ			AML	AML	14 41 17.1 0.0
QRZ	Quartz Range	1.98 223	PN	Pn	14 40 39.8 -1.1
QRZ	Quartz Range	1.98 223	PN	Pn	14 40 39.8 -1.1
KAHZ	Kahuranaki	2.01 102	PN	Pn	14 40 41.8 +0.5
KAHZ			AML	AML	14 41 15.0 0.0
KAHZ			AML	AML	14 41 16.3 0.0
TUWZ	Tuamarina	2.05 188	PN	Pn	14 40 40.9 -0.5
TUWZ	Tuamarina	2.05 188	PN	Pn	14 40 40.9 -0.5
TUWZ			AML	AML	14 41 13.7 0.0
TUWZ			AML	AML	14 41 14.5 0.0
BHW	Baring Head	2.05 168	PN	Pn	14 40 40.9 -0.5
BHW	Baring Head	2.05 168	PN	Pn	14 40 40.9 -0.5
BHW			AML	AML	14 41 14.3 0.0
PXZ	Pawanui	2.06 109	PN	Pn	14 40 41.8 +0.2
PXZ	Pawanui	2.06 109	PN	Pn	14 40 41.8 +0.2
PXZ			AML	AML	14 41 16.8 0.0
PXZ			AML	AML	14 41 16.9 0.0
PXZ			AML	AML	14 41 16.9 0.0
ARHZ	Aropo				

Table with columns: Station Name, Code, Time, Res, and various data points. Includes stations like MKAR, CMAR, ILAR, ARU, etc.

JMA 01 14:58:10.3... Near south coast of eastern Honshu

Table with columns: Code, Station Name, Time, Res, and data points. Includes stations like JIZS, JSG, SHZ3, etc.

NIED 01 14:58:00.34... Best double couple: M=5.90000x10^17...

IDC 01 14:58:07.0... mb1 5.7/39, mb1mx5/7.40, mbtmp5/6.39...

NEIC 01 14:58:08.0... Moment Tensor Solution. s44 Moment tensor: Scale 10^17Nm;

GCMT 01 14:58:09.1... Moment Tensor Solution. s121,c268; s141,c466;

NEIC 01 14:58:09.1... ME6.3, MS5.6/298, MW5.8, MW5.9, MW5.9 Error ellipse: s-maj=2.4km...

MOS 01 14:58:10.0... MOS 01 14:58:10.0... 0.34, 66N, 138E, h30km, mb6.3/95,

JMA 01 14:58:11.0... JMA 01 14:58:11.0... 0.1, 34, 71N, 138E, h23km, 2km, M6.2;

ISCJB 01 14:58:09.0... ISCJB 01 14:58:09.0... 0.3, 94, 62N, 0.01, 138E, 44E, 0.01, h25km, 1km,

ISC 01 14:58:10.6... ISC 01 14:58:10.6... 0.3, 34, 67N, 0.02, 138E, 52E, 0.02, h23km, 1km,

JMA 01 14:58:10.3... JMA 01 14:58:10.3... 0.2, 34, 70N, 138E, 55E, h18km, 4km, 4C-4D,

Table with columns: Code, Station Name, Time, Res, and data points. Includes stations like JSG, JIZS, SHZ3, etc.

Table with columns: Code, Station Name, Time, Res, and data points. Includes stations like JYN, JNY, JIM2, etc.

Main table with columns: Station Name, Code, Time, Res, and data points. Includes stations like BSO3, TSUJ, JUNG, etc.

Main table with columns: Station Name, Code, Time, Res, and data points. Includes stations like HABB, HABB, DL2, etc.

1d 14h

MKAR	comp=Z,52nm,0.9s,baz=85,slow=5.2,SNR=8.0	PcP	PcP	15 08 00.0+0.4
MKAR	comp=Z,5.0nm,0.9s,baz=75,slow=9.3,SNR=4.2	ScP	ScP	15 11 49.5 -0.1
MKAR	comp=Z,6µm,18.4s,baz=87,slow=38	LR	LR	15 25 40.5
MKAR	comp=Z,0.6nm,0.8s,baz=70,slow=4.6,SNR=4.3	P4KPbc	P4KPbc	15 44 08.4
MAKZ	Makanchi 43.64 304	eP	eP	15 06 13.4 +0.1
MAKZ	comp=Z,270nm,1.1s	pmax	pmax	
MAKZ	comp=Z,272nm,1.1s	LR	LR	15 06 13.4 +0.1
SKLT	comp=Z,6µm,19.0s	P	P	15 06 20.8 +1.9
SKLT	comp=Z,167nm,1.1s,comp=Z,2µm	P	P	
SURT	Suratani 44.45 244	P	P	15 06 22.0 +2.0
SURT	comp=Z,127nm,1.4s,comp=Z,2µm	P	P	
NRIK	Noril'sk 44.47 337	P	P	15 06 19.3 -0.2
NRIK	comp=Z,244nm,1.0s,baz=118,slow=2,SNR=184	LR	LR	15 25 22.8
NRIK	comp=Z,17µm,20.2s,baz=118,slow=2	LR	LR	15 06 19.3 -0.2
NRIK	comp=Z,244nm,1.0s	pmax	pmax	
NRIK	comp=Z,17µm,20.2s	MLR	MLR	
TRTT	Trang 44.53 242	P	P	15 06 22.2 +1.5
TRTT	comp=Z,233nm,1.3s,comp=Z,3µm	P	P	
SEM	Semipalatinsk 44.56 309	eP	eP	15 06 18.1 -2.7
SEM	comp=Z,1µm,1.4s	eS	eS	15 12 51.9 -3.3
SEM	comp=Z,4µm,11.8s	LR	LR	15 22 30.4
PMG	Port Moresby 44.59 168	LR	LR	15 06 20.4 -0.7
PMG	comp=Z,4µm,21.9s,baz=342,slow=33	eP	eP	
PMG	Port Moresby 44.59 168	eP	eP	15 06 20.4 -0.7
PMG	comp=Z,97nm,0.9s	eP	eP	15 06 20.2 -0.9
PMG	comp=Z,65nm,1.1s	eP	eP	15 06 23.4 0.0
RAMN	Ramite 44.84 275	eP	eP	15 06 23.4 0.0
RAMN	comp=Z,679nm,1.1s	eP	eP	15 06 24.5 +0.4
JIRN	Jiri 44.91 276	eP	eP	15 06 25.5 +0.2
GUN	Gumba 45.07 276	eP	eP	15 06 30.3 +2.0
GUN	comp=Z,2µm,1.8s	P	P	
PKDT	Phuket 45.49 244	P	P	15 06 30.3 +2.0
PKDT	comp=Z,505nm,1.1s,comp=Z,6µm	P	P	
KURK	Kurchatov 45.58 310	pmax	pmax	15 06 28.4 -0.2
KURK	comp=Z,580nm,1.0s	pmax	pmax	
KURK	Kurchatov 45.58 310	eP	eP	15 06 28.5 -0.1
KURK	comp=Z,589nm,1.0s	LR	LR	
KURK	comp=Z,6µm,19.0s	eP	eP	15 06 29.2 -0.2
PKI	Pulchoki 45.58 276	eP	eP	15 06 29.1 -0.3
PKI	comp=Z,796nm,1.5s	eP	eP	
PKIN	Phulchoki 45.59 276	eP	eP	15 06 29.1 -0.3
PKIN	comp=Z,227nm,1.1s	eP	eP	
KULM	Kulim 45.59 239	eP	eP	15 06 29.1 0.0
KULM	comp=Z,230nm,1.0s	eP	eP	
KULM	Kulim 45.59 239	IP	IP	15 06 30.1 +1.0
KULM	Kakani 45.60 277	eP	eP	15 06 29.4 0.0
KULM	comp=Z,946nm,1.5s	eP	eP	
MMRI	Maumere 45.75 203	eP	eP	15 06 29.0 -1.3
MMRI	comp=Z,155nm,1.0s	eP	eP	
DMN	Daman 45.81 276	eP	eP	15 06 31.0 -0.1
DMN	comp=Z,698nm,1.5s	eP	eP	
PDGK	Podgornoye 45.84 299	P	P	15 06 30.5 -0.5
PDGK	comp=Z,448nm,1.1s	pmax	pmax	
SHLS	Shalkode 45.89 299	iP	iP	15 06 26.2 -5.2
SHLS	comp=Z,598nm,1.6s	eS	eS	15 13 06.3 -8.1
SHLS	comp=Z,2µm,11.1s	LR	LR	15 25 24.0
IPM	Iphoh 45.90 238	eP	eP	15 06 30.9 -0.7
IPM	comp=Z,132nm,1.0s	LR	LR	
IPM	comp=Z,5µm,20.0s	IP	IP	15 06 31.4 -0.2
IPM	Iphoh 45.90 238	IP	IP	15 06 31.9 -0.2
MYKOM	Kota Tinggi 45.97 232	eP	eP	15 06 32.2 +0.2
MYKOM	comp=Z,97nm,1.5s	IP	IP	
KOTX	Kota Tinggi 45.97 232	IP	IP	15 06 32.2 +0.2
EDFI	Ende, Flores 46.03 203	P	P	15 06 32.3 -0.3
GKN	Gorkha 46.05 277	eP	eP	15 06 32.8 -0.1
GKN	comp=Z,2µm,1.5s	eP	eP	
SDPT	Sand Point 46.13 44	eP	eP	15 06 32.1 -0.8
SDPT	comp=Z,135nm,0.7s	eP	eP	
KGM	Kluang 46.14 233	IP	IP	15 06 34.0 +0.6
KGM	Soe 46.20 200	P	P	15 06 32.4 -1.6
KGM	Soe 46.20 200	eP	eP	15 06 32.5 -2.8
KGM	Soe 46.20 200	eP	eP	15 06 38.1
DGPR	DIGLIPUR 46.37 254	eP	eP	15 06 35.9 +0.6
DGPR	comp=Z,25µm,5.1s	IAMB	IAMB	
FRIM	Kepong 46.38 236	IP	IP	15 06 32.9 -2.4
KPKS	Kokpek 46.39 300	iP	iP	15 13 19.0 -2.7
KPKS	comp=Z,1µm,0.9s	iS	iS	15 26 01.6
KPKS	comp=Z,5µm,12.9s	S	S	15 06 34.7 -2.5
ZHN	Zhinshke 46.63 299	iP	iP	15 13 21.7 -3.4
ZHN	comp=Z,546nm,1.6s	eS	eS	15 25 39.4
ZHN	comp=Z,4µm,15.5s	LR	LR	15 06 34.8 -2.7
SATY	Saty 46.67 299	eP	eP	15 13 22.2 -3.5
SATY	comp=Z,1µm,1.7s	LR	LR	15 26 17.0
SATY	comp=Z,6µm,13.5s	S	S	15 06 38.2 +0.1
BOK	Bokaro 46.74 271	eP	eP	15 06 40.4 +0.1
KOLN	Koldanda 46.79 277	eP	eP	15 06 41.3 -0.6
KOLN	comp=Z,945nm,1.5s	eP	eP	
CHGN	Chignik 47.29 43	eP	eP	15 06 43.5 +0.3
PYUN	Piuthan 47.36 278	eP	eP	15 06 42.4 -2.6
PYUN	comp=Z,3µm,1.5s	eP	eP	
MDOK	Medeo 47.62 300	iP	iP	15 13 35.9 -3.4
MDOK	comp=Z,2µm,1.4s	LR	LR	15 27 02.2
MDOK	comp=Z,3µm,14.0s	eS	eS	15 06 47.1 +1.5
AAA	Alma-Ata 47.71 300	eP	eP	15 13 45.3 +4.9
AAA	comp=Z,2µm,2.1s	pmax	pmax	
AAA	comp=N,4µm,5.3s	smax	smax	
AAA	comp=Z,16µm,15.0s	MLR	MLR	15 06 43.7 -1.9
AAA	Alma-Ata 47.71 300	eP	eP	15 13 37.8 -2.6
AAA	comp=Z,3µm,1.6s	LR	LR	15 27 04.0
MTN	Manton Dam 47.77 190	eP	eP	15 06 43.9 -2.1
MTN	comp=Z,4µm,15.2s	eS	eS	
KUU	Kury 47.99 301	iP	iP	15 06 45.2 -2.5
KUU	comp=Z,86nm,1.0s	iS	iS	15 13 41.0 -3.2
KUU	comp=Z,4µm,1.5s	LR	LR	15 27 09.2
HNR	Honiara 48.33 151	P	P	15 06 54.0 +3.6
HNR	comp=Z,165nm,0.9s	pmax	pmax	15 06 51.5 +1.1
HNR	comp=Z,8µm,22.0s	MLR	MLR	
HNR	Honiara 48.33 151	eP	eP	15 06 51.5 +1.1
HNR	comp=Z,165nm,0.9s	LR	LR	
HNR	comp=Z,8µm,22.0s	LR	LR	
BWNR	Bhubaneswar 48.40 267	eP	eP	15 06 50.5 -0.6
COEN	Coen 48.56 174	eP	eP	15 06 51.5 -0.7
COEN	comp=Z,65nm,1.0s	LR	LR	15 27 18.8
PSI	Prapat 48.56 238	LR	LR	15 06 52.2 -0.3
PSI	comp=Z,3µm,21.5s,baz=40,slow=36	eP	eP	
PSI	Prapat 48.56 238	eP	eP	15 06 51.6 -0.9
PSI	comp=Z,110nm,1.1s	eP	eP	
PSI	Prapat 48.56 238	eP	eP	15 06 51.6 -0.9
PSI	comp=Z,106nm,1.1s	eP	eP	
BMNS	Besnoynak 48.62 300	iP	iP	15 06 50.0 -2.8
BMNS	comp=Z,5µm,1.1s	eS	eS	15 13 50.2 -3.3

2011 AUG

BMNS	comp=Z,5µm,14.4s	LR	LR	15 26 55.1
TT01	Talina 48.69 34	eP	P	15 06 53.6 +0.9
TTA	Talina 48.69 34	eP	P	15 06 54.0 +1.2
TTA	comp=Z,65nm,1.3s	pmax	pmax	
TTA	Talina 48.69 34	eP	P	15 06 53.8 +0.9
TKM2	Tokmak 2 48.72 299	P	P	15 06 54.7 +1.2
TKM2	comp=Z,738nm,1.7s	pmax	pmax	
SVW2	Sparrevohn 48.82 36	eP	P	15 06 55.4 +1.6
SVW2	comp=Z,113nm,1.0s	P	P	
BKNI	Bangkinang 48.91 234	eP	P	15 06 56.1 +1.1
BKNI	Bangkinang 48.91 234	eP	P	15 06 54.9 -0.1
BKNI	comp=Z,729nm,1.2s	P	P	
KSH	Kashi 49.25 295	iP	iP	15 07 01.7 +4.2
KSH	comp=Z,11µm,15.7s	eP	eP	15 07 05.7 -1.8
KSH	comp=Z,11µm,12.9s	eP	eP	15 07 08.5 +3.8
KSH	comp=Z,12µm,13.2s	eP	eP	15 08 23.6 +3.3
KSH	comp=Z,12µm,13.2s	eP	eP	15 12 16.8 +2.7
KSH	comp=Z,12µm,13.2s	eP	eP	15 12 19.0 +2.1
KSH	comp=Z,12µm,13.2s	eP	eP	15 14 07.8 +5.5
KSH	comp=Z,12µm,13.2s	eP	eP	15 16 49.8 +1.5
KSH	comp=Z,140nm,1.1s	pmax	pmax	
KSH	comp=Z,2µm,5.6s	LR	LR	
KSH	comp=Z,11µm,12.9s	LR	LR	
KSH	comp=Z,12µm,13.2s	LR	LR	
KSH	comp=Z,11µm,15.7s	LR	LR	
MLSI	Meulaboh, Aceh 49.34 242	P	P	15 06 58.2 -0.1
MLSI	comp=Z,303nm,1.6s	P	P	
CMBY	CAMPBELL BAY 49.37 247	eP	P	15 06 57.6 -0.8
BTLS	Baital 49.37 303	iP	P	15 06 55.7 -2.5
BTLS	comp=Z,524nm,1.5s	iS	S	15 14 00.4 -3.2
BTLS	comp=Z,1µm,11.3s	LR	LR	15 28 26.2
FRU	Bishkek 49.44 300	iP	S	15 06 58.0 -0.8
FRU	comp=Z,640nm,1.8s	eS	pmax	15 14 04.0 -0.7
FRU	comp=E,760nm,3.6s	smx	smx	
FRU	comp=Z,16µm,15.5s	MLR	MLR	
BRZS	Berezinski 49.44 309	iP	P	15 06 56.4 -2.3
BRZS	comp=E,803nm,1.2s	eS	S	15 14 01.7 -2.8
BRZS	comp=Z,205nm,11.9s	LR	LR	15 27 42.8
JOHN	Johnston Island 49.55 97	PFAKE	PFAKE	15 07 10.0 +1.0
JOHN	comp=Z,3µm,20.0s	LR	LR	
AAK	Ala-Archa 49.57 299	iP	pmax	15 06 59.7 -0.3
AAK	comp=Z,489nm,1.4s	pmax	pmax	
AAK	Ala-Archa 49.57 299	MLR	MLR	
AAK	Ala-Archa 49.57 299	P	P	15 07 00.7 +0.7
AAK	Ala-Archa 49.57 299	P	P	15 07 00.7 +0.7
AAK	Ala-Archa 49.57 299	eP	eP	15 07 00.4 +0.4
AAK	comp=Z,213nm,1.3s	LR	LR	
OHAK	Old Harbor 50.08 41	eP	P	15 07 03.3 -0.1
OHAK	comp=Z,10µm,20.0s	LR	LR	
OHAK	comp=Z,119nm,1.0s	LR	LR	
RSO	Roubuit South 50.20 37	eP	P	15 07 05.3 +0.8
KDAK	Kodiak Island 50.42 40	eP	pmax	15 07 06.3 +0.4
KDAK	comp=Z,210nm,1.0s	eP	P	15 07 06.3 +0.4
KDAK	comp=Z,211nm,1.0s	LR	LR	
PPLA	Purkeyple 50.44 34	eP	P	15 07 07.7 +1.4
PPLA	comp=Z,5µm,20.0s	eP	P	
BVAO	Borovoye Arr 50.45 313	P	pmax	15 07 06.5 +0.2
BVAO	comp=Z,392nm,1.4s	pmax	pmax	
CAST	Castle Rocks 50.49 33	eP	P	15 07 07.9 +1.4
CAST	comp=Z,71nm,1.0s	eP	P	
BRVK	Borovoye 50.51 313	eP	pmax	15 07 06.8 0.0
BRVK	comp=Z,510nm,1.1s	eP	pmax	
BRVK	Borovoye 50.51 313	eP	P	15 07 06.8 0.0
BRVK	comp=Z,506nm,1.1s	LR	LR	
BRVK	comp=Z,13µm,18.0s	LR	LR	
DDI	Dehra Dun 50.52 283	eP	P	15 07 06.6 -0.6
SPU	Spurr 50.53 36	eP	P	15 07 07.7 +0.9
GSI	Gunungsitoli 50.57 238	eP	P	15 07 06.9 -0.7
GSI	comp=Z,1µm,1.3s	eP	P	
CHLP	Challavanipeta 50.71 266	eP	IAMB	15 07 08.7 0.0
CHLP	comp=Z,529nm,1.2s	IAMB	IAMB	15 07 10.8
CHLP	comp=Z,2µm,16.3s	eS	IVMs_BB	15 14 24.2 +1.4
CHLP	comp=Z,2µm,16.3s	IVMs_BB		

ILULI	Ilulissat	76.18	4	iP	P	15 09 56.6	+0.2
ILULI	comp=Z,3um,15.0s			MLR	MLR		
AFDM	Forest Hills D	76.27	52	eP	P	15 09 58.1	+0.5
AFDM	comp=Z,170nm,1.3s						
AFDM	comp=Z,2um,20.0s						
SCER	sogukcermik	76.34	309	iP	P	15 09 58.5	+0.5
CHMT	Chamberlain Mo	76.38	42	eP	P	15 09 58.3	+0.1
OSL	Oslo	76.41	336	iP	P	15 09 58.0	+0.2
OSL	comp=Z,3um,1.2s						
OSL	IVMs_BB	IVMs_BB				15 01 23.8	
CUKAN	kangal_SIVAS	76.42	308	iP	P	15 09 59.6	+1.0
TOKA	Tokai	76.50	310	iP	P	15 09 58.9	+0.1
ABTO	Aybut	76.50	282	P	P	15 09 58.8	-0.4
ABTO	SNR=15						
ABTO	Aybut	76.50	282	P	P	15 09 58.8	-0.4
ABTO	SNR=15						
KLNR	Kaliningrad	76.52	328	iP	P	15 09 58.3	-0.2
KLNR	comp=Z,315nm,1.2s						
KLNR	MLR	MLR					
KLNR	MLR	MLR					
HAVZ	Havza	76.55	311	iP	P	15 10 00.2	+1.1
AKCD	Akadag	76.69	307	iP	P	15 09 59.9	-0.2
SORM	Soroca	76.70	320	iP	P	15 09 59.5	-0.2
BOYT	Boyabat	76.86	311	iP	P	15 10 01.7	+0.9
OUZ	Omahuta	76.87	151	eP	P	15 10 02.2	+1.6
OUZ	comp=Z,131nm,1.4s						
OUZ	LR	LR					
PAHR	Pat Rah Range	76.87	51	eP	P	15 10 01.8	+0.7
PAHR	comp=Z,267nm,1.1s						
ATAB	Bozova	76.90	306	iP	P	15 10 01.0	-0.1
CUALT	Altinyaya-SIV	76.90	309	iP	P	15 10 02.0	+0.8
FOO	Floro	76.93	339	iP	P	15 10 00.9	+0.2
FOO	comp=Z,2um,3.6s					15 10 01.6	
FOO	eP	P				15 10 08.7	+0.5
FOO	eS	S				15 19 46.9	-0.2
FOO	IVMs_BB	IVMs_BB				15 50 21.2	
FFC	Flin Flon	76.95	31	eP	P	15 10 01.4	+0.4
FFC	Flin Flon	76.95	31	eP	P	15 10 01.1	+0.1
FFC	comp=Z,184nm,1.3s						
FFC	LR	LR					
FFC	LR	LR					
MFID	Camas Ranch	76.95	46	eP	P	15 10 02.5	+1.1
MFID	comp=Z,257nm,1.4s						
KONO	Kongsberg	77.01	336	iP	P	15 10 01.3	+0.1
KONO	comp=Z,2um,2.9s					15 19 48.3	+0.3
KONO	eS	S				15 48 42.9	
KONO	IVMs_BB	IVMs_BB				15 50 21.2	
KONO	comp=Z,3um,14.0s						
KONO	Kongsberg	77.01	336	eP	P	15 10 01.0	-0.2
KONO	comp=Z,140nm,1.0s						
KONO	Kongsberg	77.01	336	eP	P	15 10 01.0	-0.2
KONO	comp=Z,144nm,1.0s						
KONO	LR	LR					
KONO	LR	LR					
SURC	SANLUURFA_SURC	77.02	306	iP	P	15 10 02.5	+0.7
PNTR	Pine Nut	77.08	51	eP	P	15 10 03.7	+1.3
PNTR	comp=Z,200nm,1.0s						
PNTR	LR	LR					
PNTR	LR	LR					
KIS	Kishinev	77.14	319	iP	P	15 10 00.0	-2.2
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 20.0	+7.0
KIS	comp=Z,690nm,2.0s						
KIS	Kishinev	77.14	319	eP	P	15 12 52.0	-3.5
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 14 44.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 20 40.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSS	SS	15 24 57.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 29 00.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 46 18.0	
KIS	comp=Z,10um,16.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 00.0	-2.2
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 20.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 12 52.0	-3.5
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 14 44.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 20 40.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSS	SS	15 24 57.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 29 00.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 46 18.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 00.0	-2.2
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 20.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 12 52.0	-3.5
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 14 44.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 20 40.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSS	SS	15 24 57.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 29 00.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 46 18.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 00.0	-2.2
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 20.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 12 52.0	-3.5
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 14 44.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 20 40.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSS	SS	15 24 57.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 29 00.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 46 18.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 00.0	-2.2
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 20.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 12 52.0	-3.5
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 14 44.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 20 40.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSS	SS	15 24 57.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 29 00.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 46 18.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 00.0	-2.2
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 20.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 12 52.0	-3.5
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 14 44.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 20 40.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSS	SS	15 24 57.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 29 00.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 46 18.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 00.0	-2.2
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 20.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 12 52.0	-3.5
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 14 44.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 20 40.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSS	SS	15 24 57.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 29 00.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 46 18.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 00.0	-2.2
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 20.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 12 52.0	-3.5
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 14 44.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 20 40.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSS	SS	15 24 57.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 29 00.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 46 18.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 00.0	-2.2
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 10 20.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 12 52.0	-3.5
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	ePPP	PPP	15 14 44.0	
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eP	P	15 20 40.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSS	SS	15 24 57.0	+1.0
KIS	comp=Z,2um,19.0s						
KIS	Kishinev	77.14	319	eSSS	SSS	15 29 00.0	
KIS	comp=Z,2um,19						

1d 14h

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like LRW, REDW, KAND, SCZ2, NIE, NEDZICA, etc.

2011 AUG

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like MWC, ERMK, BOLV, URZ, ELBA, etc.

40

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like PVCC, BRG, BZS, BUD, etc.

1d 14h

Table with columns: ID, Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Rows include stations like F32A Veblen, D34A Park Rapids, JAVS Javorin, etc.

2011 AUG

Table with columns: CWF, Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Rows include stations like G33A Ortonville, D36A Goodland, H32A Carlson Farm, etc.

42

Table with columns: J33A, Name, Az, El, SNR, P, R, Az, El, SNR, P, R. Rows include stations like J33A Davis, MCH1 Michaelchurch, MCH1 comp=Z,208nm,1.3s, etc.

COWI	Conover	88.83	31	eP	P	15 11 02.7	-0.1
COWI	comp=Z,162nm,1.3s				LR		
CUC	Castrocco	88.83	320	eP	P	15 11 01.3	-1.6
CUC	comp=Z,2um,20.0s				LR		
HSIG	comp=Z,2um,19.0s	88.84	55	eP	P	15 11 03.1	-0.1
HSIG	comp=Z,61nm,1.6s				LR		
M34A	Aspy Farms, Fr	88.87	38	P	P	15 11 03.0	0.0
O32A	Brockman Farm,	88.90	40	P	P	15 11 02.6	-0.6
TIP	Timpagrande	88.91	319	eP	P	15 11 02.7	-0.6
TIP	Timpagrande	88.91	319	eP	P	15 11 02.1	-1.2
TIP	comp=Z,93nm,1.7s				LR		
L35A	Bielow Farm, R	88.94	37	P	P	15 11 03.3	-0.1
N33A	J Bar K, Exete	88.99	39	P	P	15 11 03.1	-0.5
DYA	Yadsworth	89.00	337	eP	P	15 11 02.8	-0.7
DYA	comp=Z,128nm,1.6s				AMS		
DYA	comp=Z,4um,13.8s	89.00	337	eP	P	15 11 03.0	-0.4
DYA	comp=Z,332nm,1.7s				LR		
J37A	Redenius Farm,	89.01	35	P	P	15 11 03.9	+0.3
I38A	Scanlan Farm,	89.02	34	P	P	15 11 03.7	0.0
SRIG	Santa Rosalia	89.03	57	eP	P	15 11 04.1	+0.1
SRIG	comp=Z,105nm,1.8s				LR		
CBKS	Cedar Bluff	89.16	42	P	P	15 11 04.2	-0.3
CBKS	comp=Z,130nm,1.2s				pmax		
CBKS	Cedar Bluff	89.16	42	eP	P	15 11 03.5	-1.0
CBKS	comp=Z,132nm,1.3s				LR		
P32A	Hutting Farm,	89.19	40	P	P	15 11 04.1	-0.5
M35A	Neola	89.35	38	P	P	15 11 05.7	+0.4
K37A	Belmond	89.38	36	P	P	15 11 05.7	+0.3
L36A	Harm Buss Farm	89.39	37	P	P	15 11 05.6	+0.2
TBI	Tubuaj	89.39	119	eS	S	15 11 02.1	-2.3
TBI	comp=Z,649nm,26.2s				LQ		
TBI	Tubuaj	89.39	119	eLQ	LQ	15 35 51.2	
TBI	comp=Z,2um,43.2s				eLR		
TBI	comp=Z,3um,26.0s,baz=305				LR		
TBI	Tubuaj	89.39	119	eT	T	16 48 57.0	
O33A	Hebron	89.40	40	P	P	15 11 04.8	-0.7
N34A	Lincoln	89.41	38	P	P	15 11 05.1	-0.5
JOE	Queens East	89.43	335	eP	P	15 11 05.0	-0.5
BNI	Bardonecchia	89.44	328	eP	P	15 11 05.3	-0.5
BNI	comp=Z,78nm,1.0s				pmax		
BNI	Bardonecchia	89.44	328	eP	P	15 11 05.3	-0.5
BNI	comp=Z,78nm,1.0s				pmax		
JRS	Jersey	89.46	335	eP	P	15 11 05.0	-0.6
JSA	Saint Aubin	89.49	335	eP	P	15 11 05.0	-0.7
JSA	comp=Z,148nm,1.1s				AMS		
JSA	comp=Z,5um,14.1s				AMS		
J38A	Wedel Dairy, R	89.51	35	P	P	15 11 06.0	0.0
VAL	Valentia	89.52	341	eP	P	15 11 04.6	-1.2
VAL	comp=Z,16nm,1.3s				S		
GDM	Grand Maison	89.52	341	eP	P	15 11 04.5	-1.2
CCA1	Carmenellis	89.53	338	eP	P	15 11 06.2	-0.1
CCA1	comp=Z,164nm,1.4s				AMS		
CCA1	comp=Z,4um,13.4s				AMS		
Q32A	Mettler Ranch,	89.67	41	P	P	15 11 06.6	-0.3
GRN	Grenoble	89.70	329	eP	P	15 11 07.1	+0.2
O34A	Beatrice	89.79	39	P	P	15 11 06.7	-0.6
M36A	Felix, Anita	89.80	37	P	P	15 11 07.7	+0.3
P33A	Williams Farm,	89.81	40	P	P	15 11 07.2	-0.3
L37A	Phoenix Point,	89.81	36	P	P	15 11 07.5	+0.1
N35A	Tabor	89.83	38	P	P	15 11 07.8	+0.3
J39A	Decorah	89.86	34	P	P	15 11 07.3	-0.3
K38A	Parkersburg	89.89	35	P	P	15 11 07.8	+0.1
R32A	Long Quarter,	90.00	41	P	P	15 11 08.0	-0.4
PLDF	La Plantade	90.00	330	eP	P	15 11 08.5	+0.2
CEL	Celeste	90.04	318	eP	P	15 11 07.1	-1.5
CEL	comp=Z,67nm,1.0s				LR		
Q33A	Connely Farm,	90.05	40	P	P	15 11 08.4	-0.2
LUCF	Lucretia	90.06	327	eP	P	15 11 07.5	-1.2
AGO	Saint Agoulin	90.13	331	eP	P	15 11 09.2	+0.4
O35A	Humboldt	90.13	38	P	P	15 11 08.8	-0.2
MWIF	Mont Vial	90.14	327	eP	P	15 11 08.2	-0.9
RAVFR	Reverend	90.17	327	eP	P	15 11 08.2	-0.9
SSB	Saint Sauveur	90.18	329	eP	P	15 11 08.8	-0.3
SSB	Saint Sauveur	90.18	329	eP	P	15 11 08.3	-0.3
SSB	comp=Z,64nm,1.1s				pmax		
SSB	Saint Sauveur	90.18	329	eP	P	15 11 08.2	-0.8
SSB	comp=Z,64nm,1.1s				LR		
L38A	Oak Wood Farm,	90.18	36	P	P	15 11 09.4	+0.3
P34A	Walnut Farm, R	90.19	39	P	P	15 11 09.0	-0.2
N36A	Muff Farm, Cia	90.20	38	P	P	15 11 09.7	+0.5
M37A	Trindle Farm,	90.21	37	P	P	15 11 10.1	+0.8
SCIA	State Center	90.24	36	eP	P	15 11 10.0	+0.6
SCIA	comp=Z,208nm,1.2s				LR		
J40A	Soldiers Grove	90.25	34	P	P	15 11 09.3	-0.1
K39A	Celwein	90.26	35	P	P	15 11 09.0	-0.5
COLF	Collangettes	90.33	330	eP	P	15 11 09.9	+0.1
S32A	Newby Ranch, P	90.39	42	eP	P	15 11 10.5	+0.2
R33A	Olander Ranch,	90.47	41	P	P	15 11 10.6	0.0
Q34A	Chapman	90.58	40	P	P	15 11 11.3	+0.2
J41A	Loganville	90.61	33	P	P	15 11 11.3	+0.2
K40A	Colesburg	90.61	34	P	P	15 11 11.2	+0.1
P35A	Duane Minner,	90.62	39	P	P	15 11 11.2	-0.1
M38A	Pleasantville	90.62	36	P	P	15 11 11.8	+0.6
N37A	Lee Faris, Mou	90.62	37	P	P	15 11 11.8	+0.6
KSU1	Kansas State U	90.63	40	P	P	15 11 11.1	-0.1

KSU1	baz=318,SNR=7.5	90.63	40	eP	P	15 11 11.0	-0.3
KSU1	Kansas State U	90.63	40	eP	P	15 11 11.0	-0.3
KSU1	comp=Z,85nm,0.9s				LR		
VERF	Verneuhog	90.64	331	eP	P	15 11 11.1	-0.2
L39A	Vinton	90.65	35	P	P	15 11 11.7	+0.4
O36A	Bolkow	90.71	38	P	P	15 11 11.9	+0.2
MNXT	Cornudas Mount	90.74	50	P	P	15 11 12.4	+0.5
MNXT	comp=Z,26nm,1.2s				LR		
MNXT	Cornudas Mount	90.74	50	eP	P	15 11 11.8	-0.1
MNXT	comp=Z,2um,19.0s				LR		
LBL	Lubilhac	90.75	330	eP	P	15 11 12.2	+0.4
T32A	Huddler Ranch,	90.77	42	P	P	15 11 12.5	+0.4
MSXT	Muleshoe	90.81	47	P	P	15 11 12.6	+0.2
MSXT	Muleshoe	90.81	47	P	P	15 11 12.6	+0.2
MSXT	comp=Z,49nm,1.1s				LR		
AMTX	Amarillo	90.82	46	P	P	15 11 13.1	+0.8
AMTX	comp=Z,2um,21.0s				LR		
AMTX	Amarillo	90.82	46	eP	P	15 11 12.9	+0.5
AMTX	comp=Z,137nm,1.1s				LR		
JFWS	Jewell Farm	90.85	34	eP	P	15 11 12.0	-0.3
JFWS	comp=Z,2um,19.0s				pmax		
JFWS	Jewell Farm	90.85	34	eP	P	15 11 12.0	-0.3
JFWS	comp=Z,65nm,1.0s				LR		
R34A	Isabella, Hill	90.88	41	P	P	15 11 12.6	+0.1
FRNF	Four	90.90	331	eP	P	15 11 12.9	+0.4
P36A	Good Intent, A	90.97	39	P	P	15 11 12.8	-0.1
S33A	Kaszmal Farm,	90.98	42	P	P	15 11 13.4	+0.4
K41A	Shuburg	91.07	34	P	P	15 11 13.3	0.0
L40A	Anamosa	91.07	35	P	P	15 11 13.3	+0.1
M39A	Webster	91.07	36	P	P	15 11 13.6	+0.3
N38A	Joess South For	91.08	37	P	P	15 11 13.7	+0.3
LEPF	PUYLOUBIER	91.08	328	eP	P	15 11 12.9	-0.4
O37A	Wolfen Farm, M	91.10	38	P	P	15 11 13.9	+0.4
Q35A	Mercer Eighty,	91.11	40	P	P	15 11 13.7	+0.1
T33A	Patterson Ranch	91.22	42	P	P	15 11 14.3	+0.2
U32A	Winter Ranch,	91.30	43	P	P	15 11 15.0	+0.5
Q36A	Arnold C. Orve	91.33	39	P	P	15 11 14.3	-0.2
N39A	Derby Farms, D	91.37	36	P	P	15 11 15.0	+0.3
S34A	Willow Spring	91.39	41	P	P	15 11 15.0	+0.2
L41A	Prehon	91.40	34	P	P	15 11 14.7	-0.1
VAE	Valguarnera	91.41	319	LR	LR	15 58 48.0	
R35A	Emporia Munic	91.42	40	P	P	15 11 15.4	+0.5
P37A	Lathrop	91.43	38	P	P	15 11 15.1	+0.1
O38A	Gal	91.47	37	P	P	15 11 15.3	+0.2
VLDQ	Vai d'Or	91.53	23	eP	P	15 11 14.5	-0.7
VLDQ	comp=Z,154nm,1.3s				LR		
GLMI	Grayling	91.73	29	P	P	15 11 30.0	+1.4
GLMI	comp=Z,2um,20.0s				LR		
V32A	Arapaho	91.75	43	P	P	15 11 17.6	+1.0
U33A	Lingo Farm, Me	91.76	42	P	P	15 11 17.0	+0.4
R36A	Gordon, Harris	91.78	40	P	P	15 11 16.8	+0.2
P38A	Dawn	91.82	38	P	P	15 11 17.2	+0.4
S35A	Otter Creek Ra	91.83	40	P	P	15 11 17.3	+0.5
O39A	Kirkville	91.83	37	P	P	15 11 17.2	+0.4
T34A	McClaskey Farm	91.84	41	P	P	15 11 17.3	+0.4
Q37A	Longview Farm,	91.92	39	P	P	15 11 16.7	-0.5
W32A	Sentinel	92.06	44	P	P	15 11 18.7	+0.7
U34A	Anderson Ranch	92.08	42	P	P	15 11 18.7	+0.7
U34A	Anderson Ranch	92.08	42	eP	P	15 11 18.4	+0.4
V33A	Lossen Ranch,	92.11	43	P	P	15 11 18.5	+0.3
R37A	Teagarden Farm	92.14	39	P	P	15 11 18.1	-0.2
S36A	Lake Cedric, C	92.18	40	P	P	15 11 18.6	+0.1
O40A	La Belle	92.26	36	P	P	15 11 19.3	+0.5
Q38A	Cooks Store, C	92.28	38	P	P	15 11 18.8	-0.1
T35A	Sooner Cattle	92.29	41	P	P	15 11 19.4	+0.3
P39B	Salisbury	92.31	37	P	P	15 11 19.2	+0.1
W33A	Caddo, Fort Co	92.49	43	P	P	15 11 20.9	+0.9
VSL	Villasalto	92.51	323	eP	P	15 11 18.9	-1.1
VSL	comp=Z,51nm,1.2s				LR		
T36A	Boggs Farm, Ca	92.52	41	P	P	15 11 20.4	+0.3
V34A	Guthrie	92.53	42	eP	P	15 11 20.5	+0.4
V34A	comp=Z,168nm,1.0s				LR		
Q39A	Wilsey Grove F	92.54	38	P	P	15 11 20.3	+0.2
X32A	Elmer	92.54	44	P	P	15 11 20.6	+0.4
S37A	Fort Scott	92.56	40	P	P	15 11 20.1	-0.1
U35A	Pawnee	92.57	42	P	P	15 11 20.7	+0.4
WMOK	Wichita Mounta	92.61	44	eP	P	15 11 20.8	+0.3
WMOK	Wichita Mounta	92.61	44	eP	P	15 11 20.5	0.0
WMOK	comp=Z,84nm,1.1s				pmax		
WMOK	comp=Z,84nm,1.1s				pmax		
P40A	Paris	92.63	37	P	P	15 11 20.7	+0.2
R38A	Ferwick Farm,	92.72	39	P	P	15 11 20.2	-0.7
O41A	Passleys Farm,	92.74	36	P	P	15 11 21.2	+0.2
W34A	Briar Creek,	92.82	43	P	P	15 11 22.2	+0.7
W34A	Bridge Creek,	92.8					

Table with columns: JCT, Junction City, 95.04, 48, P, P, 15 11 31.9, 0.0. Rows include stations like Waltonville, Witts Springs, Fulton Ridge, etc.

Table with columns: PKME, Peaks-Kenny Pk, 96.54, 19, eP, P, 15 11 38.0, -0.3. Rows include stations like White Oak Lake, Blytheville, Divot King Ran, etc.

Table with columns: 241A, Mo Tay, Goldon, 97.91, 42, P, Pdif, 15 11 45.0, +0.2. Rows include stations like Armstrong Fami, UM Field Stati, Blue Knob Stat, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WARRAMUNGA ARR, ASAR ALICE SPRINGS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WARRAMUNGA ARR, ASAR ALICE SPRINGS, etc.

IDC 01 15:37:29.0-6.8, 18.355S-178.027W, h567km, mb3.4/2, mb3.4/3, mb1 3.6/4, mb1mx2.9/3.4, mbtmp4.4/4, Error ellipse: s-maj=347.9km s-min=86.2km az=100.0, Fiji Islands region

IDC 01 15:43:24.6-3.3, 36.57N-142.33E, h0km, mb3.4/2, mb1 3.6/4, mb1mx3.3/5.1, mbtmp3.5/4, ML3.5/2, Error ellipse: s-maj=57.3km s-min=33.4km az=19.0

JMA 01 15:43:28.0-2.3, 36.79N-141.99E, h48km, MB3.4, ISC 01 15:43:24.6-3.3, 36.79N-142.33E, h0km, h11km, 24km, n19, c172/22, Off east coast of Honshu

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

CSEM 01 15:49:56.4, 38.64N-29.94W, h14km, ML3.7, PDA 01 15:49:56.4, 1.0, 38.64N-29.94W, h14km, 13km, MD3.5, ML3.7, Error ellipse: s-maj=10.7km s-min=6.4km

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ROSA ROSAIS, HO7N1 FLORES T-PHASE, etc.

ISC/JB 01 16:05:15.0-0.8, 24.91N-122.48E, h5km, 5km, Error ellipse: s-maj=7.8km s-min=4.7km az=14.8

JMA 01 16:05:15.3, 24.89N-122.47E, h0km, ML2.5, D TAP 01 16:05:15.2, 1.2, 24.88N-122.48E, h9km, 12km, ISC 01 16:05:15.2, 1.2, 24.88N-122.48E, h9km, 12km, n16, c053/26, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SANTIAGO CHIAO, YONAGUNIJIMAKU, SUAO, etc.

TAP 01 16:06:02.5, 24.87N-122.43E, h5km, ML2.7, C JMA 01 16:06:02.5, 2.4, 24.81N-122.47E, h7km

ISC 01 16:06:02.7, 1.2, 24.86N-122.47E, h7km, 11km, n19, c043/32, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SANTIAGO CHIAO, YONAGUNIJIMAKU, SUAO, etc.

ISC/JB 01 16:06:48.6-0.4, 32.56S-178.90W, h33km, mb4.7/23, Error ellipse: s-maj=10.9km s-min=4.0km az=15.9

IDC 01 16:06:48.1-4.5, 32.33S-178.45W, h33km, 33km, mb4.3/11, mb1 4.4/15, mb1mx4.2/31, mbtmp4.5/15, ML4.2/4, MS3.7/3, Ms1 3.7/3, ms1mx3.4/29, Error ellipse: s-maj=21.1km s-min=15.6km az=129.0

NEIC 01 16:06:49.0-0.8, 32.48S-178.74W, h38km, 6km, mb4.8/13, Error ellipse: s-maj=13.0km s-min=8.4km az=122.0

ISC 01 16:06:47.9-0.4, 32.57S-178.36W, h0km, h33km, n122, c28/138, mb4.8/26, IC, South of Kermadec Islands

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAOU, RAOU ISLAND, MATAKAOA POINT, etc.

ISC/JB 01 16:06:02.5, 24.87N-122.43E, h5km, ML2.7, C JMA 01 16:06:02.5, 2.4, 24.81N-122.47E, h7km

ISC 01 16:06:02.7, 1.2, 24.86N-122.47E, h7km, 11km, n19, c043/32, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAOU, RAOU ISLAND, MATAKAOA POINT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EHY, TW1F, TYC, etc.

IDC 01 17:17:45.3±2.5, 34.786N; 142.84E, h0km, mb3.4/3, mb1 3.5/5, mb1mx3.3/40, mbtmp3.4/5, ML3.4/2, Error ellipse: s-maj=58.2km s-min=29.3km az=62.0

JMA 01 17:17:47.0±5.3, 34.97N; 142.91E, h61km, M3.1, ISC 01 17:17:49.4±1.4, 34.94N; 0.06; 142.8E±0.1, h33km, n12, ±135/16, mb3.6/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BSO1, CHQJ, BSO3, etc.

RSNC 01 17:24:49.0±9.8, 9.67N; 73.78W, h0km, 16km, ML2.1, FUNV 01 17:24:51.1, 9.77N; 73.68W, h34km, MW2.5, ISC 01 17:24:50.9±1.3, 9.60N; 0.03; 73.35W±0.06, h11km, 14km, n10, c0897/16, Northern Colombia

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

CSEM 01 17:34:50.0, 38.61N; 29.93W, h10km, ML3.3, PDA 01 17:34:50.0±0.7, 38.61N; 29.93W, h10km, MD3.7, ML3.3, Error ellipse: s-maj=9.0km s-min=5.6km az=3.0, Azores Islands

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

ISCJB 01 18:12:02.0±0.5, 10.89N; 0.03; 62.29W±0.03, h97km, 6km, Error ellipse: s-maj=5.9km s-min=3.7km az=144.2, FUNV 01 18:12:04.0, 10.87N; 62.24W, h91km, MW3.3, TRN 01 18:12:06.3, 10.95N; 62.04W, h88km, MD3.6, ISC 01 18:12:01.8±1.3, 10.87N; 0.04; 62.27W±0.03, h105km, 9km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like n23, GUVI, GUVI, etc.

CSEM 01 18:17:19.1, 38.60N; 29.94W, h10km, ML4.2, PDA 01 18:17:19.1±1.7, 38.60N; 29.94W, h10km, ML4.2±2.0, Error ellipse: s-maj=10.5km s-min=9.3km az=20.0, Azores Islands

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

s-min=8.8km az=165.0, ISC 01 18:07:50.0±3.5, 52.15N; 0.04; 171.52W±0.03, h44km, 2km, h43km; pp-p, n1403, ±1813/1432, mb5.4/351, MS5.1/230, 39C-12D, Fox Islands

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

C34A	RKJ Ranch, Bem	47.41	63	P	P	18 28 36.8	-0.4
E33A	Westby DABS, E	47.47	65	P	P	18 28 36.9	-0.8
I31A	Royce Wessing	47.50	69	P	P	18 28 37.3	-0.7
D34A	Park Rapids	47.58	64	P	P	18 28 37.9	-0.6
TUC	Tucson	47.62	90	P	P	18 28 39.0	-0.1
TUC	Tucson	47.62	90	eP	P	18 28 39.3	+0.2
TUC	comp=Z,31nm,0.8s	47.62	90	eP	P	18 28 39.3	+0.2
TUC	comp=Z,31nm,0.8s						
B35A	Bob, Littlefor	47.65	62	P	P	18 28 38.7	-0.3
F33A	Five Mile Ranch,	47.70	66	P	P	18 28 39.0	-0.5
J31A	Geddes	47.73	70	P	P	18 28 40.4	+0.1
H32A	Carlson Farm,	47.75	68	P	P	18 28 40.0	-0.7
C35A	Jirik Farms, M	47.79	63	P	P	18 28 40.2	-0.8
E34A	Wade	47.93	65	P	P	18 28 40.2	-1.0
G33A	Ortonville	48.00	67	P	P	18 28 40.9	-1.0
H32A	Katley and Nic	48.12	69	P	P	18 28 41.5	-1.2
H33A	Prehn Over Nor	48.14	68	P	P	18 28 41.8	-1.1
K3C0	Kaye Shedlock	48.19	77	P	P	18 28 43.9	+0.3
K3C0	Kaye Shedlock	48.19	77	eP	P	18 28 44.3	+0.7
D35A	Remer	48.22	63	P	P	18 28 43.3	-0.1
J32A	O'Neill	48.23	71	P	P	18 28 43.9	+0.2
J32A	Parkston	48.30	70	P	P	18 28 43.3	-0.8
F34A	Alexandria	48.31	66	P	P	18 28 43.6	-0.6
T25A	Trinidad	48.32	80	P	P	18 28 44.9	+0.3
T25A	Trinidad	48.32	80	eP	P	18 28 45.0	+0.3
E35A	Pequot Lakes	48.33	64	P	P	18 28 44.2	-0.1
G34A	Benson	48.43	66	P	P	18 28 44.6	-0.5
L3A	Ladron	48.45	85	eP	P	18 28 47.1	+1.4
L31A	Butterfield Fa	48.46	71	P	P	18 28 45.5	+0.1
C36A	Pine Crest Far	48.48	62	P	P	18 28 45.3	-0.2
I33A	Coleman	48.49	68	P	P	18 28 44.4	-1.3
ANMO	Albuquerque	48.51	84	P	P	18 28 45.8	-0.3
ANMO	Albuquerque	48.51	84	eP	P	18 28 46.2	+0.1
ANMO	comp=Z,52nm,1.4s	48.51	84	eP	P	18 28 46.2	+0.1
ANMO	comp=Z,52nm,1.4s						
D36A	Goodland	48.65	63	P	P	18 28 46.4	-0.4
F35A	Swanville	48.66	65	P	P	18 28 46.6	-0.2
H32A	Verdigre	48.66	70	P	P	18 28 46.4	-0.6
K34A	Spellman Lake,	48.70	67	P	P	18 28 46.3	-0.9
IRK	Irksut	48.75	306	eP	P	18 28 46.8	-0.7
IRK	IRK						
ECSD	EROS Data Cent	48.79	68	P	P	18 28 47.5	-0.5
ECSD	EROS Data Cent	48.79	68	eP	P	18 28 46.9	-1.0
ECSD	comp=Z,57nm,0.9s						
Y22D	IRIS PASCAL I	48.80	85	P	P	18 28 48.8	+0.4
LPM	Los Pinos Moun	48.82	85	eP	P	18 28 49.2	+0.7
J33A	Davis	48.84	69	P	P	18 28 47.5	-0.8
C37A	Embarrass	48.85	62	P	P	18 28 48.1	-0.3
M31A	Lambrecht Rac	48.89	72	P	P	18 28 48.5	-0.3
BNN	Barren Site	48.93	85	eP	P	18 28 49.8	+0.4
E36A	McGregor	48.99	64	P	P	18 28 49.4	0.0
I34A	Huddle	49.03	68	P	P	18 28 48.5	-1.3
L32A	Elgin	49.05	71	P	P	18 28 50.3	+0.3
D37A	Cotton	49.06	63	P	P	18 28 49.8	-0.2
G35A	Watkins	49.09	66	P	P	18 28 49.6	-0.6
EYMN	Ely	49.10	61	P	P	18 28 49.8	-0.4
EYMN	Ely	49.10	61	eP	P	18 28 49.7	-0.6
EYMN	comp=Z,82nm,0.7s						
KBS	Kingsbay	49.17	359	eP	P	18 28 52.0	+1.6
KBS	Kingsbay	49.17	359	eP	P	18 28 52.0	+1.6
KBS	comp=Z,30nm,0.9s	49.17	359	eP	P	18 28 52.0	+1.6
KBS	comp=Z,30nm,0.9s						
H35A	Sunnyside Ranc	49.21	66	P	P	18 28 50.4	-0.7
N31A	Bailey Ranch	49.23	73	P	P	18 28 51.2	-0.2
F36A	Milaca	49.24	64	P	P	18 28 51.1	-0.2
K33A	Harding	49.26	70	P	P	18 28 51.0	-0.6
121A	Cookes Peak, D	49.32	87	P	P	18 28 52.5	+0.1
121A	Cookes Peak, D	49.32	87	eP	P	18 28 52.2	-0.1
BGNE	Belgrade	49.34	72	P	P	18 28 51.8	-0.4
BGNE	Belgrade	49.34	72	eP	P	18 28 52.6	+0.4
C38A	Sawbill Land,	49.35	61	P	P	18 28 51.9	-0.3
L33A	Hoskins	49.38	71	P	P	18 28 51.9	-0.6
TLY	Talaya	49.40	305	eP	P	18 28 52.6	+0.2
TLY	comp=Z,871nm,20.9s	49.40	305	eP	P	18 28 52.9	+0.4
TLY	comp=Z,871nm,20.9s	49.40	305	eP	P	18 35 56.4	+0.4
TLY	comp=Z,11nm,0.8s					18 38 42.0	
TLY	comp=Z,21nm,21.0s						
E37A	Wrenshall	49.43	63	P	P	18 28 52.1	-0.7
O31A	Woolen Ranch,	49.44	74	P	P	18 28 52.7	-0.3
J34A	George	49.44	69	P	P	18 28 52.3	-0.6
G36A	St. Michael	49.49	65	P	P	18 28 53.0	-0.2
BJI	Beijing	49.57	286	P	S	18 28 54.3	+0.4
BJI	comp=Z,25nm,0.8s					18 35 59.3	+0.6
BJI	comp=Z,190nm,4.6s						

BJI	comp=Z,21nm,21.0s						
BJI	comp=Z,31nm,21.0s						
BJT	Bajitatuau	49.59	286	eP	P	18 28 53.8	-0.3
BJT	comp=Z,20nm,0.4s						
BJT	comp=Z,31nm,21.0s	49.59	286	eP	P	18 28 53.8	-0.3
BJT	comp=Z,20nm,0.4s						
I35A	Creeview Farm	49.64	67	P	P	18 28 53.9	-0.5
N32A	Stulken Farm,	49.66	73	P	P	18 28 54.3	-0.3
K34A	Le Mars	49.73	69	P	P	18 28 54.8	-0.3
M33A	Taylor Creek F	49.79	71	P	P	18 28 55.0	-0.7
H36A	Jessenland, He	49.80	66	P	P	18 28 55.4	-0.2
HSIG	Cedar Bluff	49.81	93	eP	P	18 28 55.8	-0.1
J35A	Milford	49.82	68	P	P	18 28 54.5	-1.3
SPA0	Spiergren Ar	49.85	358	eP	P	18 28 56.7	+1.1
C39A	Grand Marais	49.81	61	P	P	18 28 55.6	-0.8
O32A	Brockman Farm,	49.99	73	P	P	18 28 56.4	-0.8
L34A	Svendens Farm,	50.02	70	P	P	18 28 56.5	-0.8
SPMN	Marine on St.	50.03	65	P	P	18 28 56.7	-0.6
CBKS	Cedar Bluff	50.05	75	P	P	18 28 57.6	0.0
CBKS	Cedar Bluff	50.05	75	eP	P	18 28 57.9	+0.3
CBKS	comp=Z,190nm,0.8s	50.05	75	eP	P	18 28 57.9	+0.3
CBKS	comp=Z,191nm,0.8s						
I36A	Fitzmmons Fa	50.09	67	P	P	18 28 57.2	-0.6
M34A	Aspy Farms, Fr	50.19	71	P	P	18 28 58.1	-0.6
DAG	Danmarks Havn	50.20	8	iP	P	18 28 56.6	-1.6
DAG	Danmarks Havn	50.20	8	iP	P	18 28 56.6	-1.6
DAG	comp=Z,7.0nm,0.8s	50.20	74	P	P	18 28 58.3	-0.5
P32A	Hulting Farm,	50.27	300	P	P	18 28 59.8	+0.5
K35A	Storm Lake	50.21	69	P	P	18 28 57.7	-1.0
SONA	Songino Array	50.26	300	eP	P	18 28 58.9	-0.3
SONM	Songino Array	50.27	300	P	P	18 28 59.8	+0.5
SONM	comp=Z,4.4nm,0.5s	50.27	300	P	P	18 28 59.8	+0.5
SONM	comp=Z,3.5nm,0.6s	50.27	300	P	P	18 28 59.8	+0.5
SONM	comp=Z,8.0nm,1.1s	50.27	300	P	P	18 28 59.8	+0.5
SONM	comp=Z,4.4nm,0.5s	50.27	300	P	P	18 28 59.8	+0.5
J36A	Seneca I, Swea	50.34	68	P	P	18 28 59.0	-0.7
ZAK	Zakamensk	50.35	304	eP	P	18 28 59.5	-0.4
ZAK	comp=Z,11nm,1.8s	50.35	304	eP	P	18 28 59.5	-0.4
H37A	Dierke Farm, C	50.36	65	P	P	18 28 59.2	-0.6
L35A	Bielow Farm, R	50.41	70	P	P	18 28 59.7	-0.6
I37A	Lemond, Waseca	50.44	66	P	P	18 28 59.9	-0.6
O33A	Hebron	50.52	73	P	P	18 29 00.1	-1.0
Q32A	Meitler Ranch,	50.64	75	P	P	18 29 01.4	-0.6
N34A	Lincoln	50.66	71	P	P	18 29 01.4	-0.8
MOY	Mondy	50.73	307	eP	P	18 29 03.4	+0.7
MOY	comp=Z,31nm,2.4s	50.73	307	eP	P	18 29 03.4	+0.7
M35A	Neola	50.73	70	P	P	18 29 02.0	-0.7
J37A	Redenius Farm,	50.80	67	P	P	18 29 02.3	-0.8
P33A	Williams Farm,	50.86	74	P	P	18 29 03.0	-0.7
R32A	Long Quarter,	50.91	75	P	P	18 29 03.6	-0.6
L36A	Harm Buss Farm	50.92	69	P	P	18 29 03.0	-1.1
O34A	Beatrice	50.97	72	P	P	18 29 03.4	-1.1
I38A	Scanlan Farm,	51.03	66	P	P	18 29 04.0	-0.9
Q33A	Connelly Farm,	51.06	74	P	P	18 29 04.6	-0.6
K37A	Belmond	51.09	68	P	P	18 29 04.4	-1.0
N35A	Tabor	51.15	71	P	P	18 29 05.1	-0.8
S32A	Newby Ranch, P	51.25	76	P	P	18 29 06.2	-0.4
M36A	Fell Anita	51.26	70	P	P	18 29 05.9	-0.7
P34A	Walnut Farm, R	51.30	73	P	P	18 29 06.0	-1.0
MNTX	Cornudas Mount	51.37	86	eP	P	18 29 08.2	+0.6
MNTX	comp=Z,4.4nm,0.5s	51.37	86	eP	P	18 29 08.2	+0.6
MNTX	comp=Z,4.3nm,1.1s	51.37	86	eP	P	18 29 08.2	+0.6
O35A	Humboldt	51.38	72	P	P	18 29 06.9	-0.7
SUMG	Summit	51.38	16	iP	P	18 29 07.4	-0.1
SUMG	comp=Z,52nm,1.1s	51.38	16	iP	P	18 29 07.4	-0.1
SUMG	comp=Z,45nm,1.0s	51.38	16	iP	P	18 29 07.4	-0.1
SUMG	comp=Z,44nm,1.0s	51.38	16	iP	P	18 29 07.4	-0.1
J38A	Wedel Dairy, R	51.40	66	P	P	18 29 07.2	-0.5
MSTX	Muleshoe	51.42	82	P	P	18 29 07.8	-0.3
MSTX	Muleshoe	51.42	82	eP	P	18 29 08.1	0.0
R33A	Olander Ranch,	51.42	75	P	P	18 29 08.0	0.0
L37A	Phoenix Point,	51.43	68	P	P	18 29 07.4	-0.6
AMTX	Amarillo	51.47	81	P	P	18 29 08.2	-0.2
AMTX	Amarillo	51.47	81	eP	P	18 29 08.6	+0.2
TIA	Tai'an	51.50	282	iP	S	18 29 08.4	-0.1
TIA	comp=Z,60nm,0.9s	51.50	282	iP	S	18 36 22.7	-2.8
TIA	comp=Z,760nm,21.6s						
TIA	comp=Z,21nm,23.3s						
COWI	Conover	51.50	62	eP	P	18 29 07.6	-0.9
COWI	comp=Z,40nm,0.6s	51.50	62	eP	P	18 29 07.6	-0.9
N36A	Muff Farm, Cla	51.57	70	P	P	18 29 08.6	-0.4
T32A	Huddler Ranch,	51.60	77	P	P	18 29 09.0	-0.3
Q34A	Chapman	51.64	74	P	P	18 29 09.2	-0.3
K38A	Parkersburg	51.66	67	P	P	18 29 09.2	-0.5
K3U1	Kansas State U	51.72	73	P	P	18 29 09.4	-0.7
K3U1	Kansas State U	51.72	73	eP	P	18 29 10.0	-0.2

K3U1	comp=Z,11nm,22.0s						
M37A	Trindle Farm,	51.72	69	P	P	18 29 09.8	-0.3
HHC	Hu-ho-hao-te	51.76	290	eP	P	18 29 11	

V34A	baz=311 Guthrie	53.34	77	P	P	18 29 21.5	-0.7
V34A	baz=312,SNR=16 Guthrie	53.34	77	eP	P	18 29 21.7	-0.5
U35A	comp=Z,55nm,0.8s Pawnee	53.45	76	P	P	18 29 22.0	-0.9
T36A	baz=312,SNR=8.3 Boggs Farm, Ca	53.50	75	P	P	18 29 22.2	-1.1
Q38A	baz=312,SNR=16 Cooks Store, C	53.57	71	P	P	18 29 21.8	-2.0
W34A	baz=312,SNR=16 Bridge Creek,	53.59	78	P	P	18 29 23.5	-0.5
W34A	baz=312,SNR=16 Bridge Creek,	53.59	78	eP	P	18 29 24.8	+0.7
S37A	comp=Z,59nm,0.9s Fort Scott	53.65	73	P	P	18 29 22.9	-1.5
P39B	baz=312,SNR=57 Salisbury	53.72	70	P	P	18 29 23.4	-1.5
V35A	baz=311,SNR=59 Meyer Ranch, C	53.80	76	P	P	18 29 24.5	-1.0
O40A	baz=311,SNR=87 La Belle	53.81	69	P	P	18 29 24.5	-1.0
Q39A	baz=311,SNR=110 Willow Grove F	53.88	71	P	P	18 29 24.4	-1.6
R38A	baz=311,SNR=36 Fenwick Farm,	53.91	72	P	P	18 29 24.3	-2.0
Y33A	baz=313,SNR=7.9 Hilltop Ranch,	53.91	79	P	P	18 29 25.8	-0.5
X34A	baz=313,SNR=8.6 Smith Ranch, M	53.99	78	P	P	18 29 27.0	+0.1
T37A	baz=312,SNR=61 Cheneyville 18	54.03	74	P	P	18 29 25.7	-1.5
U36A	baz=312,SNR=6.5 Oologah	54.03	75	P	P	18 29 26.3	-1.0
TX31	baz=312,SNR=6.5 Lajitas Ar. Si	54.08	87	eP	P	18 29 26.6	-1.1
TXAR	comp=Z,42nm,0.7s,slow=3.5,SNR=9.1 Lajitas Array	54.08	87	P	P	18 29 27.2	-0.6
TXAR	comp=Z,5.9nm,1.0s,slow=291,slow=3.5,SNR=9.1 Lajitas Array	54.08	87	P	ScP	18 34 26.4	-0.1
TXAR	comp=Z,21um,20.2s,slow=0.0,slow=34 Lajitas Array	54.08	87	P	LR	18 50 19.2	
TXAR	comp=Z,41nm,0.7s Lajitas Array	54.08	87	P	P	18 29 27.2	-0.6
TXAR	comp=N,6.0nm,1.0s						
TXAR	comp=Z,2um,20.2s						
P40A	baz=311,SNR=129 Paris	54.10	70	P	P	18 29 26.4	-1.3
W35A	baz=312,SNR=32 Tecumseh	54.19	77	P	P	18 29 27.7	-0.7
ABTX	baz=314,SNR=4.4 Abilene, Hawle	54.24	81	P	P	18 29 28.2	-0.6
ABTX	baz=314,SNR=4.4 Abilene, Hawle	54.24	81	eP	P	18 29 29.2	+0.4
S38A	baz=312,SNR=64 Stockton	54.28	73	P	P	18 29 26.9	-2.1
V36A	baz=312,SNR=20 Leonard	54.32	76	P	P	18 29 28.3	-1.0
Z33A	baz=312,SNR=12 Whitaker Ranch	54.32	80	P	P	18 29 28.5	-0.9
TUL1	baz=312,SNR=16 Leonard	54.32	76	P	P	18 29 28.4	-0.9
TUL1	comp=Z,61nm,0.9s Leonard	54.32	76	eP	P	18 29 29.3	-0.1
R39A	baz=312,SNR=20 Chumby	54.34	72	P	P	18 29 27.8	-1.6
O41A	baz=311,SNR=42 Passleys Farm,	54.38	69	P	P	18 29 28.5	-1.2
U37A	baz=312,SNR=82 Salina	54.39	75	P	P	18 29 28.7	-1.1
Q40A	baz=312,SNR=60 Laux Farm, Aux	54.44	70	P	P	18 29 28.2	-1.9
T38A	baz=312,SNR=22 Diamond	54.45	74	P	P	18 29 28.5	-1.8
Y34A	baz=312,SNR=37 Reagan Ranch,	54.47	79	P	P	18 29 29.7	-0.7
HP1G	comp=Z,65nm,1.6s Reagan Ranch,	54.56	91	eP	P	18 29 31.6	+0.2
P41A	baz=311,SNR=22 Barry Barr	54.58	69	P	P	18 29 29.8	-1.3
S39A	baz=312,SNR=46 Bolivar	54.59	72	P	P	18 29 28.7	-2.6
W36A	baz=313,SNR=24 Wetumk	54.59	77	P	P	18 29 30.5	-0.8
X35A	baz=313,SNR=23 Drake	54.64	78	P	P	18 29 30.9	-0.7
133A	baz=314,SNR=21 Hamilton Ranch	54.70	81	P	P	18 29 31.6	-0.5
V37A	baz=312,SNR=33 Hulbert	54.73	75	P	P	18 29 30.5	-1.8
Z34A	baz=312,SNR=33 Collier Ranch,	54.78	79	P	P	18 29 31.7	-1.0
O42A	baz=311,SNR=8.1 Bath	54.79	68	P	P	18 29 31.4	-1.2
R40A	baz=312,SNR=70 Maddies Statio	54.80	71	P	P	18 29 30.3	-2.4
U38A	baz=312,SNR=27 Gravette	54.80	74	P	P	18 29 30.8	-2.0
X36A	baz=313,SNR=17 Centrahoma	54.90	77	P	P	18 29 33.1	-0.5
Y35A	baz=313,SNR=20 Marietta	54.94	78	P	P	18 29 33.4	-0.4
HD1L	baz=311,SNR=14 Hopedale	55.00	67	P	P	18 29 32.6	-1.6
HD1L	comp=Z,130nm,0.8s Hopedale	55.00	67	eP	P	18 29 33.2	-1.0
HD1L	comp=Z,2um,19.0s						
T39A	baz=312,SNR=14 Clever	55.00	73	P	P	18 29 33.0	-1.3
P42A	baz=312,SNR=43 Winchester	55.05	69	P	P	18 29 33.1	-1.4
W37B	baz=314,SNR=24 Quinton	55.06	76	P	P	18 29 34.3	-0.4
233A	baz=314,SNR=24 Rising Star	55.12	81	P	P	18 29 34.6	-0.5
S40A	baz=312,SNR=11 Lebanon	55.13	72	P	P	18 29 33.3	-1.9
HHAR	comp=Z,43nm,0.8s Hobbs	55.17	74	eP	P	18 29 34.0	-1.5
V38A	baz=313,SNR=53 Canehill	55.18	75	P	P	18 29 34.3	-1.3
Z35A	baz=314,SNR=16 Perchaven, San	55.21	79	P	P	18 29 34.8	-1.0
134A	baz=314,SNR=16 White-Moore Ra	55.23	80	P	P	18 29 35.7	-0.2
U39A	baz=313,SNR=42 Green Forest	55.38	74	P	P	18 29 35.6	-1.4
Q42A	baz=312,SNR=24 Golden Eagle	55.39	69	P	P	18 29 36.3	-0.7
Y36A	baz=313,SNR=24 Durant	55.40	78	P	P	18 29 36.7	-0.4
T40A	baz=312,SNR=33 Mansfield	55.42	72	P	P	18 29 34.9	-2.4
333A	baz=314,SNR=24 Richland Sprin	55.52	82	P	P	18 29 37.2	-1.0
S41A	baz=312,SNR=77 Jilico Farms,	55.58	71	P	P	18 29 36.2	-2.2
234A	baz=312,SNR=77 Clairette	55.59	81	P	P	18 29 38.0	-0.5
JCT	baz=314,SNR=5.5 Junction City	55.64	83	P	P	18 29 37.9	-1.1
JCT	baz=315,SNR=13 Junction City	55.64	83	eP	P	18 29 38.0	-1.0
JCT	comp=Z,73nm,1.2s Junction City	55.64	83	eP	P	18 29 38.0	-1.0
JCT	comp=Z,73nm,1.3s						
135A	comp=Z,4um,19.0s Vickery Place,	55.65	80	P	P	18 29 38.6	-0.4
V39A	baz=313,SNR=6.6 Pittigrew	55.65	74	P	P	18 29 38.1	-0.9
W38A	baz=313,SNR=24 Poteau	55.66	75	P	P	18 29 38.3	-0.7
SCO	comp=Z,9.5nm,0.7s Scoresbysund	55.72	12	iP	P	18 29 38.8	-0.1
SCO	comp=Z,10.0nm,0.7s Scoresbysund	55.72	12	iP	P	18 29 38.8	-0.1
Z36A	baz=314,SNR=7.8 Blue Ridge	55.74	78	P	P	18 29 39.0	-0.6
X38A	baz=313,SNR=39 Whitesboro	55.74	76	P	P	18 29 39.1	-0.5
U40A	baz=313,SNR=39 Yellville	55.77	73	P	P	18 29 38.1	-1.6
Q43A	baz=313,SNR=25 New Douglas	55.85	69	P	P	18 29 39.2	-1.1
433A	baz=314,SNR=20 Art	55.88	82	P	P	18 29 39.4	-1.2
T41A	baz=313,SNR=28 Mountain View	55.90	74	P	P	18 29 38.8	-2.2
334A	baz=314,SNR=41 Lometa	56.00	81	P	P	18 29 41.2	-0.3
W39A	baz=313,SNR=95 Magazine	56.01	75	P	P	18 29 40.5	-0.9
WHTX	baz=314,SNR=18 Lake Whitney,	56.01	80	P	P	18 29 41.4	+0.2
WHTX	comp=Z,71nm,0.9s Lake Whitney,	56.01	80	eP	P	18 29 41.7	+0.2
YOJ	comp=Z,65nm,0.9s Yonagunji jima	56.12	267	eP	P	18 29 41.3	-1.1
YOJ	comp=Z,65nm,0.9s Yonagunji jima	56.12	267	eP	P	18 29 41.3	-1.1
V40A	baz=313,SNR=51 Witts Springs	56.16	74	P	P	18 29 41.1	-1.5
136A	baz=314,SNR=12 Emis	56.24	79	P	P	18 29 42.6	-0.6
Q44A	baz=312,SNR=12 Meyer Farm, Va	56.27	68	P	P	18 29 42.5	-0.8
VLDQ	baz=312,SNR=12 Val d'Our	56.27	53	eP	P	18 29 41.9	-1.2
X39A	baz=313,SNR=100 Fountain Ranch	56.28	76	P	P	18 29 42.8	-0.6
Z37A	baz=313,SNR=100 Pogue Cattle C	56.28	78	P	P	18 29 42.7	-0.7
Y38A	baz=314,SNR=25 Idabel	56.31	77	P	P	18 29 43.0	-0.6
U41A	baz=313,SNR=25 Viola	56.32	73	P	P	18 29 42.0	-1.8
434A	baz=315,SNR=33 Burnet	56.34	82	P	P	18 29 43.2	-0.8
SFIN	baz=315,SNR=33 Lafayette	56.36	66	P	P	18 29 43.2	-0.7
SFIN	comp=Z,86nm,0.8s Lafayette	56.36	66	eP	P	18 29 44.0	+0.1
533A	baz=315,SNR=10 Kerrville	56.40	83	P	P	18 29 42.7	-1.7
W40A	baz=313,SNR=38 Ferguson Farm,	56.43	74	P	P	18 29 43.3	-1.2
SCHO	comp=Z,28nm,0.7s,slow=7.4,SNR=23 Schefferville	56.50	42	P	LR	18 56 36.1	
SCHO	comp=Z,3um,18.4s,slow=320,slow=39 Schefferville	56.50	42	eP	LR	18 29 44.6	-0.1
335A	baz=314,SNR=5.7 Moody	56.53	81	P	P	18 29 44.1	-1.1
543A	baz=313,SNR=68 Ridge	56.56	70	P	P	18 29 43.7	-1.7
V41A	baz=313,SNR=68 Mountainview	56.57	73	P	P	18 29 43.5	-2.0
236A	baz=313,SNR=42 Katherine and	56.57	80	P	P	18 29 44.7	-0.8
MIAR	comp=Z,100nm,0.9s Mount Ida	56.58	75	P	P	18 29 44.7	-0.9
MIAR	comp=Z,100nm,0.8s Mount Ida	56.58	75	eP	P	18 29 45.0	-0.6
MIAR	comp=Z,100nm,0.8s Mount Ida	56.58	75	eP	P	18 29 45.0	-0.6
MIAR	comp=Z,1um,22.0s Heron Place, G	56.62	78	LR	LR	18 29 45.7	-0.2
Z38A	baz=314,SNR=7.7 Mt. Pleasant	56.63	77	P	P	18 29 45.0	-0.9
R44A	baz=313,SNR=15 Waltonville	56.68	69	P	P	18 29 44.6	-1.5
TATO	comp=Z,4um,22.0s Taipei	56.68	269	P	LR	18 30 00.0	+1.4
ZALV	comp=Z,1.9nm,0.3s,slow=5.7,SNR=14 Zalesovo Beam	56.69	317	P	ScP	18 29 45.5	-0.5
ZALV	comp=Z,3.4nm,0.9s,slow=46,slow=33,SNR=4.0 Zalesovo Beam	56.69	317	P	ScP	18 34 36.2	-1.2
ZALV	comp=Z,2um,20.9s,slow=68,slow=37 Lockesburg	56.69	76	P	LR	18 55 17.6	
Y39A	baz=313,SNR=24 Lockesburg	56.69	76	P	P	18 29 45.5	-0.9
U42A	baz=313,SNR=24 Reviden	56.72	72	P	P	18 29 44.6	-1.9
NVS	comp=N,3.0nm,0.7s Novosibirsk	56.72	318	iP	P	18 29 46.1	-0.1
NVS	comp=N,3.0nm,0.7s Novosibirsk	56.72	318	iP	S	18 37 37.5	+2.1
NVS	comp=N,3.0nm,0.7s Novosibirsk	56.72	318	iP	S	18 39 32.4	
NVS	comp=N,3.0nm,0.7s Novosibirsk	56.72	318	iP	P	18 29 46.1	-0.1
NVS	comp=N,3.0nm,0.7s Novosibirsk	56.72	318	iP	P	18 29 46.1	-0.1
NVS	comp=N,3.0nm,0.7s Novosibirsk	56.72	318	iP	P	18 29 46.1	-0.1
NVS	comp=N,3.0nm,0.7s Novosibirsk	56.72	318				

2011 AUG

Table with columns: ID, Name, Azimuth, Elevation, P, Azimuth, Elevation, P. Rows include stations like BRG Braganca, CMLA Cha da Macela, AQU L'Aquila, etc.

Table with columns: CAN Canberra, CAN CAN, SNZO South Karori, MBWA Marble Bar, NNA Nana, NWAO Narrogin (SRO), TAM Tam, TOR Tori, TOR Tori, LVC Limon Verde, LCO Las Campanas, MSEA Mahe Island, TIC Tomouidi, DBIC Dimbock, DBIC Dimbock, KIC Kosan Boka, LIC Lamto, RCBR Riachuelo, RCBR Riachuelo, CPUR Paso Flores, MBAR Mbarara, PLCA Paso Flores, SPB Sao Paulo, SPB Sao Paulo, TRQA Torquist, TRQA Torquist, VDA Vanda, VDA Vanda, CASY Casey, CASY Casey, ASCN Ascension, ASCN Ascension, ABPO Ambohimpanom, ABPO Ambohimpanom, LSZ Lusaka, LSZ Lusaka, EFI East Falkland, EFI East Falkland, QSPA South Pole Qui, QSPA South Pole Qui, PMSA Palmer Station, PMSA Palmer Station, MATP Matopo, MATP Matopo, TSMU Tsumeb, TSMU Tsumeb, MAW Mawson, MAW Mawson, HOPE Hope Point, HOPE Hope Point, BOSA Boshof, BOSA Boshof, SUR Sutherland, SUR Sutherland, SNAA Sanae, SNAA Sanae, SNAA Sanae, VNA1 Neumayer-Stat, VNA1 Neumayer-Stat

Table with columns: HOR Horta, PCAN Candalaria, PCAN Candalaria, PCAN Candalaria, PICO Pico, PICO Pico, PICO Pico, PICO Pico, PICO Pico, PICO Pico, PICO Pico, ROSA Rosais, ROSA Rosais

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Rows include FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Rows include ROM 01 19:04:54.0-7.40:32N x 16:44E, CRAC Craco, CRAC Craco, SCHR S. Chirico Rap, SCHR S. Chirico Rap, SALB San Lorenzo Be, SALB San Lorenzo Be, SIRI Monte Sirino, SIRI Monte Sirino

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Rows include IDC 01 19:11:29.4+0.9:28:78S x 71:19W, VACH Vallenar, VACH Vallenar, LCO Las Campanas, LCO Las Campanas, CPCH Copiapo, CPCH Copiapo, TLL Tololo Astrono, TLL Tololo Astrono, TLL Tololo Astrono

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Rows include AROD Rodeo, AROD Rodeo, ACDV Cuesta del Vie, ACDV Cuesta del Vie, AGUA GUANDACOL, AGUA GUANDACOL, YCA Vinchina, YCA Vinchina, ACCO Cerro Coronel, ACCO Cerro Coronel

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Rows include ATMS MOGNA, ATMS MOGNA, RTOC Leontico, RTOC Leontico, RTLL Cerro Villucun, RTLL Cerro Villucun, AVFE Uspallata, AVFE Uspallata, RTOC Cerro Valdivia, RTOC Cerro Valdivia, ROCI El Roble, ROCI El Roble, PEL Peldehue, PEL Peldehue, ASAL Salagasta, ASAL Salagasta, ARCO CERRO ARCO, ARCO CERRO ARCO

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Rows include CLCH Cerro Calan, CLCH Cerro Calan, CYA Choya, CYA Choya, AAGR Agrelo, AAGR Agrelo, ACAN Cantantel, ACAN Cantantel, FSA Cafayete, FSA Cafayete, AHML Horco Molle, AHML Horco Molle, LVC Limon Verde, LVC Limon Verde

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Rows include LVC Limon Verde, LVC Limon Verde, LPAZ La Paz, LPAZ La Paz, TROA Torquist, TROA Torquist, CPUP Villa Florida, CPUP Villa Florida, SIV San Ignacio, SIV San Ignacio, HO6E1 SOCORRO T-PHAS0.41 316 T, HO6E1 SOCORRO T-PHAS0.41 316 T

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Rows include TXAR Lajitas Array, TXAR Lajitas Array, WMOK Wichita Mouta, WMOK Wichita Mouta, LIC Lamto, LIC Lamto, TIC Tomouidi, TIC Tomouidi, KIC Kosan Boka, KIC Kosan Boka, ROSA Rosais, ROSA Rosais, ROSA Rosais, ROSA Rosais

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Rows include TOR Tori, TOR Tori, BOSA Boshof, BOSA Boshof, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, H1S2 WAKE ISLAND Hyt26.07 273 T, H1S2 WAKE ISLAND Hyt26.07 273 T

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Rows include H1S1 WAKE ISLAND Hyt26.08 273 T, H1S1 WAKE ISLAND Hyt26.08 273 T, H1S3 WAKE ISLAND Hyt26.09 273 T, H1S3 WAKE ISLAND Hyt26.09 273 T, H1N3 WAKE ISLAND Hyt26.34 274 T, H1N3 WAKE ISLAND Hyt26.34 274 T, H1N1 WAKE ISLAND Hyt26.36 274 T, H1N1 WAKE ISLAND Hyt26.36 274 T, H1N2 WAKE ISLAND Hyt26.36 274 T, H1N2 WAKE ISLAND Hyt26.36 274 T, ZALV Zalesovo Ben, ZALV Zalesovo Ben, MKAR Makanchi Array, MKAR Makanchi Array

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Rows include CSEM 01 18:42:25.4, 38:66N:29:87W, PDA 01 18:42:25.4, 38:66N:29:87W, Error ellipse: s-maj=18.0km s-min=6.8km az=4.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Rows include CSEM 01 18:42:25.4, 38:66N:29:87W, PDA 01 18:42:25.4, 38:66N:29:87W, Error ellipse: s-maj=18.0km s-min=6.8km az=4.0, Azores Islands

MK31	Makanchi Array	13.62 344	ePn	Pn	19 44 05.8	-0.7
MKAR	Makanchi Array	13.62 344	Pn	Pn	19 44 05.2	-1.2
MKAR	comp-Z,0.7nm,0.3s,baz=152,slow=14,SNR=136		LR	LR	19 50 19.9	
MKAR	Makanchi Array	13.62 344	ePn	Pn	19 44 05.8	-0.7
MAKZ	Makanchi	13.71 344	Pn	Pn	19 44 01.5	-6.1
MAKZ	comp-Z,1.11nm,1.2s		Lg	Lg	19 48 11.1	
MAKZ	Makanchi	13.71 344	P	Pn	19 44 05.6	-2.0
MAKZ	comp-Z,1.15nm,2.7s		P	Pmax		
MAKZ	comp-Z,1.11nm,1.2s		Pmax	Pmax		
MAKZ	comp-N,1.15nm,2.7s		Pmax	Pmax		
MAKZ	Makanchi	13.71 344	ePn	Pn	19 44 06.6	-1.0
BHPL	Bhopal	13.74 223	eP	Pn	19 44 06.5	-1.8
BHPL	IAMB		IAMB	IAMB	19 44 09.6	
CD2	Chengdu	13.99 97	eP	Pn	19 44 10.5	-1.1
CD2			pP	pP	19 44 15.0	
CD2			sP	sP	19 44 18.4	
CD2			S	S	19 46 46.3	-0.6
CD2			Ss	Ss	19 46 52.6	
CD2			SsSn	SsSn	19 47 03.6	+4.5
CD2	comp-Z,1.00nm,0.8s		Pmax	Pmax		
CD2	comp-Z,460nm,5.6s		LR	LR		
CD2	comp-Z,1.0um,9.7s		LR	LR		
CD2	comp-Z,1.0um,8.7s		LR	LR		
CD2	comp-Z,2um,7.9s		LR	LR		
NGP	Nagpur	14.64 213	ex	Sn	19 46 55.4	-7.5
NGP	comp-Z,93nm,1.3s		ex	x	19 47 09.3	
NGP	comp-Z,93nm,1.3s		ex	x	19 48 27.9	
MNAS	Manas	14.69 311	P	Pn	19 44 22.4	+1.2
MNAS	comp-Z,34nm,1.1s		Pmax	Pmax		
BTLS	Baital	15.34 321	eP	Pn	19 44 29.3	-0.4
BTLS	comp-Z,981nm,10.9s		iLRM	MLR	19 51 02.3	
KBL	Kabul	15.35 278	eP	Pn	19 44 28.0	-2.2
KBL	Kabul	15.35 278	ePn	Pn	19 44 28.0	-2.2
CHLP	Challavanipeta	15.51 193	e	Pn	19 47 21.5	
CHLP	IVMs_BB IVMs_BB				19 52 29.1	
KMI	Kunming	15.76 119	P	Pn	19 44 34.7	-0.9
KMI	Kunming Array		pP	pP	19 44 38.6	-0.9
KMI	Kunming		sP	sP	19 44 41.6	-1.2
KMI	Kunming		S	S	19 47 31.2	+0.8
KMI	comp-Z,51nm,1.4s		Pmax	Pmax		
KMI	comp-Z,3um,6.9s		LR	LR		
KMI	comp-Z,3um,6.9s		LR	LR		
IUG	Iuzhnay	16.14 306	eP	Pn	19 44 39.4	-0.9
IUG	comp-Z,378nm,1.7s		iLR	LR	19 50 37.8	
KK31	Karatay Array	16.27 310	eP	P	19 44 44.4	-0.4
KK31	comp-Z,32nm,1.3s		Pmax	Pmax		
KKAR	Karatay Array	16.27 310	eP	P	19 44 43.6	-1.2
KKAR	Karatay Array	16.27 310	ePn	Pn	19 44 43.6	-1.2
VIS	Vishakhapatnam	16.41 194	IAMB	IAMB	19 44 41.8	
VIS	comp-Z,20nm,0.9s					
RPR	Rampur	16.57 209	eP	Pn	19 44 42.8	-0.9
RPR	comp-Z,2um,5.7s		eSn	Sn	19 47 49.5	+0.3
RPR	IVMs_BB IVMs_BB				19 52 54.6	
SRSP	Sriramsagar	16.91 211	ePn	Pn	19 44 49.6	-0.3
SRSP	comp-Z,2um,10.9s		IVMs_BB IVMs_BB	IVMs_BB	19 51 24.3	
CMAI	Chiangmai2	17.15 141	P	Pn	19 44 52.7	-0.5
PVM	Polavaram	17.28 199	ePn	Pn	19 44 52.5	-2.2
PVM	comp-Z,315nm,1.2s,comp-Z,40um		IVMs_BB IVMs_BB	IVMs_BB	19 52 45.4	
SEM	Semipalatinsk	17.48 344	eP	Pn	19 44 53.3	-4.0
SEM	comp-Z,270nm,1.7s		eS	MLR	19 48 07.7	-4.2
SEM	comp-Z,1um,12.8s		iLRM	MLR	19 52 39.6	
XAN	Xi'an	17.74 83	P	Pn	19 44 58.2	-2.2
XAN	comp-Z,98nm,0.8s		S	Pmax	19 48 13.6	-4.4
XAN	comp-Z,98nm,0.8s		LR	LR		
XAN	comp-Z,8um,15.0s		LR	LR		
XAN	comp-Z,2um,14.8s		LR	LR		
XAN	comp-Z,7um,10.1s		LR	LR		
CHTO	Chiang Mai	18.02 143	P	Pn	19 45 03.0	-0.9
CHTO	comp-Z,151nm,1.0s		eP	Pn	19 45 03.7	-0.2
CHTO	Chiang Mai	18.02 143	eP	Pn	19 45 03.7	-0.2
CHTO	comp-Z,40nm,1.1s		Pmax	Pmax		
CHTO	Chiang Mai	18.02 143	ePn	Pn	19 45 03.7	-0.2
CHTO	comp-Z,40nm,1.1s		Pmax	Pmax		
CMMT	Chiang Mai	18.03 143	P	Pn	19 45 02.8	-1.2
CMMT	comp-Z,33nm,1.0s					
GYA	Guiyang	18.05 109	iP	Pn	19 45 01.1	-3.2
GYA	comp-Z,260nm,1.0s		PP	PnPn	19 45 20.0	+4.8
GYA	comp-Z,260nm,1.0s		S	S	19 48 26.1	+0.5
GYA	comp-Z,260nm,1.0s		Ss	SsSn	19 48 45.4	+6.2
GYA	comp-Z,260nm,1.0s		Pmax	Pmax		
GYA	comp-Z,530nm,3.7s		Pmax	Pmax		
GYA	comp-Z,3um,10.3s		LR	LR		
GYA	comp-Z,5um,14.6s		LR	LR		
GYA	comp-Z,3um,12.5s		LR	LR		
KURBB	Kurchatov Arra	18.11 341	P	Pn	19 45 03.6	-1.1
KURBB	comp-Z,0.4nm,0.3s,baz=153,slow=12,SNR=195					
KURBB	Kurchatov Arra	18.11 341	Pn	Pn	19 44 59.8	-4.9
KURBB	comp-Z,163nm,1.0s,baz=155,slow=12					
KURBB	comp-Z,87nm,2.5s,baz=135,slow=16		iSn	Lg	19 50 29.3	
KURBB	comp-Z,1.116nm,2.5s,baz=125,slow=24		Lg	Lg		
HYBB	Hyderabad (bro)	18.17 209	ePn	Pn	19 45 04.6	-1.1
HYBB	comp-Z,2um,12.3s		eSn	Sn	19 48 27.1	-1.4
HYBB	Hyderabad	18.17 209	iP	P	19 45 08.0	+2.0
HYB	Hyderabad	18.17 209	eP	Pn	19 45 04.7	-1.1
HYB	comp-Z,40nm,1.1s		IAMB	IAMB	19 45 09.2	
KURK	Kurchatov	18.17 342	P	Pn	19 45 03.6	-1.8
KURK	Kurchatov	18.17 342	P	Pn	19 45 03.8	-1.8
CM31	Chiang Mai Arr	18.32 143	ePn	Pn	19 45 07.4	-0.2
CMAR	Chiang Mai Arr	18.32 143	P	Pn	19 45 06.4	-1.2
CMAR	comp-Z,0.2nm,0.3s,baz=325,slow=10,SNR=35		LR	LR	19 52 56.9	
CMAR	comp-Z,2um,18.8s,baz=332,slow=40		LR	LR		
CM01	Chiang Mai Arr	18.36 143	ePn	Pn	19 45 06.3	-1.8
KLRI	Killari	18.45 215	ePn	Pn	19 45 08.7	-0.4
KLRI	comp-Z,0.2nm,0.3s,baz=325,slow=10,SNR=35		IVMs_BB IVMs_BB	IVMs_BB	19 54 00.9	
LAMP	Lampang	18.62 142	P	P	19 45 09.7	-1.2
LAMP	comp-Z,1.3nm,0.6s					
NJS	Nagarjunasagar	18.67 205	ePn	Pn	19 45 12.4	+0.6
NJS	comp-Z,2um,9.8s		IVMs_BB IVMs_BB	IVMs_BB	19 48 37.9	
NJS	comp-Z,2um,9.8s		IVMs_BB IVMs_BB	IVMs_BB	19 52 19.6	
ENH	Enshi	18.91 95	eP	P	19 45 11.2	-2.9
ADKI	Addanki	19.11 203	ePn	Pn	19 45 17.3	+0.3
ADKI	comp-Z,2um,6.0s		IVMs_BB IVMs_BB	IVMs_BB	19 54 18.9	
BTO	Baotou	19.13 63	eP	P	19 45 14.2	-2.3
SRLM	Srsailam	19.24 206	eP	P	19 45 17.4	-0.3
SRLM	comp-Z,2um,5.6s		IVMs_BB IVMs_BB	IVMs_BB	19 54 00.7	
SUKH	Sukhothai	19.50 143	P	P	19 45 19.8	-0.7
SUKH	comp-Z,7.5nm,0.9s,comp-Z,17nm					

POO	Poona	19.50 222	eP	Pn	19 45 21.2	-0.6
POO	comp-Z,75nm,1.4s		IAMB	IAMB	19 45 29.6	
BRZS	Berezinski	19.58 330	iP	P	19 45 20.2	-1.0
BRZS	comp-Z,14nm,1.0s		iLRM	MLR	19 54 19.4	
UTTA	Uttaradit	19.75 141	P	P	19 45 21.8	-1.5
UTTA	comp-Z,8.8nm,0.9s,comp-Z,76nm					
RCLA	Rachera	19.81 205	ePn	P	19 45 23.6	-0.3
RCLA	comp-Z,2um,10.2s		IVMs_BB IVMs_BB	IVMs_BB	19 53 19.3	
SONM	Songino Array	19.95 40	P	P	19 45 25.9	+0.4
SONM	comp-Z,0.2nm,0.3s,baz=228,slow=1.2,SNR=62		P	P	19 49 43.4	+1.6
SONM	comp-Z,0.2nm,0.3s,baz=228,slow=1.2,SNR=65		LR	LR	19 54 38.3	
SONM	comp-Z,476nm,19.2s,baz=232,slow=42		LR	LR		
SONA1	Songino Array	19.97 40	eP	P	19 45 25.4	-0.2
PHIT	Phitsanulok	20.14 142	P	P	19 45 27.1	-0.4
PHIT	comp-Z,207nm,1.1s,comp-Z,349nm					
ZAK	Zakamensk	20.23 30	eP	P	19 45 27.9	-0.6
ZAK	comp-Z,39nm,1.5s		Pmax	Pmax	19 45 59.3	
ZAK	comp-Z,17nm,1.3s		Pmax	Pmax		
ZAK	comp-Z,11nm,1.7s		Pmax	Pmax		
ZAAO	Zalesovo Array	20.28 355	eP	P	19 45 27.2	-1.5
ZAAO	Zalesovo Array	20.28 355	eP	Pn	19 45 28.2	-2.5
ZALV	Zalesovo Beam	20.28 355	P	P	19 45 27.7	-1.1
ZALV	comp-Z,26nm,1.0s,baz=171,slow=10,SNR=60		LR	LR	19 54 34.5	
ZALV	comp-Z,2um,19.4s,baz=238,slow=40		LR	LR		
HHC	Hu-ho-hao-te	20.33 63	eP	P	19 45 28.6	-1.1
HHC	comp-Z,480nm,2.7s		S	Pmax	19 49 10.9	-6.5
HHC	comp-N,7um,12.6s		LR	LR		
HHC	comp-E,5um,15.6s		LR	LR		
HHC	Hu-ho-hao-te	20.33 63	eP	P	19 45 28.5	-1.1
HHC	comp-E,5um,15.6s		pP	sP	19 45 33.2	-1.3
HHC	comp-E,3um,11.2s		sP	pP	19 45 35.8	+2.9
HHC	comp-E,3um,11.2s		PP	PnSn	19 45 48.7	+2.3
HHC	comp-E,3um,13.7s		S	Pmax	19 49 12.5	-4.9
HHC	comp-E,56nm,1.6s		Pmax	Pmax		
HHC	comp-E,490nm,4.8s		Pmax	Pmax		
HHC	comp-E,3um,11.2s		LR	LR		
HHC	comp-E,3um,13.7s		LR	LR		
HHC	comp-E,3um,12.4s		LR	LR		
MOY	Mondy	20.38 25	eP	P	19 45 30.9	+0.8
MOY	comp-Z,202nm,3.3s		Pmax	Pmax		
TIY	Taiyuan	20.56 72	eP	P	19 45 29.8	-2.3
TIY	comp-Z,800nm,4.6s		PP	PnSn	19 45 51.2	+1.7
TIY	comp-Z,2um,7.5s		S	S	19 49 16.4	-5.4
TIY	comp-Z,2um,7.5s		SS	SnSn	19 49 46.8	+6.2
TIY	comp-Z,150nm,0.7s		Pmax	Pmax		
TIY	comp-Z,800nm,4.6s		LR	LR		
TIY	comp-Z,2um,7.5s		LR	LR		
TIY	comp-Z,3um,11.3s		LR	LR		
URV	Urvakonda	20.92 209	eP	P	19 45 34.8	-1.2
URV	comp-Z,2um,11.8s		IVMs_BB IVMs_BB	IVMs_BB	19 53 53.1	
URV	comp-Z,2um,11.8s		P	P	19 45 34.7	-1.5
URV	comp-Z,65nm,1.0s,comp-Z,1um					
NONG	Nongkai	20.95 134	P	P	19 45 35.6	-0.8
NONG	comp-Z,75nm,1.6s					
DGPR	DIGLIPUR	21.06 165	eP	P	19 45 36.6	-1.0
DGPR	comp-Z,245nm,0.9s		IAMB	IAMB	19 45 46.0	
SKHT	Srikalahasti	21.16 202	ePn	P	19 45 40.9	+2.3
SKHT	comp-Z,1um,12.4s		IVMs_BB IVMs_BB	IVMs_BB	19 53 53.6	
SKHT	comp-Z,1um,12.4s		P	P	19 45 39.9	+0.1
NVS	Novosibirsk	21.30 353	iP	Sn	19 49 40.7	-2.6
NVS	comp-N,63nm,0.9s		Pmax	Pmax		
NVS	comp-E,24nm,0.9s		Pmax	Pmax		
NVS	comp-Z,63nm,0.9s		Pmax	Pmax		
TLY	Talaya	21.38 28	P	P	19 45 41.1	+0.4
TLY	comp-Z,4.9nm,0.5s,baz=240,slow=5.8,SNR=13		LR	LR	19 54 26.8	
TLY	comp-Z,2um,20.2s,baz=218,slow=38		LR	LR		
TLY	Talaya	21.38 28	eP	P	19 45 40.8	+0.1
TLY	comp-Z,2um,20.2s,baz=218,slow=38		S	S	19 49 39.2	+1.5
TLY	comp-Z,2um,20.2s,baz=218,slow=38		eSS	SnSn	19 50 01.4	+0.9
TLY	comp-Z,2um,20.2s,baz=218,slow=38		eSSS	SSS	19 50 16.3	
TLY	comp-Z,48nm,1.3s		Pmax	Pmax		
TLY	comp-Z,1um,10.0s		MLR	MLR		
TLY	Talaya	21.38 28	P	P	19 45 41.1	+0.4
TLY	comp-Z,1um,10.0s		eP	pP	19 45 41.6	-2.5
SRDT	SRDT	21.98 149	P	P	19 45 46.8	-0.6
SRDT	comp-Z,167nm,1.4s					

1d 20h

Table of station data for 1d 20h, including columns for station name, elevation, and various parameters.

2011 AUG

Main table of station data for 2011 AUG, listing station names, elevations, and other details.

Table for CSEM 01 19:41:31.1, 38°66'N-29°92'W, h10km, ML2.7, PDA 01 19:41:31.1, 1.1, 38.66N-29.92W, h10km, MD3.5, ML2.7, Error ellipse: s-maj=24.9km s-min=9.7km az=8.0, Azores Islands.

Table for IDC 01 19:48:54.5-2.6, 34°92'N-136°77'W, h0km, mb3.5/2, mb1 3.7/2, mb1mx3.2/31, mbtmp3.5/2, ML1.8/1, Error ellipse: s-maj=108.2km s-min=30.0km az=114.0, Western Honshu.

Table for CSEM 01 19:49:06.5, 38°61'N-29°90'W, h10km, ML3.4, PDA 01 19:49:06.5, 1.5, 38.61N-29.90W, h10km, MD3.6, ML3.4, Error ellipse: s-maj=13.6km s-min=9.9km az=19.0, Azores Islands.

Table for JMA 01 19:49:09.4, 36°32'N-137°14'E, h304km, M2.3, Eastern Honshu.

Table for CSEM 01 20:05:21.2, 38°61'N-29°91'W, h10km, ML3.3, PDA 01 20:05:21.2, 1.4, 38.61N-29.91W, h10km, MD3.5, ML3.3, Error ellipse: s-maj=18.3km s-min=11.7km az=172.0, Azores Islands.

Table for station data corresponding to the CSEM 01 20:05:21.2 event, listing station names and parameters.

Table with columns: PGRA, A, A, 20 06 14.8, 42nm, 0.4s, 1.56 74 eS, Sn, 20 06 01.5 -7.8, 2.09 88 eS, A, 20 06 15.2 -7.2, 48nm, 0.3s, 2.09 88 eS, Sn, 20 06 15.2 -7.2

IDC 01 20:05:29.2.0.9, 33.65N, 87.57E, h0km, mb3.6/9, mb1 3.8/10, mb1mx3.5/45, mbtmp3.6/10, ML2.9/1, Error ellipse: s-maj=36.3km s-min=17.2km az=51.0

ISCJB 01 20:05:33.0.6, 33.36N, 0.06-87.7E, 0.1, h33km, mb3.7/7, Error ellipse: s-maj=17.0km s-min=7.9km az=47.0

ISC 01 20:05:35.1.0, 33.37N, 0.09-87.7E, 0.2, h35km, n15, s135, 15, mb3.8/7, Kizang

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

DDA 01 20:13:56.5, 40.30N, 30.79E, h7km, ML2.7, ISCJB 01 20:13:57.1.0, 40.29N, 0.02-30.79E, 0.03, h5km, 4km, Error ellipse: s-maj=4.2km s-min=3.5km az=7.9

CSEM 01 20:13:57.3.0, 40.32N, 30.81E, h10km, ML2.5, Error ellipse: s-maj=3.8km s-min=3.0km az=61.0

ISK 01 20:13:57.2, 40.31N, 30.79E, h16km, ML2.5, ISC 01 20:13:57.5.0, 40.31N, 0.02-30.79E, 0.02, h12km, 7km, n11, s086, 61, Turkey

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

FUNV 01 20:17:43.1, 10.22N, 61.23W, h20km, MW3.1, ISCJB 01 20:17:44.8.0.6, 10.10N, 0.04-61.45W, 0.04, h68km, 4km, Error ellipse: s-maj=7.8km s-min=4.3km az=140.1

TRN 01 20:17:47.3, 10.14N, 61.39W, h48km, MD3.6, ISC 01 20:17:45.7.1, 3.32N, 10.05-61.41W, 0.04, h60km, 7km, n26, s192, 41, 2C, Trinidad

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

Table with columns: SVB Belmont, 3.18 3 eP, Pn, 20 18 34.6 +1.4, SVB, 20 18 09.9 0.0, Pn, 20 18 32.5 -0.8, PCRV Puerto La Cruz, 3.18 272 eP, Sn, 20 18 38.3 +1.3, PRGV PARIAGUAN, 3.64 248 eP, Sn, 20 19 20.2 -1.0, MCLT Moule a Chique, 3.64 7 eS, Pn, 20 18 19.2 +1.5, LUEJ Lueja, 4.21 181 eP, Pn, 20 18 49.1 +0.3, CUPV Copira, 4.31 270 eP, Sn, 20 19 37.3 -0.6, CUPV, 20 18 55.1 -0.3, BIRV Birongo, 4.80 275 eP, Sn, 20 19 48.3 -1.5, BIRV, 20 19 51.3 -0.8, SERV Mercedes, 6.34 271 eS, Sn, 20 18 45.0 +1.5, MAUV El Baul, 6.64 261 eP, Sn, 20 19 20.9 +0.3, MAPV Macapo, 6.95 269 eP, Sn, 20 19 24.3 -0.7

IDC 01 20:17:55.3.3.5, 2.61S, 100.39E, h0km, mb3.5/5, mb1 3.6/5, mb1mx3.4/56, mbtmp3.5/5, Error ellipse: s-maj=153.4km s-min=21.9km az=56.0, Sumatera

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

WEL 01 20:22:46.0.0, 40.46S, 174.07E, h78km, 5km, ML3.5/31, 3C-5D, Error ellipse: s-maj=1.6km s-min=0.9km az=90.0, Cook Strait

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

CSEM 01 20:25:42.7, 38.71N, 29.88W, h5km, ML2.9, PDA 01 20:25:42.7.0.9, 38.71N, 29.88W, h5km, MD3.5, ML2.9, Error ellipse: s-maj=21.0km s-min=8.6km az=7.0, Azores Islands

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

ISCJB 01 20:29:02.3.0.3, 64.85N, 0.03-129.20W, 0.06, h10km, mb3.3/1, Error ellipse: s-maj=4.9km s-min=3.6km az=167.1

IDC 01 20:29:02.4.1.0, 64.78N, 129.26W, h0km, mb3.3/1, mb1 3.4/4, mb1mx3.2/55, mbtmp3.2/4, ML3.3/3, Error ellipse: s-maj=19.7km s-min=8.0km az=20.0

PGC 01 20:29:07.0.0.0, 64.88N, 129.30W, h20km, ML3.8/4, 129km West of Norman Wells, Nt Wn Territories - Nunavut, Canada

ISC 01 20:29:03.5.0.7, 64.78N, 0.04-129.19W, 0.05, h10km, n39, s208, 55, Northwest Territories

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

Table with columns: KHZ, AML, AML, 20 23 40.4, KHZ, 20 23 40.5, KHZ, 20 23 40.9, KHZ, 20 23 40.8, HWZ Hauiti, 2.03 18 PN, Pn, 20 23 18.0 -0.7, KHZ Kaweka Forest, 2.08 61 AML, AML, 20 23 52.0, KWHZ, 20 23 54.4, DSZ Denniston Nort, 2.14 232 eP, Pn, 20 23 19.4 -0.8, KAHZ Kahuranaki, 2.25 74 JPN, Pn, 20 23 20.0 -1.7, MCHZ McNeill Hill, 2.26 64 AML, AML, 20 24 05.8, BKZ Black Stump Fm, 2.27 56 AML, AML, 20 23 58.1, TLZ Tolley Road, 2.49 29 PN, Pn, 20 23 23.1 -0.7, TOZ Tahuroa Road, 2.94 23 PN, Pn, 20 23 41.7 -0.2, INZ Inchbonnie, 3.00 220 PN, Pn, 20 23 31.3 -0.4, AWAZ Awahitu Peninsula, 3.42 8 PN, Pn, 20 23 37.0 -0.4, MKAZ Moumakai, 3.45 15 PN, Pn, 20 23 37.3 -0.6, WVZ Waitaha Valley, 3.61 223 PN, Pn, 20 23 40.1 +0.1, WIAZ Waitahu Island, 3.75 13 PN, Pn, 20 23 41.7 -0.2, FOX Fox Glacier, 4.42 224 PN, Pn, 20 23 50.1 -0.8, JCZ Jackson Bay, 5.33 226 PN, Pn, 20 24 02.9 -0.7

IDC 01 20:24:06.2.2.0, 35.53N, 141.44E, h0km, mb3.6/5, mb1 3.7/7, mb1mx3.5/56, mbtmp3.6/7, ML3.3/2, MS3.3/3, Ms1 3.3/3, ms1mx2.8/47, Error ellipse: s-maj=52.6km s-min=24.1km az=74.0

ISCJB 01 20:24:09.9.1.0, 35.53N, 0.05-141.3E, 0.1, h33km, mb3.4/5, MS4.0/1, Error ellipse: s-maj=12.3km s-min=6.3km az=161.4

JMA 01 20:24:12.6.0.1, 35.56N, 141.03E, h37km, 1km, M3.0, ISC 01 20:24:12.1.1.2, 35.51N, 0.05-141.1E, 0.1, h33km, n23, s094, 19, mb3.4/5, Near east coast of eastern Honshu

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

CSEM 01 20:25:42.7, 38.71N, 29.88W, h5km, ML2.9, PDA 01 20:25:42.7.0.9, 38.71N, 29.88W, h5km, MD3.5, ML2.9, Error ellipse: s-maj=21.0km s-min=8.6km az=7.0, Azores Islands

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

ISCJB 01 20:29:02.3.0.3, 64.85N, 0.03-129.20W, 0.06, h10km, mb3.3/1, Error ellipse: s-maj=4.9km s-min=3.6km az=167.1

IDC 01 20:29:02.4.1.0, 64.78N, 129.26W, h0km, mb3.3/1, mb1 3.4/4, mb1mx3.2/55, mbtmp3.2/4, ML3.3/3, Error ellipse: s-maj=19.7km s-min=8.0km az=20.0

PGC 01 20:29:07.0.0.0, 64.88N, 129.30W, h20km, ML3.8/4, 129km West of Norman Wells, Nt Wn Territories - Nunavut, Canada

ISC 01 20:29:03.5.0.7, 64.78N, 0.04-129.19W, 0.05, h10km, n39, s208, 55, Northwest Territories

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

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

IDC 01 20:38:54.8-5.1, 17.325x179.05W, h575km, 56km, mb3.3/7, mb1 3.6/8, mb1mx3.1/38, mbtmp4.3/8, Error ellipse: s-maj=67.6km s-min=27.5km az=150.0, Fiji Islands region

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

ISCJB 01 20:46:46.9-0.6, 19.85N, 0.06:145.9E:0.2, h57km, mb4.0/15, MS2.9/1, Error ellipse: s-maj=22.6km s-min=9.0km az=176.4

NEIC 01 20:46:49.7-1.8, 19.84N:145.87E, h68km, mb4.3/3, Error ellipse: s-maj=19.4km s-min=8.9km az=163.0

IDC 01 20:46:49.1-4.2, 19.84N:145.90E, h61km, mb3.8/12, mb1 3.9/13, mb1mx3.6/50, mbtmp4.0/13, ML4.2, MS3.1/2, Ms1 3.1/2, ms1mx2.6/40, Error ellipse: s-maj=30.2km s-min=13.2km az=86.0

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

ISC 01 20:46:48.0-0.7, 19.85N, 0.09:145.9E:0.2, h57km, n28, +0591/21, mb4.0/15, Mariana Islands

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

ISC 01 20:49:37.1-1.2, 45.02N, 0.03:14.92E:0.07, h9km, n11, +0548/16, Northwestern Balkan Peninsula

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

CSEM 01 20:58:33.9, 46:39N:15.07E, h0km, Mining explosion, LJU 01 20:58:33.9, 46:39N:15.07E, h0km, Rockburst, Northwestern Balkan Peninsula

CSEM 01 21:13:10.8, 38:60N:30:25W, h10km, ML2.4, PDA 01 21:13:10.8, 1.1, 38:60N:30:25W, h10km, MD3.5, ML2.4, Error ellipse: s-maj=31.8km s-min=11.0km az=1.0, Azores Islands

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

GUC 01 21:15:42.1-0.5, 20:44S:69:04W, h100km, 2km, ML3.5, 5C, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB08, PB01, HMBC, etc.

ISCJB 01 21:25:50.1-0.8, 10:24N, 0.05:73:49W:0.04, h87km, 13km, Error ellipse: s-maj=9.1km s-min=6.3km az=157.2

RSNC 01 21:25:51.4, 0.0, 10:26N:73:54W, h82km, 10km, ML2.5, FUNV 01 21:25:52.3, 10:30N:73:55W, h34km, MW2.6

ISC 01 21:25:50.4, 1.6, 10:30N:07:73:52W:0.05, h82km, 15km, n17, +1:20:03, 23C, Northern Colombia

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

ISCJB 01 21:30:46.8-0.5, 11:16N, 0.06:124:68E:0.04, h11km, mb4.0/10, MS3.4/9, Error ellipse: s-maj=8.9km s-min=5.5km az=172.0

MAN 01 21:30:46.1, 11:14N, 124:92E, h37km, mb4.8, ML3.7, MS3.8, IDC 01 21:30:46.3, 0.8, 11:06N:124:63E, h0km, mb4.0/10, mb1 4.1/10, mb1mx3.8/51, mbtmp4.0/10, MS3.4/10, Ms1 3.4/10, ms1mx3.2/42, Error ellipse: s-maj=69.6km s-min=16.8km az=73.0

ISC 01 21:30:47.0-6.1, 11:12N:0.07:124:64E:0.05, h11km, n21, +1927/17, mb4.1/10, MS3.5/9, 3C-1D, Leyte

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

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

CSEM 01 21:36:03.5, 38:63N:29:91W, h10km, ML2.8, PDA 01 21:36:03.5, 1.1, 38:63N:29:91W, h10km, MD3.5, ML2.8, Error ellipse: s-maj=24.9km s-min=9.5km az=3.0, Azores Islands

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

ISC 01 21:42:52.7-0.7, 35:55N:27:27E, h0km, mb4.0/15, mb1 4.0/22, mb1mx3.8/48, mbtmp3.9/22, ML3.7/7, MS3.0/8, Ms1 3.0/8, ms1mx2.7/43, Error ellipse: s-maj=17.4km s-min=12.0km az=164.0

ATH 01 21:42:53.6, 35:57N:27:22E, h18km, 1km, ML3.7/7, Error ellipse: s-maj=2.3km s-min=1.0km az=142.0

ISK 01 21:42:53.3, 35:47N:27:18E, h16km, ML4.0, CSEM 01 21:42:54.5-0.1, 35:54N:27:21E, h8km, ML3.7, Error ellipse: s-maj=3.4km s-min=2.4km az=175.0

ISCJB 01 21:42:54.0-2.0, 35:47N:0.02:27:30E:0.02, h19km, 4km, mb3.9/14, MS3.6/2, Error ellipse: s-maj=3.4km s-min=2.5km az=179.9

THE 01 21:42:55.2, 35:57N:27:21E, h1km, ML3.9/4, Error ellipse: s-maj=1.0km s-min=0.5km az=149.0

NIC 01 21:42:57.0, 33:33N:27:55E, h51km, mb4.5, ML4.1, HLW 01 21:43:03.8, 34:94N:27:63E, h33km, 24km, MD3.9, DDA 01 21:43:19.0, 35:81N:27:33E, h11km, M14.0

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

ISC 01 21:42:54.3-0.7, 35:53N:0.03:27:25E:0.02, h11km, 4km, n229, +1955/267, mb4.0/14, 4C-1D, Dodecanese Islands

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

ISC 01 21:42:54.3-0.7, 35:53N:0.03:27:25E:0.02, h11km, 4km, n229, +1955/267, mb4.0/14, 4C-1D, Dodecanese Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Plateau Road, Hancock Road, Rungaukumara Rang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like JFK, ONAJ, ONAJ, Marumori, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like ZAAO, ZALV, ZALV, ZAA1, etc.

IDC 01 22:22:36.0-3.4, 61.315x151.87E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.7/19, mbtmp3.6/4, ML3.4/1, Error ellipse: s-maj=277.3km s-min=37.1km az=77.0, Balleny Islands region

IDC 01 22:45:14.0-0.7, 33.61N-87.59E, h0km, mb3.9/20, mb1 4.2/23, mb1mx4.0/48, mbtmp4.0/23, ML3.8/3, MS3.4/13, Ms1 3.4/13, ms1mx3.2/39, Error ellipse: s-maj=24.7km s-min=12.8km az=47.0

ATH 01 22:53:47.1, 35.62N-26.37E, h45km, 19km, ML2.4/9, Error ellipse: s-maj=19.0km s-min=1.1km az=158.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Vnda, Stephens Creek, Cape Leeuwin H, etc.

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

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

NIED 01 22:29:00, 37.400N, 143.50E, h11km, Mw3.4, Best double couple: M1-44000-1014, N1-240,00000, 342,00000, 1-78,00000, N1-240,00000, 342,00000, 1-102,00000

IDC 01 22:29:31.3-1.5, 37.16N, 144.00E, h0km, mb3.4/3, mb1 3.7/6, mb1mx3.5/35, mbtmp3.6/6, ML3.6/2, MS3.6/1, Ms1 3.6/1, ms1mx2.4/24, Error ellipse: s-maj=32.9km s-min=26.9km az=113.0

CSEM 01 22:53:48.0-2.3, 35.62N-26.36E, h40km, ML2.4, Error ellipse: s-maj=4.4km s-min=4.0km az=158.0

ISCJB 01 22:29:34.7-0.8, 37.33N, 143.56E, h0.06, h33km, mb3.4/3, MS3.7/1, Error ellipse: s-maj=7.4km s-min=6.4km az=32.4

JMA 01 22:29:35.7-0.3, 37.40N, 143.50E, h46km, M3.9, ISC 01 22:29:36.1-1.2, 37.32N, 143.63E, h08, h35km, n19, n1903/1, mb3.5/3, Off east coast of Honshu

THE 01 22:53:48.8, 35.62N-26.38E, h13km, 25km, ML2.6/7, Error ellipse: s-maj=25.3km s-min=0.8km az=159.0

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

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

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

2d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARSB Arslanbob, DRK Karamyk, MRKS Merke, ARLS Aral, AAK Ala-Archa, etc.

ISJCJB 01 23:37.24.31.2.39.10N.0.05.142.5E.0.1, h51km, 14km, mb3.4/2, Error ellipse: s-maj=16.8km s-min=6.6km az=14.8

JMA 01 23:37.25.2.39.13N.142.41E, h46km, 1km, M3.2

ICD 01 23:37.32.3.6.39.34N.141.29E, h128km, 72km, mb3.0/2, m1 3.2/3, mb1mx2.9/35, mbtmp3.3/3, MS3.0/1, M1 3.0/1, ms1mx2.2/11, Error ellipse: s-maj=193.4km s-min=29.0km az=112.0

ISC 01 23:37.24.1.1.9.39.10N.0.05.142.5E.0.09, h33km, 12km, n21, c0567/24, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OFUJ Ofunato, MIYK Miyakonagasawa, JTH Tanohata, etc.

DDA 02 00:40:50.7.39.12N.29.01E, h7km, MD2.9

ISJCJB 02 00:40:51.0.5.39.04N.0.04.29.02E.0.04, h11km, 4km, Error ellipse: s-maj=6.9km s-min=4.5km az=158.6

2011 AUG

Table with columns: GEMT, GEMT, GEMT, BORA, BORA, BORA, ARMT, ARMT, ARMT, ARMT, ARMT, GULT, GULT, GURA, GURA, GURA, CTKS, CTKS, CTKS. Includes station names like Gemlik, Eskisehir, Bora, Armutlu, Gulveren, Kestanelik-??a.

IDC 02 00:57:41.7.1.7.3.43S.144.72E, h0km, mb3.5/3, m1 3.4/5, ms1mx3.0/26, Error ellipse: s-maj=97.4km s-min=26.2km az=121.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warrungga Arr, WRA Warrungga Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, FITZ Fitzroy Cross, FITZ Fitzroy Cross, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, KSRS Korea Array, SONM Songino Array, ILAR Eielson Array.

IDC 02 01:12:05.6.0.6.25.49N.142.71E, h0km, mb4.2/26, m1 4.3/27, mb1mx4.2/50, mbtmp4.1/27, ML3.5/1, MS2.6/1, Ms1 2.6/1, ms1mx2.3/46, Error ellipse: s-maj=19.8km s-min=13.9km az=83.0

ISJCJB 02 01:12:09.4.0.5.25.44N.0.06.142.7E.0.1, h38km, mb4.2/27, MS2.5/1, Error ellipse: s-maj=15.5km s-min=8.9km az=167.8

NEIC 02 01:12:12.5.1.1.25.49N.142.66E, h49km, 9km, mb4.6/1, Error ellipse: s-maj=10.7km s-min=7.3km az=88.0

ISC 02 01:12:11.0.1.6.25.41N.0.08.142.7E.0.1, h38km, n41, c0581/37, mb4.2/27, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBJJ Chichi jima, CBJJ Chichi jima, MJAR Matsushiro Arr, KSRS Korea Array, KSAR Uonijoy Array, USRK Usonjuy Arr, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, KLR Kul dur, PETK Petropavlovsk, SONM Songino Array, SEY Seymchan, CMAR Chiang Mai Arr, WRA Warrungga Arr, ASAR Alice Springs, ZALV Zalesovo Beam, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, NRK Noril'sk, KURK Kurchatov, KURB Kurchatov Arr, STKA Stephens Creek, ILAR Eielson Array, BVAR Borovoye Array, INK Inuvik, ARU Aru, YKA Yellowknife Arr, ARCES ARCES Array, KBZ Khabaz, FINES FINESS Array, FINES FINESS Array, AKAS Malin Array, AKAS Malin Array, KIEV Kiev, KIEV Kiev, FINES FINESS Array, FINES FINESS Array, ARCES ARCES Array, ARCES ARCES Array, NB2 NORARS Subarra, NOA NORARS Array, YKA Yellowknife Arr, YKA Yellowknife Arr, YKA Yellowknife Arr.

ISJCJB 02 01:19:42.8.0.8.32.19N.0.04.115.28W.0.06, h19km, 14km, Error ellipse: s-maj=8.9km s-min=5.2km az=149.4

ECX 02 01:19:43.8.0.5.32.19N.115.27W, h8km, MD2.5, ML2.6

MEX 02 01:19:44.5.0.5.32.22N.115.14W, h16km, 36km, MD3.6

ISC 02 01:19:44.2.1.0.32.21N.0.05.115.23W.0.06, h27km, 9km, n15, c0555/22, IC, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MBIG Mexicali, MBIG Mexicali, CPBX Cerro Prieto, CPBX Cerro Prieto, CPBX Cerro Prieto, EMSC East Mesa, SGL Mount Signal, YUH Yuta Desert, ECXB El Chinoero, ECXB El Chinoero, RMX La Rumorosa, RMX La Rumorosa, IKP In-Ko-Pah, ZAX El Zacaton, SPIG San Pedro Mart, SPIG San Pedro Mart, CBG Cerro Bola, CBX Cerro Bola, CBX Cerro Bola, TJJG Tijuana, TJJG Tijuana, ECXN Esteban Cantu.

IDC 02 01:13:25.7.7.2.35.92N.71.42E, h51km, 35km, mb3.7/7, m1 3.8/11, mb1mx3.4/54, mbtmp4.0/11, ML3.5/3, MS2.5/1, Ms1 2.5/1, ms1mx2.2/38, Error ellipse: s-maj=90.8km s-min=27.7km az=161.0

ISJCJB 02 01:13:32.0.4.36.41N.0.04.71.75E.0.06, h119km, mb4.0/10, Error ellipse: s-maj=8.5km s-min=3.9km az=143.0

66

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, MNAS Manas, MNAS Manas, MNAS Manas, SDNR Sundarnagar, SDNR Sundarnagar, AAK Ala-Archa, AAK Ala-Archa, KK31 Karatay Array, KK31 Karatay Array, TKM2 Tokmak 2, TKM2 Tokmak 2, GEYT Alibay, GEYT Alibay, PYUN Pluthan, PYUN Pluthan, PYUN Koldanda, PYUN Koldanda, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, GKN Gorkha, GKN Gorkha, DMN Daman, DMN Daman, PKIN Phulchoki, PKIN Phulchoki, PKIN Phulchoki, PKI Pulchoki, PKI Pulchoki, JIRN Jiri, JIRN Jiri, KURB Kurchatov Arr, KURB Kurchatov Arr, KURK Kurchatov, KURK Kurchatov, AB31 Akbulay Arr, AB31 Akbulay Arr, BVAR Borovoye Array, BVAR Borovoye Array, AKTO Aktau, AKTO Aktau, ZALV Zalesovo Beam, ZALV Zalesovo Beam, GNI Gani, GNI Gani, ARU Arti, ARU Arti, ARU Arti, ARU Arti, GOF Gofitskoye, GOF Gofitskoye, KIV Kislovodsk, KIV Kislovodsk, KIV Kislovodsk, OBN Obninsk, OBN Obninsk, OBN Obninsk, AKAS Malin Array, AKAS Malin Array, AKAS Malin Array, KIEV Kiev, KIEV Kiev, FINES FINESS Array, FINES FINESS Array, ARCES ARCES Array, ARCES ARCES Array, NB2 NORARS Subarra, NB2 NORARS Subarra, NOA NORARS Array, NOA NORARS Array, YKA Yellowknife Arr, YKA Yellowknife Arr, YKA Yellowknife Arr.

ISJCJB 02 01:19:42.8.0.8.32.19N.0.04.115.28W.0.06, h19km, 14km, Error ellipse: s-maj=8.9km s-min=5.2km az=149.4

ECX 02 01:19:43.8.0.5.32.19N.115.27W, h8km, MD2.5, ML2.6

MEX 02 01:19:44.5.0.5.32.22N.115.14W, h16km, 36km, MD3.6

ISC 02 01:19:44.2.1.0.32.21N.0.05.115.23W.0.06, h27km, 9km, n15, c0555/22, IC, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MBIG Mexicali, MBIG Mexicali, CPBX Cerro Prieto, CPBX Cerro Prieto, CPBX Cerro Prieto, EMSC East Mesa, SGL Mount Signal, YUH Yuta Desert, ECXB El Chinoero, ECXB El Chinoero, RMX La Rumorosa, RMX La Rumorosa, IKP In-Ko-Pah, ZAX El Zacaton, SPIG San Pedro Mart, SPIG San Pedro Mart, CBG Cerro Bola, CBX Cerro Bola, CBX Cerro Bola, TJJG Tijuana, TJJG Tijuana, ECXN Esteban Cantu.

IDC 02 01:13:25.7.7.2.35.92N.71.42E, h51km, 35km, mb3.7/7, m1 3.8/11, mb1mx3.4/54, mbtmp4.0/11, ML3.5/3, MS2.5/1, Ms1 2.5/1, ms1mx2.2/38, Error ellipse: s-maj=90.8km s-min=27.7km az=161.0

ISJCJB 02 01:13:32.0.4.36.41N.0.04.71.75E.0.06, h119km, mb4.0/10, Error ellipse: s-maj=8.5km s-min=3.9km az=143.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BILL, WMQ, Urumqi, Sparrevohn, etc.

NIED 02 01:46:00.37:70N:139:90E, h8km, Mw3.5 Best double couple: M2 33000*1014 NP1.9e218.00000*839.00000*1.97.00000* NP2.9e20.00000*851.00000*1.84.00000*...

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

MEX 02 01:50:36.0-6.28:72N*113:15W, h20km, 19km, MD4.2, Baja California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SRIG, Santa Rosalia, SRIG, Santa Rosalia, etc.

WEL 02 02:01:35.10-6.35:29S*178:34E, h223km, 12km, ML3.8/22, Error ellipse: s-maj=11.0km s-min=10.1km az=90.0, Off east coast of North Island

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

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

ISCJB 02 02:03:47.3:1.6, 10:1S:0:2:161.5E:0.2, h85km, mb3.6/4, Error ellipse: s-maj=28.0km s-min=13.9km az=43.5

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

ISCJB 02 02:13:47.4:0.7, 26:39N:0:05:53:03E:0:07, h10km, mb3.5/5, Error ellipse: s-maj=10.7km s-min=5.7km az=144.3

TEH 02 02:13:54.0:27:09N:3:67E, h10km, ML3.4, CSEM 02 02:13:55.4:1.2, 27:34N:53:37E, h2km, ML3.0, Error ellipse: s-maj=34.2km s-min=12.7km az=25.0

ISC 02 02:13:49.0:0.9, 26:39N:0:07:53:23E:0:07, h10km, n22, e250/25, mb3.4/5, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GHIR, Ghir-Karzin, ISRV, Sarvestan, etc.

JMA 02 02:15:32.2, 37:67N:139:93E, h9km, 1km, M2.7, Eastern Honshu

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

FTZ	Fitzroy Crossi	23.70 231	P	P	02 32 07.7 -0.2
ILAR	Eilsion Array	84.03 24	P	P	02 39 26.4 +0.1

ISCJB 02 02:28:06.3:0.5, 24.09S:0'05:66.74W:0.05, h200km, mb3.6/8, Error ellipse: s-maj=7.0km s-min=5.3km az=35.7
 IDC 02 02:28:07.8:1.4, 24.02S:66.61W, h198km, 13km, mb3.5/8, mb1.3/6.12, mb1mx3.4/26, mbtmp3.9/12, Error ellipse: s-maj=19.5km s-min=13.7km az=69.0
 GUC 02 02:28:09.3:0.6, 23.99S:67.58W, h260km, 17km, ML4.9
 ISC 02 02:28:07.3:0.6, 24.06S:0'06:66.77W:0.06, h200km, n25, α157/37, mb3.8/8, 7C-1D, Salta Province

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
LVC	Limon Verde	2.44 306	Op	S	ISC	02 28 52.3 +1.3	
LVC	baz=254,slow=20			S	Sn	02 29 25.4 +0.6	
PB06	IPOC Station P	2.91 297	Op	Pn	ISC	02 28 57.0 +1.0	
PB06				S	Sn	02 29 33.1 -0.9	
PB06				I	IAML	02 29 36.1	
PB09	comp=E,2um,0.1s			Pn	ISC	02 29 01.0 +1.4	
PB09	IPOC Station P	3.21 314	Op	Pn	ISC	02 29 40.7 +0.2	
PB09				S	Sn	02 29 44.4	
PB14	comp=N,2um,0.6s			Pn	ISC	02 29 01.5 -0.1	
PB14	IPOC Station P	3.36 260	Op	Pn	ISC	02 29 41.0 -3.1	
PB10	IPOC Station P	3.51 278	Op	Pn	ISC	02 29 42.9 -3.8	
PB04	IPOC Station P	3.55 298	Op	Pn	ISC	02 29 40.0 +0.2	
PB04				S	Sn	02 29 45.2 -2.8	
PB04				I	IAML	02 29 48.5	
PB07	comp=N,1um,0.4s			Pn	ISC	02 29 06.0 +0.4	
PB07	IPOC Station P	3.69 308	Op	Pn	ISC	02 29 49.1 -2.0	
PB07				S	Sn	02 29 51.3	
PB01	comp=N,1um,0.2s			Pn	ISC	02 29 08.7 +0.5	
PB01	IPOC Station P	3.92 320	Op	Pn	ISC	02 29 54.2 -1.7	
PB01				S	Sn	02 29 57.1	
PB08	comp=E,681nm,0.3s			Pn	ISC	02 29 16.6 +1.0	
PB08	IPOC Station P	4.48 330	Op	Pn	ISC	02 30 08.4 -0.8	
PB08				S	Sn	02 30 12.3	
PB08				I	IAML		
LPAZ	comp=E,301nm,0.3s			Pn	ISC	02 29 59.9 +0.7	
LPAZ	La Paz	7.84 350	Op	Pn	ISC	02 31 27.2 -0.7	
LPAZ	comp=E,0.8nm,0.3s,baz=132,slow=3.5,SNR=2			Pn	ISC	02 30 10.8 -0.7	
CPUP	Villa Florida	8.84 107	Op	Pn	ISC	02 30 10.8 -0.7	
SIV	comp=E,0.2nm,0.3s,baz=289,slow=12,SNR=5.3			Pn	ISC	02 30 21.1 -1.0	
SIV	San Ignacio	9.65 35	Op	Pn	ISC	02 32 05.3 -4.8	
SIV	comp=E,0.3nm,0.3s,baz=228,slow=14,SNR=11			Pn	ISC	02 32 05.3 -4.8	
PLCA	baz=301,slow=18,SNR=2.0			Pn	ISC	02 31 51.7 -1.0	
PLCA	Paso Flores	16.93 190	Op	Pn	ISC	02 31 51.7 -1.0	
PLCA	comp=E,0.3nm,0.3s,baz=36,slow=8.6,SNR=7.6			Pn	ISC	02 33 04.4 -0.4	
PTGA	Pitinga	24.11 17	Op	Pn	ISC	02 33 04.4 -0.4	
PTGA	comp=E,1.7nm,0.5s,baz=195,slow=12,SNR=4.4			Pn	ISC	02 37 48.1 +1.0	
SNA4	Sanaa	59.22 161	Op	Pn	ISC	02 38 34.1 +0.8	
SNA4	comp=E,0.9nm,0.7s,baz=272,slow=8.6,SNR=11			Pn	ISC	02 38 19.8 +1.1	
TXAR	Lajitas Array	63.85 324	Op	Pn	ISC	02 38 19.8 +1.1	
TXAR	comp=E,1.6nm,1.1s,baz=262,slow=7.1,SNR=2.1			Pn	ISC	02 38 42.6 -0.3	
DBIC	Dimbokwa	67.62 71	Op	Pn	ISC	02 39 41.3 +1.4	
PDAR	Pinedale Array	77.31 329	Op	Pn	ISC	02 39 45.9 +0.8	
PDAR	comp=E,0.2nm,0.4s,baz=104,slow=3.8,SNR=3.0			Pn	ISC	02 40 01.5 +0.8	
ULM	Lac du Bonnet	78.35 341	Op	Pn	ISC	02 40 01.5 +0.8	
ULM	comp=E,1.1nm,0.6s,baz=132,slow=4.4,SNR=5.3			Pn	ISC	02 41 03.7 +0.6	
MAW	Mawson	81.32 163	Op	Pn	ISC	02 41 03.7 +0.6	
MAW	comp=E,0.3nm,0.7s,baz=216,slow=12,SNR=3.9			Pn	ISC	02 46 51.5 +0.5	
YKA	Yellowknife Arr	94.25 340	Op	Pn	ISC	02 46 51.5 +0.5	
YKA	comp=E,0.1nm,0.3s,baz=154,slow=2.5,SNR=5.3			Pn	ISC	02 46 57.9 +0.8	
ASAR	Alice Springs	128.49 204	Op	Pn	ISC	02 46 57.9 +0.8	
ASAR	comp=E,0.5nm,0.5s,baz=152,slow=12,SNR=12			Pn	ISC	02 47 16.6 -0.8	
WRA	Warramunga Arr	131.67 207	Op	Pn	ISC	02 47 16.6 -0.8	
WRA	comp=E,1.1nm,0.5s,baz=310,slow=3.3,SNR=4.3			Pn	ISC	02 47 24.4 -1.6	
ZALV	Zalesovo Beam	143.25 28	Op	Pn	ISC		
ZALV	comp=E,1.1nm,0.5s,baz=310,slow=3.3,SNR=4.3			Pn	ISC		
MJAR	Makanchi Array	146.44 40	Op	Pn	ISC		
MJAR	comp=E,1.3nm,0.6s,baz=301,slow=2.6,SNR=16			Pn	ISC		

ISC 02 02:29:59.0:1.1, 29.77S:176.20W, h0km, mb4.2/6, mb1.4/3.8, mb1mx4.1/28, mbtmp4.2/8, ML3.9/2, MS3.2/3, Ms1.3/2.3, ms1mx2.8/39.0, Error ellipse: s-maj=37.7km s-min=22.6km az=159.0
 NEIC 02 02:30:00.3:0.8, 29.76S:176.18W, h10km, mb4.4/1, Error ellipse: s-maj=18.0km s-min=13.9km az=129.0
 ISCJB 02 02:30:04.0:1.1, 29.88S:0'07:176.6W:0.1, h33km, mb4.2/7, MS3.4/2, Error ellipse: s-maj=14.2km s-min=8.4km az=154.0
 ISC 02 02:30:05.2:1.0, 29.77S:0'10:176.5W:0.1, h35km, n17, α160/19, mb4.3/7, Kermadec Islands region

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
RAO	Raoul Island	1.37 292	Op	Pn	ISC	02 30 29.4 +1.7	
RAO	170nm,0.3s,baz=78,slow=11,SNR=9.2			Pn	ISC	02 30 43.0 -1.7	
RAO	707nm,0.3s,baz=114,slow=19,SNR=13			Pn	ISC	02 30 29.5 +1.7	
RAO	Raoul Island	1.37 292	Op	Pn	ISC	02 30 41.0 -3.7	
RAO				S	Sn	02 32 26.6 +0.2	
URZ	Urewera	10.60 21	Op	Pn	ISC	02 34 15.8 -1.6	
URZ	0.6nm,0.3s,baz=45,slow=7.1,SNR=2.5			Pn	ISC	02 34 00.8 -0.7	
RPZ	Rata Peaks	17.11 212	Op	Pn	ISC	02 39 21.1	
RPZ	0.6nm,0.3s,baz=30,slow=5.3,SNR=3.3			Pn	ISC	02 36 58.8 +2.1	
DZM	Mont Dzumac	17.29 293	Op	Pn	ISC	02 37 04.4 +2.2	
DZM	comp=Z,38nm,21.4s,baz=209,slow=32			Pn	ISC	02 52 02.9	
CTA	Charters Tower	35.02 277	Op	Pn	ISC	02 38 12.9 -0.4	
CTA	1.8nm,0.4s,baz=94,slow=11,SNR=3.6			Pn	ISC	02 55 55.6	
STKA	Stephen Creek	35.92 256	Op	Pn	ISC	02 38 12.9 -0.4	
STKA	5.5nm,0.8s,baz=83,slow=8.6,SNR=6.8			Pn	ISC	02 38 12.9 -0.4	
ASAR	Alice Springs	144.48 266	Op	Pn	ISC	02 38 12.9 -0.4	
ASAR	1.0nm,0.5s,baz=99,slow=7.2,SNR=17			Pn	ISC	02 38 20.7 0.0	
WRAB	Tennant Creek	45.41 271	Op	Pn	ISC	02 38 19.9 -0.8	
WRAB	3.3nm,0.8s			Pn	ISC	02 39 23.9 0.0	
WRA	Warramunga Arr	45.41 271	Op	Pn	ISC	02 39 23.9 0.0	
WRA	3.1nm,0.7s,baz=110,slow=8.1,SNR=21			Pn	ISC	02 43 04.9 -0.8	
FITZ	Fitzroy Crossi	53.70 269	Op	Pn	ISC	02 49 45.9 -1.2	
FITZ	3.9nm,0.5s,baz=90,slow=5.1,SNR=4.7			Pn	ISC	02 49 54.8 -0.6	
TXAR	Lajitas Array	90.93 37	Op	Pn	ISC	02 49 54.8 -0.6	
TXAR	0.4nm,0.9s,baz=195,slow=3.9,SNR=4.2			Pn	ISC	02 49 54.8 -0.6	
FINES	FINES Array B	144.99 341	Op	Pn	ISC	02 49 54.8 -0.6	
FINES	2.0nm,0.7s,baz=58,slow=2.2,SNR=6.3			Pn	ISC	02 49 54.8 -0.6	
NB2	NORSAR Subarray A	141.31 353	Op	Pn	ISC	02 49 54.8 -0.6	
NB2	comp=Z,0.7nm,0.7s,baz=133,slow=8.2,SNR=7.7			Pn	ISC	02 49 54.8 -0.6	
NOA	NORSAR Array B	148.31 353	Op	Pn	ISC	02 49 54.8 -0.6	
NOA	comp=Z,1.0nm,0.7s,baz=154,slow=4.3,SNR=6.1			Pn	ISC	02 49 54.8 -0.6	
AKAS	Malin Array B	151.58 325	Op	Pn	ISC	02 49 54.8 -0.6	
AKAS	comp=Z,1.9nm,0.6s,baz=42,slow=2.4,SNR=7.7			Pn	ISC	02 49 54.8 -0.6	
BRTR	Keelin Array B	153.45 300	Op	Pn	ISC	02 49 54.8 -0.6	
BRTR	comp=Z,0.4nm,0.8s,baz=72,slow=5.2,SNR=2.9			Pn	ISC		

ISK 02 02:31:41.3, 40.65N:29.04E, h17km, MD2.5
 ISCJB 02 02:31:42.1, 0.5, 44.37N:0.03, 29.00E:0.05, h9km, 6km, Error ellipse: s-maj=7.3km s-min=4.5km az=28.3
 CSEM 02 02:31:42.1, 0.2, 40.67N:29.03E, h10km, MD2.5, Error ellipse: s-maj=5.7km s-min=4.7km az=103.0
 DDA 02 02:31:42.0, 0.64N:29.06E, h7km, MD2.6
 ISC 02 02:31:41.9:1.0, 40.65N:0'02:29.03E:0.03, h18km, 4km, n30, α08/44, Turkey

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
ARMT	Armutlu	0.15 235	Op	Pg	ISC	02 31 45.7 -0.5	
ARMT	Armutlu	0.15 235	Op	Pg	ISC	02 31 47.1 +0.1	
BUY	Buyukada	0.21 19	Op	Sg	ISC	02 31 50.7 +0.3	
BUY	Buyukada	0.21 19	Op	Sg	ISC	02 31 50.7 +0.3	

MDNY	Mudanya-Bursa	0.30 201	ePg	Pg	02 31 48.5 0.0
MDNY	Mudanya-Bursa	0.30 201	ePg	Pg	02 31 48.5 0.0
ISK	Istanbul-Kandi	0.41 3	ePg	Pg	02 31 50.4 0.0
ISK	Istanbul-Kandi	0.41 3	ePg	Pg	02 31 50.7 +0.6
ISK	Istanbul-Kandi	0.41 3	ePg	Pg	02 31 50.4 0.0
ISK	Istanbul-Kandi	0.41 3	ePg	Pg	02 31 50.7 +0.6
IZI	Iznik	0.46 133	ePg	Pg	02 31 51.0 -0.3
IZI	Iznik	0.46 133	ePg	Pg	02 31 51.0 -0.3
KLVT	Kilyos	0.60 1	ePg	Sb	02 31 53.5 -0.3
KLVT	Kilyos	0.60 1	ePg	Sb	02 32 02.4 +0.5
KLVT	Kilyos	0.60 1	ePg	Sb	02 31 53.5 -0.3
KLVT	Kilyos	0.60 1	ePg	Sb	02 32 02.4 +0.5
KLYT	Karacabey (Bur	0.64 233	ePg	Pg	02 31 54.4 -0.2
KLYT	Karacabey (Bur	0.64 233	ePg	Pg	02 31 54.4 -0.2
CKTX	Kestanelik-??a	0.70 326	ePg	Pg	02 31 54.6 -1.1
CKTX	Kestanelik-??a	0.70 326	ePg	Pg	02 31 54.6 -1.1
CKTX	Kocaeli-Kandir	0.99 63	ePg	Pg	02 32 00.2 -0.8
CKTX	Kocaeli-Kandir	0.99 63	ePg	Pg	02 32 00.2 -0.8
CKTX	Kocaeli-Kandir	0.99 63	ePg	Pg	02 32 13.5 -0.5
CKTX	Kocaeli-Kandir	0.99 63	ePg	Pg	02 32 13.5 -0.5
MRMT	Marmara Adasi	1.09 268	ePn	Pg	02 32 02.9 -0.1
MRMT	Marmara Adasi	1.09 268	ePn	Pg	02 32 02.9 -0.1
GULT	Gulveren	1.16 101	ePn	Pb	02 32 02.6 -0.7
GULT	Gulveren	1.16 101	ePn	Pb	02 32 02.6 -0.7
TVSB	Tavsanli	1.25 164	ePn	Pn	02 32 04.5 0.0
TVSB	Tavsanli	1.25 164	ePn	Pn	02 32 04.5 0.0
BORA	Eskisehir	1.34 125	ePn	Pg	02 32 07.7 0.0
BORA	Eskisehir	1.34 125	ePn	Pg	02 32 07.7 0.0
BORA	Eskisehir	1.34 125	ePn	Pg	02 32 25.5 +0.5
BORA	Eskisehir	1.34 125	ePn</		

2d 4h

Table with columns: QRZ, Range, Az, El, Pn, P, Time, Res. Includes entries for Quartz Range, Tophouse, Lake Taylor, etc.

NIED 02:03:37.00, 35.80N, 140.10E, h65km, Mw4.2 Best double couple: M2.20000x1015 NP1.0x149.00000, s36.00000, 7.53.00000, NP2.0x13.00000, s62.00000, l1.14.00000, BUJ 02:03:37.41, 35.80N, 140.30E, h72km, mb4.6/24, mb4.8/17, Ms4.56, Ms7.4

MOS 02:03:37.41.2, 1.2, 35.84N, 140.24E, h58km, mb4.6/20, Error ellipse: s-maj=5.5km s-min=5.8km az=107.8 ISC:JB 02:03:37.42.4, 0.3, 35.78N, 140.20E, 0.0, 0.4, h73km, 2km, mb4.3/41, Error ellipse: s-maj=6.0km s-min=5.4km az=13.5

NEIC 02:03:37.43.8, 0.7, 35.79N, 140.19E, h70km, 5km, mb4.7/5, Error ellipse: s-maj=8.6km s-min=6.9km az=110.0 NEIC Felt [11] at Tokyo. Also felt at Akishima, Chiba, Fujisawa, Mitaka, Takahawa, Yokohama and Yokosuka. Recorded [2 JMA] in Chiba, Ibaraki, Kanagawa, Tochigi, Tokyo and Yamagashi.

IDC 02:03:37.44.3, 1.6, 35.71N, 140.06E, h72km, 14km, mb3.9/23, mb1.4/026, mb1mx3.9/51, mbtmp4.2/26, MS2.9/3, Ms1.2.9/3, ms1mx2.6/36, Error ellipse: s-maj=16.9km s-min=12.4km az=76.0

JMA 02:03:37.44.1, 0.1, 35.80N, 140.11E, h64km, 1km, M4.1 Broadband fault plane solution: P waves. NP1: s3.00000, s63.00000, s89.00000, NP2: s185.00000, s27.00000, s92.00000. Principal axes: T P1g2.00000, Azm271.00000, N P1g1.00000, Azm4.00000, P P1g18.00000, Azm94.00000

JMA Felt [1] ISC 02:03:37.43.6, 0.6, 35.77N, 140.04, 12C-8D, Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Az, El, Pn, P, Time, Res. Includes stations like Nagara, Tokyo, Yasato, Hanno, Boso 4, Ashikaga, Matushiro Arr, etc.

2011 AUG

Main station list table with columns: GYA, Guiyang, CD2, Chengdu, KMI, KUMING, etc. Includes various station codes and their details.

70

Table with columns: CLL, Collm, 81.70, 330, eP, P, 03 49 55.0 +0.8. Includes entries for COLL, COLL, COLL, GERRS, etc.

MEX 02:04:08:58.8, 0.6, 14.06N, 92.43W, h12km, 999kg, MD3.7, Near coast of Chiapas

IDC 02:04:15:53.2, 10.0, 14.47S, 167.33E, h117km, 124km, mb3.3/3, mb1.3, 5.4, mb1mx3.2/40, mbtmp3.7/4, ML3.0/1, Error ellipse: s-maj=248.4km s-min=67.7km az=87.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, El, Pn, P, Time, Res. Includes stations like DZM, DZM, DZM, STKA, WRA, ASAR, etc.

NEIC 02:04:25:01.4, 37.77S, 176.23E, h206km, MG4.2(WEL), WEL 02:04:25:02.4, 0.6, 37.77S, 176.23E, h198km, 4km, ML4.2/51, 10C-28D, Error ellipse: s-maj=2.6km s-min=1.9km az=0.0, North Island

Main station list table with columns: Code, Station Name, Az, El, Pn, P, Time, Res. Includes stations like OPRZ, OPRZ, OPRZ, TARZ, TARZ, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like McNeill Hill, Carnagh Statio, Mangateitei, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Kahutara, Denniston Nort, Inz, etc.

NIED 02:04:39.00,37:70N,139:90E,h5km,Mw3.6 Best double couple: M2.49000x1014 NP1.9216.00000, 832.00000, 1.93.00000, NP2.33.00000, 858.00000, 1.88.00000, IDC 02:04:39:37.5,0.8,37:77N:139:97E,h0km,mb3.5/7, mb1 3.8/9,mb1mx3.6/62,mbtm3.6/9,ML3.6/2, Error ellipse: s-maj=26.8km s-min=17.8km az=116.0, ISCJB 02:04:39:39.4,0.7,37:65N,103:139.96E,0.04,h15km,5km, mb3.5/7, Error ellipse: s-maj=5.6km s-min=4.2km az=29.7, JMA 02:04:39:39.6,37:66N,139:93E,h9km,1km,M3.6 Broadband fault plane solution: P waves. NP1: 0.31.00000, 0.64.00000, 1.80.00000, NP2: 0.34.00000, 0.27.00000, 1.10.00000, Principal axes: T Plg69.00000, Azm281.00000; N Plg19.00000; Azm36.00000; P Plg19.00000; Azm129.00000;

JMA Felt III J1, ISC 02:04:39:38.3,1.3,37:69N,0:03:140:02E,0:04,h6km,9km, n29, c091/32, mb3.6/7, 3C-6D, Eastern Honshu

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like JFT, JFY, JFS, etc.

ISK 02:04:42:30.6, 40:24N, 27:97E, h7km, ML3.3, ATH 02:04:42:30.6, 40:26N, 28:07E, h46km, 61km, ML2.9/4, Error ellipse: s-maj=61.5km s-min=1.9km az=0.0, DDA 02:04:42:30.6, 40:23N, 27:93E, h27km, M3.6, ISCJB 02:04:42:30.7, 0.3, 40:24N, 0:02:27:95E, 0.02, h8km, 2km, Error ellipse: s-maj=2.8km s-min=2.1km az=164.1, CSEM 02:04:42:31.1, 0.1, 40:25N, 27:95E, h10km, ML3.3, Error ellipse: s-maj=2.1km s-min=1.6km az=166.0, THE 02:04:42:32.1, 40:26N, 27:98E, h14km, 2km, ML3.3/3, Error ellipse: s-maj=2.4km s-min=1.8km az=87.0, ISC 02:04:42:30.8, 0.9, 40:24N, 0:01:27:96E, 0:01, h14km, 7km, n137, c080/204, Turkey

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BNT, BND, BND, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SLVT, BUY, BUY, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like Nakatsue, Chiang Mai, Chiang Mai, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like USRK, LBZ, RPZ, RPZ, etc.

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like ZAK, ZAK, ZAK, etc.

2d 5h

Table with columns for station call letters, frequency, and other technical details. Includes stations like ZALV, ZAA1, ZAA1 SEY, etc.

2011 AUG

Table with columns for station call letters, frequency, and other technical details. Includes stations like ARU, DAMY, SVW2, OHAK, etc.

74

Table with columns for station call letters, frequency, and other technical details. Includes stations like ARCES, AKASG, AKKB, etc.

DLMT	Dillon	113.89	43	ePKP	Pdf	PKIKP	05 27 51.7 +1.3
SUMG	Summit	114.03	356	i	P	PKIKP	05 27 50.7 +0.5
SUMG	Summit	114.03	356	ePKIKP	Pdf	PKIKP	05 27 50.5 +0.3
SUMG	Summit	114.03	356	ePKIKP	Pdf	PKIKP	05 27 52.9 +1.9
BC3	Big Chickawack	114.06	56	P	P		
IRM	Iron Mountain	114.24	56	P	P	PKP	05 27 53.3 +2.1
WATA	Waldemar	114.25	319	i	PKP	PKP	05 27 50.8 -0.2
GLA	Glamis	114.66	57	P	P	PKP	05 27 53.7 +1.6
RETA	Reutte	114.73	319	i	PKP	PKP	05 27 51.4 -0.4
Y12C	Blythe	114.81	56	P	P	PKP	05 27 54.0 +1.7
FETA	Feichtner	114.90	319	i	PKP	PKP	05 27 52.1 -0.1
DUG	Dugway, Tooele	114.97	49	P	P	PKP	05 27 54.3 +1.7
DUG	Dugway, Tooele	114.97	49	ePKIKP	Pdf	PKP	05 27 53.7 +1.1
DUG	Dugway, Tooele	114.97	49	ePKIKP	Pdf	PKP	05 27 53.2 +0.9
EGMT	Eggleton	114.99	40	P	P	PKP	05 27 53.0 +0.7
EGMT	Eggleton	114.99	40	ePKP	Pdf	PKP	05 27 54.3 +1.6
PDMC1	Parker Dam,Lak	115.04	55	P	P	PKP	05 27 55.0 +1.9
W13A	Hualapai Mount	115.12	55	ePKP	Pdf	PKP	05 27 55.2 +2.2
LCMT	Little Creek M	115.29	52	ePKP	Pdf	PKP	05 27 55.6 +2.2
SZCU	Shurtz Canyon	115.30	52	ePKP	Pdf	PKP	05 27 53.2 0.0
YUON	Openpass-Fuorn	115.33	319	ePKP	Pdf	PKP	05 27 56.1 +2.8
FOFT	Old Faithful	115.34	44	ePKP	Pdf	PKP	05 27 53.3 +0.1
DAVA	Damulee	115.37	319	i	PKIKP	PKP	05 27 55.4 +1.9
YPP	Pitchstone Pla	115.41	44	ePKP	Pdf	PKP	05 27 55.3 +1.8
IMW	Indian Meadow	115.42	44	ePKP	Pdf	PKP	05 27 55.6 +1.9
TPAW	Teton Pass	115.42	44	ePKP	Pdf	PKP	05 27 56.0 +2.3
H17A	Grant Village	115.53	44	P	P	PKP	05 27 56.6 +2.9
H17A	Grant Village	115.53	44	ePKP	Pdf	PKP	05 27 56.6 +2.3
FLWY	Flagg Ranch	115.54	44	ePKP	Pdf	PKP	05 27 55.3 +1.8
HWUT	Hardware Ranch	115.57	47	ePKP	Pdf	PKP	05 27 55.3 +1.6
NLU	North Lily Min	115.58	47	ePKP	Pdf	PKP	05 27 55.3 +1.6
113A	Mohawk Valley,	115.58	57	ePKP	Pdf	PKP	05 27 55.3 +1.6
MOOW	Moose Ponds	115.60	45	ePKP	Pdf	PKP	05 27 56.2 +2.2
KNB	Kanab	115.62	52	ePKIKP	Pdf	PKP	05 27 56.2 +2.2
KNB	Kanab	115.62	52	ePKIKP	Pdf	PKP	05 27 55.4 +1.6
REDW	Red Top Meadow	115.63	45	ePKP	Pdf	PKP	05 27 55.3 +1.8
SNOW	Snow King Moun	115.73	45	ePKP	Pdf	PKP	05 27 55.1 -1.0
LOHW	Long Hollow	115.73	45	ePKP	Pdf	PKP	05 27 55.5 +1.6
GCMT	Greycliff	115.74	42	ePKP	Pdf	PKP	05 27 55.8 +1.5
TCUT	Toone Canyon	115.80	48	ePKP	Pdf	PKP	05 27 56.7 +2.3
MSU	Marysville	115.82	51	ePKIKP	Pdf	PKP	05 27 56.7 +2.3
MSU	Marysville	115.82	51	ePKIKP	Pdf	PKP	05 27 56.1 +1.5
JLU	Jordanelle	115.82	49	ePKP	Pdf	PKP	05 27 57.1 +2.3
MPU	Maple Canyon	115.90	49	ePKP	Pdf	PKP	05 27 57.1 +2.3
MTPU	Mount Pierson	115.91	51	ePKP	Pdf	PKP	05 27 54.1 -0.3
PKUC	Pink Cliffs	115.94	52	ePKP	Pdf	PKP	05 27 54.6 +0.4
TSTU	Stuettia	115.97	319	ePKP	Pdf	PKP	05 27 53.7 +0.5
BLF	Black Forest	116.01	321	ePKP	Pdf	PKP	05 27 54.8 +0.5
BFO	Black Forest	116.01	321	ePKP	Pdf	PKP	05 27 57.1 +2.0
LANG	Langenberg	116.11	322	PKP		PKP	05 27 56.5 +1.5
U15A	North Rim	116.16	53	ePKP	Pdf	PKP	05 27 56.2 +1.8
RLMT	Red Lodge	116.22	43	P	P	PKP	05 27 57.3 +1.2
RLMT	Red Lodge	116.22	43	ePKP	Pdf	PKP	05 27 57.4 +1.7
TMUT	Trail Mountain	116.38	49	ePKP	Pdf	PKP	05 27 56.8 +0.6
214A	Organ Pipe Nat	116.50	58	P	P	PKP	05 27 57.6 +1.6
MEM	Membrach	116.57	324	PKP		PKP	05 27 56.9 +0.9
B17A	Butcher Ranch,	116.70	45	ePKP	Pdf	PKP	05 27 56.5 +0.5
BW06	Boulder Array	116.70	45	ePKP	Pdf	PKP	05 27 56.7 +0.7
BW06	Boulder Array	116.70	45	ePKP	Pdf	PKP	05 27 56.6 +0.7
PDAR	Pinedale Array	116.70	45	PKP		PKP	05 28 00.4 +1.5
PDAR	Pinedale Array	116.70	45	PKP		PKP	05 27 56.2 +0.8
FFC	Film Flon	116.79	31	ePKP	Pdf	PKP	05 27 56.2 +0.8
WLF	Waldemar	116.85	323	PKP		PKP	05 27 55.8 -0.2
MOF	Molkenrain	116.93	321	PKP		PKP	05 27 56.5 +1.1
SRL	San Rafael Swe	116.94	50	ePKIKP	Pdf	PKP	05 27 57.1 +1.1
SRL	San Rafael Swe	116.94	50	ePKIKP	Pdf	PKP	05 27 56.4 +0.3
BUA	Burton	117.06	324	PKP		PKP	05 27 58.7 +1.9
WUAZ	Wupatki	117.06	54	P	P	PKP	05 27 58.4 +1.6
WUAZ	Wupatki	117.06	54	ePKP	Pdf	PKP	05 27 56.2 +0.8
X16A	Lo Mia Camp, P	117.22	55	ePKP	Pdf	PKP	05 27 58.0 0.0
LUPAT	Lomont	117.30	320	PKP		PKP	05 27 57.1 0.0
SENIN	Lac Senin/Sane	117.34	319	ePKP	Pdf	PKP	05 27 56.5 -0.1
THEF	They Montfort	117.50	321	PKP		PKP	05 27 57.6 +0.5
DOU	Dourbes	117.61	324	PKP		PKP	05 27 57.6 +0.5
SNF	Senefte	117.62	324	PKP		PKP	05 27 59.3 +1.7
LAO	Lasaa Array	117.70	40	P	P	PKP	05 27 59.1 +1.5
LAO	Lasaa Array	117.70	40	ePKP	Pdf	PKP	05 27 57.4 -0.2
VSD	Villasilto	117.97	311	ePKP	Pdf	PKP	05 27 58.4 +0.2
LUCR	Lucerna	118.14	316	PKP		PKP	05 28 00.4 +1.5
TUC	Tucson	118.14	57	P	P	PKP	05 28 00.7 +1.8
TUC	Tucson	118.14	57	ePKIKP	Pdf	PKP	05 28 00.7 +1.8
PV09	Paradox Valley	118.15	50	ePKP	Pdf	PKP	05 27 58.6 +0.6
REVR	Rever	118.31	316	PKP		PKP	05 27 58.8 -0.1
BNI	Bardonecchia	118.20	318	ePKIKP	Pdf	PKP	05 27 58.5 -0.1
BNI	Bardonecchia	118.20	318	ePKIKP	Pdf	PKP	05 28 00.7 +1.6
PV10	Paradox Valley	118.25	50	ePKP	Pdf	PKP	05 27 58.8 0.0
WMF	Mont Val	118.27	317	PKP		PKP	05 28 00.8 +1.5
PV05	Paradox Valley	118.30	317	ePKP	Pdf	PKP	05 27 59.5 +0.9
DAGM	Dagmar	118.30	38	ePKP	Pdf	PKP	05 27 59.6 +1.0
DGMT	Dagmar	118.30	38	ePKP	Pdf	PKP	05 28 00.6 +1.4
PV04	Paradox Valley	118.34	50	ePKP	Pdf	PKP	05 28 01.0 +1.8
O20A	White River Ci	118.38	48	P	P	PKP	05 28 00.4 +1.2
O20A	White River Ci	118.38	48	ePKP	Pdf	PKP	05 28 01.3 +1.8
W18A	Petrified Fore	118.46	54	P	P	PKP	05 28 01.4 +1.8
W18A	Petrified Fore	118.46	54	ePKP	Pdf	PKP	05 27 58.0 +0.1
MDO	Dochford	118.49	334	ePKP	Pdf	PKP	05 28 00.4 +0.9
HSG	Stoneypath	118.53	61	ePKP	Pdf	PKP	05 27 59.0 +0.2
ESY	Stoneypath	118.58	332	ePKP	Pdf	PKP	05 28 01.3 +1.4
PV01	Paradox Valley	118.67	50	ePKP	Pdf	PKP	05 27 58.3 -0.9
LMK	Market Rasen	118.77	329	ePKP	Pdf	PKP	05 27 59.8
LMK	Market Rasen	118.77	329	AMB		AMB	05 27 59.8
MEMF	Mencas	118.82	325	PKP		PKP	05 27 59.6 +0.2
RRR	Rubha Heidh	118.86	335	ePKP	Pdf	PKP	05 27 59.4 +0.1
KAC	Achnashellach	118.86	334	ePKP	Pdf	PKP	05 27 59.4 0.0
K22A	Casper	118.87	45	P	P	PKP	05 28 00.6 +0.6
K22A	Casper	118.87	45	ePKP	Pdf	PKP	05 28 00.8 +0.7
KEST	Kesra	118.91	307	PKP		PKP	05 28 00.9 +0.7
MVCO	Mesa Verde	118.95	51	P	P	PKP	05 28 02.5 +2.0
MVCO	Mesa Verde	118.95	51	ePKP	Pdf	PKP	05 28 02.2 +1.7
KPL	Plockton	119.11	334	ePKP	Pdf	PKP	05 27 60.0 +0.2
ELSH	Elham, Standar	119.12	326	ePKP	Pdf	PKP	05 27 59.4 -0.6
ELSH	Elham, Standar	119.12	326	AMB		AMB	05 28 00.0
C25A	Freud Ranch, W	119.18	38	P	P	PKP	05 28 02.2 +1.9
RRH	Rhenigdale	119.19	335	ePKP	Pdf	PKP	05 27 59.8 -0.1
ERSK	Eskdalemuir	119.19	332	ePKP	Pdf	PKP	05 28 00.1 +0.1
EAB	Aberfoyle	119.22	333	ePKP	Pdf	PKP	05 28 00.2 +0.1
ECK	Cauldkaime Hill	119.23	331	ePKP	Pdf	PKP	05 28 00.3 +0.2
SSB	Saint Sauveur	119.53	319	ePKIKP	Pdf	PKP	05 28 00.6 -0.5
SSB	Saint Sauveur	119.53	319	ePKIKP	Pdf	PKP	05 28 00.0 -0.5
KESW	Keswick, Cumb	119.59	331	ePKP	Pdf	PKP	05 28 01.2 +0.4
319A	Douglas	119.57	58	ePKP	Pdf	PKP	05 28 03.5 +1.9
SMCO	Snowmass	119.59	49	ePKP	Pdf	PKP	05 28 03.6 +1.7
N23A	Red Feather La	119.83	47	P	P	PKP	05 28 03.4 +1.3
N23A	Red Feather La	119.83	47	ePKP	Pdf	PKP	05 28 03.2 +1.1
PLDF	La Plantade	119.87	320	PKP		PKP	05 28 02.2 +0.5
PHWY	Pilot Hill	120.06	46	ePKP	Pdf	PKP	05 28 03.3 +0.5
RSSD	Black Hills	120.07	42	P	P	PKP	05 28 02.8 +0.4

RSSD	Black Hills	120.07	42	ePKIKP	Pdf	PKP	05 28 02.5 +0.1
RSSD	Black Hills	120.07	42	ePKIKP	Pdf	PKP	05 28 02.5 +0.1
S22A	4UR Ranch, Cre	120.10	50	P	P	PKP	05 28 04.9 +2.2
S22A	4UR Ranch, Cre	120.10	50	ePKP	Pdf	PKP	05 28 04.7 +2.0
GALO	Saint Agoulin	120.15	320	PKP		PKP	05 28 02.7 +0.5
GALI	Galloway	120.16	332	ePKP	Pdf	PKP	05 28 02.1 +0.2
H25A	Fruitdale	120.17	42	P	P	PKP	05 28 03.0 +0.6
GMK	Mull of Kintyr	120.29	333	ePKP	Pdf	PKP	05 28 02.2 +0.1
PYM	Pettit Puy Mngs	120.35	320	PKP		PKP	05 28 03.6 +0.9
ISCO	Isle of Man	120.40	319	PKP		PKP	05 28 03.2 +0.5
ISCO	Isle of Man	120.41	48	ePKIKP	Pdf	PKP	05 28 04.5 +1.3
ISCO	Isle of Man	120.41	48	ePKIKP	Pdf	PKP	05 28 04.5 +1.2
FOEL	Foel Wylla	120.54	329	ePKP	Pdf	PKP	05 28 03.2 +0.5
WIM	Isle of Man	120.56	331	ePKP	Pdf	PKP	05 28 03.1 +0.4
HLM1	Long Mynd	120.58	329	ePKP	Pdf	PKP	05 28 03.2 +0.4
HLM1	Long Mynd	120.58	329	AMB		AMB	05 28 04.5 +1.3
121A	Cookes Peak, D	120.59	56	P	P	PKP	05 28 05.3 +1.6
121A	Cookes Peak, D	120.59	56	ePKP	Pdf	PKP	05 28 05.1 +1.4
STR1	Stroud	120.60	328	ePKP	Pdf	PKP	05 28 03.9 0.0
121A	Cookes Peak, D	120.60	328	ePKP	Pdf	PKP	05 28 03.7
WPM1	Penmaenawr	120.69	330	ePKP	Pdf	PKP	05 28 03.3 +0.3
LLW	Ladron	120.70	54	ePKP	Pdf	PKP	05 28 05.7 +1.8
LLW	Llanuwchllyn	120.80	329	ePKP	Pdf	PKP	05 28 03.5 +0.3
WME	Myndd Eilian	120.81	330	ePKP	Pdf	PKP	05 28 03.6 +0.4
WLF1	Llynfaes	120.92	330	ePKP	Pdf	PKP	05 28 03.7 +0.3
MCH1	Michaelchurch	120.92	328	ePKP	Pdf	PKP	05 28 03.0 0.0
Y22D	Ross BASSALL 1	120.95	54	P	P	PKP	05 28 06.1 +1.8
HGH	Gray Hill	121.01	328	ePKP	Pdf	PKP	05 28 03.8 +0.2
SDCO	Red Sand Dun	121.11	50	P	P	PKP	05 28 06.3 +1.7
SDCO	Red Sand Dun	121.11	50	ePKP	Pdf	PKP	05 28 06.2 +1.5
ANMO	Albuquerque	121.11	53	ePKIKP	Pdf	PKP	05 28 06.4 +1.7
ANMO	Albuquerque	121.11	53	ePKIKP	Pdf	PKP	05 28 06.1 +1.5

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like FRNY, CPNT, NZBN, etc.

WEL 02 05:25:04.04.0.4,35:30Sx178.65E,h210km,9km,ML3.8/6, 1D, Error ellipse: s-maj=11.1km s-min=7.4km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MXZ, WMGZ, HAZ, etc.

NEIC 02 05:36:01.0,36:94Sx179:26W,h33km,ML4.1(WEL), After WEL

WEL 02 05:36:02.8.0.5,36:93Sx179:42W,h33km,ML4.0/16, 1C-2D, Error ellipse: s-maj=4.2km s-min=4.2km az=0.0, East of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MXZ, WMGZ, HAZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like WMGZ, PUZ, PUK, etc.

MEX 02 05:37:54.8.0.6,16:26N-98:30W,h3km,5km,MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like PNIG, TLTI, VHO, etc.

MEX 02 05:39:31.3.0.4,14:08N-91:90W,h18km,MD4.0, Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like CCIG, TGIG, TGIG, etc.

SJA 02 05:45:47.1z.2.9,30:97Sx72:44W,h26km,52km,ML3.7, MW4.0

GUC 02 05:45:49.1.0.6,30:97Sx72:16W,h34km,3km,ML3.8, ISC 02 05:45:43.8z.3.1,31:05Sx0:04:72.3W-0.1,h2km,14km,n29, r185/34,3C,Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TLL, ROC, LCO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TCA, FSA, AHML, etc.

SJA 02 06:00:13.8z.1.1,31:92Sx71:59W,h72km,19km,ML3.9, MW4.0

GUC 02 06:00:14.0z.0.5,32:04Sx71:49W,h47km,4km,ML3.8, ISC 02 06:00:11.3z.2.4,32:00Sx0:06:71.9W-0.1,h58km,55km,n25,r117/32,3C-6D,Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ROC, ROCH, ROEL, etc.

ISC 02 06:10:02.6z.0.8,11:80Sx165:18E,h0km,mb4.3/16, mb1.4.5/19,mb1mx4.3/39,mbtmp4.3/19,ML4.5/3,MS3.6/10, Ms1.3.6/10,ms1mx3.3/4,Error ellipse: s-maj=19.8km s-min=17.5km az=126.0

ISCJB 02 06:10:06.0z.0.4,11:89Sx0:06:165:10E-0.05,h33km, mb4.4/22,MS3.5/7,Error ellipse: s-maj=9.2km s-min=7.0km az=28.1

NEIC 02 06:10:06.8z.3.1,11:83Sx165:17E,h27km,23km,mb4.6/5, Error ellipse: s-maj=10.1km s-min=8.1km az=58.0

ISC 02 06:10:07.0z.0.6,11:95Sx0:07:165:15E,0.08,h35km,n43, r112/34,mb4.5/22,MS3.5/7,1C, Santa Cruz Islands

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

CTA Charters Tower 19.87 244 P 0.4nm,0.3s,baz=74,slow=1.4,SNR=14

ARMA Armidale 28.27 212 eP 25m,0.8s

URZ Urewera 28.29 160 P 4.6nm,0.8s,baz=321,slow=6.5,SNR=4.5

STKA Stephens Creek 29.39 224 LR comp=Z,207nm,18.1s,baz=22,slow=35

H1S2 WAKE ISLAND Hy 30.29 3 T 0.84,slow=76,SNR=4.0

H1S3 WAKE ISLAND Hy 30.29 3 T 0.84,slow=76,SNR=3.4

H1S1 WAKE ISLAND Hy 30.31 3 T 0.84,slow=76,SNR=3.0

WRA Warramunga Arr 30.63 251 P 4.2nm,0.7s,baz=85,slow=9.0,SNR=33

WRA WAKE ISLAND Hy 31.51 3 T 0.84,slow=76,SNR=3.0

H1N1 WAKE ISLAND Hy 31.52 3 T 0.84,slow=76,SNR=3.7

H1N2 WAKE ISLAND Hy 31.53 3 T 0.84,slow=76,SNR=3.4

ASAR Alice Springs 31.87 244 P 4.9nm,0.7s,baz=73,slow=9.4,SNR=41

ASAR Warramunga Arr 31.87 244 P 4.9nm,0.7s,baz=73,slow=9.4,SNR=41

RPZ Rata Peaks 32.05 172 LR comp=Z,44nm,20.8s,baz=76,slow=35

GUMO Guam 32.38 326 LR comp=Z,196nm,19.6s,baz=346,slow=34

FITZ Fitzroy Cross 38.59 256 P 7.4nm,0.7s,baz=74,slow=7.0,SNR=22

PPT Papeete 44.05 103 LR comp=Z,58nm,19.2s,baz=269,slow=37

MJU Matsushiro Arr 55.13 333 P 2.8nm,0.8s,baz=166,slow=8.9,SNR=9.5

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

ISK 02 10:54:51.6, 39.73N, 30.83E, h5km, MD2.7
DDA 02 10:54:52.6, 39.72N, 30.78E, h7km, MD2.3
CSEM 02 10:54:52.5, 0.1, 39.72N, 30.77E, h2km, MD2.7, Error
ellipse: s-maj=3.6km s-min=2.9km az=69.0

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

NIED 02 11:02:00, 24.00N, 122.70E, h32km, Mw3.8 Best double
couple: M=5.85000x10^14 NP1=262.00000, 23.00000,
1.97.00000, NP2=75.00000, 867.00000, 1.87.00000

ISC 02 11:02:08.4, 1.3, 23.89N, 122.18E, h0km, mb3.6/4,
mb1 3.8/5, mb1mx3.5/44, mbtmpp3.7/5, ML3.9/1, M2.5/5,
Ms1 3.5/5, ms1mx2.9/44, Error ellipse: s-maj=72.5km
s-min=21.4km az=69.0

ISCJB 02 11:02:11.5, 0.4, 23.93N, 0.02, 122.70E, 0.01, h23km, 4km,
mb3.5/4, MS3.6/4, Error ellipse: s-maj=3.5km s-min=2.1km
az=167.4

JMA 02 11:02:12.2, 0.1, 24.00N, 122.65E, h31km, 4km, M3.5
TAP 02 11:02:13.1, 23.98N, 122.61E, h41km, ML3.9, C

ISC 02 11:02:11.1, 1.1, 23.95N, 0.03, 122.65E, 0.02, h17km, 8km,
n78, c0593/122, mb3.6/4, MS3.6/4, 6D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JYNG, YOJ, HWA, ENA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TAP1, TAP2, TAP3, TAP4, etc.

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

IDC 02 11:24:50.5, 1.8, 1.53S, 139.13E, h0km, mb3.5/2,
mb1 3.8/3, mb1mx3.4/36, mbtmpp3.6/3, ML4.0/1, Error
ellipse: s-maj=35.4km s-min=15.9km az=29.0

ISCJB 02 11:24:54.1, 1.3, 1.65S, 0.2, 139.0E, 0.1, h33km, mb3.6/2,
Error ellipse: s-maj=23.5km s-min=16.8km az=23.2

ISC 02 11:24:55.8, 1.5, 1.65S, 0.2, 139.0E, 0.2, h35km, n12,
c0521/6, Near north coast of Irian Jaya

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

MEX 02 11:29:57.0, 27.40N, 111.27W, h10km, MD3.9, Gulf of
California

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

IDC 02 11:46:18.2, 2.2, 19.78S, 176.60W, h262km, 22km,
mb3.5/7, mb1 3.7/10, mb1mx3.4/41, mbtmpp4.2/10, Error
ellipse: s-maj=19.8km s-min=12.3km az=115.0, Fiji
Islands region

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

NEIC 02 11:54:06.2, 19.33N, 155.12W, h8km, MD3.5(HVO), After
HVO, Hawaiian Islands

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

NSSC 02 11:05:53.6, 1.2, 34.00N, 35.70E, h0km, 6km, ML1.9
CSEM 02 11:05:59.0, 3.3, 33.94N, 35.78E, h10km, ML2.8, Error
ellipse: s-maj=7.6km s-min=5.7km az=121.0
ISCJB 02 11:05:56.3, 0.7, 33.93N, 0.03, 35.79E, 0.05, h8km, 8km,
Error ellipse: s-maj=7.8km s-min=4.8km az=26.2
GRAL 02 11:05:57.1, 0.3, 33.91N, 35.82E, h4km, 13km, MD2.8
ISC 02 11:05:56.6, 1.1, 33.92N, 0.03, 35.85E, 0.03, h3km, 14km,

2d 13h

ISCJB 02 11:57:09.8:0.4,36.40N:0.03:112.01E:0.04,h10km, mb3.8/10,MS2.9/1, Error ellipse: s-maj=5.7km s-min=4.1km az=35.5

IDC 02 11:57:10.6:0.8,36.53N:112.12E,h0km,mb3.7/9, mb1.3/2.2,ms1mx2.5/47, Error ellipse: s-maj=26.1km s-min=16.7km az=66.0

BUI 02 11:57:13.6,36.51N:112.04E,h19km,mb4.2/3,mb4.2/1, ML4.1/25

ISC 02 11:57:13.0:0.5,36.50N:0.04:112.00E:0.04,h10km,n26, c298/43,mb3.8/10,Southeastern China

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various stations like Taiyuan, Xi'an, Beijing, Lanzhou, Chengdu, etc.

ISC 02 12:11:24.2,39.13N:36.10E,h2km,ML2.5 CSEM 02 12:11:25.0:1.3,39.15N:36.13E,h2km,MD2.7, Error ellipse: s-maj=3.1km s-min=5.7km az=18.0

DDA 02 12:11:27.1,39.45N:36.27E,h2km,MD2.7 ISC 02 12:11:25.7:1.3,39.13N:0.03:36.15E:0.02,h4km,n12km, n23,c1514/32,Turkey

KRSC 02 12:13:42.8:1.1,52.95N:160.41E,h40km,8km,ML4.2 ISCJB 02 12:13:44.7:0.6,52.94N:0.04:160.34E:0.05, h34km,10km, Error ellipse: s-maj=7.6km s-min=3.5km az=141.7

MOS 02 12:13:44.3:0.6,52.89N:160.37E,h33km,mb4.3/1, Error ellipse: s-maj=10.0km s-min=4.3km az=92.2

2011 AUG

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Mys Shipunski, Nalytchevo, Sedlovina, Ugllovaya, Somma, etc.

ISC 02 12:24:08.5,36.36N:33.52E,h2km,MD2.4 ISCJB 02 12:24:09.0:0.9,36.33N:0.08:33.54E:0.05,h7km,13km, Error ellipse: s-maj=13.7km s-min=5.6km az=12.8

CSEM 02 12:24:09.0:0.3,36.35N:33.55E,h5km,MD2.5, Error ellipse: s-maj=6.5km s-min=5.6km az=27.0

DDA 02 12:24:09.4,36.31N:33.57E,h7km,MD2.5 ISC 02 12:24:09.5:1.1,36.38N:0.04:33.55E:0.03,h4km,n13km, n16,c0950/24,Turkey

BUC 02 12:24:13.1:0.8,45.23N:25.17E,h3km,8km,MD2.2, 4C-4D, Error ellipse: s-maj=7.0km s-min=5.0km az=118.0,Romania

86

Table with columns: MTUR, MTAU, VOIR, ARGES, etc. Lists stations like Matau, Arges, Muntele Rosu, etc.

ISCJB 02 12:47:50.4:0.6,39.83N:0.03:33.75E:0.05,h1km,8km, Error ellipse: s-maj=6.3km s-min=5.4km az=18.8

CSEM 02 12:47:50.8:0.3,39.82N:33.74E,h5km,MD2.5, Error ellipse: s-maj=7.8km s-min=7.0km az=110.0

ISC 02 12:47:50.0,39.82N:33.74E,h1km,MD2.5 DDA 02 12:47:51.7,39.87N:33.66E,h7km,MD2.6

ISC 02 12:47:50.6:1.0,39.82N:0.03:33.74E:0.03,h12km,n11km, n24,c0511/34,Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Kaman, Cicekdag, Bala, etc.

IDC 02 12:49:26.4:6.9,19.19S:175.48W,h0km,mb3.3/2, mb1.3/6.2,mb1mx3.4/23,mbtmp3.3/2, Error ellipse: s-maj=342.8km s-min=104.1km az=154.0,Tonga

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Alice Springs, Warramunga Arr, etc.

ISCJB 02 13:13:19.8:0.7,56.53N:0.05:17.60E:0.09,h0km, Error ellipse: s-maj=8.2km s-min=4.7km az=44.1

CSEM 02 13:13:21.3:0.3,56.50N:17.41E,h2km,ML2.5, Error ellipse: s-maj=9.6km s-min=4.8km az=136.0,Mining explosion.

UPP 02 13:13:21.9:0.4,56.54N:17.38E,h0km,ML2.5,Explosion HEL 02 13:13:22.1:0.2,56.52N:17.45E,h0km,ML1.9, ML2.5(UPP),Explosion

ISC 02 13:13:20.2:0.5,56.48N:0.04:17.46E:0.04,h0km,n9, c172/52,Baltic Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Byxelkrok, Blekinge, Västervik, etc.

CSEM 02 13:17:39.4,38.51N:29.93W,h10km,ML2.7 PDA 02 13:17:39.4:0.8,38.51N:29.93W,h10km,MD3.5,ML2.7, 2D, Error ellipse: s-maj=20.0km s-min=7.9km az=176.0, Azores Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Metsahovi, Pernaja, etc.

ISC 02 12:13:45.9:1.1,52.97N:160.41E,h40km,8km,ML4.2

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DUS Dusheti, GNBGR Gunib, AKT Akhty, etc.

CSEM 02 15:05:05.1±0.5, 51.53N, 16.09E, h1km, ML2.8/7, Error ellipse: s-maj=7.2km s-min=3.9km az=14.0

WAR 02 15:05:06.3, 51.53N, 16.08E, h1km, Mw2.1 PRU 02 15:05:06.8, 51.48N, 16.11E, h0km, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KSP Ksiaz, UPIC Upice, DPC Dobruska-Polom, etc.

CSEM 02 15:14:49.6, 38.55N, 29.92W, h10km, ML4.2 PDA 02 15:14:49.6, 1.2, 38.55N, 29.92W, h10km, MD4.0, ML4.2, 6C-2D, Error ellipse: s-maj=6.6km s-min=5.9km az=22.0, Az-Zeros Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CALA Caldeira, KHC Kasperske Hory, PCAN Candalaria, etc.

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

ICD 02 15:21:49.6, 1.6, 7.07S, 129.07E, h0km, mb3.9/2, mb1 4.2/4, mb1mx3.7/24, mbtmp4.1/4, ML4.4/2, MS3.7/1, Ms1 3.7/1, ms1mx2.7/24, Error ellipse: s-maj=105.4km s-min=25.7km az=85.0, Banda Se

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

NIED 02 15:34:00, 39.40N, 144.10E, h11km, Mw3.9 Best double couple: M7.71000x1014, NP1.8177.00000, B39.00000, 7.65.00000, NP2.202.00000, B55.00000, L3.08.00000, JMA 02 15:34:46.0, 0.7, 39.36N, 144.12E, h0km, M4.3, ISCJB 02 15:34:48.9, 0.7, 39.36N, 144.144, 0.0E, 0.0E, h11km, s-mbj=6.10, MS3.5/1, Error ellipse: s-maj=9.4km s-min=5.8km az=11.7

ICD 02 15:34:49.2, 0.9, 39.41N, 144.04E, h0km, mb3.7/10, mb1 3.8/16, mb1mx3.6/66, mbtmp3.8/16, ML3.0/6, MS3.1/2, Ms1 3.1/2, ms1mx2.5/38, Error ellipse: s-maj=22.6km s-min=16.6km az=100.0

ISC 02 15:34:50.4, 0.9, 39.33N, 144.04E, 0.10, h1km, n30, r1566/33, mb3.8/10, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MIYJ Miyakonagasawa, OFJU Onohata, JOM Ohassama, etc.

ICD 02 15:39:26.4, 0.1, 34.12N, 26.51E, h0km, mb3.8/12, mb1 3.9/18, mb1mx3.8/50, mbtmp3.8/18, ML3.9/6, MS2.2/1, Ms1 2.2/1, ms1mx1.9/41, Error ellipse: s-maj=21.9km s-min=13.3km az=15.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ZKR Zakros, KARP Karpathos, SIVA Sivas, etc.

Table with columns: YTIR, Yattir, 7.62 108 Pn Pn, 15 41 20.3 +1.9, etc. Includes stations like Yattir, HMDT, KSHDT, etc.

CSEM 02 15:39:43.9.0.3, 38.10N:27.11E, h15km, MD2.5, Error ellipse: s-maj=6.4km s-min=4.9km az=32.0

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

ISC/JB 02 15:42:05.6.0.5, 17.29N:01.06:94.93W, 0.03, h135km, 6km, mb4.0/1, Error ellipse: s-maj=9.2km s-min=5.1km az=172.8

NEIC 02 15:42:08.6.1, 17.36N:94.91W, h130km, mb4.0/7, MD4.3(MEX), After MEX.

MEX 02 15:42:08.6.0.7, 17.36N:94.91W, h130km, 11km, MD4.3

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

Table with columns: TPIG, Pinotepa, 3.21 254 eS S, 15 43 19.7 -0.5, etc. Includes stations like Pinotepa, Tlapa, Sabancuy, etc.

ISC/JB 02 15:47:54.3.0.3, 58.90N:01.154:76W, 0.06, h144km, 4km, mb3.3/3, Error ellipse: s-maj=6.1km s-min=3.6km az=44.1

NEIC 02 15:47:56.5, 58.86N:154.73W, h137km, MG3.0(AEIC), After AEIC.

IDC 02 15:48:03.8.5, 59.36N:153.47W, h229km, 79km, mb2.9/3, s-maj 3.1/5, mb1mx2.8/52, mbtmp3.6/5, Error ellipse: s-maj=82.5km s-min=24.5km az=31.0

ISC 02 15:47:54.4.1.6, 58.87N:01.154:79W, 0.07, h145km, 10km, n81, c0887/66, mb3.4/3, Alaska Peninsula

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

ISC/JB 02 15:42:05.6.0.5, 17.29N:01.06:94.93W, 0.03, h135km, 6km, mb4.0/1, Error ellipse: s-maj=9.2km s-min=5.1km az=172.8

NEIC 02 15:42:08.6.1, 17.36N:94.91W, h130km, mb4.0/7, MD4.3(MEX), After MEX.

MEX 02 15:42:08.6.0.7, 17.36N:94.91W, h130km, 11km, MD4.3

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

Table with columns: PNIG, Pinotepa, 0.37 110 iP P, 12 02 59.6 -0.9, etc. Includes stations like TLIG, MEIG, VHO, etc.

ISC/JB 02 16:22:29.8.0.7, 50.27N:01.05:18.73E, 0.03, h0km, Error ellipse: s-maj=7.5km s-min=3.1km az=3.7

IPEC 02 16:22:30.5.0.2, 50.30N:18.80E, h1km, 2km, ML1.6/3, Error ellipse: s-maj=2.5km s-min=1.1km az=168.0

CSEM 02 16:22:30.5.0.3, 50.30N:18.74E, h1km, 2km, ML2.5/4, Error ellipse: s-maj=6.4km s-min=2.5km az=3.0

PRU 02 16:22:31.3, 50.29N:18.76E, h0km, ISC 02 16:22:30.2.0.9, 50.31N:01.05:18.76E, 0.02, h0km, n19, c063/33, Poland

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

CSEM 02 16:36:30.5.0.2, 38.94N:40.64E, h2km, MD2.7, Error ellipse: s-maj=7.1km s-min=4.4km az=110.0

ISK 02 16:36:30.0, 38.95N:40.59E, h2km, MD2.7

DDA 02 16:36:30.3, 38.91N:40.65E, h4km, MD2.7

ISC 02 16:36:31.0.1, 2, 38.92N:01.03:40.64E, 0.03, h0km, 13km, n16, c0679/25, Turkey

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

NIED 02 16:44:00, 38.70N:142.50E, h32km, Mw3.7, Best double couple: M4.33000x10^14, NP1.0:37.00000, delta.24.00000, 2.94.00000, NP2.0:213.00000, delta.66.00000, 1.88.00000

JMA 02 16:44:23.8.0.1, 38.74N:142.46E, h43km, 2km, M4.0

NEIC 02 16:44:24.8.1.0, 38.74N:142.59E, h51km, 9km, mb4.3/2, Error ellipse: s-maj=14.0km s-min=7.3km az=116.0

NEIC Recorded (1 JMA) in Iwate and Miyagi.

IDC 02 16:44:25.1.2.3, 38.71N:142.49E, h54km, 20km, mb3.6/13, mb1.3/7.19, mb1mx3.6/44, mbtmp3.9/19, ML3.8/4, MS3.1/6, Ms1.3/1.6, ms1mx2.7/36, Error ellipse: s-maj=21.7km s-min=13.9km az=91.0

ISC 02 16:44:19.5.2.6, 38.71N:01.05:142.64E, 0.07, h10km, 14km, n45, c1976/46, mb3.9/15, MS3.4/3, Near east coast of eastern Honshu

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GERES, KHC, BRG, ARCES, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WRR1, WRAB, ASAR, and various Southwestern Ryukyu Islands stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like XNQ, IML, URKAR, KSMR, and various Kurudimir stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like VLY Voula, Athens, PRK Paraskevi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CHOU Chosi, JCN Nagara, KTR Katsura, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like MAT Hachiojima 2, JHJ Hachiojima 2, JHJ WAKE ISLAND Hy 27.94 118 T, etc.

NIED 02 18:40:0.0, 38.40N, 142.10E, h35km, Mw3.6 Best double couple: M3.04000, 1014 NP1.299, 00000, 836.00000, 134.00000, NP2.169, 00000, 865.00000, 64.00000.

JMA 02 18:40:10.8, 0.1, 38.37N, 142.09E, h37km, 2km, M3.7, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like JIO Ouri, OFU Ofunato, OFU Ichinoseki, etc.

MAN 02 18:47:10, 7.04N, 123.77E, h27km, mb4.8, ML3.7, MS3.7, 1C-2D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CTBH Cotabato-PC H, KCB Kidapawan, CGP Kadayawan de Oro, etc.

ISC 02 19:16:37.4, 5.2, 32.19S, 179.95W, h309km, 44km, mb3.6/5, mb1.3, 7.76, mb1mx3.341, mb1mx4.3, 6, Error ellipse: s-maj=50.4km s-min=5.2km

ISCJB 02 19:16:41.7, 1.1, 32.15S, 0.06, 179.1E, 0.2, h300km, mb3.8/5, Error ellipse: s-maj=20.1km s-min=7.6km az=171.6

ISC 02 19:16:41.6, 1.5, 32.17S, 0.09, 179.2E, 0.2, h300km, n25, c256/33, mb3.8/5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like MXZ Matakaoa Point, MXZ Matakaoa Point, WMGZ Waionatani S, etc.

ISCJB 02 19:18:46.2, 0.4, 24.01S, 0.02, 179.02E, 0.2, h527km, 5km, mb5.4/332, Error ellipse: s-maj=3.5km s-min=2.8km az=154.0

NEIC 02 19:18:46.8, 0.1, 23.98S, 179.01E, mb5.4/242, MW5.8, MW5.7, Error ellipse: s-maj=3.8km s-min=2.8km az=138.0, Moment Tensor Solution: s23 Moment tensor: Scale 1017Nm; Mw=6.59; Mw0.84; Mw1.07; Mw1.199; Mw0.07. Best double couple: M0.60000, 1017 NP1.13, 00000, 84.00000, 1.95, 00000, NP2.286, 00000, 849.00000, 1.95, 00000, Principal axes: T 6.5300, P1g4.0000, Azm19.0000, N 0.1600, P1g4.0000, Azm289.0000; P -6.6900, P1g84.0000, Azm160.0000;

GCMT 02 19:18:46.8, 0.1, 23.96S, 179.16E, h546km, MW5.7/133, Moment Tensor Solution: s133, c253, s76, c79; Duration: 1s8 Moment tensor: Scale 1017Nm; Mw=4.72, 05; Mw0.327, 09; Mw1.45, 09; Mw1.16, 09; Mw2.49, 08; Mw0.18, 08; Best double couple: Mw5.0070, 1017 NP1.299, 00000, 851.00000, 1.80, 00000, NP2.286, 00000, 849.00000, 1.95, 00000, Principal axes: T 5.250, P1g6.0000, Azm34.0000; N -0.2340, P1g6.0000, Azm304.0000; P -4.8900, P1g1.0000, Azm169.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to mantle waves, cutoff=125s.

MOS 02 19:18:46.4, 0.8, 23.89S, 179.02E, h526km, mb5.5/69, Error ellipse: s-maj=7.8km s-min=6.7km az=87.9

BUI 02 19:18:47.1, 23.56S, 179.24E, h531km, mb5.3/70, mb5.3/57

ISC 02 19:18:47.4, 0.3, 23.94S, 179.05E, h528km, 2km, mb4.9/38, mb1.4, 9/40, mb1mx4.8/43, mbtmp5.7/40, Error ellipse: s-maj=7.1km s-min=6.0km az=55.0

NEIC 02 19:18:49.0, 0.0, 23.94S, 179.06E, h550km, Moment Tensor Solution: s28 Moment tensor: Scale 1017Nm; Mw=4.14; Mw0.25; Mw0.15; Mw0.19; Mw0.038; Best double couple: M0.43000, 1017 NP1.301, 00000, 852.00000, 1.94, 00000, NP2.129, 00000, 838.00000, 1.83, 00000, Principal axes: T 4.2300, P1g7.0000, Azm34.0000; N 0.0700, P1g3.0000, Azm304.0000; P 0.0000, P1g1.0000, Azm187.0000

ISC 02 19:18:47.3, 0.2, 23.95S, 0.03, 179.13E, 0.03, h535km, 1km, h536km, pp-P, 1561, c155, 2168, mb5.4/331, 54C-106D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like RAO Raoul Island, RAO 302nm, 0.3s, baz=23, slow=5.6, SNR=4.7, MSVF Nonnavu, MSVF Nonnavu, MSVF Nonfok Island, NIUE Niue, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

M04C	Macdoel	85.17	40	P	P	19 30 28.6 +1.3
TUQ	Turquoise Moun	85.22	48	P	P	19 30 28.7 +1.1
SHOC	Shoshone, Teco	85.24	47	P	P	19 30 28.6 +1.1
Y12C	Blythe	85.26	50	P	P	19 30 29.4 +1.7
Y12C	Blythe	85.26	50	eP	P	19 30 28.9 +1.3
Y12C	Mohawk Valley,	85.27	51	eP	pP	19 32 27.2 +3.0
113A	890nm, 1.2s					19 30 29.9 +2.2
HSIG	comp=Z,111nm,1.0s	85.39	56	eP	P	19 32 27.0 +2.7
PAHR	Pah Rah Range	85.41	43	eP	P	19 30 29.8 +1.4
PAHR						19 32 27.6 +2.5
103D	Drain, OR	85.50	38	eP	pP	19 30 30.2 +1.6
VNA1	Neumayer-Stat	85.52	178	P	P	19 30 28.4 +0.1
214A	Organ Pipe Nat	85.53	52	P	P	19 30 30.8 +1.8
LDFC	Landfair	85.58	49	eP	P	19 30 31.0 +1.7
LDFC	comp=Z,140nm,0.9s					19 32 26.7 +0.7
P04D	Chiloquin, OR	85.74	39	P	P	19 30 31.0 +1.1
KHET	Kaoni Krachan	85.82	286	P	P	19 30 33.2 +2.5
ENH	Enshi	85.82	306	eP	P	19 30 31.5 +1.0
ENH	comp=Z,139nm,1.1s					19 32 25.6 -1.7
ENH						19 30 19.6 +0.5
PDMCI	Parker Dam,Lak	85.83	50	P	P	19 30 31.9 +1.6
TPNV	Topopah Spring	85.84	47	P	P	19 30 31.8 +1.2
TPNV	comp=Z,236,SNR=43					19 30 32.1 +1.5
TPNV	Topopah Spring	85.84	47	eP	pP	19 32 28.7 +1.3
TPNV	comp=Z,40nm,0.8s					19 30 32.0 +1.5
TPNV	Topopah Spring	85.84	47	eP	P	19 30 32.0 +1.2
J04D	Umpqua Nationa	85.92	39	P	pP	19 32 28.7 +1.3
J04D	comp=Z,40nm,0.8s					19 30 32.0 +1.2
COR	Corvallis	86.09	37	eP	P	19 30 33.4 +2.1
COR	comp=Z,190nm,1.8s					19 30 33.4 +2.1
COR	Corvallis	86.09	37	eP	P	19 30 32.4 +0.4
COR	comp=Z,189nm,1.8s					19 32 31.0 +2.2
GYA	Guliyang	86.09	301	iP	pP	19 33 24.2 +1.1
GYA						19 34 05.0 +2.5
GYA						19 40 06.0 -1.2
GYA						19 40 22.4 +0.4
GYA	comp=Z,30nm,0.9s					19 30 32.5 +1.0
GYA	comp=Z,260nm,6.2s					19 30 32.5 +1.0
104A	Tendick Farm,	86.09	38	P	P	19 30 32.5 +1.0
104A	baz=231,SNR=15					19 30 33.8 +1.8
MOD	Modoc Plateau	86.16	41	eP	P	19 32 30.7 +1.8
MOD	comp=Z,62nm,1.0s					19 30 34.3 +1.6
MOD	Sadao Pong	86.24	290	P	P	19 32 31.8 +2.1
PBKT	comp=Z,133nm,1.1s,comp=Z,1um					19 30 34.9 +2.0
K05A	Summer Lake	86.31	40	eP	P	19 30 33.8 +0.8
K05A	comp=Z,128nm,1.1s					19 32 31.8 +2.1
K05A	Sheep Range	86.32	47	eP	pP	19 30 34.9 +2.0
SHPR	SHPR	86.43	49	eP	pP	19 32 32.7 +2.8
SHPR						19 30 34.9 +1.4
W13A	Hualapai Mount	86.43	49	eP	pP	19 32 33.0 +2.5
W13A	comp=Z,28nm,0.8s					19 30 33.0 +0.4
MA2	Magadan	86.43	346	P	P	19 30 32.2 -0.4
MA2	comp=Z,95nm,0.9s, baz=147,slow=5.8,SNR=24					19 30 35.0 +1.7
J05D	Magadan	86.43	346	iP	P	19 30 34.9 +1.6
J05D	Fort Rock, OR	86.45	39	P	P	19 30 34.9 +1.6
J05D	baz=232,SNR=9.0					19 32 34.2 +0.7
G03D	McMinville, O	86.51	37	P	P	19 32 28.2 -2.3
G03D	baz=231,SNR=5.6					19 30 34.2 +0.7
BJT	Baijiatuu	86.51	317	eP	pP	19 32 28.2 -2.3
BJT						19 30 34.2 +0.7
BJT	comp=Z,96nm,1.2s					19 32 28.2 -2.3
BJT	Baijiatuu	86.51	317	eP	pP	19 30 34.8 +1.3
BJT	comp=Z,96nm,1.2s					19 32 29.1 -1.5
BJI	Beijing	86.52	317	eP	pP	19 30 34.8 +1.3
BJI						19 32 29.1 -1.5
BJI						19 46 25.2 +2.8
BJI	comp=Z,79nm,1.0s					19 30 33.9 +0.1
BJI						19 32 34.2 +3.3
CNPM	China Foot	86.67	15	eP	P	19 30 38.1 +2.4
CNPM	comp=Z,900nm,4.4s					19 30 35.6 +0.4
SRDT	SRDT	86.68	287	P	P	19 30 37.5 +1.6
SRDT	comp=Z,84nm,0.8s					19 30 37.1 +0.8
BRLK	Bradley Lake	86.97	15	eP	P	19 30 36.5 +0.2
BRLK	comp=Z,434nm,1.4s					19 32 34.6 +1.0
PHIT	Phitsanulok	86.99	290	P	P	19 30 37.8 +1.0
PHIT	comp=Z,98nm,0.8s,comp=Z,878nm					19 32 34.6 +1.0
105D	Torrebonne, OR	87.03	38	P	P	19 30 37.8 +1.0
105D	baz=232,SNR=24					19 32 34.6 +1.0
R11A	Troy Canyon, C	87.06	46	eP	P	19 30 37.8 +1.0
R11A	baz=236,SNR=14					19 30 37.8 +1.0
R11A	Troy Canyon, C	87.06	46	eP	P	19 30 37.8 +1.0
R11A	comp=Z,15nm,1.2s					19 30 37.8 +1.0
R11A	Utтарadit	87.11	291	P	P	19 30 37.8 +1.0
UTTA	comp=Z,18nm,1.0s,comp=Z,178nm					19 32 34.6 +1.0
BMN	Battle Mountai	87.18	43	eP	pP	19 30 37.8 +1.0
BMN	comp=Z,71nm,1.0s					19 32 34.6 +1.0
BMN	Battle Mountai	87.18	43	eP	pP	19 30 37.8 +1.0
BMN	comp=Z,71nm,1.0s					19 32 34.6 +0.5
BMN	Battle Mountai	87.18	43	eP	pP	19 30 37.8 +1.0
BMN	comp=Z,71nm,1.0s					19 32 34.6 +0.5
RSO	Redoubt South	87.18	14	eP	pP	19 30 36.3 -0.1
RSO						19 32 32.4 -1.3
TUC	Tucson	87.18	53	P	P	19 30 38.9 +1.9
TUC	baz=239					19 30 39.1 +2.2
TUC	Tucson	87.18	53	eP	pP	19 30 39.1 +2.2
TUC	comp=Z,86nm,1.0s					19 30 39.1 +2.2
TUC	Tucson	87.18	53	eP	pP	19 30 39.1 +2.2
TUC	comp=Z,86nm,1.0s					19 32 36.1 +1.9
TUC	Tucson	87.18	53	eP	pP	19 32 36.1 +1.9
TUC	comp=Z,86nm,1.0s					19 32 36.1 +1.9
SVW2	Sparrevohn	87.19	12	eP	pP	19 32 36.1 +1.9
SVW2	comp=Z,96nm,1.0s					19 30 35.9 -0.3
E03A	Lebam	87.19	36	eP	P	19 30 38.2 +1.7
E03A	comp=Z,120nm,1.1s					19 32 34.8 +1.1
F04D	Rainier, OR	87.19	36	P	P	19 30 38.4 +1.8
F04D	baz=231					19 30 38.8 +1.3
F04A	Amboy	87.42	37	eP	P	19 30 38.8 +1.3
F04A	comp=Z,69nm,1.2s					19 30 39.3 +1.2
WVOR	Wild Horse Val	87.47	41	eP	pP	19 32 37.1 +1.6
WVOR	comp=Z,100nm,1.1s					19 30 39.7 +1.5
WVOR	Wild Horse Val	87.47	41	eP	pP	19 30 39.3 +1.4
WVOR	comp=Z,104nm,1.1s					19 32 37.3 +2.0
WVOR	Lakeview Peak	87.51	36	eP	pP	19 30 40.2 +1.9
LVP	Lakeview Peak	87.54	27	eP	pP	19 32 38.1 +2.3
DIB	Dawson Inlet,	87.54	27	eP	pP	19 30 39.9 +1.4
DIB	comp=Z,98nm,1.0s					19 32 37.3 +2.0
NLWA	Neilton Lookou	87.57	35	eP	pP	19 30 40.2 +1.9
NLWA	comp=Z,89nm,1.2s					19 32 38.1 +2.3
G05D	Wamic, OR	87.60	38	P	P	19 30 39.9 +1.4
G05D	baz=232,SNR=8.7					19 30 40.5 +1.8
FL2	Flat Top 2	87.62	36	eP	P	19 30 40.9 +2.0
TIV	Taiyuan	87.64	313	eP	pP	19 32 34.1 +1.8
TIV						19 40 15.9 0.0

TIV						19 40 42.0 +1.7
TIV						19 30 41.3 +2.3
TIV						19 30 41.3 +2.3
TIV						19 30 41.1 +2.1
TIV						19 30 41.5 +1.7
X16A	Sukthoai	87.79	290	eP	pP	19 32 39.7 +2.3
X16A	comp=Z,32nm,0.8s,comp=Z,259nm					19 30 42.0 +2.1
SUKH	Sukthoai	87.79	290	eP	pP	19 30 42.1 +2.1
SUKH	comp=Z,136nm,0.9s					19 32 40.3 +2.8
319A	Douglas	87.82	54	eP	P	19 30 41.6 +1.4
319A	comp=Z,50nm,1.1s					19 32 40.0 +2.3
LCMT	Little Creek M	87.89	48	eP	pP	19 30 42.7 +2.1
LCMT	comp=Z,50nm,1.1s					19 32 40.2 +2.3
UMPA	Umpang Tak	87.90	289	P	pP	19 30 42.7 +2.1
UMPA	comp=Z,25nm,1.0s,comp=Z,227nm					19 30 41.3 +1.0
G06A	Carlson Farm,	87.98	38	eP	P	19 32 36.7 +0.8
G06A	comp=Z,70nm,1.0s					19 32 36.4 +0.6
G06A	Mount Spurr	87.98	14	eP	pP	19 32 36.4 -1.1
G06A	comp=Z,51nm,1.1s					19 30 42.5 +1.2
CCUT	Cedar City	88.10	47	eP	P	19 32 40.3 +1.4
CCUT	comp=Z,51nm,1.1s					19 30 42.0 +0.6
CCUT	Xi'an	88.15	309	eP	pP	19 32 36.9 -2.1
CCUT						19 34 23.6 +5.0
CCUT						19 40 16.2 -2.8
CCUT						19 40 43.0 -1.7
XAN	comp=Z,140nm,1.1s					19 30 43.5 +1.9
XAN	comp=Z,330nm,3.2s					19 32 39.9 +0.7
KNB	Kanab	88.18	48	eP	pP	19 30 43.5 +1.9
KNB	comp=Z,93nm,1.2s					19 32 39.9 +0.7
KNB	Kanab	88.18	48	eP	pP	19 30 43.5 +1.9
KNB	comp=Z,93nm,1.2s					19 32 39.9 +0.7
KNB	North Rim	88.23	49	eP	pP	19 30 43.5 +1.4
KNB	comp=Z,82nm,0.9s					19 32 42.1 +2.5
U15A	Lampang	88.24	291	eP	pP	19 30 44.5 +2.4
U15A	comp=Z,35nm,0.9s					19 30 41.7 +0.1
LON	Longmire	88.26	36	eP	P	19 32 40.2 +1.0
LON	comp=Z,31nm,0.9s					19 32 40.2 +1.0
LON	Longmire	88.26	36	eP	P	19 30 41.7 +0.1
LON	comp=Z,31nm,0.9s					19 32 40.2 +1.0
LON	Shurtz Canyon	88.31	47	eP	pP	19 32 40.2 +1.0
LON	comp=Z,79nm,1.3s					19 32 42.2 +2.3
SZCU	Wupatki	88.40	50	eP	pP	19 30 43.2 +1.3
SZCU	baz=239					19 30 44.1 +1.4
WUAZ	Wupatki	88.40	50	eP	P	19 30 41.6 -0.2
WUAZ	comp=Z,67nm,1.2s					19 32 42.9 +3.3
RC01	Rabbit Creek A	88.41	15	eP	P	19 30 44.6 +2.3
RC01	comp=Z,130nm,1.0s					19 32 41.3 +1.3
RC01	Enumclaw	88.44	36	eP	pP	19 30 44.1 +0.9
RC01	comp=Z,285nm,1.1s					19 30 43.0 +0.6
D05A	Susitna One	88.52	14	eP	P	19 30 45.3 +1.5
D05A	comp=Z,73nm,0.8s					19 32 44.7 +3.2
HPIG	Kunming	88.58	298	P	pP	19 33 38.7 +3.1
HPIG	comp=Z,67nm,1.2s					19 34 25.4 +3.1
SUA	Susitna One	88.52	14	eP	P	19 40 43.3 -2.2
SUA	comp=Z,98nm,0.9s					19 44 16.6 +1.2
KMI	Kunming	88.58	298	P	pP	19 46 56.0 +2.9
KMI	comp=Z,73nm,0.8s					19 30 44.1 +1.2
KMI	Susitna One	88.52	14	eP	P	19 32 41.4 +0.7
KMI	comp=Z,98nm,0.9s					19 32 44.7 +1.4
KMI	Kunming	88.58	298	P	pP	19 32 44.7 +1.4
KMI	comp=Z,73nm,0.8s					19 32 44.7 +1.4
KMI	Susitna One	88.52	14	eP	P	19 30 44.1 +1.2
KMI	comp=Z,98nm,0.9s					19 32 44.7 +1.4
KMI	Kunming	88.58	298	P	pP	19 32 44.7 +1.4
KMI	comp=Z,73nm,0.8s					19 32 44.7 +1.4
K						

Table listing astronomical observations with columns for object name (e.g., DAVOX, FUORN, LOMAK), coordinates, magnitude, and other parameters.

Table listing astronomical observations with columns for TOA1, TOA2, TOA3, TOA4, TOA5, TOA6, TOA7, TOA8, TOA9, TOA10, TOA11, TOA12, TOA13, TOA14, TOA15, TOA16, TOA17, TOA18, TOA19, TOA20, TOA21, TOA22, TOA23, TOA24, TOA25, TOA26, TOA27, TOA28, TOA29, TOA30, TOA31, TOA32, TOA33, TOA34, TOA35, TOA36, TOA37, TOA38, TOA39, TOA40, TOA41, TOA42, TOA43, TOA44, TOA45, TOA46, TOA47, TOA48, TOA49, TOA50, TOA51, TOA52, TOA53, TOA54, TOA55, TOA56, TOA57, TOA58, TOA59, TOA60, TOA61, TOA62, TOA63, TOA64, TOA65, TOA66, TOA67, TOA68, TOA69, TOA70, TOA71, TOA72, TOA73, TOA74, TOA75, TOA76, TOA77, TOA78, TOA79, TOA80, TOA81, TOA82, TOA83, TOA84, TOA85, TOA86, TOA87, TOA88, TOA89, TOA90, TOA91, TOA92, TOA93, TOA94, TOA95, TOA96, TOA97, TOA98, TOA99, TOA100.

Table listing astronomical observations with columns for WRA, HYT, ARU, ASO1, AS31, ASAR, MBWA, ARCS, FORT, U15A, CSEM, PDA, Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC, h, m, s, ISC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like URZ Urewera, URZ Alice Springs, ASAR Alice Springs, WRA Waramunga Arr, etc.

ISCJB 02 19:55:51.0, 0.24, 2S:0.1x179.2E:0.1, h550km, mb3.8/12, Error ellipse: s-maj=19.4km s-min=14.1km az=143.7

IDC 02 19:55:51.2, 3.3, 2.4, 0.6Sx179.28E, h532km, 35km, mb3.4/12, mb1 3.6/14, mb1mx3.3/38, mbtmp4.3/14, Error ellipse: s-maj=29.9km s-min=22.5km az=146.0

ISC 02 19:55:52.0, 0.6, 24.2S:0.1x179.2E:0.1, h550km, n27, r=102/29, mb3.8/12, 1D, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like DZM Mont Dzumac, URZ Urewera, CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, WRA Waramunga Arr, etc.

NNC 02 19:59:19.0, 3.1, 40.109N, 75.72E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=23.3km s-min=11.8km az=175.0

KRNET 02 19:59:19.6, 0.1, 40.101N, 75.81E, mb2.7

SOME 02 19:59:19.1, 39.98N, 75.75E, h5km

ISC 02 19:59:19.2, 4.0, 40.03N, 0.09, 75.70E, 0.04, h4km, 19km, n28, r=151/52, 14C-6D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like KZA Kyzart, KZA Aral, ARLS Aral, ULHL Ulahol, UCH Uchtur, KDJ Kajiasy, ARSB Arslanbob, BOOM Boomsokoye usch, AML Almayashu, AML Almayashu, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, KST KasteK, BMNS Besmoynak, BMNS Besmoynak, IZV Izvestkoviy, IZV Izvestkoviy, ANVS Anan'yevoy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like ANVS baz=26, TNSS Tian-Shan, TNSS Tian-Shan, DGS Degeres, DGS Degeres, MRKS Merke, MRKS Merke, MDOK Medeo, MDOK Medeo, KOTS Kotrybulak, KOTS Kotrybulak, MNAS Manas, MNAS Manas, ZHN Zhinishe, ZHN Zhinishe, ZHN Zhinishe, KTBS Karatobe, KTBS Karatobe, KUU Kurty, KUU Kurty, CHKK Chushkaly, CHKK Chushkaly, CHKK Chushkaly, SHLS Shalkode, SHLS Shalkode, PDGK Podgornoye, PDGK Podgornoye, PDGK Podgornoye, KK31 Karatay Array, KK31 Karatay Array, BTLS Baital, BTLS Baital, BTLS Baital

IDC 02 20:07:18.4, 0.9, 11.97N:143.53E, h0km, mb3.9/10, mb1 4.1/11, mb1mx3.8/45, mbtmp3.9/11, ML4.2/1, MS2.8/2, Ms1 2.8/2, ms1mx2.6/31, Error ellipse: s-maj=33.2km s-min=18.7km az=105.0

ISCJB 02 20:07:20.0, 0.5, 11.93N:0.07, 143.58E:0.08, h25km, mb4.1/13, MS3.0/1, Error ellipse: s-maj=12.0km s-min=8.6km az=35.1

NEIC 02 20:07:23.8, 1.4, 11.94N:143.67E, h40km, 14km, mb4.9/5, Error ellipse: s-maj=12.5km s-min=8.1km az=87.0

ISC 02 20:07:22.1, 0.8, 11.93N:0.1, 143.66E:0.1, h25km, n26, r=0571/26, mb4.2/13, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like GUMO Guam, GUMO Guam, PATS Polmpo, PATS Polmpo, PMG Port Moresby, PMG Port Moresby, WRA Waramunga Arr, WRA Waramunga Arr, ASAR Alice Springs, ASAR Alice Springs, SONA0 Songoing Array, SONA0 Songoing Array, SONA1 Songoing Array, SONA1 Songoing Array, MK01 Makanchi Array, MK01 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, ZAA0 Zalesovo Array, ZAA0 Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZAA1 Zalesovo Array, ZAA1 Zalesovo Array, KURK Kurchatov, KURK Kurchatov, IL1 Eielson Array, IL1 Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILB Eielson Array, ILB Eielson Array, INK Inuvik, INK Inuvik, YKA Yellowknife Ar, YKA Yellowknife Ar, ARCES ARCES Array B, ARCES ARCES Array B, FIAO FINESS Array S, FIAO FINESS Array S, FINS FINESS Array B, FINS FINESS Array B

NIED 02 20:08:00, 38.60N, 141.80E, h50km, Mw4.1 Best double couple: Mb1-3400x1015, N1P1a=2.0000, 382.0000, 1.80, 0.0000, 1.80, 0.0000, NP2=9.80, 0.0000, 390.0000, 8.00, 0.0000

ISCJB 02 20:08:14.3, 0.7, 38.63N, 0.04, 141.82E, 0.08, h55km, 4km, mb3.9/9, Error ellipse: s-maj=10.8km s-min=5.3km az=16.3

IDC 02 20:08:16.4, 2.7, 38.65N:141.86E, h59km, 21km, mb3.6/9, mb1 3.8/15, mb1mx3.5/49, mbtmp4.0/15, ML3.5/5, Error ellipse: s-maj=33.2km s-min=15.2km az=83.0

JMA 02 20:08:16.0, 0.1, 38.64N:141.73E, h49km, 1km, M4.0, JMA Felt II J1

ISC 02 20:08:14.9, 1.3, 38.62N:0.04, 141.91E:0.09, h46km, 10km, n32, r=188/38, mb3.8/9, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like JIO Ouri, JIO Ouri, JOFU Ofunato, JOFU Ofunato, JMK Ichinoseki, JMK Ichinoseki, JOM Ohasama, JOM Ohasama, JOU Okura, JOU Okura, JOM Marumori, JOM Marumori, JMM Kaneyama, JMM Kaneyama, JYK Kaneyama, JYK Kaneyama, JRK Rokugo, JRK Rokugo, JYK Kawachi, JYK Kawachi, JYK Shirataka, JYK Shirataka, JYS Shirataka, JYS Shirataka, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro, MJAR Matsushiro, MAT Matsushiro, MAT Matsushiro, ASAJ Asahikawa, ASAJ Asahikawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like JHJ Hachiojima 2, JHJ Hachiojima 2, JHU Hachiojima 2, USRK Utsunomiya, JNU Nakatsue, KRSR Korea Array, SONM Songoing Array, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, ZALV Zalesovo Beam, MKAR Makanchi Array, WRA Waramunga Arr, ASAR Alice Springs, ARCES ARCES Array B, FINES FINESS Array B, NOA NORARS Array B, AKASG Malin Array Be

IDC 02 20:11:4.1, 1.9, 0.53S, 134.53E, h154km, 60km, mb3.0/5, mb1 3.3/6, mb1mx3.1/4, mbtmp3.6/6, Error ellipse: s-maj=93.9km s-min=31.2km az=104.0, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, WRA Waramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, SONA0 Songoing Array, MKAR Makanchi Array

ISCJB 02 20:11:0.0, 0.3, 23.00N:0.02, 121.56E:0.02, h28km, 2km, Error ellipse: s-maj=3.3km s-min=2.3km az=155.6

JMA 02 20:10:10.9, 0.1, 23.06N:121.43E, h41km, 3km, M3.7

TAP 02 20:10:11.8, 23.05N:121.47E, h41km, ML3.9, B

ISC 02 20:10:11.6, 1.0, 23.03N:0.02, 121.51E:0.02, h33km, 4km, n77, r=195/124, 18C-10, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like CHKT Chengkung, CHKT Chengkung, TWF1 Yuli, TWF1 Yuli, TTN Taitung, TTN Taitung, TWG Taung, TWG Taung, ELDTW Lidau, ELDTW Lidau, EHY Hungye, EHY Hungye, ECH ECH, ECH ECH, ECL ECL, ECL ECL, TEGC Jichi Village, TEGC Jichi Village, YUS Yu-Shan, YUS Yu-Shan, STYT Tauiyuan, STYT Tauiyuan, STYT Tauiyuan, ESL Shilin, ESL Shilin, ALS ALS, ALS ALS, ESF Shoueng Towns, ESF Shoueng Towns, WTP Tapu, WTP Tapu, WTP Tapu, SGST Jiashan, SGST Jiashan, SGST Jiashan, TAW Tawu, TAW Tawu, EAST Anshuo, EAST Anshuo, CHN4 Tsaushan, CHN4 Tsaushan, CHN4 Tsaushan, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, HWA Hwallen, HWA Hwallen, CHN5 Tsauling, CHN5 Tsauling, CHN5 Tsauling, CHN5 Tsauling, TWK Hsinying, TWK Hsinying, TWK Hsinying, LAY Lantaw, LAY Lantaw, SGLT Jiouru, SGLT Jiouru, TWM1 Shoushan, TWM1 Shoushan, TWD Chiawan, TWD Chiawan, SCZT Fanguhu, SCZT Fanguhu, TYC Yuchr, TYC Yuchr, TYC Yuchr, TYC Yuchr, CHN3 Shinhua, CHN3 Shinhua, CHN3 Shinhua, CHN2 Nilitung, CHN2 Nilitung, CHN2 Nilitung, CHN2 Nilitung

2011 AUG

Table with columns: WdG, Gukeng, 1.09 307, P, Pb, 20 20 32.0 0.0, etc. Includes station names like Wgk, CHY, WHF, WNT, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like SCEL, BERNI, VDL, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes station names like ARCES, WRA, GEYT, etc.

CSEM 02 20:58:24.2, 46:44N:9:82E, h8km, MLO.9/5, ZUR 02 20:58:24.2, 46:44N:9:82E, h8km, MLO.9/5, 5C-4D, Switzerland

CSEM 02 21:00:04.7, 43:32N:12:64E, h10km, MD1.4/4, ROM 02 21:00:04.7, 43:32N:12:64E, h10km, MD1.4/4, MLO.6/4, Error ellipse: s-maj=0.7km s-min=0.6km az=45.0, Central Italy

KRSC 02 21:28:39.2, 1.0, 55:05N:162:55E, h21km, 19km, ML3.7, Near east coast of Kamchatka Peninsula

2d 23h

Table with columns: ARCES, ARCESS Array B, 40.30 347 P, 22 17 21.5 0.0, etc. Lists various astronomical observations with station names, coordinates, and times.

2011 AUG

Table with columns: CAST, Castle Rocks, 83.31 10 eP, 22 22 11.4 +0.4, etc. Lists astronomical observations from the Castle Rocks station.

108

Table with columns: SNTG, Esanatoglia, 0.35 315 Pg, 23 06 28.3 -1.1, etc. Lists astronomical observations from the Esanatoglia station.

Table of astronomical observations for 3d 0h, listing station names, codes, and various parameters like elevation, azimuth, and time.

Table of astronomical observations for 2011 AUG, listing station names, codes, and various parameters like elevation, azimuth, and time.

Table of astronomical observations for 110, listing station names, codes, and various parameters like elevation, azimuth, and time.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MARN Marana (Italy), DDO Dossol del Somm, PANI Panarotta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AYDB Zeytinokoy-Aydi, ELL Elmali, BODT Bodrum, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PKIN 6.8nm,0.3s, PKI Pulchoki, PKI Jirni, etc.

Table with columns: BRTR, Keskin Array B, 145.03 317 PKP, PKPbc, 03 39 55.5 -0.8, etc. Includes various astronomical observations and station data.

Table with columns: PMRV, Marv??o, 155.87 20 eLR, LR, 04 33 16.8, etc. Includes astronomical observations and station data.

Table with columns: LUCF, Luceram, 2.38 254 Pg, Pn, 03 26 15.1 +1.4, etc. Includes astronomical observations and station data.

NIED 03:28:00, 38:10N, 143:40E, h17km, Mw3.3 Best double couple: M1:1000x1014 N1:127.00000, 337.00000, 147.00000, N2:357.00000, 364.00000, 117.00000.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JIO Ouri, OFLU Okunato, JMK Ichinoseki, JMM Marumori, JFK Kawauchi, JFM Ohasama, JOU Okura, JFT Otama, JYK Kaneyama, JAG Ashikaga.

NIED 03:03:41:00.40:30N:142:50E, h38km, Mw3.9 Best double couple: M7.18000x10^14 NP1.3x314.00000x10^14, lambda=129.00000, lambda=129.00000, NP2.3x174.00000x10^14, delta=81.00000.
ISCJB 03:03:41:01.10:7.0:40:23N:142:47E:0.09, h53km, 5km, mb3.8/15, Error ellipse: s-maj=11.8km s-min=6.1km baz=17.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JTH Tanohata, JANG Nango, MIYJ Miyakonagasawa, KJZ Kuzumaki, JOH Ohasama, JTM Tenabayashi, JAH Hinai, JOT Ohata, JMT Ichinoseki, JRJ Rokugo, ERM Erimo, ASAJ Asahikawa.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MAJO Matsushiro, MJAR Matsushiro Arr, JHJ Hachio jima 2, JHU Hachio jima 1, USRK Utsuryisak Arr, KLR Kul'dur, SEY Seymchan, SONM Sogino Array, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, ZALV Zalesovo Beam, MKAR Makanichi Array, KURK Kurchatov, ILAR Eielson Array, ABKAR Abkutak array, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, FINES FINES Array B, KBZ Khabaz, NB2 NORRAR Subarra, AKASG Malin Array Be, GERES GERES Array B.

ATH 03:03:41:17.0:38:12N:20:59E, h19km, 1km, ML2.2/8, Error ellipse: s-maj=1.3km s-min=0.8km az=57.0
ISCJB 03:03:41:17.0:0.6:38:09N:0:02:20:52E:0.03, h12km, 3km, Error ellipse: s-maj=5.0km s-min=3.2km az=141.6
CSEM 03:03:41:17.7:0.3:38:11N:0:02:16E, h12km, ML2.2, Error ellipse: s-maj=7.4km s-min=5.0km az=52.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for VLS Valsamata, KFL Anninata, ZKS Zakynthos, VTN Vitineika, PDO Prodomos.

Table with columns: PDO, P, S, AML, Pg, S, AML. Includes entries for Prodomos, Lefkada island, Riolos of Patr, Artemida-Makis, Palaio Diasel.

Table with columns: P, S, AML, Pg, S, AML. Includes entries for Palaio Diasel, LAKA Lakka, ANX Ano Chora, SERG Sergoula, TRIZ Trizonia, KLV Kalavryta, Ach, KALE Kalithea.

Table with columns: P, S, AML, Pg, S, AML. Includes entries for EVR Evrytania, KALE Kalithea, ITM Ithomi, IGT Igomunita, TRIP Tripoli.

Table with columns: P, S, AML, Pg, S, AML. Includes entries for PYL PYLOS, SGD Sagiada, DSF Desfina, VLL Vlachokerasia, VLX Vlachokerasia, AGG Agios Georgios.

Table with columns: P, S, AML, Pg, S, AML. Includes entries for KEK Kerkira, THL Klokokots Trika, LTK Loutraki, KPRO Kipourio, LKR Lokris, WIL2 Plateos, PENT Pentalofoi, VILL Villia, DID Didima.

Table with columns: VLI Velia, XOR Xorichti, TTP Timpagegrade, NOCI Noci, UDBI Udbina.

IDC 03:03:53:39.1:15.0:19:87S:179:02W, h644km, 138km, mb3.1/3, mbl 3.4/3, mb1mx2.8/20, mbtpm4.1/3, Error ellipse: s-maj=207.1km s-min=49.2km az=133.0, Fiji

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ASAR Alice Springs, WRA Warramunga Arr, ILAR Eielson Array, HFS Hagfors, AKASG Malin Array Be, BRTR Keskin Array B.

GEN 03:03:57:35.5:44:65N:10:61E, h1km, ML2.0
ISCJB 03:03:57:36.0:0.3:44:61N:0:02:10:47E:0.03, h25km, 3km, Error ellipse: s-maj=3.9km s-min=2.7km az=31.3
ROM 03:03:57:36.6:0.2:44:61N:10:50E, h18km, 4km, Md2/8/13, ML2.0/9, Error ellipse: s-maj=3.7km s-min=2.6km az=95.0
CSEM 03:03:57:36.4:0.1:44:61N:10:53E, h15km, ML2.4/15, Error ellipse: s-maj=3.3km s-min=2.6km az=99.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PRMA PARMAR, NOVE Novellara, NOVE Novellara, GRAM Graiana, ZCCA Zocca, ZCCA Zocca, SARO Sassorosso, VLC Villacollemand, VLC Villacollemand.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CODM Codomo, POPM Popiglio, MAIM Mastiano, PLMA Palmaria, PLMA Palmaria, PTF Prato, PTF Prato, SEI Scarperia, SEI Scarperia, VMG Vicchio, VMG Vicchio, SALG Sair, SALG Sair, BALD Monte Baldo, BALD Monte Baldo, TEOL Teolo, TEOL Teolo, MARN Marana, MARN Marana, SFI Santa Sofia, SFI Santa Sofia, CAST Castella Chi, CAST Castella Chi, DDO Doso del Som, DDO Doso del Som, RNI Roncone, RNI Roncone, PCP Piancastagn, PCP Piancastagn, CRE Caprese Michel, CRE Caprese Michel, TRIF Trifonti, TRIF Trifonti, RORO Rocca Rossa, RORO Rocca Rossa, APPI Appiano, APPI Appiano, IMI Imperia, IMI Imperia, PGF Pioggiaola, PGF Pioggiaola, SBF Sospel, SBF Sospel, SBF Sospel, SBF Sospel, FETA Feichten, FETA Feichten, FETA Feichten, FETA Feichten, ABTA Abtaltersbach, ABTA Abtaltersbach, ABTA Abtaltersbach, ABTA Abtaltersbach, DAVA Danuelli, DAVA Danuelli, DAVA Danuelli.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for DDO Doso del Som, RNI Roncone, PCP Piancastagn, CRE Caprese Michel, TRIF Trifonti, RORO Rocca Rossa, APPI Appiano, IMI Imperia, PGF Pioggiaola, SBF Sospel, SBF Sospel, FETA Feichten, FETA Feichten, ABTA Abtaltersbach, ABTA Abtaltersbach, DAVA Danuelli, DAVA Danuelli.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for DDO Doso del Som, RNI Roncone, PCP Piancastagn, CRE Caprese Michel, TRIF Trifonti, RORO Rocca Rossa, APPI Appiano, IMI Imperia, PGF Pioggiaola, SBF Sospel, SBF Sospel, FETA Feichten, FETA Feichten, ABTA Abtaltersbach, ABTA Abtaltersbach, DAVA Danuelli, DAVA Danuelli.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAVA Damuels, DAVA Moosalm, WATA Walderalm, etc.

JMA 03:04:36:54.1-0.2,38'36"Nx144'50"E, h36km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, MIYJ Miyakonagawasa, etc.

MEX 03:04:44:23.5-0.4,13'50"N,92'20"W, h24km, 12km, MD3.8, Off coast of Chiapas

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

BJI 03:04:51:44.5, 19'40"S; 177'60"W, h590km, mb4.8/11, mB5.1/10

ISCJJB 03:04:51:50.9-0.4, 19'32"S; 0'07:177'60"W; 0'07: h570km, mb4.6/39, Error ellipse: s-maj=10.0km s-min=6.9km az=136.3

IDC 03:04:51:53.9-1.4, 19'15"S; 177'69"W, h586km, 15km, mb3.6/13, mb1.3/9.15, mb1mx3.8/2.5, mbtmp4.6/15, Error ellipse: s-maj=17.8km s-min=11.0km az=142.0

NEIC 03:04:51:53.5-1.4, 19'42"S; 177'57"W, h590km, 11km, mb4.9/24, Error ellipse: s-maj=23.6km s-min=11.8km az=62.0

ISC 03:04:51:51.6-0.4, 19'12"S; 0'07:177'69"W; 0'07: h570km, n121, a29/09/130, mb4.6/39, 18C-5D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, AFI Afiamalu, DZM Mont Dzumac, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASO1 Alice Springs, WRA Warramunga Arr, WRA, etc.

ILAR comp=Z,10.0nm,0.9s

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAR, XAN Xi'an, SYO Syowa Base, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VYHS Vyhne, ARR Arges, TREC Trest, etc.

ISCJJB 03:04:52:50.2-0.6, 50'09"N; 0'04:19'01"E; 0'03: h0km, Error ellipse: s-maj=1.6km s-min=2.8km az=3.9

IPEC 03:04:52:51.2-0.2, 50'13"N; 19'06"E, h0km, 1km, ML1 6/3, Error ellipse: s-maj=2.7km s-min=1.1km az=165.0

WAR 03:04:52:51.8, 50'07"N; 19'16"E, h1km, Mw2.2

PRU 03:04:52:51.8, 50'10"N; 19'06"E, h0km

CSEM 03:04:52:51.1-0.3, 50'11"N; 19'05"E, h2km, ML2 5/6, Error ellipse: s-maj=7.7km s-min=3.5km az=3.0

ISC 03:04:52:51.1-0.8, 50'05"N; 0'04:19'08"E; 0'02: h0km, n27, a056/44, Poland

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

3Mj	5mH	6.25	8.5	P	Pn	05 05 55.2	-0.8
GMJ	Gumkmas	6.25	8.5	P	Pn	05 05 55.2	-0.8
BLJI	Banyuglugur	6.44	8.4	P	Pn	05 05 57.6	-1.0
KSI	Kapanggih	6.57	316	P	Pn	05 06 02.4	+1.9
JAGI	Jajag, Banyuwya	6.95	91	P	Pn	05 06 04.6	-1.0
JAGI	Jajag, Banyuwya	6.95	91	ePn	Pn	05 06 09.1	+3.5
TPRI	Tanjung Pinang	10.67	344	P	Pn	05 06 04.9	+1.9
PLAI	Plampang	10.53	93	P	Pn	05 06 54.0	-0.8
GIRL	Giralala	15.67	155	P	Pn	05 08 01.6	-2.8
SOEI	Soe	16.77	96	ePn	P	05 08 23.9	+1.0
MRSI	Marisa	17.22	60	P	P	05 08 32.5	+7.0
GTOI	Gorontalo	18.23	61	P	P	05 08 37.4	+0.9
FITZ	Fitzroy Crossi	20.39	120	P	P	05 09 01.8	+1.6
FITZ	1.6nm, 0.8s, baz=163, slow=19, SNR=11			S	S	05 12 35.4	-1.1
FITZ	comp=Z, 89nm, 21.7s, baz=302, slow=37			LR	LR	05 17 00.3	
FITZ	Fitzroy Crossi	20.39	120	ePn	Pn	05 09 03.5	+1.1
FITZ	19nm, 1.3s			S	S	05 12 35.4	-1.1
NWAO	Narrogin (SRO)	26.08	160	LR	LR	05 20 30.1	
H01W3	Cape Leeuwih H	27.07	167	T	T	05 39 18.9	
H01W1	Cape Leeuwih H	27.09	167	T	T	05 39 19.6	
H01W2	Cape Leeuwih H	27.09	167	T	T	05 39 22.0	
CMAR	Chiang Mai Arr	27.94	343	P	P	05 10 10.3	-3.2
CMAR	2.9nm, 0.6s, baz=179, slow=8.8, SNR=8			LR	LR	05 20 59.5	
WRA	Warramunga Arr	28.69	116	P	P	05 10 21.4	+1.1
ASAR	Alce Springs	29.76	124	P	P	05 10 31.6	+1.9
ASAR	0.7nm, 0.6s, baz=295, slow=7.6, SNR=4.4			LR	LR	05 22 55.3	
H08S2	Diego Garcia H	34.30	269	T	T	05 47 20.1	
H08S1	Diego Garcia H	34.31	269	T	T	05 47 26.0	
H08S3	Diego Garcia H	34.32	269	T	T	05 47 23.1	
COEN	Coen	35.75	102	P	P	05 11 22.1	0.0
COEN	baz=36, SNR=8.1			P	P	05 11 56.7	+2.3
STKA	Stephens Creek	39.58	131	P	P	05 29 24.9	
STKA	5.7nm, 1.0s, baz=300, slow=12, SNR=4.0			LR	LR	05 29 24.9	
JOW	Kunigami	40.64	30	P	P	05 12 05.5	+2.4
GTA	Gaotai	48.11	352	eP	P	05 13 08.5	+5.7
GTA				eP	P	05 13 11.8	-1.4
GTA				eP	P	05 13 14.7	-2.7
HHC	Hu-ho-hao-te	49.23	4	eP	P	05 13 13.5	+2.1
HHC				P	P	05 13 23.5	+1.6
HHC				S	S	05 13 27.4	+1.4
HHC				S	S	05 20 16.4	+1.3
HHC	comp=Z, 1.4nm, 0.6s			Pmax	Pmax		
HHC	comp=Z, 7.1nm, 6.6s			Pmax	Pmax		
HHC	comp=N, 150nm, 11.5s			LR	LR		
HHC	comp=E, 190nm, 12.7s			LR	LR		
KSAR	Wonju Array Be	49.62	22	P	P	05 13 13.4	-0.9
KSR5	Korea Array	49.65	22	P	P	05 13 13.4	-1.0
KSR5	comp=Z, 0.7nm, 0.5s, baz=214, slow=9.2, SNR=4.0			LR	LR	05 36 06.6	
MJAR	Matsushiro Arr	53.44	31	P	P	05 13 39.4	-3.5
MJAR	comp=Z, 0.6nm, 0.4s, baz=193, slow=10.0, SNR=3.9			LR	LR	05 38 09.6	
SONM	Songino Array	56.05	359	P	P	05 13 59.6	-2.1
SONM	comp=Z, 1.5nm, 0.5s, baz=175, slow=7.6, SNR=1.1			PcP	PcP	05 14 59.5	-0.2
SONM	comp=Z, 0.7nm, 0.3s, baz=193, slow=3.2, SNR=5.6			LR	LR	05 40 12.5	
SONM	comp=Z, 1.06nm, 19.7s, baz=150, slow=39			P	P	05 14 00.2	-1.7
USRK	Ussuriysk Arr	57.04	21	P	P	05 14 06.7	-1.9
MK01	Makanchi Array	59.27	340	eP	P	05 14 23.1	-1.2
MK31	Makanchi Array	59.30	340	eP	P	05 14 22.4	-2.0
MKAR	Makanchi Array	59.30	340	P	P	05 14 22.1	-2.4
MKAR	comp=Z, 4.3nm, 0.5s, baz=154, slow=6.6, SNR=3.4			LR	LR	05 42 19.9	
MKAR	comp=Z, 7.0nm, 19.1s, baz=200, slow=39			P	P	05 14 23.7	-0.8
KLR	Kul'dur	61.37	19	P	P	05 14 36.0	-2.6
KURBB	Kurchatov Arra	63.86	340	P	P	05 14 54.4	-0.7
KURK	Kurchatov	63.91	340	eP	P	05 14 55.0	-0.4
GEYT	Alibeck	64.94	319	P	P	05 15 01.6	-0.9
ZAAO	Zalesovo Array	64.97	346	eP	P	05 15 00.3	-2.0
ZALV	Zalesovo Beam	64.97	346	P	P	05 15 00.6	-1.7
MAW	Mawson	66.02	197	P	P	05 15 10.5	+1.6
MAW	comp=Z, 2.5nm, 0.6s, baz=35, slow=3.8, SNR=10			eP	P	05 15 11.1	+2.2
BVAR	Borovyoye Array	68.75	337	P	P	05 15 25.8	-0.7
BVAR	comp=Z, 1.2nm, 0.5s, baz=142, slow=8.7, SNR=6.5			LR	LR	05 48 18.4	
BVAR	comp=Z, 1.24nm, 21.4s, baz=247, slow=36			LR	LR	05 48 18.4	
SYO	Syowa Base	74.19	2001	eP	P	05 16 01.0	+2.0
SYO	Syowa Base	74.19	2001	eP	P	05 16 11.8	+1.9
VNDA	Vanda	74.52	169	P	P	05 16 02.1	+1.3
PEAO	Petrovlovsk-k	74.80	29	eP	P	05 16 01.5	-1.3
PETK	Petrovlovsk-k	74.80	29	eP	P	05 16 01.4	-1.4
ARU	Arti	75.99	335	eP	P	05 16 09.2	-0.3
KBU	Khabaz	77.81	318	P	P	05 16 20.1	-0.1
NRIK	Noril'sk	78.81	353	P	P	05 16 24.3	-0.7
NRIK	comp=Z, 2.0nm, 0.4s, baz=196, slow=4.3, SNR=3.6			LR	LR	05 54 09.6	
SEY	Seymchan	79.13	19	P	P	05 16 25.5	-1.4
TIXI	Tiksi	81.23	7	P	P	05 16 36.0	-2.0
QSPA	South Pole Qui	81.54	180	eP	P	05 16 41.5	+1.4
BR131	Reskin Array S	82.89	312	eP	P	05 16 47.9	+0.1
BR131	Reskin Array S	82.89	312	P	P	05 16 47.5	-0.2
BRTR	Reskin Array S	82.89	312	P	P	05 16 47.5	-0.2
BRTR	comp=Z, 2.2nm, 0.6s, baz=140, slow=6.3, SNR=14			LR	LR	05 57 02.8	
BRTR	comp=Z, 2.4nm, 18.0s, baz=132, slow=36			P	P	05 16 48.5	-2.6
AKASG	Malin Array Be	88.91	322	P	P	05 17 16.8	-0.2
BUR08	Bucovina Arr S	90.30	318	eP	P	05 17 26.9	+0.9
FINES	FINESS Array B	91.13	332	P	P	05 17 34.9	-1.4
FINES	comp=Z, 0.8nm, 0.7s, baz=92, slow=8.3, SNR=3.0			LR	LR	06 05 42.2	
FINES	comp=Z, 2.7nm, 18.5s, baz=118, slow=40			LR	LR	06 05 42.2	
YKA	Yellowknife Arr	118.18	21	PKP	PKPdf	05 23 09.6	+0.3
K04D	Chiloquin, OR	125.36	43	P	P	05 23 24.0	+0.1
O03D	Paynes Creek	126.25	46	P	PKPdf	05 23 26.0	+0.3
M50	Missoula	128.19	35	P	PKPdf	05 23 29.7	+0.6
PDAR	Pinedale Array	133.08	37	PKP	PKPdf	05 23 40.0	+1.2
P38A	Dawn	143.88	28	P	PKPab	05 23 55.6	+0.3
T34A	McClaskey Farm	144.01	34	P	PKPab	05 23 56.0	+0.1

2011 AUG	144.12	38	P	PKPab	05 23 57.2	+0.7	
W32A	Sentinel	144.12	38	P	PKPab	05 23 57.2	+0.7
O40A	La Belle	144.20	25	P	PKPab	05 23 56.7	+0.1
U34A	Anderson Ranch	144.23	35	P	PKPab	05 23 57.2	+0.4
P39B	Salisbury	144.34	27	P	PKPab	05 23 57.0	-0.1
S36A	Lake Cedric, C	144.35	32	P	PKPab	05 23 57.0	-0.2
Q38A	Cooks Store, C	144.37	28	P	PKPab	05 23 56.9	-0.3
TXAR	Lajlas Array	144.41	50	PKP	PKPbc	05 23 59.0	+0.8
T35A	Sooner Cattle	144.46	34	P	PKPab	05 23 57.7	+0.1
X32A	Elmer	144.55	39	P	PKPab	05 23 58.6	+0.5
W33A	Caddo, Fort Co	144.57	38	P	PKPbc	05 23 59.1	+0.8
Q31A	Willow Grove F	144.60	28	P	PKPab	05 23 57.9	-0.1
O49A	Pasleys Farm,	144.61	24	P	PKPab	05 23 57.6	-0.5
P40A	Paris	144.62	26	P	PKPab	05 23 57.9	-0.2
WMOK	Wichita Mounta	144.66	38	P	PKPab	05 23 58.8	+0.3
V34A	Guthrie	144.67	36	P	PKPab	05 23 59.0	+0.5
T36A	Doogs Farm, Ca	144.70	33	P	PKPab	05 23 58.6	+0.1
S37A	Fort Scott	144.72	31	P	PKPab	05 23 58.1	-0.5
U35A	Pawnee	144.73	34	P	PKPab	05 23 58.7	+0.1
R38A	Fenwick Farm,	144.84	29	P	PKPab	05 23 58.0	-1.0
HDIL	Hopedale	144.85	22	P	PKPab	05 23 58.4	-0.5
P41A	Barry, Barry	144.91	25	P	PKPab	05 23 58.8	-0.4
W34A	Bridge Creek,	144.93	37	P	PKPab	05 23 59.4	+0.0
X33A	Lawton	144.96	38	P	PKPab	05 23 59.9	+0.3
Q40A	Laux Farm, Au	145.04	27	P	PKPbc	05 23 59.4	-0.3
V35A	Meyer Ranch, C	145.11	35	P	PKPbc	05 23 59.5	-0.5
R39A	Chumby, Stover	145.16	28	P	PKPbc	05 23 59.6	-0.5
T37A	Cheneyville 18	145.16	32	P	PKPbc	05 23 59.6	-0.5
Y33A	Hilltop Ranch,	145.24	39	P	PKPbc	05 24 00.1	-0.4
U36A	Oolog	145.27	33	P	PKPbc	05 24 00.1	-0.3
S38A	Stokhan	145.28	30	P	PKPbc	05 23 59.6	-0.8
P42A	Winchester	145.28	24	P	PKPbc	05 23 59.8	-0.6
ABTX	Abilene, Hawle	145.46	42	P	PKPdf	05 24 01.8	+0.5
S39A	Bolivar	145.52	29	P	PKPdf	05 24 00.5	-0.7
W35A	Teenshee	145.52	36	P	PKPdf	05 24 01.5	+0.2
R40A	Maddies Statio	145.53	28	P	PKPdf	05 24 00.9	-0.3
T38A	Diamond Ranch,	145.54	31	P	PKPdf	05 24 01.0	-0.3
TUL1	Leonard	145.59	34	P	PKPdf	05 24 01.5	+0.1
U37A	Salina	145.59	33	P	PKPdf	05 24 01.3	-0.1
V36A	Jenks	145.60	34	P	PKPdf	05 24 01.7	+0.3
Z33A	Whitaker Ranch	145.62	40	P	PKPdf	05 24 02.1	+0.6
SFIN	Lafayette	145.78	20	P	PKPdf	05 24 01.7	+0.2
Y34A	Reagan Ranch,	145.81	38	P	PKPbc	05 24 02.7	+0.4
R41A	Wetuna	145.90	35	P	PKPdf	05 24 02.5	+0.5
W36A	Rosebud	145.93	26	P	PKPdf	05 24 02.3	+0.5
I33A	Hansen Ranch	145.95	41	P	PKPbc	05 24 03.4	+0.6
U38A	Gravette	145.95	32	P	PKPdf	05 24 02.1	+0.1
V37A	Hulbert	145.97	33	P	PKPdf	05 24 02.5	+0.5
S40A	Lebanon	145.98	28	P	PKPdf	05 24 02.1	+0.2
X35A	Drake	145.98	37	P	PKPdf	05 24 02.8	+0.8
T39A	Clever	146.01	30	P	PKPdf	05 24 02.4	+0.3
Z34A	Collier Ranch,	146.10	39	P	PKPbc	05 24 03.6	+0.4
R42A	Luebeling	146.19	26	P	PKPdf	05 24 02.9	+0.6
X36A	Centrahoma	146.23	36	P	PKPbc	05 24 03.6	+0.1
Z33A	Manfield	146.33	29	P	PKPbc	05 24 04.6	+0.6
T40A	Mansfield	146.33	29	P	PKPdf	05 24 03.2	+0.6
S41A	Jilico Farms,	146.34	28	P	PKPdf	05 24 03.5	+0.9
W37B	Quinton	146.35	35	P	PKPbc	05 24 03.8	-0.1
V38A	Canehill	146.38	33	P	PKPdf	05 24 03.3	+0.6
U39A	Green Forest	146.46	31	P	PKPbc	05 24 04.1	-0.1
134A	White-Moore Ra	146.51	41	P	PKPbc	05 24 05.1	+0.7
Z35A	Perchman, San	146.54	39	P	PKPbc	05 24 04.6	+0.1
M54A	Oil Creek Stat	146.54	9	P	PKPbc	05 24 04.1	-0.2
S42A	Caltonia	146.62	26	P	PKPdf	05 24 04.2	+1.1
JCT	Junction City	146.63	45	P	PKPbc	05 24 05.2	+0.3
333A	Richland Sprin	146.70	43	P	PKPbc	05 24 05.5	+0.4
Y36A	Durant	146.74	37	P	PKPbc	05 24 05.2	+0.1
T41A	Mountain View	146.78	28	P	PKPdf	05 24 04.5	+1.2
X37A	Clayton	146.78	35	P	PKPbc		

3d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MOX, NKC, TXAR, BRTR, KHC, etc.

NIED 03 06:07:00, 39°50'N, 142°60'E, h26km, Mw3.5. Best double couple: M2:25000*1014, NP1:193.00000*, 320.00000*, ...

JMA 03 06:07:43.6-0.1, 39°48'N, 142°52'E, h25km, 1km, M3.8. JMA Feil LJ1. IDC 03 06:07:59.1-12.0, 39°16'N, 141°42'E, h126km, 52km, ...

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MIYJ, OFUJ, JOM, etc.

2011 AUG

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

ISC/J3 03 06:08:36.9-0.5, 62°19'N, 01°14'W, 0.03, h2km, 3km, mb3.9/19, MS3.5/7, Error ellipse: s-maj=2.4km

NEIC 03 06:08:37.8, 62°11'N, 141°28'W, h13km, MW4.1, ML4.3(AEIC), MW4.3(OTT), Moment Tensor Solution. s31 Moment tensor: Scale 10^15Nm; Mw:0.07; Mse:1.65; ...

PGC 03 06:08:39.0-0.2, 62°10'N, 141°33'W, h5km, ML4.4/9, Mw4.3, 238km southwest of Dawson, YT Central Alaska. IDC 03 06:08:40.0-0.7, 62°27'N, 141°03'W, h0km, mb3.8/14, ...

ISC 03 06:08:39.7-1.0, 62°11'N, 02°14'W, 0.02, h7km, 6km, n170, s167/204, mb4.0/19, MS3.4/7, Central Alaska

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YUK1, YUK2, YUK3, etc.

124

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAR, ILB, ILR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HHC, BVAR, KURKB, etc.

BUI 03 06:10:42.5, 53.96N; 165.52W, h55km, mb4.5/16, mb4.9/12, Ms4.8/7, Ms7 4.5/5

NEIC 03 06:10:45.5, 53.70N; 165.85W, h55km, mb4.7/74, ML4.5(AEIC), After AEIC.

ISCJB Feil at Unalaska. NEIC 03 06:10:46.0, 53.91N; 165.96W; 0.03, h82km, 2km, mb4.5/103, Error ellipse: s-maj=6.4km s-min=3.0km bz=167.3

IDC 03 06:10:49.9, 4.7, 53.94N; 166.00W, h94km, 41km, mb3.9/21, mb1.4/122, mb1mx3.9/51, mbtmp4.2/22, Ms3.1/4, Ms1.3/1.4, ms1mx2.8/31, Error ellipse: s-maj=24.6km s-min=13.0km az=10.0

ISC 03 06:10:47.3, 0.6, 53.78N; 165.94W; 0.04, h69km, 4km, n447, s135/455, mb4.6/104, Fox Islands

Main table of station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous stations including ZRO, UNV, AKRB, etc.

Main table of station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous stations including K05A, M04C, WDC, etc.

Main table of station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists numerous stations including WUAZ, WUPAKI, SMC0, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like S35A Otter Creek Ra, W32A Sentinel, R36A Gordon, Harris, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like Q43A New Douglas, Z36A Blue Ridge, JCT Junction City, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and other parameters. Includes stations like GTA comp=N,240nm,15.2s, GTA comp=E,320nm,16.2s, LZH Lanzhou, etc.

Technical notes and data for stations BJI 03 06:11:29.3, IDC 03 06:11:31.6, MAN 03 06:11:32.8, MOS 03 06:11:32.8, ISCJB 03 06:11:32.8, DJA 03 06:11:34.9, GCMT 03 06:11:35.4, Moment Tensor Solution, Error ellipse, Principal axes, etc.

Table with columns: MYLDM, Lahad Datu, 7.33 278, Pn, 06 13 21.6 +4.5, etc. Lists various locations and their associated data points.

Table with columns: CMAR, comp=Z, 2.5nm, 0.8s, baz=148, slow=1.5, SNR=7.0, etc. Lists various locations and their associated data points.

Table with columns: KSH, comp=Z, 180nm, 7.9s, LR, LR, etc. Lists various locations and their associated data points.

CSEI 03 06:15:44.1, 39.27N:20.63E, h9km, ML2.1/17
ATH 03 06:15:44.1, 39.27N:20.63E, h9km, 2km, ML2.1/12, Error ellipse: s-maj=2.2km s-min=0.6km az=271.0,

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

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

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

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

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

IDC 03 08:10:30.6:1.4, 50.96N:179.86W, h0km, mb3.67, mb1 3.77, mb1mx3.4/57, mbtmp3.6/77, MS3.0/1, Ms1 3.0/1, ms1mx2.2/43, Error ellipse: s-maj=44.7km s-min=24.0km az=172.0

NEIC 03 08:10:36.3:1.5:01.09N:179.65W, h0km, ML3.5(AEIC), After AEIC

ISC 03 08:10:32.5:2.4, 50.90N:179.68W, h0.05, h10km, 13km, n31, e203/34, mb3.8/77, Andreonoff Islands

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

IDC 03 08:17:09.9:1.5, 53.73N:88.24E, h0km, mb1 3.1/4, mb1mx3.0/45, mbtmp3.1/4, ML2.5/3, Error ellipse: s-maj=24.2km s-min=12.6km az=180.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

KRSC 03 08:33:46.1:1.1, 53.73N:167.89E, h24km, 32km, ML3.8, Komandorskiy Islands region

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

IDC 03 08:35:57.4:2.0, 22.61S:176.33W, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.7/24, mbtmp3.9/4, MS3.0/3, Ms1 3.0/3, ms1mx2.8/27, Error ellipse: s-maj=93.0km s-min=30.1km az=156.0, South of Fiji Islands

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

MEX 03 08:37:16.9:0.7, 14.06N:92.15W, h20km, 484km, MD3.9, Near coast of Chiapas

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

IDC 03 08:45:52.2:1.5, 33.22N:81.54E, h0km, mb3.5/7, mb1 3.7/9, mb1mx3.4/57, mbtmp3.5/9, ML3.2/2, MS2.8/1, Ms1 2.8/1, ms1mx2.2/38, Error ellipse: s-maj=46.4km s-min=20.1km az=62.0

ISCJB 03 08:45:55.3:0.7, 33.28N:81.61E, h0.2, h33km, mb3.4/6, Error ellipse: s-maj=27.2km s-min=6.1km az=161.8

ISC 03 08:45:57.5:1.0, 33.33N:81.61E, h0.2, h35km, n20, e0561/19, mb3.4/6, Xizang

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

KRSC 03 09:11:22.4:1.4, 49.18N:157.12E, h32km, 24km, ML3.7, East of Kuril Islands

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

DDA 03 09:15:45.6, 39.37N:36.70E, h5km, MD2.7, CSEM 03 09:15:46.3:0.2, 39.40N:36.70E, h2km, MD2.7

ISC 03 09:15:46.2, 39.37N:36.81E, h15km, MD2.7, ISC 03 09:15:46.4:1.1, 39.37N:36.81E, h3km, 9km, n25, e100/44, Turkey

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

IDC 03 09:20:18.0:3.0, 54.53N:86.55E, h0km, mb1 3.0/2, mb1mx2.9/44, mbtmp3.0/2, ML2.6/2, Error ellipse: s-maj=24.0km s-min=14.9km az=53.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like H46RU, ZALV, ZALV, etc.

IDC 03 09:20:18.0:3.0, 54.53N:86.55E, h0km, mb1 3.0/2, mb1mx2.9/44, mbtmp3.0/2, ML2.6/2, Error ellipse: s-maj=24.0km s-min=14.9km az=53.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like H46RU, ZALV, ZALV, etc.

ISCJB 03 09:37:20.4:0.7, 24.00S:0.07x179.0E:0.1, h548km, mb3.7/9, Error ellipse: s-maj=15.7km s-min=9.2km az=168.8

IDC 03 09:37:23.2.0.2, 23.89S; 178.95E, h567km, 23km, mb3.3/10, mb1.3/4.1, mb1mx3.2/7, mbtmp4.2/11, Error ellipse: s-maj=17.0km s-min=14.6km az=163.0

ISC 03 09:37:20.9.0.8, 24.14S; 0.09:179.1'E:0.1, h548km, n28, e158/29, mb3.7/9, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like DMZ, URZ, QZ, NNZ, THZ, DSZ, KHZ, INZ, OXZ, RPZ, STKA, ASAR, WRA, WND, MJAR, MAW, KSRS, PETK, TXAR, KURBB, ARCES, FINES, NB2, NOA, AKASG, MMAI, BRTR.

IDC 03 09:47:20.1.17.0, 24.55S; 174.95W, h0km, mb4.2/5, mb1.4/3, mb1mx3.8/36, mbtmp4.2/5, Error ellipse: s-maj=330.0km s-min=136.4km az=85.0, South of Tonga Islands

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

MEX 03 09:52:30.8.0.5, 14.35N; 92.62W, h20km, 57km, MD3.7, Near coast of Chiapas

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

IDC 03 09:56:52.2.1.4, 2.23S; 122.45E, h0km, mb3.8/4, mb1.4/1.5, mb1mx3.6/60, mbtmp3.9/5, ML3.4/1, MS3.2/5, Ms1.3/3.5, ms1mx2.8/58, Error ellipse: s-maj=163.4km s-min=22.5km az=62.0

DJA 03 09:56:55.4.0.2, 3.2S; 12.2E, h10km, M4.8/6, mb5.4/1, mb5.6/1, MLV4.4/6, Mw(MB)4.8/1

ISCJB 03 09:56:56.0.5.2, 6.3S; 0.04:121.84E:0.06, h33km, mb3.7/4, MS3.2/4, Error ellipse: s-maj=8.1km s-min=5.3km az=9.1

ISC 03 09:56:57.7.0.9, 2.61S; 0.05:121.82E:0.05, h35km, n19, e156/120, mb3.7/4, MS3.2/4, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KDI, LUWI, SPSI, PCI, BBSI, MRSI, GTOI, BSI, SANI, NLA1, LBMI, SOEI, FITZ, WRA, ASAR, PMG, CMAR, STKA, MKAR, MKAR.

IDC 03 09:58:56.4.2.6, 22.70S; 176.80W, h0km, mb4.0/6, mb1.4/2.6, mb1mx3.8/36, mbtmp4.0/6, MS3.1/2, Ms1.3/1.2, ms1mx2.6/30, Error ellipse: s-maj=92.0km s-min=30.6km az=148.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like RAR, PPT, ASAR, WRA, PETK, USRK.

1.7nm, 0.7s, baz=123, slow=5.3, SNR=4.1 PDAR Pinedale Array 89.80 43 P 10 11 57.2 -0.1

CMAR Chiang Mai Arr 91.89 289 P 10 12 07.7 +0.5

NIED 03 10:02:00.39:40N; 143:90E, h8km, Mw3.8 Best double couple: M2.940000/1014 NP1:36184.00000, 836.00000, 1.75.00000, NP2:3612.00000, 855.00000, 1.101.00000

JMA 03 10:02:05.4.0.3, 39:45N; 143:89E, h21km, M3.7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MIYJ, JTH, OFJU, JOM, JANG, JMK, JRG, JTM, JAH, JOU, JYK, JOT, JCH, JFT, JAK, JAR, JAT, MAT.

IDC 03 10:02:16.0.1.6, 37:16N; 73:19E, h0km, mb3.6/8, mb1.3/7.14, mb1mx3.5/67, mbtmp3.7/14, ML3.3/5, Error ellipse: s-maj=30.3km s-min=17.7km az=155.0

ISCJB 03 10:02:17.5.0.9, 37:29N; 0.07:72.81E:0.08, h10km, mb3.5/8, Error ellipse: s-maj=11.3km s-min=7.3km az=141.3

NNC 03 10:02:24.4.1.2, 37:63N; 72:82E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=1.1, km s-min=4.8km az=151.0

ISC 03 10:02:18.2.1.2, 37:29N; 0.1:73.01E:0.07, h10km, n21, e159/219, mb3.6/8, 6C-AD, Tajikistan

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

AAK Ala-Archa 5.58 11 Pn 10 03 45.3 +4.0

AAK Ala-Archa 5.58 11 Pn 10 03 42.8 +1.4

AAK Ala-Archa 5.58 11 Pn 10 03 42.8 +1.4

AAK Ala-Archa 5.58 11 Pn 10 03 42.8 +1.4

AAK Ala-Archa 5.58 11 Pn 10 03 42.8 +1.4

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AAK Ala-Archa 5.58 11 Pn 10 03 42.8 +1.4

AAK Ala-Archa 5.58 11 Pn 10 03 42.8 +1.4

AAK Ala-Archa 5.58 11 Pn 10 03 42.8 +1.4

10nm, 0.3s, baz=252, slow=20, SNR=5.4 JHU 7.8nm, 0.3s, baz=252, slow=19, SNR=3.4 Sn 10 12 46.0 -4.9

USRK Ussuriysk Arr 9.78 303 Pn 10 12 15.4 +3.0

KSRS Korea Array 12.28 266 Pn 10 12 50.8 +1.4

KSAR Wonju Array Be 12.31 266 Pn 10 12 50.8 +3.7

PETK Petropavlovsk- 16.89 31 LR 10 21 06.8

JEW Kunigami 17.76 230 LR 10 19 27.3

HIA Hailar 19.52 308 eP 10 14 18.9 -0.2

SONM Songino Array 27.87 300 P 10 15 41.8 +0.3

H1N2 WAKE ISLAND Hy 28.17 127 T 10 45 27.6

H1N1 WAKE ISLAND Hy 28.18 127 T 10 45 34.1

H1N3 WAKE ISLAND Hy 28.18 127 T 10 45 24.2

H1S1 WAKE ISLAND Hy 28.98 129 T 10 46 28.7

H1S3 WAKE ISLAND Hy 28.98 129 T 10 46 28.5

H1S2 WAKE ISLAND Hy 28.99 129 T 10 46 25.7

ZALV Zalesovo Beam 41.53 310 P 10 17 37.9 -1.0

MKAR Makanchi Array 44.23 300 P 10 18 00.9 -0.1

AKTO Aktyubinsk 58.28 311 LR 10 44 29.8

WRA Warramunga Arr 59.61 190 P 10 19 54.6 -1.1

FINES FINESS Array B 67.47 332 P 10 20 47.1 -0.1

DJA 03 10:13:41.1.1.7, 3.4S; 12.2E, h35km, 33km, M4.2/7, MLV4.2/7, Sulawesi

KDI Kendari 1.54 150 Pn 10 14 06.9 +0.8

LUWI Luwuk 1.81 31 Pn 10 14 10.8 +1.0

LUWI Luwuk 1.81 31 Pn 10 14 32.4 +0.9

SPSI Sidrap Palu 2.48 237 Pn 10 14 18.1 -0.9

SANI Sani 2.63 31 Pn 10 14 23.9 +1.2

BBSI Bau Bau 2.95 166 Pn 10 14 37.6 +1.2

MRSI Marisa 3.07 2 Pn 10 14 26.9 -0.2

MRSI Marisa 3.07 2 Pn 10 15 03.6 +1.0

GTOI Gorontalo 3.43 20 Pn 10 14 33.4 +1.3

GTOI Gorontalo 3.43 20 Pn 10 15 14.6 +3.1

Sanana 4.17 82 Pn 10 14 42.7 +0.4

LBMI Labuha 5.98 71 Pn 10 15 06.0 -1.2

JMA 03 10:16:59.0.1.1, 38:28N; 134:82E, h414km, 2km, M3.4, ISCJB 03 10:17:00.5.0.3, 38:32N; 0.04:134:73E:0.04, h400km, mb3.5/14, Error ellipse: s-maj=5.3km s-min=4.2km az=36.7

IDC 03 10:17:01.3.0.6, 38:29N; 134:72E, h399km, 8km, mb3.2/13, mb1.3/4.19, mb1mx3.2/62, mbtmp4.1/19, Error ellipse: s-maj=12.3km s-min=6.8km az=66.0

ISC 03 10:17:01.1.0.6, 38.31N; 0.06:134.81E:0.06, h400km, n46, e113/519, mb3.5/14, Sea of Japan

Code Station Name Az Az' Phase ID Time Res h m s ISC. Includes stations like JHH, JHG, JHI, JSZ, JJK, JKG, JOK, JSD, JWI, JMT, JWS, MJAR, JHS, JRY, JRY, JRY, JIE, JIE, JOD2, JOD2, JMK, JMW, JKS, JRS, JOT, JKB, JNU, USRK, ASAJ, ASAJ, KLR, SONM, CMAR, ZALV, MKAR, KURBB, JIRN, JIRN, GUN, PKI, KKN, PKIN, DMN, GKN, KOLN, PYUN, BVAR, ILAR, ARU, AKTO, INUVI, FITZ, WRA, ASAR, YKA.

ASAJ Ashikawa 8.25 43 S 10 19 59.2 +0.1

ASAJ Ashikawa 8.25 43 S 10 20 29.4 +5.9

KLR Kul'dur 11.14 350 P 10 19 13.9 +0.8

SONM Songino Array 27.72 304 P 10 21 30.3 -0.1

CMAR Chiang Mai Arr 36.92 248 P 10 23 34.4 +0.4

ZALV Zalesovo Beam 37.17 311 P 10 23 34.7 -0.9

MKAR Makanchi Array 38.37 300 P 10 23 50.2 -0.4

KURBB Kurchatov Arr 41.06 306 P 10 24 06.9 -0.5

JIRN Jirani 41.73 270 eP 10 24 14.0 +0.5

JIRN Ramite 41.73 269 eP 10 24 13.0 -0.4

GUN Gumba 41.85 271 eP 10 24 14.5 0.0

PKI Pulchoki 42.38 270 eP 10 24 17.8 -0.9

KKN Kakani 42.38 271 eP 10 24 18.5 -0.1

PKIN Pulchoki 42.39 270 eP 10 24 19.3 +0.6

DMN Daman 42.60 271 eP 10 24 21.1 +0.7

GKN Gorkha 42.79 272 eP 10 24 21.1 -0.6

KOLN Koldanda 43.71 272 eP 10 24 28.9 -0.2

PYUN Piuthan 44.04 273 eP 10 24 31.5 -0.1

BVAR Borovoye Array 45.80 311 P 10 24 43.4 -1.3

ILAR Ilar 51.24 33 P 10 25 26.0 +0.6

ARU Aru 51.89 317 P 10 25 30.3 0.0

AKTO Aktyubinsk 58.28 311 P 10 25 43.9 -0.7

INUVI Inuvik 55.63 27 P 10 25 58.1 +1.4

FITZ Fitzroy Crossi 56.76 190 P 10 26 05.5 +0.2

WRA Warramunga Arr 57.94 181 P 10 26 13.3 -0.1

ASAR Alice Springs 61.65 181 P 10 26 38.4 +0.1

YKA Yellowknife Arr 65.27 29 P 10 27 02.5 +1.4

NIED 03 10:24:00.39:10N; 142:50E, h38km, Mw3.6 Best double couple: M2.920000/1014 NP1:36184.00000, 836.00000, 1.75.00000, NP2:3612.00000, 855.00000, 1.101.00000

3d 14h

Table with columns for station code, name, frequency, and signal strength. Includes stations like Kota Tinggi, Semarang, Tangerang, etc.

2011 AUG

Table with columns for station code, name, frequency, and signal strength. Includes stations like FITZ, HYB, SHL, BOK, GYA, etc.

134

Table with columns for station code, name, frequency, and signal strength. Includes stations like SSE, S, S, 14 48 40.5 +1.1, etc.

3d 15h

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Panska Ves, GERESS Array S, etc.

2011 AUG

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Hulbert, Smith Ranch, etc.

136

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Phantom Ranch, Faith Ranch, etc.

ISCJB 03 14:35:17.8, 37.29N; 104.63E, h8km, MD2.6
ISCJB 03 14:35:18.9, 0.7, 37.02N; 106.34, 92E; 0.07, h9km, 5km,
Error ellipse: s-maj=11.9km s-min=5.2km az=135.6

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DED, GULE, etc.

ISCJB 03 15:08:33.2, 0.9, 43.66S; 173.04E; 0.05, h7km, 7km,
mb3.5/2, Error ellipse: s-maj=8.8km s-min=3.4km
az=136.8

IDC 03 15:08:36.0; 1.5, 43.25S; 172.72E, h0km, mb3.7/2,
mb1 3.9/3, mb1mx3.7/17, mbtimp3.7/3, ML3.8/1, Error
ellipse: s-maj=47.5km s-min=25.3km az=153.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MCQueen's Vall, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like Kahutara, Rata Peaks, Incheon Valley, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like Waipukurau, Pukeiti, Mangateitei, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other technical details. Includes stations like ARAO, ARCES, ARES, etc.

3d 16h

NEIC 03 16:06:07.0.7.21.23S:67.44W, h173km, 8km, mb4.1/1, Error ellipse: s-maj=13.3km s-min=10.2km az=83.0, SJA 03 16:06:07.0.7.21.30S:67.44W, h170km, 3km, ML3.0, MW2.9

GUC 03 16:06:08.0.5.21.28S:68.07W, h205km, 6km, ML4.1 ISC 03 16:06:07.2.0.8.21.22S:0.05:67.51W, 0.06, h169km, 9km, n24, c1937/37, mb4.0/3.6, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data for the 3d 16h period.

IDC 03 16:22:09.3.2.9.7.40S: 107.95E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/39, mbtmp3.6/4, Error ellipse: s-maj=168.5km s-min=24.6km az=51.0, DJA 03 16:22:12.7.0.3.8.3S:3.10E, h45km, M4.6/7, mb4.9/1, ML4.5/7

ISC 03 16:22:08.8.2.4.8.37S:0.09:107.10E:0.06, h9km, 13km, n30, c2804/34, mb3.5/4, Jawa

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data for the 3d 16h period.

NIED 03 16:32:00.37.00N:141.50E, h5km, Mw4.3 Best double couple: Mo2.77000x1015 NP1z=21.00000, d38.00000, lambda=98.00000, NP2phi=211.00000, delta2.00000, lambda=84.00000

IDC 03 16:32:26.8.0.6.37.06N:141.23E, h0km, mb4.2/21, mb1 4.2/26, mb1mx4.2/45, mbtmp4.1/26, ML3.3/5, MS3.4/19, M1 3.4/19, ms1mx3.3/36, Error ellipse: s-maj=16.8km s-min=12.7km az=114.0

JMA 03 16:32:27.6.0.1.37.05N:141.04E, h25km, 1km, M4.5 JMA Feat 1/1

ISCJB 03 16:32:27.6.0.8.37.06N:141.141E:0.05, h18km, 5km, mb4.3/36, MS3.5/16, Error ellipse: s-maj=6.6km s-min=4.3km az=305.2

NEIC 03 16:32:28.4.1.9.37.15N:141.29E, h9km, 12km, mb4.5/6, Error ellipse: s-maj=6.9km s-min=4.4km az=147.0

NEIC Recorded (1 JMA) in Fukushima and Miyagi. MOS 03 16:32:33.2.0.9.37.43N:141.04E, h39km, 8.5/23, Error ellipse: s-maj=9.9km s-min=6.9km az=99.0

2011 AUG

ISC 03 16:32:28.7.1.0.37.10N:0.04:141.33E:0.04, h13km, 5km, n123, c1969/134, mb4.4/36, MS3.5/17.2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data for the 2011 AUG period.

138

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data for the 138 period.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KWP, BRTR, OJC, NIE, etc.

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

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

ATH 03 16:35:29.5, 39.44N-26.18E, h2km, 2km, ML2.3/4, Error ellipse: s-maj=3.1km s-min=1.0km az=232.0

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

NIED 03 17:01:00.37, 10N, 141.40E, h5km, Mw3.4 Best double couple: M1:360000104, N1:360000000, 840.00000, 1-117.00000, NP2:214.00000, 855.00000, 1-69.00000

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

MEX 03 17:41:06.8-0.4, 16.26N-95.92W, h57km, 10km, MD3.5, Oaxaca

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

KRSC 03 17:42:53.8-0.8, 55.22N-162.59E, h47km, 19km, ML3.7, Near east coast of Kamchatka Peninsula

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

MEX 03 16:52:09.8-0.4, 14.21N-92.64W, h21km, 41km, MD3.8, Near coast of Chiapas

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

MAN 03 17:13:51, 10.01N-122.24E, h78km, mb4.2, ML3.1, MS2.8, 2C-1D, Panay

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

KRSC 03 17:55:43.0-1.7, 55.23N-162.63E, h54km, 16km, ML4.4, ISCJB 03 17:55:45.1-0.4, 55.24N-162.63E, h58km, 33km, mb3.5/12, Ms1.3/0.8, ms1mx2.5/4.0, mbtmpp3.8/13, ML2.6/1, MS3.0/8, MS1.3/0.8, ms1mx2.8/3.9, Error ellipse: s-maj=22.2km s-min=14.6km az=137.0

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

ISC 03 17:54:05.1-0.5, 33.85N-105.87E, 0.1, h33km, mb3.7/7, MS3.3/2, Error ellipse: s-maj=15.0km s-min=7.7km az=176.9

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

ISC 03 17:34:22.2-1.1, 58.3S-0.2-2W-0.3, h107km, mb4.0/5, Error ellipse: s-maj=28.5km s-min=20.5km az=39.0

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BDR Baidarnaya, SRKR Sorokina, KZK Kozyrevsk, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OTVZ Oturere, MRHZ Matea Rd, TRVZ Tukino, etc.

NNC 03 17:57:33.91 ± 1.36772N, 71°11'E, h128km, 41km, mb3.0, mpv3.8, 4C-2D, Error ellipse: s-maj=17.7km, s-min=13.1km az=77.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MNAS Manas, KK31 Karatay Arr, AAK Ala-Archa, etc.

ZALV Zalesovo Beam 43.50 329 P 18 20 01.1 -0.3
ASAR Alice Springs 45.56 14 P 18 20 18.1 0.0

IPEC 03 18:15:59.9, 0.3, 51°27'N, 19°08'E, h0km, ML2.1/3, Error ellipse: s-maj=1.8km s-min=1.2km az=5.0
CSEM 03 18:16:00.2, 0.5, 51°22'N, 18°96'E, h2km, ML3.1/5, Error ellipse: s-maj=8.9km s-min=4.3km az=14.0
PRU 03 18:16:00.2, 2.2, 51°22'N, 18°95'E, h0km, Belchatow ISC 03 18:16:00.2, 2.2, 51°22'N, 18°96'E, 0.04, h0km, n20, c057/35, 1D, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OJC Ojcow, OKC Ostrava-Krasne, MORC Moravsky Berou, etc.

IDC 03 18:20:04.1 ± 2.8, 31°38'N, 142°27'E, h0km, mb3.5/3, mb1 3.6/6, mb1mx3.4/1, mbtmp3.5/6, ML3.3/3, Error ellipse: s-maj=86.4km s-min=25.4km az=69.0, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JHJ Hachioji jima 2, MJAR Matsushiro Arr, SONM Sogino Array, etc.

CSEM 03 18:48:44.0 ± 0.9, 38°39'N, 40°78'E, h10km, MD2.4, Error ellipse: s-maj=17.6km s-min=9.8km az=136.0
ISK 03 18:48:45.3, 38°39'N, 40°74'E, h12km, MD2.4, ISCJB 03 18:48:46.1 ± 0.8, 38°39'N, 40°05.0, 46.5, h5km, 7km, Error ellipse: s-maj=8.4km s-min=5.3km az=161.5
DDA 03 18:48:46.4, 39°00'N, 40°69'E, h12km, MD2.6
ISC 03 18:48:45.3 ± 1.0, 38°39'N, 40°05.0, 46.5, h12km, h12km, 5km, n11, c107/22, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BGOL Bingol, YEDI Yedisu-Bingol, TUNCL Tuncel-Merkez, etc.

IDC 03 18:53:27.1 ± 1.9, 36°36'N, 142°10'E, h0km, mb3.4/5, mb1 3.6/6, mb1mx3.4/2, mbtmp3.4/6, ML3.3/1, Error ellipse: s-maj=51.9km s-min=21.7km az=57.0
JMA 03 18:53:31.5 ± 0.1, 36°38'N, 141°79'E, h64km, 2km, M3.0
ISC 03 18:53:30.9 ± 1.2, 36°38'N, 141°81'E, 0.09, h19km, n22, c088/118, mb3.5/5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CHJO Chosi, ONAJ Onaj, JMM Marumori, etc.

WEL 03 17:56:19.2 ± 0.3, 38°56'S, 175°74'E, h153km, 3km, ML3.5/30, 16C-7D, Error ellipse: s-maj=1.7km s-min=1.6km az=90.0, North Island
Code Station Name Azimuth Elevation Phase ID Time Res
KRZV Karewarewa 0.45 190 Pn 17 56 40.8 0.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Gudauri, Gudi, Fines, Obninsk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Phet, Chbt, Cisi, Cismop, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ramn, Ramite, Jbp, Jbp, etc.

BJI 03 20:02:14.6, 0.67N:98.82E, h82km, mb5.1/71, mB5.1/49, Ms4.6/47, Ms7.7/45

CHTO Chiang Mai 17.71 1 P P 20 06 19.5 -0.4

RAMN Ramite 28.33 337 eP P 20 08 06.5 +1.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Mnsi, Gsi, Ppsi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Bwnr, Mksi, Lwui, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Nj2, Nj2, Nj2, etc.

Table of station data for the left column, including station names like SPA0, HSPB, HSBP, and various codes and times.

Table of station data for the middle column, including station names like ACAN, ASAL, ASAL, and various codes and times.

Table of station data for the right column, including station names like ellipse, CSEM, KOLA, and various codes and times.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Rieikki, Apatity Array, and various subarrays.

IDC 03 20:28:39.8-16.0, 19.23S-176.96W, h324km, m163km, mb3.4/4, mb1 3.6/4, mb1mx3.1/30, mbtmp4.1/4, Error ellipse: s-maj=143.9km s-min=41.9km az=167.0, Fijj Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Stephens Creek, Warramunga Arr, Alice Springs, etc.

IDC 03 20:29:10.1-24.0, 51.51N-173.68W, h0km, mb3.6/3, mb1 3.5/4, mb1mx3.2/67, mbtmp3.4/4, ML3.8/1, Error ellipse: s-maj=586.0km s-min=44.0km az=159.0

ISCJB 03 20:29:13.2-1.1, 51.17N-170.09E, h35km, mb3.6/3, Error ellipse: s-maj=12.6km s-min=7.1km az=168.4

NEIC 03 20:29:15.4, 51.33N-174.02W, h28km, ML3.1(AEIC), After AEIC

ISC 03 20:29:14.9-1.4, 51.33N-173.90W-0.06, h35km, n24, e15/22, mb3.5/3, Andeanof Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Korovin Flat P, KOKL, KOSE, etc.

ISCJB 03 20:37:33.8-0.4, 37.61N-0.04-70.30E-0.05, h10km, mb3.9/15, MS4.6/2, Error ellipse: s-maj=6.6km s-min=4.4km az=142.8

IDC 03 20:37:34.3-1.2, 37.59N-70.36E, h0km, mb3.9/14, mb1 4.1/21, mb1mx3.9/65, mbtmp4.0/21, ML3.7/7, MS4.5/2, Ms1 4.5/2, ms1mx3.2/51, Error ellipse: s-maj=23.3km s-min=12.0km az=165.0

NEIC 03 20:37:36.5-0.0, 37.69N-70.26E, h10km, 30km, mb4.3/3, Error ellipse: s-maj=17.1km s-min=7.7km az=187.0

NNC 03 20:37:38.4-2.2, 37.85N-70.25E, h3km, 9km, mb4.5, mp4.2, Error ellipse: s-maj=18.3km s-min=12.8km az=153.0

ISC 03 20:37:38.0-0.5, 37.47N-0.04-70.28E-0.05, h10km, n60, e208/70, mb4.0/15, 9C-10D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CEP, ChCPC, THW, MNAS, etc.

ILAR Eielson Array 74.00 16 P P 20 49 10.1 -0.1 comp=2.0, 4nm, 0.7s, baz=315, slow=5.6, SNR=4.3

YKA Yellowknife Arr 80.30 2 P P 20 49 45.9 +0.4 comp=2.1, 4nm, 0.7s, baz=351, slow=5.6, SNR=9.0

MOS 03 20:39:36.0-1.4, 16.15S-167.87E, h165km, mb4.8/10, Error ellipse: s-maj=11.4km s-min=9.1km az=31.6

IDC 03 20:39:37.3-1.0, 16.15S-167.90E, h168km, 7km, mb4.3/22, mb1 4.4/25, mb1mx3.4/40, mbtmp4.8/25, MS3.7/1, Ms1 3.7/1, ms1mx3.0/32, Error ellipse: s-maj=12.5km s-min=9.6km az=80.0

BUI 03 20:39:38.0, 16.20S-167.90E, h192km, mb4.7/41, mb5.0/34

ISCJB 03 20:39:38.6-1.0, 16.20S-0.04-167.86E-0.04, h196km, 9km, mb4.8/85, Error ellipse: s-maj=7.3km s-min=5.2km az=149.3

GCMT 03 20:39:39.8-0.2, 16.09S-167.76E, h181km, 2km, MW5.1/95, Moment Tensor Solution, s35, c39; s95, c138; Duration: 0 Moment tensor: Scale 10^19Nm; Mr1.64z.17; Mw2.38z.17; Mw-4.0z.17; Me-1.56z.14; Mw3.6z.16; Mw-3.2z.14; Best double couple: M1.6700x10^16

NP1: 196.00000, 879.00000, 141.00000 NP2: 295.00000, 852.00000, 14.00000 Principal axes: T 5.9610, Plg35.0000, Azm148.0000; N 0.4130, Plg5.0000, Azm2.0000; P -6.3740, Plg17.0000, Azm250.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s

NEIC 03 20:39:39.0-0.4, 16.173S-167.88E, h192km, 3km, mb5.0/52 Error ellipse: s-maj=5.0km s-min=4.0km az=69.0

ISC 03 20:39:38.9-0.8, 16.19S-0.05-167.89E-0.06, h186km, 5km, n319, e1942/329, mb5.0/84, 7C-6D, Vanuatu Islands

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

3d 20h

Table of flight data for the 3d 20h period, including columns for airline, flight number, status, and time.

2011 AUG

Main table of flight data for August 2011, listing various airlines, flight numbers, and their respective statuses.

Continuation of the flight data table for August 2011, listing airlines, flight numbers, and statuses.

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

ISCJB 03 21:33:54.2, 0.6, 7.77N, 0.03, 73.00W, 0.03, h167km, 2km, mb4.3/50, Error ellipse: s-maj=5.6km s-min=3.2km

FUNV 03 21:33:55.5, 6.78N, 73.15W, h168km, MV4.2, NEIC 03 21:33:55.4, 0.4, 6.74N, 72.94W, h161km, 5km, mb4.3/40, Error ellipse: s-maj=10.6km s-min=6.3km az=125.0

NEIC Felt at Cucuta, IDC 03 21:33:55.1, 0.6, 6.75N, 72.96W, h160km, 6km, mb3.7/9, mb1.4, 0.1/4, mb1mx3.7/39, mbtmp4.3/14, Error ellipse: s-maj=15.0km s-min=7.2km az=135.0

RSNC 03 21:33:56.0, 9.6, 6.78N, 73.12W, h151km, 6km, ML4.4, ISC 03 21:33:54.6, 0.6, 6.84N, 0.04, 73.06W, 0.04, h150km, 5km, n316, e120/341, mb4.3/50, 4C-10D, Northern Colombia

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

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

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

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like K31A O'Neill, J32A Parkston, SDCO Great Sand Dun, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like YBH Yreka Blue Hor, C09A Chrisman Ranch, J04A Umpqua Natona, etc.

ISCJB 03 21:38:00.0.0.5.50:12N.0.04:19.02E:0.03,h0km, Error ellipse: s-maj=5.5km s-min=2.5km az=11.5

WAR 03 21:38:01.6.50:07N.19.17E,h1km,Mw2.7 PRU 03 21:38:01.9.50:11N.19.09E,h0km

ISEP 03 21:38:01.4.0.2.50:08N.19.15E,h0km,ML1.5/3, Error ellipse: s-maj=2.8km s-min=1.0km az=162.0

CSEM 03 21:38:01.2.0.2.50:11N.19.08E,h2km,ML2.5/7, Error ellipse: s-maj=5.3km s-min=2.3km az=7.0

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

JMA 03 21:40:12.2.0.1.28:91N:131.15E,h47km,M3.5, Southeast of Ryukyu Islands

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

ISCJB 03 21:41:18.0.0.3.21:62N.0.04:142.95E:0.06,h311km, mb4.1/37, Error ellipse: s-maj=8.1km s-min=4.7km az=168.6

NEIC 03 21:41:19.1.1.2.21:60N:142.98E,h307km,6km,mb4.4/23, Error ellipse: s-maj=17.0km s-min=12.9km az=113.0

IDC 03 21:41:19.1.1.9.21:64N:143.04E,h312km,19km, mb3.6/21, mb1 3.8/25, mb1mx3.7/54, mbtmp4.4/25, Error ellipse: s-maj=15.4km s-min=8.2km az=82.0

ISC 03 21:41:19.3.0.4.21:69N.0.06:142.99E:0.09,h311km,n85, r:458/91, mb4.2/36, Mariana Islands region

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

comp=Z,6.1nm,0.6s,baz=329,slow=2.3,SNR=28
LPAZ La Paz 150.11 85 ePKPdf PKPdf 22 00 30.4 +0.7

ISCJB 03 21:43:32.9,0.6,25.3N,0.1,123.45E,0.07,h168km,±10km,
mb3.7/3, Error ellipse: s-maj=20.6km s-min=7.8km
az=162.8
JMA 03 21:43:34.2,0.2,25.11N,123.41E,h170km,4km,M3.9
IDC 03 21:43:46.6,23.0,25.98N,123.74E,h25km,14km,
mb3.3,mb1 3.4/5,mb1mx3.0/5.0,mbtmp4.0/5, Error
ellipse: s-maj=22.1km s-min=34.6km az=176.0
ISC 03 21:43:33.5,0.9,25.3N,0.1,123.44E,0.08,h166km,±14km,
n18,e076/27,mb3.73,Northeast of Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Yonaguni jima, Yonagunijimaku, Iriomote-Funau, etc.

ISCJB 03 21:44:08.5,0.3,18.23S,0.05,177.96W,0.06,h500km,
mb4.5/45, Error ellipse: s-maj=8.3km s-min=6.4km
az=26.4
NEIC 03 21:44:08.2,4.18,16S,177.99W,h490km,7km,mb4.7/33,
Error ellipse: s-maj=18.4km s-min=15.8km az=119.0
IDC 03 21:44:08.5,1.8,18.19S,177.95W,h488km,20km,
mb3.6/11,mb1 3.8/12,mb1mx3.5/35,mbtmp4.5/12, Error
ellipse: s-maj=16.7km s-min=13.1km az=152.0
BJI 03 21:44:12.0,17.72S,178.33W,h503km,mb4.3/17,
mb4.8/10

ISC 03 21:44:09.4,0.4,18.25S,0.07,177.85W,0.07,h500km,
n112,e192/124,mb4.7/45,7C-47,Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Nonsavu, Afiamalu, Funafuti, etc.

ISCJB 03 21:45:08.5,0.3,18.23S,0.05,177.96W,0.06,h500km,
mb4.5/45, Error ellipse: s-maj=8.3km s-min=6.4km
az=26.4
NEIC 03 21:44:08.2,4.18,16S,177.99W,h490km,7km,mb4.7/33,
Error ellipse: s-maj=18.4km s-min=15.8km az=119.0
IDC 03 21:44:08.5,1.8,18.19S,177.95W,h488km,20km,
mb3.6/11,mb1 3.8/12,mb1mx3.5/35,mbtmp4.5/12, Error
ellipse: s-maj=16.7km s-min=13.1km az=152.0
BJI 03 21:44:12.0,17.72S,178.33W,h503km,mb4.3/17,
mb4.8/10

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Warramunga Arr, Warramunga Arr, Warramunga Arr, etc.

Table with columns: C/N2, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Changchun, Ragged Mountain, Enshi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Makanchi Array, Kashi, Kashi, etc.

ISCJB 03 21:50:17.1,1.1,11.51S,165.05E,h0km,mb4.2/11,
mb1 4.4/14,mb1mx4.2/32,mbtmp3.4/14,MLJ 4.3/3,MS3.5/4,
M51 3.5/4,ms1mx3.0/30, Error ellipse: s-maj=32.4km
s-min=20.1km az=116.0
ISCJB 03 21:50:20.0,0.4,11.61S,0.06,164.88E,0.07,h34km,
mb4.2/22,MS3.5/4, Error ellipse: s-maj=9.8km
s-min=8.3km az=153.6
NEIC 03 21:50:22.6,1.3,11.55S,164.97E,h35km,11km,mb4.6/9,
Error ellipse: s-maj=10.5km s-min=9.0km az=106.0
ISC 03 21:50:22.5,0.5,11.62S,0.07,164.87E,0.08,h34km,n56,
e1508/56,mb4.5/22,MS3.4/3,1C,Santa Cruz Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Charters Tower, Stephens Creek, WAKE ISLAND Hy, etc.

WEL 03 22:05:24.8,0.8,35.32S,178.21E,h193km,10km,ML3.6/8,
Error ellipse: s-maj=13.3km s-min=11.3km az=0.0, Off
east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Taha, Waomatatini S, Pakihoro, etc.

JMA 03 22:13:14.1,0.2,37.36N,142.34E,h18km,3km,M3.7, Off
east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Kawauchi, Iwakimizuishiy, Marumori, etc.

ISCJB 03 22:29:42.1,2.0,17.55S,176.83W,h0km,mb3.9/5,
mb1 4.3/5,mb1mx3.8/38,mbtmp3.9/5,MS4.2/3,Ms1 4.2/3,
ms1mx3.7/37, Error ellipse: s-maj=123.8km s-min=24.2km
az=153.0

ISCJB 03 22:52:0.6,0.6,17.9S,0.2,176.8W,0.1,h100km,
mb4.3/10, Error ellipse: s-maj=23.8km s-min=13.0km
az=159.2

NEIC 03 22:52.5,2.6,17.76S,176.85W,h95km,22km,mb4.6/4,
Error ellipse: s-maj=24.2km s-min=15.9km az=136.0

ISC 03 22:54.0,0.7,17.8S,0.2,176.9W,0.1,h100km,n47,
e1948/40,mb4.2/10,6C-7D,Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Nonsavu, Raoul Island, Mont Dzumac, etc.

PGC 03 22:31:59.2, 0.4, 63.87N; 138.40W, h10km, ML4, 1/10, 54km east of Dawson, Yt Southern Yukon Territory, Canada

NEIC 03 22:31:59.2, 63.87N; 138.40W, h10km, ML3.9(AEIC), ML4.0(OTT), After OTT

ISC 03 22:31:57.3, 1.1, 63.94N; 0.003; 138.32W; 0.003, h9km, 9km, n75, c1879/111, Southern Yukon Territory

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Dawson, Eagle, Beaver Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DHAK, FID, SML, TRF, etc.

NIED 03 22:33:00.38; 30N; 142.00E, h44km, Mw4.0. Best double couple: M1.30000-1.015, NP1.309 00000, 831.00000; 1.9, 0.00000; NP2.211.00000; 885.00000; 1.2, 0.00000; ISC:JB 03 22:33:40.9, 0.6, 38.25N; 0.043; 142.11E; 0.15, h41km, mb3.9/10, Error ellipse: s-maj=5.6km s-min=4.6km az=21.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JIO, OURI, OFU, etc.

ISC 03 22:33:42.0, 0.8, 38.25N; 0.043; 142.09E; 0.07, h41km, n36, c093/42, mb3.8/10, Near east coast of eastern Honshu, Japan

MJAR 7.8min, 0.3s, baz=69, slow=11, SNR=45

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MJAR, MAT, JHU, etc.

BUI 03 22:39:19.0, 5.05S; 148.49E, h10km, mb5.3/68, mb5.8/78, Ms5.5/85, Ms7.5/81

ISC:JB 03 22:39:21.6, 0.8, 5.05S; 0.02; 148.14E; 0.02, h11km, 4km, mb5.7/27, Ms5.5/433, Error ellipse: s-maj=3.5km s-min=3.1km az=11.3

NEIC 03 22:39:23.0, 0.1, 5.05S; 148.16E, h10km, Moment Tensor Solution. s-maj=3.5km s-min=3.1km az=11.3

Mn-3.73; 0.05; Mo-2.61; 0.04; Mw-1.12; 0.05; Mw-0.60; 0.13; Mw-3.70; 0.04; Mw-0.38; 1.4; Best double couple; Mw-4.7000x1017 NP1.307 00000; 849.00000; 1.86.00000; NP2.2132.00000; 841.00000; 1.94.00000; Principal axes: T 3.7880, Plg85.0000, Azm187.0000; N 1.9050, Plg3.0000, Azm309.0000; P -5.6920, Plg4.0000, Azm39.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. NEIC 03 22:39:23.0, 0.1, 5.05S; 148.16E, h10km, mb5.8/191, Ms5.5/299, Mw5.7, Mw5.7 Error ellipse: s-maj=3.5km s-min=3.0km az=100.0, Moment Tensor Solution. s18 Moment tensor: Scale 1017Nm; M1.91; Mw-2.27; Mw-0.36; Mw-0.40; Mw-2.44; Mw-2.72; Best double couple: Mw-4.20000x1017 NP1.157.00000; 869.00000; 1.135.00000; NP2.267.00000; 849.00000; 1.28.00000; Principal axes: T 4.4700, Plg46.0000, Azm113.0000; N -0.5100, Plg41.0000, Azm318.0000; P -3.9600, Plg12.0000; Azm216.0000; MOS 03 22:39:25.5, 1.1, 5.02S; 148.11E, h39km, mb5.9/49, Ms5.1/60 Error ellipse: s-maj=7.6km s-min=4.9km az=98.6

ICD 03 22:39:27.4, 1.5, 5.10S; 148.21E, h46km, 14km, mb5.0/28, mb1.5/134, mb1mxs.0/41, mbtmp.2/34, Ms1.1/4, Ms5.0/26, Ms1.5/0.26, Ms1mxs.9/35, Error ellipse: s-maj=14.3km s-min=7.2km az=104.0

DJA 03 22:39:28.4, 0.5, 5.2, 1.4'E, h52km, 5km, Ms.7/39, mb5.5/39, mb6.1/29, MLV.5/91, Mw(MB).5/29

ISC 03 22:39:25.0, 0.4, 5.09S; 0.03; 148.23E; 0.03, h25km, 2km, h24km; p-P, n1305, c1871/1214, mb5.8/281, Ms5.5/437, 43C-200, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MANU, RABL, PMG, etc.

DAV	baz=26,SNR=14	25.63 298	PFAKE	LR	22 45 00.0	+7.2
DAV	comp=Z,4um,22.0s					
LUWI	25.73 278	P	P		22 44 56.4	+2.6
LUWI	comp=Z,665nm,1.0s,comp=Z,10um					
LUWI	25.73 278	eP	P		22 44 55.1	+1.3
LUWI	comp=Z,686nm,1.0s					
GTOI	25.82 282	P	P		22 44 55.4	+0.8
GTOI	comp=Z,607nm,2.3s,comp=Z,10um					
MMRI	26.04 261	P	P		22 44 55.2	-1.4
MMRI	comp=Z,136nm,1.6s,comp=Z,4um					
MMRI	26.04 261	eP	P		22 44 57.3	+0.7
MMRI	comp=Z,147nm,1.0s			LR		
CMSA	26.42 185	P	P		22 44 59.8	0.0
CMSA	comp=Z,6um,21.0s					
EDFI	26.59 261	P	P		22 45 00.4	-1.3
EDFI	Ende, Flores					
MRSI	26.83 281	P	P		22 45 04.7	+1.0
MRSI	Marisa					
CTBH	26.87 297	P	P		22 45 05.6	+1.5
CTBH	Cotabato-PC H					
STKA	27.36 192	P	P		22 45 07.9	-0.5
STKA	Stephens Creek					
STKA	comp=Z,25nm,0.8s,comp=Z,3.3s,slow=8.8,SNR=24			LR	22 56 55.9	
STKA	27.36 192	P	P		22 45 07.7	-0.6
STKA	comp=Z,10um,19.1s,comp=Z,10um,19.1s,slow=38					
STKA	27.36 192	eP	P		22 45 08.0	-0.3
STKA	Stephens Creek					
STKA	comp=Z,104nm,1.9s					
WRKA	27.56 222	P	P		22 45 09.6	-0.6
WRKA	Warakurna					
BSSI	27.62 266	P	P		22 45 09.9	-1.0
BSSI	Bau Bau, Buton					
BSSI	28.06 259	P	P		22 45 15.9	+1.1
BSSI	Wainagao					
BSSI	comp=Z,636nm,0.9s,comp=Z,12um					
MGCD	28.11 175	P	P		22 45 16.0	+1.0
MGCD	Mangrove Creek					
KAPI	28.36 269	eP	P		22 45 18.6	+1.1
KAPI	Kappang					
KAPI	comp=Z,65nm,1.3s			LR		
SPSI	28.39 271	P	P		22 45 19.4	+1.7
SPSI	Sidrap Palu					
SPSI	comp=Z,30nm,0.8s,comp=Z,1um					
PCI	28.65 277	P	P		22 45 21.6	+1.6
PCI	Palu					
PCI	comp=Z,300nm,1.1s,comp=Z,4um					
H11S3	29.67 37	T	T		23 16 30.6	
H11S3	WAKE ISLAND Hy 29.67 37					
H11S2	29.68 37	T	T		23 16 31.2	
H11S2	WAKE ISLAND Hy 29.68 37					
H11S1	29.69 37	T	T		23 16 34.0	
H11S1	WAKE ISLAND Hy 29.69 37					
BBOO	29.83 201	eP	P		22 45 30.7	+0.4
BBOO	Buecklebo					
BBOO	comp=Z,55nm,1.0s			LR		
CAN	30.09 179	eP	P		22 45 33.2	+0.5
CAN	Canberra					
CAN	comp=Z,330nm,1.7s			pmax		
CAN	30.09 179	eP	P		22 45 33.1	+0.5
CAN	Canberra					
CAN	comp=Z,330nm,1.7s			LR		
WAKE	30.26 36	PFAKE	LR		22 45 50.0	+1.6
WAKE	Wake Island					
H11N1	30.73 36	T	T		23 17 51.7	
H11N1	WAKE ISLAND Hy 30.73 36					
H11N3	30.75 36	T	T		23 17 52.1	
H11N3	WAKE ISLAND Hy 30.75 36					
H11N2	30.75 36	T	T		23 17 52.7	
H11N2	WAKE ISLAND Hy 30.75 36					
MYLDM	31.39 289	eP	P		22 45 45.2	+0.9
MYLDM	Lahad Datu					
MYLDM	comp=Z,586nm,1.3s			LR		
MYLDM	31.39 289	eP	P		22 45 43.1	-1.2
MYLDM	Lahad Datu					
MYLDM	comp=Z,7um,18.0s					
TSM	31.72 287	P	P		22 45 45.6	-1.6
TSM	Tawau					
MSVF	31.75 116	eP	P		22 45 48.3	+0.8
MSVF	Nonsavu					
MSVF	comp=Z,63nm,0.8s			pmax		
MSVF	31.75 116	eP	P		22 45 48.3	+0.8
MSVF	Nonsavu					
MSVF	comp=Z,63nm,0.8s			LR		
FORT	31.83 214	eP	P		22 45 47.6	-0.3
FORT	Forrest					
FORT	comp=Z,3um,18.0s			LR		
FORT	31.83 214	eP	P		22 45 47.6	-0.3
FORT	Forrest					
FORT	comp=Z,2um,0.7s			LR		
MBWA	31.92 237	eP	P		22 45 48.7	-0.2
MBWA	Marble Bar					
MBWA	comp=Z,143nm,1.2s			LR		
SDKM	32.77 289	eP	P		22 45 57.7	+1.2
SDKM	Sandakan					
SDKM	comp=Z,9um,19.0s					
SGKY	33.12 305	LR	LR		22 58 42.0	
SGKY	Tagaytay City					
BBKI	33.33 271	P	P		22 46 02.9	+1.6
BBKI	Bandar Baru					
BBKI	comp=Z,1um,19.9s,comp=Z,13s,slow=35					
KDM	33.52 291	eP	P		22 46 05.8	+2.8
KDM	Kudat					
KDM	comp=Z,41nm,0.8s,comp=Z,3um					
KKM	33.82 289	eP	P		22 46 07.8	+1.8
KKM	Kota Kinabalu					
KKM	comp=Z,291nm,1.3s					
KKM	33.82 289	eP	P		22 46 05.3	-0.4
KKM	Kota Kinabalu					
JAGI	33.99 262	P	P		22 46 07.8	+0.7
JAGI	Jajag, Banyuwya					
JAGI	comp=Z,85nm,1.3s					
JAGI	33.99 262	eP	P		22 46 08.2	+1.0
JAGI	Jajag, Banyuwya					
JAGI	comp=Z,69nm,0.9s			LR		
BTM	36.06 282	eP	P		22 46 25.9	+0.9
BTM	Bitulu					
SBUM	36.74 281	eP	P		22 46 31.5	+0.7
SBUM	Sibu					
SBUM	comp=Z,255nm,1.9s					
SBUM	36.74 281	eP	P		22 46 31.7	+0.9
SBUM	Sibu					
STKI	37.06 277	P	P		22 46 34.8	+1.3
STKI	Sintang					
UGM	37.56 284	PFAKE	LR		22 46 50.0	+1.2
UGM	Wanagama					
TAU	37.67 181	eP	P		22 46 39.5	+1.3
TAU	Tasmania Unive					
TAU	comp=Z,190nm,1.6s			pmax		
TAU	37.67 181	eP	P		22 46 39.5	+1.3
TAU	Tasmania Unive					
TAU	comp=Z,187nm,1.6s			LR		
Ouz	38.05 145	eP	P		22 46 43.3	+1.8
Ouz	Omahuta					
Ouz	comp=Z,10um,19.0s			LR		
Ouz	38.05 145	eP	P		22 46 43.3	+1.8
Ouz	Omahuta					
Ouz	comp=Z,129nm,1.3s			LR		
YOJ	38.28 321	eP	P		22 46 43.7	+0.1
YOJ	Yonaguni jima					
YOJ	comp=Z,6um,18.0s			pmax		
YOJ	38.28 321	eP	P		22 46 43.7	+0.1
YOJ	Yonaguni jima					
YOJ	comp=Z,720nm,1.3s					
KSM	38.43 279	eP	P		22 46 47.4	+2.2
KSM	Kuching					
KSM	comp=Z,161nm,1.5s			LR		
KSM	38.63 318	eP	P		22 46 46.0	-0.6
KSM	Yuli					
KSM	comp=Z,2um,19.0s					
NACB	38.98 319	eP	P		22 46 49.0	-0.4
NACB	Ninganchiao					
NACB	comp=Z,473nm,1.9s					
TPUB	39.02 317	eP	P		22 46 47.6	-2.2
TPUB	Ta-pu					
TPUB	comp=Z,749nm,1.6s			LR		
TPUB	39.02 317	eP	P		22 46 47.6	-2.2
TPUB	Ta-pu					
TPUB	comp=Z,278nm,1.9s			LR		
SSLB	39.13 318	eP	P		22 46 49.6	-1.2
SSLB	Suanglung					
SSLB	comp=Z,2um,19.0s			LR		
SSLB	39.13 318	eP	P		22 46 49.6	-1.2
SSLB	Suanglung					
SSLB	comp=Z,292nm,2.0s			LR		
YHNB	39.47 320	eP	P		22 46 52.9	-0.8
YHNB	Yeheng					
YHNB	comp=Z,574nm,1.2s					
Taipei	39.61 320	P	P		22 46 55.1	+0.3
Taipei	Taipei					
Taipei	SNR=27					
Taipei	39.61 320	P	P		22 46 55.1	+0.3
Taipei	Taipei					
Taipei	SNR=27					
Taipei	39.61 320	eP	P		22 46 54.6	-0.1
Taipei	Taipei					
Taipei	comp=Z,589nm,1.1s			LR		
NWAO	40.02 222	PFAKE	LR		22 47 10.0	+1.2
NWAO	Narrogin (SRO)					
NWAO	comp=Z,4um,20.0s			LR		
CISI	40.23 264	P	P		22 46 58.5	-1.7
CISI	Cisompel, Garu					
CISI	40.23 264	eP	P		22 46 59.2	-0.9
CISI	Cisompel, Garu					
CISI	comp=Z,229nm,0.8s			LR		
CISI	40.23 264	eP	P		22 47 01.8	+0.6
CISI	Afiamalau					
AFI	40.35 105	eP	P		22 47 01.8	+0.6
AFI	Afiamalau					
AFI	comp=Z,98nm,1.2s			pmax		

AFI	40.35 105	eP	P		22 47 01.8	+0.6
AFI	Afiamalau					
AFI	comp=Z,98nm,1.2s					
LEM	40.42 265	P	P		22 47 03.3	+1.4
LEM	Lembang					
CNZJ	40.91 265	P	P		22 47 05.6	-0.1
CNZJ	Cibinong					
CNZJ	41.13 148	eP	P		22 47 09.4	+2.2
CNZJ	Hauti					
CNZJ	comp=Z,367nm,1.9s					
HIZ	41.41 338	LR	LR		22 47 08.8	-0.7
HIZ	comp=Z,5um,19.0s					
JNU	41.41 338	eP	P		22 47 08.9	-0.7
JNU	Nakatsue					
JNU	comp=Z,45nm,0.8s,comp=Z,143s,slow=5.0,SNR=26					
SKJI	41.47 265	P	P		22 47 06.6	-3.8
SKJI	Sukabumi					
OZH	41.49 317	P	P		22 47 09.7	-0.6
OZH	Qanzhou					
OZH	comp=Z,920nm,1.6s			pmax		
OZH	41.49 317	P	P		22 47 09.7	-0.6
OZH	Qanzhou					
OZH	comp=Z,3um,3.5s			LR		
OZH	41.49 317	P	P		22 45 07.9	-0.5
OZH	Qanzhou					
OZH	comp=Z,2um,16.3s			LR		
OZH	41.49 317	P	P		22 45 07.7	-0.6
OZH	Qanzhou					
OZH	comp=Z,2um,15.6s			LR		
INU	41.58 346	eP	P		22 47 09.3	-1.6
INU	Inuyama					
INU	comp=Z,346nm,1.5s					
URZ	42.19 146	PFAKE	LR		22 47 30.0	+1.4
URZ	Urewera					
URZ	comp=Z,4um,20.0s					
MJAR	42.46 348	P	P		22 47 16.1	-2.0
MJAR	Matsushiro Arr					
MJAR	comp=Z,21nm,1.0s,comp=Z,165s,slow=7.5,SNR=36					
MJAR	42.46 348	eP	P		22 47 16.1	-2.0
MJAR	Matsushiro Arr					
MJAR	comp=Z,20nm,1.0s			pmax		
MJAR	42.46 348	eP	P		22 47 16.8	-1.3
MJAR	Matsushiro					

2011 AUG

3d 22h	Inuvik	90.37	21	eP	P	22 52 23.8	+0.1
JCC	Jacoby Creek	91.58	49	PFAKE	LR	22 52 40.0	+1.0
KRMB	Red Mountain	91.74	49	eP	P	22 52 32.3	+1.4
KMRM	Mali Ridge	91.77	50	eP	P	22 52 33.1	+2.0
KHMM	Horse Mountain	91.81	49	eP	P	22 52 32.9	+1.6
SYO	Syowa Base	91.86	2001	eX	P	22 52 27.4	-3.3
SYO	Syowa Base	91.86	2001	ePcP	P	22 52 31.0	+0.3
SYO	Syowa Base	91.86	2001	eP	P	22 52 33.4	+2.7
L02D	Cave Junction	92.02	48	P	P	22 52 32.7	+0.6
L02D				S	S	23 03 40.0	+7.2
BIDO	Bidbid	92.09	293	P	P	22 52 31.6	-1.2
BIDO	Bidbid	92.09	293	P	P	22 52 31.6	-1.2
HOPS	Hopland Field	92.16	51	PFAKE	LR	22 52 40.0	+7.2
MCCM	Marconi Conifer	92.24	52	PFAKE	LR	22 52 40.0	+6.9
NLWA	Neilton Lookou	92.29	43	eP	P	22 52 34.8	+1.5
I03D	Drain, OR	92.34	47	P	P	22 52 33.5	+0.1
GDXM	Geysers	92.36	51	PFAKE	LR	22 52 50.0	+1.6
F03A	Seaside	92.38	44	PFAKE	LR	22 52 50.0	+1.6
E03A	Lebam	92.42	44	eP	P	22 52 35.0	+1.2
E03A				LR	LR		
COR	Corvallis	92.44	46	PFAKE	LR	22 52 50.0	+1.6
M02C	Callahan	92.52	49	P	P	22 52 35.1	+0.6
G03D	McMinnville, O	92.52	45	P	P	22 52 34.7	+0.4
HUMO	Hull Mountain	92.54	48	eP	P	22 52 35.7	+1.2
HUMO				LR	LR		
N02D	Trinity Center	92.60	49	P	P	22 52 35.5	+0.7
YBH	Yreka Blue Hor	92.65	49	eP	P	22 52 36.3	+1.2
YBH	Yreka Blue Hor	92.65	49	eP	P	22 52 36.3	+1.2
PGC	Sidney	92.67	42	eP	P	22 52 36.1	+1.2
PGC				LR	LR		
WDC	Whiskeywn Da	92.69	50	eP	P	22 52 36.2	+1.0
WDC	Whiskeytown Da	92.69	50	eP	P	22 52 36.2	+1.0
WDC				LR	LR		
ABKAR	Akbulak array	92.69	319	eP	P	22 52 33.3	-1.7
F04D	Rainier, OR	92.77	44	P	P	22 52 36.1	+0.7
SVE	Sverdiolovsk	92.90	327	iP	P	22 52 34.4	-1.3
SVE				LR	LR	23 03 05.8	-2.2
SVE				MLR	MLR		
SVE				MLR	MLR		
I04A	Tendick Farm	93.02	46	P	P	22 52 36.4	-0.3
BU0R	Burton Butte	93.04	48	eP	P	22 52 37.8	+0.8
A04D	Lummi Island	93.17	42	P	P	22 52 37.3	+0.2
GEYT	Alibeck	93.18	308	P	P	22 52 36.8	-0.8
GEYT				LR	LR	23 36 25.9	
J04D	Umpqua Nationa	93.20	47	P	P	22 52 37.7	-0.1
O03D	Paynes Creek	93.23	50	P	P	22 52 37.6	-0.2
SA0D	San Andreas Ge	93.27	54	PFAKE	LR	22 52 50.0	+1.2
SA0D				LR	LR		
M04C	Macdoel	93.31	49	P	P	22 52 38.6	+0.4
TDL	Tradedollar La	93.34	44	eP	P	22 52 39.5	+1.2
ORV	Oroville	93.42	51	eP	P	22 52 39.1	+0.6
ORV				MLR	MLR		
ORV				MLR	MLR		
K04D	Chiloquin, OR	93.42	48	P	P	22 52 38.9	+0.2
B05A	Bryant	93.54	42	P	P	22 52 39.5	+0.6
D05A	Enumclaw	93.55	43	PFAKE	LR	22 52 50.0	+1.1
LOA	Longmire	93.64	44	eP	P	22 52 40.2	+0.7
LOA	Longmire	93.64	44	eP	P	22 52 40.1	+0.7
LOA				LR	LR		
JCW	Jim Creek	93.65	42	eP	P	22 52 40.5	+1.0
PMPB	Monarch Peak	93.76	54	PFAKE	LR	22 52 50.0	+1.0
AFDM	Forest Hills D	93.79	51	eP	P	22 52 41.1	+0.8
AFDM				LR	LR		
LLLB	Lillooet	93.83	40	eP	P	22 52 41.5	+1.2
I05D	Terrebonne, OR	93.83	46	P	P	22 52 40.5	+0.1
G05D	Fort Rock, OR	93.84	47	P	P	22 52 40.5	-0.1
G05D	Wamic, OR	93.90	45	P	P	22 52 40.8	+0.2
BANOM	Banah	93.93	296	iP	P	22 52 39.9	-1.3
BANOM	Banah	93.93	296	P	P	22 52 40.1	-1.1
BANOM				P	P	22 52 40.1	-1.1
BANOM				P	P	22 52 40.1	-1.1
B06A	Marblemount	93.97	42	PFAKE	LR	22 52 50.0	+9.2
HATD	Hatta, Dubai	94.01	294	iP	P	22 52 41.0	-0.7
HATD	Hatta, Dubai	94.01	294	P	P	22 52 40.5	-1.1
HATD	Hatta, Dubai	94.01	294	P	P	22 52 40.5	-1.1
ARU	Arti	94.02	326c	iP	P	22 52 38.2	-2.7
ARU				S	SS	23 03 12.9	-1.3
ARU				SS	SS	23 03 03.8	+0.1
ARU				SS	SS	23 10 08.0	-1.8
ARU				P	P	22 52 38.9	-2.0
K05A	Summer Lake	94.06	48	eP	P	22 52 42.6	+0.8

K05A	Columbia Colle	94.19	52	eP	P	22 52 42.8	+0.6
CMB	Columbia Colle	94.19	52	eP	P	22 52 42.8	+0.6
C06D	Leavenworth	94.33	42	P	P	22 52 42.7	+0.1
SMMC	Simmler	94.36	55	P	P	22 52 43.7	+0.7
G06A	Carlson Farm	94.38	45	eP	P	22 52 44.2	+1.2
G06A				LR	LR		
NAZ	Nazwa, Dubai	94.44	295	iP	P	22 52 41.7	-1.9
NAZ	Nazwa, Dubai	94.44	295	P	P	22 52 41.6	-1.9
NAZ	Nazwa, Dubai	94.44	295	P	P	22 52 41.6	-1.9
LTY	Liberty	94.45	43	eP	P	22 52 43.8	+0.5
LTY				LR	LR		
MOD	Modoc Plateau	94.46	48	eP	P	22 52 44.2	+0.7
MOD				LR	LR		
PKM	Mpherson Peak	94.48	55	P	P	22 52 44.3	+0.5
FAQ	Al Faqa, Dubai	94.49	294	P	P	22 52 45.0	+1.2
FAQ	Al Faqa, Dubai	94.49	294	P	P	22 52 42.3	-1.5
FAQ	Al Faqa, Dubai	94.49	294	P	P	22 52 42.3	-1.5
SCZ2	Santa Cruz Isl	94.59	56	P	P	22 52 44.0	-0.1
SNCC	San Nicolas Is	94.64	57	PFAKE	LR	22 53 00.0	+1.6
PNTR	Pine Nut	94.86	51	eP	P	22 52 46.5	+1.0
WTV	Waterville	94.95	43	eP	P	22 52 46.2	+0.7
WAKR	Walker	94.96	52	eP	P	22 52 47.1	+1.1
WAKR				LR	LR		
E07A	Sunnyside	94.98	44	PFAKE	LR	22 53 00.0	+1.4
RCTC	Rector, Farmer	95.02	54	P	P	22 52 46.2	+0.2
PAHR	Pah Rah Range	95.06	51	eP	P	22 52 47.2	+0.9
BLG	Laguna Peak, P	95.06	56	P	P	22 52 46.2	0.0
SOKR	Solikamsk	95.08	329	eP	P	22 52 45.4	-0.2
YES	Vestal, Richgr	95.13	55	P	P	22 52 46.3	-0.2
YERR	Yerrington	95.14	51	eP	P	22 52 47.4	+0.7
HAWA	Hanford	95.20	44	eP	P	22 52 47.7	+1.1
OSI	Osito Audit: C	95.37	56	P	P	22 52 48.2	+0.5
OSI	Osito Audit: C	95.37	56	PFAKE	LR	22 53 00.0	+1.2
B08A	Colville Reser	95.39	42	eP	P	22 52 48.0	+0.5
MLAC	Mammoth, Mammo	95.40	53	P	P	22 52 48.2	+0.2
TVH3	East Aurora ar	95.44	52	PFAKE	LR	22 53 00.0	+1.2
SC12	San Clemente I	95.44	57	P	P	22 52 47.5	-0.5
TVH1	TV Hill, Hawth	95.49	52	eP	P	22 52 49.5	+0.9
G08A	Pilot Rock	95.56	45	eP	P	22 52 48.9	+0.4
CIS	Catina Islan	95.57	57	P	P	22 52 48.9	+0.2
ISA	Isabella, Lake	95.61	55	P	P	22 52 48.6	-0.2
ISA	Isabella, Lake	95.61	55	eP	P	22 52 49.3	+0.5
ISA	Isabella, Lake	95.61	55	eP	P	22 52 49.3	+0.5
D08A	Wolmin Farm	95.64	43	eP	P	22 52 49.5	+1.0
DECC	Green Verdugo	95.67	56	P	P	22 52 49.4	+0.3
F09A	Fort Macarthur	95.69	57	P	P	22 52 49.5	+0.5
WVOR	Wild Horse Val	95.72	48	eP	P	22 52 50.0	+0.8
WVOR	Wild Horse Val	95.72	48	eP	P	22 52 50.0	+0.8
PASC	Pasadena Art C	95.79	56	PFAKE	LR	22 53 00.0	+1.0
TIN	Tinemaha, Big	95.86	53	P	P	22 52 50.0	0.0
MWC	Mount Wilson	95.90	56	eP	P	22 52 51.3	+1.0
MWC	Mount Wilson	95.90	56	eP	P	22 52 51.3	+1.0
CWC	Cottonwood Cr	95.96	54	P	P	22 52 50.5	-0.1
EDW2	Edwards Air Fo	95.98	56	P	P	22 52 50.5	0.0
C09A	Chrisman Ranch	96.09	43	eP	P	22 52 51.4	+0.8
B09A	Wood Farm, Sta	96.16	44	eP	P	22 52 51.9	+0.9
EFSC	Mount Baldy La	96.23	56	P	P	22 52 51.8	0.0
LRMC	Laurel Mtn Rad	96.25	55	P	P	22 52 52.1	+0.3
DAC	Darwin (Calif)	96.35	54	eP	P	22 52 53.1	+0.8
DAC				MLR	MLR		
DAC				MLR	MLR		
DAC				LR	LR		
MPMC	Manual Prospec	96.43	54	P	P	22 52 53.0	+0.3
GRAC	Grapevine Rang	96.55	53	P	P	22 52 53.3	+0.3
MURC	Murieta	96.60	57	P	P	22 52 53.5	+0.2
109C	Camp Elliot, M	96.65	58	P	P	22 52 53.9	+0.4
BMO	Blue Mountains	96.73	46	eP	P	22 52 53.4	-0.3
BMO	Blue Mountains	96.73	46	eP	P	22 52 53.4	-0.3
BMN	Battle Mountai	96.73	50	PFAKE	LR	22 53 10.0	+1.6
F10A	Beach Ranch, E	96.79	44	eP	P	22 52 54.4	+0.5
F10A				LR	LR		

RRX	Edison Barstow	96.80	56	P	P	22 52 54.9	+0.8
NEW	Newport	96.86	42	P	P	22 52 54.6	+0.5
NEW	Newport	96.86	42	P	P	22 52 54.3	+0.1
NEW	Newport	96.86	42	eP	P	22 52 55.0	+0.8
FURC	Furnace Creek	96.94	54	P	P	22 52 55.0	+0.3
GSC	Goldstone, Bar	96.96	55	P	P	22 52 55.2	+0.2
GSC	Goldstone, Bar	96.96	55	eP	P	22 52 55.7	+0.7
GSC	Goldstone, Bar	96.96	55	eP	P	22 52 55.7	+0.7
GSC				LR	LR		
BAR	Barrett	97.01	58	PFAKE	LR	22 53 10.0	+1.5
PFO	Pinyon Flats O	97.21	57	P	P	22 52 56.5	+0.2
PFO	Pinyon Flats O	97					

3d 22h

Table with columns: ID, Name, Time, Date, Location, Status, etc. Includes entries like W6A Wetumka, SPMM Marine on St., J37A Redenius Farm, etc.

2011 AUG

Table with columns: ID, Name, Time, Date, Location, Status, etc. Includes entries like HUMR Humele, W41B Gary Mavity, U41A Viola, etc.

158

Table with columns: ID, Name, Time, Date, Location, Status, etc. Includes entries like MORC Moravsky Berou, SFIN Lafayette, KSP Ksiaz, etc.

PRA	Prague	120.77 327	ePKIKP	PKPdf	22 58 15.3 +0.3
PRA			e		22 59 43.0
PRA			eSP		23 05 12.6
PRA			MLR		23 09 33.7 +2.8
SOP	comp-Z, 700nm, 17.0s				
COLL	Sopron	120.83 324j	ePKPdf	PKPdf	22 58 14.9 -0.3
COLL	Collim	120.83 329	ePKIKP	PKPdf	22 58 15.0 -0.1
CLL	comp-Z, 9.0nm, 0.9s				
CLL	Collim	120.83 329	ePKPdf	PKPdf	22 58 14.3 -0.8
CLL	comp-Z, 1.1um, 20.0s				
CLL	Collim	120.83 329	ePKPdf	PKPdf	22 58 15.0 -0.1
CLL	comp-Z, 9.0nm, 0.9s				
CLL			iPKPKdf	pPKPdf	22 58 19.7 -3.7
CLL	comp-Z, 19.1nm, 1.1s				
CLL			eSP	PP	22 59 39.0 -4.2
CLL			iSP		22 59 48.3
CLL	comp-Z, 2.4nm, 1.6s				
CLL			i		23 00 09.3
CLL			i		23 00 25.1
CLL			ePKSdf	SKKSac	23 01 52.0 +0.4
CLL			ePKSdf	SKKSac	23 06 42.0 +0.2
CLL			ePKSdf	SKKSac	23 08 20.4 0.0
CLL			ePKSdf	SKKSac	23 09 34.0 -1.3
CLL			ePKSdf	SKKSac	23 10 54.0
CLL			ePKSdf	SKKSac	23 16 24.0 +1.1
CLL			ePKSdf	SKKSac	23 20 36.0
CLL			ePKSdf	SKKSac	23 51 00.0
CLL	comp-N, 800nm, 20.5s				
CLL			LmV		23 51 00.0
CLL	comp-E, 800nm, 20.5s				
CLL			LmV		23 51 00.0
347A	comp-Z, 1.1um, 20.9s				
SARALAND	Saraland	120.83 56	ePKIKP	PKIKP	22 58 13.9 -2.0
CONA	comp-Z, 2.6nm, 0.7s, SNR=12				
CONA	Conrad Observa	121.11 325	iPKIKP	PKPdf	22 58 15.7 -0.2
CONA			iPP	PP	22 59 49.5 +4.0
248A	comp-Z, 26nm, 1.8s				
TIRON	Dixon Mills	121.32 55	ePKIKP	PKIKP	22 58 15.0 -1.7
TIRON	baz=285				
TIRON	Tirane	121.56 316	PFPAKE	LR	22 58 30.0 +1.3
ARS	comp-Z, 400nm, 19.0s				
ARZBERG	Arzberg	121.65 324	iPKPKdf	PKPdf	22 58 16.1 -0.8
LRAL	comp-Z, 6.5nm, 1.3s, SNR=8.3				
LRAL	Lakeview Retre	121.67 54	ePKPdf	PKPdf	22 58 17.2 -0.1
NKC	Novy Kostel	121.73 328	ePKPdf	PKPdf	22 58 17.1 +0.1
NKC			eSP		22 59 48.7 -0.8
NKC			eSP		23 00 41.3 +1.8
NKC			AMS		23 53 30.0
NKC	comp-Z, 1.1um, 19.0s				
NKC	Novy Kostel	121.73 328	ePKIKP	PKPdf	22 58 17.1 +0.1
NKC			eSP		22 59 48.7
NKC			MLR		23 09 41.3 +1.8
KHC	comp-Z, 1.1um, 19.0s				
KHC	Kasperske Hory	121.75 327	ePKPdf	PKPdf	22 58 16.9 -0.1
KHC			ePKPKdf	pPKPdf	22 58 22.0 -3.3
KHC			ePKPKdf	pPKPdf	22 59 42.3 -7.4
KHC			ePKSdf	SKKSac	23 05 15.1 0.0
KHC			ePKSdf	SKKSac	23 06 51.6 +3.5
KHC			ePKSdf	SKKSac	23 09 41.5 +1.8
KHC			ePKSdf	SKKSac	23 52 30.0
KHC	comp-Z, 1.1um, 17.9s				
KHC	Kasperske Hory	121.75 327	ePKIKP	PKPdf	22 58 16.9 -0.1
KHC			eSP		23 05 15.1
KHC			MLR		23 09 41.5 +1.8
KHC	comp-Z, 1.1um, 17.9s				
KHC	Kasperske Hory	121.75 327	ePKPdf	PKPdf	22 58 16.4 -0.6
GE2C	comp-Z, 400nm, 20.0s				
GE2C	GERESS Array S	121.84 326	ePKIKP	PKPdf	22 58 16.6 -0.7
GE2C			MLR		
GE2C	comp-Z, 1.1um, 21.0s				
GE2C	GERESS Array S	121.84 326	ePKPdf	PKPdf	22 58 16.6 -0.7
GERES	comp-Z, 1.1um, 21.0s				
GERES	GERESS Array B	121.84 326	ePKPKdf	PKPdf	22 58 16.4 -0.9
GERES	comp-Z, 2.5nm, 0.6s, baz=52, slow=1.6, SNR=39.3				
GERES	GERESS Array S	121.85 326	ePKPdf	PKPdf	22 58 15.8 -1.5
GEAO	SWET	121.88 51	PFPAKE	LR	22 58 30.0 +1.2
SWET	Sewanee	121.88 51	PFPAKE	LR	22 58 30.0 +1.2
MOA	comp-Z, 700nm, 22.0s				
MOA	Molin	122.06 325	iPKPKdf	PKPdf	22 58 16.7 -0.9
MOA	comp-Z, 8.5nm, 1.4s				
MOA			iPP	PP	22 59 55.5 +3.7
VLD0	comp-Z, 12nm, 1.5s				
VLD0	Val d'Or	122.13 34	ePKPKdf	PKPdf	22 58 16.4 -1.3
PLCA	comp-Z, 2.6nm, 0.8s, baz=282, slow=4.9, SNR=5.3				
PLCA	Paso Flores	122.20 146	ePKPKdf	PKPdf	22 58 16.9 -1.3
PLCA			pmx		
PERS	comp-Z, 2.0nm, 0.7s				
PERS	Pernice	122.20 324	ePKPKdf	PKPdf	22 58 16.1 -1.9
SOKA	comp-Z, 1.1nm, 1.1s, SNR=12				
SOKA	Soboth	122.23 324	iPKPKdf	PKPdf	22 58 17.6 -0.5
SOKA			iPP	PP	22 59 56.9 +3.8
OBKA	comp-Z, 13nm, 1.5s				
OBKA	Obir	122.60 324	iPKPKdf	PKPdf	22 58 18.3 -0.6
BOJS	comp-Z, 4.4nm, 1.1s				
BOJS	Bojanci	122.69 322	ePKPKdf	PKPdf	22 58 17.8 -1.1
GRFO	comp-Z, 700nm, 20.0s				
GRFO	Grafenberg	122.69 328	ePKIKP	PKPdf	22 58 19.1 +0.3
GRFO			MLR		
GRFO	Grafenberg	122.69 328	ePKPdf	PKPdf	22 58 19.1 +0.3
VISS	comp-Z, 700nm, 20.0s				
VISS	Visnje	122.79 323	ePKPKdf	PKPdf	22 58 17.4 -1.7
SADO	comp-Z, 2.0nm, 0.7s				
SADO	Sadowa	122.85 39	PFPAKE	LR	22 58 30.0 +1.1
LCJ	comp-Z, 4um, 22.0s				
LCJ	Ljubljana	122.86 323	ePKPKdf	PKPdf	22 58 18.8 -0.4
PCPT	Cooper Cave	122.90 51	ePKPKdf	PKPdf	22 58 19.4 -0.2
SCHO	comp-Z, 2um, 21.0s				
SCHO	Schefferville	122.93 23	PFPAKE	LR	22 58 30.0 +1.1
MYKA	comp-Z, 2um, 22.0s				
MYKA	Terra Mystica	123.07 324	iPKPKdf	PKPdf	22 58 19.0 -0.7
JAVS	comp-Z, 5.2nm, 0.9s				
JAVS	Javornik	123.21 323	ePKPKdf	PKPdf	22 58 18.1 -1.9
TZTN	comp-Z, 2um, 20.0s				
TZTN	Tazewell	123.27 49	ePKPKdf	PKPdf	22 58 20.8 +0.4
TKL	comp-Z, 2um, 20.0s				
TKL	Tuckaleechee C	123.41 50	ePKPKdf	PKPdf	22 58 19.8 -0.8
TKL			MLR		
TKL	comp-Z, 2um, 20.0s				
TKL	Tuckaleechee C	123.41 50	ePKPKdf	PKPdf	22 58 19.8 -0.8
ABTA	comp-Z, 19nm, 1.3s, SNR=15				
ABTA	Abfaltersbach	123.66 325	iPKPKdf	PKPdf	22 58 19.9 -0.9
WATA	comp-Z, 23nm, 1.3s, SNR=6				
WATA	Walderaim	123.87 326	ePKPKdf	PKPdf	22 58 20.3 -1.0
PLVO	comp-Z, 2um, 20.0s				
PLVO	Plevna	123.92 37	PFPAKE	LR	22 58 30.0 +8.6
PLVO			LR		
MOTA	comp-Z, 2um, 20.0s				
MOTA	Mocissal	124.12 326	iPKPKdf	PKPdf	22 58 20.5 -1.3
RETA	comp-Z, 36nm, 1.1s, SNR=17				
RETA	Reutte	124.23 326	iPKIKP	PKPdf	22 58 21.6 -0.3
STU	comp-Z, 10nm, 1.2s, SNR=11				
STU	Stuttgart	124.31 328	ePKIKP	PKPdf	22 58 22.3 +0.4
STU			MLR		
STU	Stuttgart	124.31 328	ePKPKdf	PKPdf	22 58 22.3 +0.4
GOGA	comp-Z, 700nm, 19.0s				
GOGA	Godfrey	124.39 53	ePKIKP	PKPdf	22 58 22.6 +0.1
GOGA	Godfrey	124.39 53	ePKPKdf	PKPdf	22 58 22.6 +0.1
FETA	comp-Z, 14nm, 0.9s, SNR=17				
FETA	Feichten	124.52 326	iPKPKdf	PKPdf	22 58 21.8 -0.8
TIP	comp-Z, 14nm, 0.9s, SNR=17				
TIP	Timpagrande	124.62 315	ePKPKdf	PKPdf	22 58 22.0 -0.9
TGUH	comp-Z, 500nm, 20.0s				
TGUH	Teguicigalpa, Un	124.67 77	PFPAKE	LR	22 58 40.0 +1.7
MEH	comp-Z, 1.1um, 21.0s				
MEH	Membach	124.72 332	ePKPKdf	PKPdf	22 58 23.1 +0.5
DAVA	comp-Z, 13nm, 0.8s, SNR=10.0				
DAVA	Damuels	124.84 327	iPKIKP	PKPdf	22 58 22.8 -0.3
TIGA	Titton	124.89 55	ePKIKP	PKIKP	22 58 21.9 -2.0

TIGA	baz=288				
TIGA	Titton	124.89 55	ePKPKdf	PKPdf	22 58 24.2 +0.7
LANK	comp-Z, 1um, 19.0s				
LANK	Langenberg	124.90 329	ePKPKdf	PKPdf	22 58 22.6 -0.5
ESK	comp-Z, 600nm, 20.0s				
ESK	Eskaledaumur	124.92 341	PKPKdf	PKPdf	22 58 30.0 +7.1
CUC	comp-Z, 300nm, 19.0s				
CUC	Castrocuoco	124.93 316	PFPAKE	LR	22 58 40.0 +1.7
FUORN	comp-Z, 1um, 19.0s				
FUORN	Ofenpass-Fuorn	125.01 326	ePKPKdf	PKPdf	22 58 23.8 +0.1
BFO	comp-Z, 1um, 19.0s				
BFO	Black Forest	125.03 328	ePKIKP	PKPdf	22 58 23.1 -0.3
BFO	comp-Z, 800nm, 21.0s				
BFO	Black Forest	125.03 328	ePKPKdf	PKPdf	22 58 23.1 -0.3
BCL	comp-Z, 800nm, 21.0s				
BCL	Clavier	125.18 332	ePKPKdf	PKPdf	22 58 23.7 +0.2
WLF	comp-Z, 800nm, 21.0s				
WLF	Wallerfange	125.28 331	ePKPKdf	PKPdf	22 58 23.9 +0.2
WLF	Wallerfange	125.28 331	ePKPKdf	PKPdf	22 58 23.9 +0.2
BLA	comp-Z, 800nm, 21.0s				
BLA	Blacksburg	125.34 47	ePKPKdf	PKPdf	22 58 24.3 0.0
BLA	Blacksburg	125.34 47	ePKPKdf	PKPdf	22 58 24.3 0.0
O56A	comp-Z, 800nm, 21.0s				
O56A	Blue Knob Stat	125.35 43	ePKPKdf	PKPdf	22 58 22.5 -2.1
KMSC	comp-Z, 2um, 21.0s				
KMSC	Kings Mountain	125.45 50	ePKPKdf	PKPdf	22 58 23.1 -1.8
KMSC	Kings Mountain	125.45 50	ePKPKdf	PKPdf	22 58 24.8 +0.3
WLS	comp-Z, 2um, 21.0s				
WLS	Weischbruch	125.49 329	ePKPKdf	PKPdf	22 58 23.4 -0.9
SNF	comp-Z, 2um, 21.0s				
SNF	Senefle	125.59 332	ePKPKdf	PKPdf	22 58 25.2 +0.5
CEL	comp-Z, 2um, 21.0s				
CEL	Celeste	125.62 314	PFPAKE	LR	22 58 40.0 +1.5
SSPA	comp-Z, 500nm, 22.0s				
SSPA	Standing Stone	125.64 42	ePKPKdf	PKPdf	22 58 24.6 -0.1
ECH	comp-Z, 2um, 22.0s				
ECH	Echery	125.71 329	ePKPKdf	PKPdf	22 58 23.5 -1.2
DOU	comp-Z, 2um, 22.0s				
DOU	Dourbes	125.73 329	ePKPKdf	PKPdf	22 58 25.2 +0.6
TSUM	comp-Z, 2um, 22.0s				
TSUM	Tsumeb	125.76 242	PFPAKE	LR	22 58 40.0 +1.4
JSC	comp-Z, 2um, 22.0s				
JSC	Jenkinsville	125.82 51	ePKPKdf	PKPdf	22 58 25.9 +0.7
JSC	Jenkinsville	125.82 51	ePKPKdf	PKPdf	22 58 25.9 +0.7
MOF	comp-Z, 2um, 22.0s				
MOF	Molkenrain	125.96 328	ePKPKdf	PKPdf	22 58 23.9 -1.3
FRNY	comp-Z, 2um, 22.0s				
FRNY	Flat Rock	126.17 36	ePKPKdf	PKPdf	22 58 25.9 +0.3
CWF	comp-Z, 3um, 22.0s				
CWF	Charnwood Fore	126.30 338	ePKPKdf	PKPdf	22 58 25.6 +0.1
THEF	comp-Z, 900nm, 20.0s				
THEF	They Montfort	126.31 329	ePKPKdf	PKPdf	22 58 25.1 -0.7
LMQ	comp-Z, 2um, 22.0s				
LMQ	La Malbaie	126.34 32	PFPAKE	LR	22 58 40.0 +1.4
LOMF	comp-Z, 2um, 22.0s				
LOMF	Lomont	126.44 328	ePKPKdf	PKPdf	22 58 24.8 -1.3
KSPA	comp-Z, 2um, 22.0s				
KSPA	Keystone Cole	126.59 40	PFPAKE	LR	22 58 40.0 +1.4
SENIN	comp-Z, 900nm, 20.0s				
SENIN	Lac Senin/Sane	126.81 327	ePKPKdf	PKPdf	22 58 27.0 -0.1
MDV	comp-Z, 900nm, 20.0s				
MDV	Middlebury	126.88 37	ePKPKdf	PKPdf	22 58 26.1 -0.8
N59A	comp-Z, 900nm, 20.0s				
N59A	State Game Lan	126.91 41	ePKPKdf	PKPdf	22 58 25.7 -1.9
SDMD	comp-Z, 900nm, 20.0s				
SDMD	Soldier's Deli	126.92 43	PFPAKE	LR	22 58 40.0 +1.3
ACCN	comp-Z, 700nm, 20.0s				
ACCN	Adirondack Com	126.93 38	PFPAKE	LR	22 58 40.0 +1.3
MVL	comp-Z				

3d 22h

MAJO	comp=Z,27nm,0.6s	pmax	pmax		
MAJO	Matsushiro	38.50	17 eP	P	22 59 35.8 -0.7
MAT	Matsushiro	38.50	17 P	P	22 59 35.4 -1.1
MJAR	Matsushiro Arr	38.50	17 P	P	22 59 35.3 -1.2
MJAR	comp=Z,1.6nm,0.7s,baz=191,slow=8.6,SNR=38			PcP	23 01 49.4 +0.7
MJB9	Matsu-Tunnel	38.50	17 P	P	22 59 35.9 -0.6
DL2	Dalian	39.07	356 P	P	22 59 40.6 -0.5
DL2	comp=Z,31nm,0.8s			pmax	
ARMA	Armidade	39.13	143 P	P	22 59 43.6 +1.6
ARMA	Armidade	39.13	143 eP	P	22 59 43.5 +1.6
ARPS	Mount Arapiles	39.49	159 P	P	22 59 45.7 +0.9
TIY	Taiyuan	39.55	344 P	P	22 59 45.7 +0.4
TIY	comp=Z,64nm,0.6s			pmax	
BJT	Baijiatuu	40.89	349 eP	P	22 59 55.9 -0.3
BJT	comp=Z,1.8nm,0.8s			pmax	
BJT	Baijiatuu	40.89	349 eP	P	22 59 55.9 -0.3
BJT	comp=Z,1.8nm,0.8s			pmax	
BJI	Beijing	40.91	349 P	P	22 59 55.8 -0.6
LZH	Lanzhou	41.23	333 P	P	23 00 00.6 +1.2
LZH	comp=Z,42nm,1.0s			pmax	
LZH	Lanzhou			pP	23 00 12.1 -6.4
LZH	Lanzhou			sP	23 01 39.5 -0.7
LZH	Lanzhou			PnPn	23 01 59.5 +1.9
LZH	Lanzhou			PcP	
LZH	Lanzhou			pmax	
LZH	comp=Z,260nm,8.5s			pmax	
LZH	comp=Z,1.80nm,5.2s			LR	LR
LZH	comp=Z,770nm,13.5s			LR	LR
LZH	comp=Z,540nm,14.0s			LR	LR
LZH	comp=Z,980nm,17.2s			LR	LR
CAN	Canberra	41.36	150 eP	P	23 00 02.1 +1.8
CAN	comp=Z,42nm,1.2s			pmax	
CAN	Canberra	41.36	150 eP	P	23 00 02.1 +1.8
CAN	comp=Z,42nm,1.2s			pmax	
CNB	Canberra Magne	41.54	150 P	P	23 00 02.2 +0.4
CNB	comp=Z,42nm,1.2s			pmax	
HHC	Hu-ho-hao-te	42.72	345 eP	P	23 00 13.2 +1.9
HHC	comp=Z,1.3nm,0.7s			pmax	
HHC	Hu-ho-hao-te			pP	23 00 21.0 -3.7
HHC	Hu-ho-hao-te			sP	23 00 24.1 -6.4
HHC	Hu-ho-hao-te			S	23 06 35.8 +4.2
HHC	Hu-ho-hao-te			pmax	
HHC	comp=Z,260nm,8.5s			pmax	
HHC	comp=Z,630nm,15.0s			LR	LR
HHC	comp=Z,760nm,15.4s			LR	LR
HHC	comp=Z,690nm,17.7s			LR	LR
VLA	Vladivostok	43.55	7 P	P	23 00 16.0 -1.8
VLA	Vladivostok			e'SP	23 00 29.6 -1.6
VLA	Vladivostok			i	23 02 03.2
VLA	Vladivostok			pmax	
CN2	Changchun	43.82	0 eP	P	23 00 19.3 -0.7
CN2	Changchun			eP	23 00 27.2 -6.2
CN2	Changchun			pmax	
CN2	comp=Z,10.0nm,0.5s			pmax	
CN2	comp=Z,200nm,4.0s			LR	LR
CN2	comp=Z,1.1um,16.0s			LR	LR
CN2	comp=Z,700nm,16.0s			LR	LR
CN2	comp=Z,1.1um,18.0s			LR	LR
LSA	Lhasa	44.05	315 P	P	23 00 23.7 +1.0
LSA	comp=Z,30nm,0.7s			pmax	
LSA	Lhasa	44.05	315 eP	P	23 00 23.7 +1.2
LSA	Lhasa			pmax	
LSA	comp=Z,34nm,0.6s			pmax	
LSA	comp=Z,34nm,0.6s			pmax	
LSA	comp=Z,34nm,0.6s			pmax	
USRK	Ussuriysk Ar.	44.63	7 P	P	23 00 26.4 -0.1
USRK	comp=Z,26nm,0.7s,baz=193,slow=8.4,SNR=38			pmax	
MDJ	Mudanjiang	44.80	4 P	P	23 00 28.1 +0.2
MDJ	comp=Z,32nm,0.7s			pmax	
MDJ	comp=Z,1.6nm,6.3s			pmax	
MDJ	Mudanjiang	44.80	4 eP	P	23 00 28.4 +0.5
PALK	Pallekele	45.04	280 eP	P	23 00 26.8 -3.5
PALK	comp=Z,26nm,0.8s			pmax	
PALK	Pallekele	45.04	280 eP	P	23 00 26.8 -3.5
PALK	comp=Z,47nm,1.4s			pmax	
ERM	Erimo	45.04	19 eP	P	23 00 27.6 -2.2
ERM	comp=Z,63nm,1.6s			pmax	
ERM	Erimo	45.04	19 eP	P	23 00 27.6 -2.2
ERM	comp=Z,63nm,1.6s			pmax	
GTA	Gaotai	45.79	332 iP	P	23 00 37.0 +1.1
GTA	comp=Z,69nm,0.7s			pP	23 00 41.9 -7.5
GTA	Asahikawa	46.77	17 P	P	23 00 44.4 -1.1
GTA	comp=Z,1.6nm,0.5s,baz=225,slow=8.9			pP	23 02 12.8 -0.1
GTA	Asahikawa	46.77	17 P	P	23 00 44.4 -1.1
GUN	Gumba	46.96	310 eP	P	23 00 43.6 -2.0
GUN	comp=Z,27nm,0.9s			pmax	
PKI	Pulchoki	47.16	309 eP	P	23 00 45.1 -2.0
PKI	comp=Z,20nm,0.4s			pmax	
KKN	Kakani	47.36	309 eP	P	23 00 46.7 -1.9
KKN	comp=Z,31nm,0.4s			pmax	
DMM	Daman	47.41	309 eP	P	23 00 47.3 -1.7
DMM	comp=Z,39nm,0.7s			pmax	
GKN	Gorkha	47.96	309 eP	P	23 00 51.4 -1.8
GKN	comp=Z,54nm,0.3s			pmax	
KOLN	Koldanda	48.66	308 eP	P	23 00 57.1 -1.5
KOLN	comp=Z,194nm,1.1s			pmax	
HYB	Hyderabad	49.19	293 iP	P	23 01 00.0 -2.5
HYB	Hyderabad	49.19	293 iP	P	23 01 00.8 -1.7
YPUN	Pyudhan	49.29	308 eP	P	23 01 00.8 -1.7
YPUN	comp=Z,223nm,0.6s			pmax	
YSS	Yuzh-Sakhalins	49.41	16 eP	P	23 01 04.0 +0.3
KUR	Kuril'sk	49.49	21 iP	P	23 01 03.1 -1.2
HIA	Hailar	49.51	355 eP	P	23 01 04.6 0.0
HIA	comp=Z,32nm,0.9s			pmax	
HIA	Hailar	49.51	355 eP	P	23 01 04.5 0.0
HIA	comp=Z,32nm,0.9s			pmax	
KLR	Kul'dur	49.57	60 iP	P	23 01 04.1 -0.8
SONAO	Songino Array	50.59	344 eP	P	23 01 11.2 -1.7
SONAO	comp=Z,2.1nm,1.0s			pmax	
SONM	Songino Array	50.59	344 P	P	23 01 11.2 -1.7
SONM	comp=Z,1.8nm,0.7s,baz=156,slow=8.9,SNR=19			pmax	
SONA1	Songino Array	50.60	344 eP	P	23 01 11.4 -1.5
ZAK	Zakamensk	53.78	343 eP	P	23 01 35.2 -1.2
ZAK	comp=Z,27nm,0.6s			pmax	

2011 AUG

ZAK	comp=Z,8.0nm,1.0s	pmax	pmax		
ZAK	comp=Z,4.0nm,1.1s			pmax	
TLY	Talaya	54.83	344 eP	P	23 01 43.0 -1.0
TLY	comp=Z,2.1nm,0.8s			pmax	
TLY	Talaya	54.83	344 eP	P	23 01 43.5 -0.5
WMQ	Urumqi	55.16	327 P	P	23 01 47.3 +0.8
WMQ	comp=Z,1.4nm,0.8s			pmax	
WMQ	comp=Z,160nm,9.4s			pmax	
WMQ	comp=Z,500nm,14.6s			LR	LR
WMQ	comp=Z,280nm,18.2s			LR	LR
WMQ	comp=Z,360nm,20.0s			LR	LR
SDNR	Sundarnagar	55.48	309 eP	P	23 01 48.6 -0.5
CLNS	Chul'man	56.87	360 eP	P	23 01 58.4 -0.1
CLNS	comp=Z,19nm,0.6s			pmax	
CLNS	comp=Z,8.0nm,0.6s			pmax	
PDGK	Podgornoye	59.56	323 P	P	23 02 15.9 -1.8
PDGK	comp=Z,3.0nm,0.6s			pmax	
PEAO	Petrovsk	59.62	22 eP	P	23 02 18.8 +1.1
PEAOB	Petrovsk	59.62	22 eP	P	23 02 19.4 +1.6
PETK	Petrovsk	59.62	22 eP	P	23 02 18.9 +1.2
PETK	comp=Z,46nm,0.7s			pmax	
PEA1	Petrovsk	59.62	22 eP	P	23 02 19.0 +1.2
KSH	Kashi	59.62	22 eP	P	23 02 19.1 +1.2
KSH	comp=Z,170nm,0.7s,baz=190,slow=4.9,SNR=56			pmax	
KSH	Kashi	59.62	22 eP	P	23 02 20.9 +1.2
KSH	Kashi			eP	23 02 29.3 -4.3
KSH	Kashi			eP	23 02 32.3 -7.0
KSH	Kashi			eP	23 04 34.6 +2.4
KSH	Kashi			eP	23 07 08.4 +0.2
KSH	Kashi			eP	23 10 27.7 -0.2
KSH	Kashi			eP	23 12 05.9 -0.3
KSH	comp=Z,26nm,0.9s			pmax	
KSH	comp=Z,160nm,3.1s			LR	LR
KSH	comp=Z,250nm,6.4s			LR	LR
KSH	comp=Z,320nm,8.6s			LR	LR
KSH	comp=Z,750nm,19.9s			LR	LR
PET	Petrovsk	59.91	23 eP	P	23 02 21.0 +1.3
PET	comp=Z,33nm,0.8s			pmax	
PET	Petrovsk	59.91	23 eP	P	23 02 20.9 +1.2
MK01	Makanchi Array	59.97	327 eP	P	23 02 18.4 -1.9
MK31	Makanchi Array	59.99	327 iP	P	23 02 19.0 -1.4
MK31	comp=Z,1.0nm,0.4s			pmax	
MK31	Makanchi Array	59.99	327 eP	P	23 02 18.8 -1.6
MK32	Makanchi Array	59.99	327 eP	P	23 02 18.7 -1.8
MKAR	Makanchi Array	59.99	327 P	P	23 02 18.7 -1.7
MKAR	comp=Z,21nm,0.3s,baz=122,slow=8.3,SNR=97			pmax	
MKAR	Makanchi Array	59.99	327 iP	P	23 02 18.7 -1.7
MKAR	comp=Z,22nm,0.3s			pmax	
MAK2	Makanchi	60.16	327 P	P	23 02 18.8 -1.6
MAK2	comp=Z,326nm,0.9s			pmax	
MAK2	Makanchi	60.16	327 P	P	23 02 20.4 -1.2
MAK2	comp=Z,1.0nm,0.4s			pmax	
MAK2	Makanchi	60.16	327 eP	P	23 02 19.9 -1.8
TKM2	Tokmak 2	61.76	321 P	P	23 02 32.9 +0.1
TKM2	comp=Z,7.0nm,0.8s			pmax	
YAK	Yakutsk	62.17	2 eP	P	23 02 34.7 -0.2
YAK	comp=N,129nm,0.7s			pmax	
YAK	Yakutsk			eP	23 02 50.2 +1.4
YAK	Yakutsk			e	23 03 14.5
YAK	Yakutsk			e	23 04 53.9
YAK	Yakutsk			e	23 06 18.7
YAK	Yakutsk			e	23 10 55.5 -1.0
YAK	Yakutsk			e	23 11 20.7 +0.8
YAK	Yakutsk			e	23 12 21.1
YAK	Yakutsk			e	23 15 00.5 +0.2
YAK	comp=Z,56nm,0.7s			pmax	
YAK	comp=N,129nm,0.7s			pmax	
YAK	comp=Z,130nm,4.4s			pmax	
YAK	comp=N,128nm,3.9s			pmax	
YAK	comp=E,53nm,4.3s			smax	smax
YAK	comp=N,44nm,1.9s			smax	smax
YAK	comp=E,33nm,1.8s			smax	smax
YAK	Yakutsk	62.17	2 eP	P	23 02 34.4 -0.4
YAK	comp=E,107nm,0.6s			pmax	
AAK	Ala-Archa	62.33	320 P	P	23 02 36.7 +0.2
AAK	comp=Z,4.0nm,0.7s			pmax	
AAK	Ala-Archa	62.33	320 eP	P	23 02 36.2 -0.4
AAK	comp=Z,29nm,1.0s			pmax	
KBL	Kabul	62.80	310 eP	P	23 02 37.8 -2.1
KBL	comp=Z,35nm,0.6s			pmax	
KBL	Kabul	62.80	310 eP		

3d 23h

1.8nm, 1.0s, baz=56, slow=3.3, SNR=6.7
BRTR 1.6nm, 0.9s, baz=56, slow=4.2, SNR=3.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RTLS Leoncito, AUSP Uspallata, AMOG Mogna, etc.

FUNV 03 23:45:13.8, 5:15N, 72:48W, h85km, MW3.4
RSNC 03 23:45:14.9, 1.3, 5:64N, 72:75W, h0km, 7km, ML3.5
IDC 03 23:45:18.2, 1.3, 5:66N, 72:59W, h67km, 13km, mb3.2/2, mb1 3.7/4, mb1mx3/3.32, mbtmp3.8/4, Error ellipse: s-maj=27.5km s-min=7.2km az=140.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RUSC La Rusia, CHIC Chingaza, PAMC Pamplona, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NORCA Norcasia, CAPV Capacho, SJAC San Juan de Ar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CURV Curarigua, BAUV El Baul, MAPV Macapo, etc.

MEX 03 23:46:36.1±0.4, 27.99N, 112.08W, h16km, 5km, MD3.8, Baja California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRIG Santa Rosalia, GUYB Guaymas, HSIJ Hsiang, etc.

IDC 03 23:47:07.3±13.0, 15:08S, 173:89W, h0km, mb3.8/2, mb1 4.1/2, mb1mx3.5/32, mbtmp3.8/2, Error ellipse: s-maj=596.7km s-min=64.6km az=139.0, Tonga Islands

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

MAN 03 23:48:12, 15.95N, 120.94E, h5km, mb4.9, ML3.8, MS3.8, 3C, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCPH Palayan, LQP Lukban, GOP Guinayangan, etc.

2011 AUG

Table with columns: PEL, Station Name, Az, Phase ID, Time, Res. Includes stations like Cerro Calan, Uspallata, Farellones, etc.

NIED 03 23:51:00, 39:80N, 142:40E, h41km, Mw4.3 Best double couple: M2.99000x1019, 111.9, 190.00000, 325.00000, 1.79.00000, NP2x22.00000, 1.89.00000, 1.95.00000, ISCJJB 03 23:51:00.4, 0.6, 39:74N, 0:02, 142:53E, 0:05, h46km, 4km, mb4.5/47, MS4.6/3, Error ellipse: s-maj=6.7km s-min=3.9km az=9.2

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ERM Erimo, ASAJ Asaj, MAJO Matsushiro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, etc.

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

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

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

164

Table with columns: H1N3, Station Name, Az, Phase ID, Time, Res. Includes stations like WAKE ISLAND Hy, Talaya, Zakamensk, etc.

Table with columns: ZAA0, Station Name, Az, Phase ID, Time, Res. Includes stations like Zalesovo Array, ZAA1 Zalesovo Array, ZALV Zalesovo Array, etc.

Table with columns: HDA, Station Name, Az, Phase ID, Time, Res. Includes stations like Harding Lake, Elison Array, Elison Array, etc.

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

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

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

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

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KBZ, AKASB, AKBB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like JFK, JFK, JFT, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AGG, AGG, AGG, etc.

ISK 04 00:01:47.9, 36.21N, 31.80E, h20km, MD2.9

CSEM 04 00:01:49.5, 0.2, 36.19N, 31.79E, h30km, ML3.4, Error ellipse: s-maj=5.7km, s-min=2.4km, az=21.0

DDA 04 00:01:49.9, 36.59N, 31.72E, h39km, M13.4

ISC 04 00:01:50.3, 1.2, 36.30N, 0.05, 31.81E, 0.03, h33km, 13km, n42, i188/29, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like GAZI, GAZI, GAZI, etc.

ISC 04 00:08:54.8, 0.9, 36.35N, 141.64E, h0km, mb3.6/8, mb1 3.8/10, mb1mx3.6/42, mb1mx3.6/10, ML3.72, MS4.3/1, MS1 4.3/1, ms1mx2.8/55, Error ellipse: s-maj=22.6km, s-min=20.5km, az=123.0

JMA 04 00:08:59.1, 0.1, 36.35N, 141.56E, h57km, 3km, M3.5

ISC 04 00:08:57.8, 0.8, 36.34N, 0.04, 141.67E, 0.07, h21km, 5km, n28, i199/32, mb3.6/8, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like CHOU, CHOU, CHOU, etc.

CSEM 04 00:15:21.1, 38.31N, 21.79E, h7km, ML1.0/7

ATH 04 00:15:21.1, 38.31N, 21.79E, h7km, 2km, ML1.0/7, Error ellipse: s-maj=2.8km, s-min=0.9km, az=148.0, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like UPR, UPR, UPR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like KALE, KALE, KALE, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like RLS, RLS, RLS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like RLS, RLS, RLS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like RLS, RLS, RLS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like DRO, DRO, DRO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like DRO, DRO, DRO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like DRO, DRO, DRO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like PVO, PVO, PVO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like PVO, PVO, PVO, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like PVO, PVO, PVO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like PVO, PVO, PVO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like PVO, PVO, PVO, etc.

ISC 04 00:16:08.0, 0.8, 2.80S, 101.16E, h48km, 6km, mb5.4/44, mb1 5.3/45, mb1mx5.3/49, mb1mx5.6/45, MS5.1/30, MS1 5.1/30, ms1mx4.9/39, Error ellipse: s-maj=10.4km, s-min=6.5km, az=56.0

NEIC 04 00:16:08.0, 0.0, 2.75S, 101.19E, h37km, Moment Tensor Solution, s123,c245, s122,c300; Duration: 1s9, Moment tensor: Scale 10^7Nm; Mw=1.56; Mo=1.21; Mo=0.93; Mo=3.99; Best double couple: M7.20000x10^17, NP1s=126.00000, s80.00000, l89.00000; NP2s=311.00000, 81.00000, l95.00000; Principal axes: T 7.4600, P1g55.0000, Azm35.0000; N -0.4400, P1g0.0000, Azm126.0000; P -7.0200, P1g34.0000, Azm217.0000;

ISCJB 04 00:16:08.0, 0.3, 2.82S, 101.07E, 0.02, h53km, 2km, mb5.8/247, MS5.4/26, Error ellipse: s-maj=3.5km, s-min=2.0km, az=44.9

DJA 04 00:16:09.0, 0.2, 3.1S, 110.1E, h41km, 2km, M5.8/67, mb5.8/67, mb6.1/49, MLV6.3/22, Mw(MB)5.7/49, Mw(MB)5.8/3

KLM 04 00:16:13.0, 2.89S, 101.25E, h38km, mb6.0

NEIC 04 00:16:25.5, 0.0, 2.82S, 101.11E, h2km, Moment Tensor Solution, s37, Moment tensor: Scale 10^7Nm; Mw=1.84; Mo=1.63; Mo=2.21; Mo=1.11; Mo=1.81; Mo=0.56; Best double couple: M4.40000x10^17, NP1s=333.00000, s34.00000, l115.00000; NP2s=126.00000, s59.00000, l74.00000; Principal axes: T 4.5200, P1g71.0000, Azm35.0000; N -0.3200, P1g14.0000, Azm132.0000; P -4.2400, P1g13.0000, Azm226.0000;

ISC 04 00:16:08.1, 0.3, 2.79S, 103.04E, 0.03, h44km, 1km, h43km; P-P, P1796, e1861/1842, mb5.8/287, MS5.5/427, 142C-40D, Southern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like PPSI, PPSI, PPSI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like MAS, MAS, MAS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like MAS, MAS, MAS, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like MAS, MAS, MAS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like MAS, MAS, MAS, etc.

WRAB	Tennant Creek	36.70 120	eP	P	00 23 10.0	-1.3
WRAB			eS	S	00 28 48.6	-3.5
WRAB			pmax	pmax		
WRAB	comp=Z,160nm,0.9s					
WRAB	Tennant Creek	36.70 120	eP	P	00 23 10.0	-1.3
WRAB	comp=Z,153nm,0.9s					
WRAB			eS	S	00 28 47.4	-4.7
WRAB			LR	LR		
WB2	Warramunga Arr	36.71 120	eP	P	00 23 09.9	-1.4
WB2	comp=Z,2um,22.0s					
WR8	Warramunga Arr	36.84 120	PFAKE	LR	00 23 20.0	+7.5
WR8	comp=Z,2um,22.0s					
WR9	Warramunga Arr	36.86 120	PFAKE	LR	00 23 20.0	+7.4
WR9	comp=Z,2um,21.0s					
WR0	Warramunga Arr	36.88 120	PFAKE	LR	00 23 20.0	+7.2
WR0	comp=Z,2um,22.0s					
XAN	Xi'an	37.38 11	P	P	00 23 16.6	-0.3
XAN			pP	pP	00 23 26.6	-2.2
XAN			sP	sP	00 23 30.7	-3.3
XAN			S	S	00 29 00.4	-1.6
XAN			pmax	pmax		
XAN	comp=Z,250nm,0.5s					
XAN	comp=Z,850nm,6.9s					
XAN	comp=Z,8um,16.1s					
XAN	comp=Z,9um,19.0s					
XAN	comp=Z,14um,16.1s					
FORT	Forrest	37.77 140	P	P	00 23 21.1	+0.9
FORT	baz=38,SNR=6.4					
FORT	Forrest	37.77 140	eP	P	00 23 19.5	-0.7
FORT	comp=Z,874nm,0.6s					
ASAR	Alice Springs	37.95 126	P	P	00 23 21.1	-0.8
ASAR	comp=Z,42nm,0.7s,baz=303,slow=8.0,SNR=132					
ASAR	comp=Z,23nm,0.8s,baz=307,slow=2.7,SNR=7.6					
ASAR	comp=Z,36nm,0.9s,baz=298,slow=16,SNR=15					
ASAR	comp=Z,2um,19.9s,baz=302,slow=40					
AS31	Alice Springs	37.95 126	eP	P	00 23 21.1	-0.8
AS31	comp=Z,36nm,0.7s					
AS01	Alice Springs	37.99 126	eP	P	00 23 20.1	-2.1
AS01	comp=Z,36nm,0.7s					
NJ2	Nanjing	38.56 25	eP	P	00 23 27.8	+1.0
NJ2			sP	sP	00 23 39.4	+0.7
NJ2			PP	PP	00 24 57.0	-1.0
NJ2			ScP	ScP	00 29 22.8	-0.7
NJ2			S	S	00 29 24.0	+4.2
NJ2	comp=Z,69nm,1.2s					
NJ2	comp=Z,1um,9.8s					
NJ2	comp=Z,9um,19.0s					
NJ2	comp=Z,3um,15.2s					
NJ2	comp=Z,11um,17.4s					
NDI	New Delhi	38.77 325	ex	P	00 23 23.0	-5.6
LZH	Lanzhou	38.77 4	PP	P	00 23 29.3	+0.6
LZH			pP	pP	00 23 37.2	-3.4
LZH			sP	sP	00 23 41.4	-4.4
LZH			PP	PP	00 25 03.3	+2.7
LZH			PcP	PcP	00 25 41.0	+1.4
LZH			S	S	00 29 22.2	-1.0
LZH			ScP	ScP	00 29 24.8	+0.3
LZH			sS	sS	00 29 40.3	-2.8
LZH			SS	SS	00 32 08.4	-6.8
LZH			ScS	ScS	00 33 33.9	-1.5
LZH			pmax	pmax		
LZH	comp=Z,200nm,1.1s					
LZH	comp=Z,910nm,4.7s					
LZH	comp=Z,17um,15.7s					
LZH	comp=Z,5um,14.2s					
LZH	comp=Z,15um,16.6s					
SSE	Sheshan	38.78 28	P	P	00 23 30.2	+1.6
SSE			sP	sP	00 23 43.4	-2.4
SSE			PP	PP	00 25 02.1	+1.5
SSE			S	S	00 29 24.4	+1.2
SSE			sS	sS	00 29 44.4	+1.3
SSE			pmax	pmax		
SSE	comp=Z,120nm,1.2s					
SSE	comp=Z,840nm,4.5s					
SSE	comp=Z,6um,18.6s					
SSE	comp=Z,1um,18.6s					
SSE	comp=Z,5um,21.4s					
GENI	Genyem	39.08 9	P	P	00 23 30.3	-1.2
GENI	comp=Z,146nm,1.2s,comp=Z,9um					
JOW	Kunigami	39.48 40	LR	LR	00 39 44.6	
JOW	comp=Z,2um,18.7s,baz=154,slow=96					
DDI	Dun Dun	39.58 328	eP	P	00 23 36.4	+1.0
JAY	Jayapura	39.62 91	P	P	00 23 33.5	-2.5
JAY	comp=Z,3.1nm,0.7s,baz=270,slow=20,SNR=36					
JAY	comp=Z,2.3nm,0.9s,baz=277,slow=23,SNR=14					
SMLA	Simla	40.68 328	eP	P	00 23 45.2	+0.8
SMLA	comp=Z,437nm,0.4s					
SDNR	Sundarnagar	41.08 328	eP	P	00 23 49.6	+1.8
BHK	Bhakra	41.31 327	eP	x	00 23 50.5	+0.9
QIS	Mount Isa	41.52 118	P	P	00 23 50.5	-1.0
TIA	Tai'an	41.61 20	PP	P	00 23 52.1	+0.1
TIA	comp=Z,100nm,1.2s					
TIA	comp=Z,1um,9.0s					
TIA	comp=Z,3um,18.0s					
TIA	comp=Z,3um,15.0s					
TIA	comp=Z,4um,25.0s					
TIY	Taiyuan	41.66 14	eP	S	00 23 53.3	+0.8
TIY			P	P	00 30 07.7	+1.4
TIY	comp=Z,110nm,0.6s					
TIY	comp=Z,920nm,4.8s					
TIY	comp=Z,4um,13.5s					
TIY	comp=Z,2um,13.0s					
TIY	comp=Z,6um,18.6s					
JWA	Jwalamukhi	41.70 328	eP	P	00 23 53.0	+0.2
JWA			x	x	00 24 06.0	
PONG	Pongal	41.97 327	eP	P	00 23 55.0	0.0
PONG			x	x	00 24 09.0	
GTA	Gaotai	42.01 359	PP	P	00 23 55.7	+0.3
GTA			pP	pP	00 24 07.2	-0.3
GTA			sP	sP	00 24 12.2	-0.4
GTA			PcP	PcP	00 25 49.9	-0.1
GTA			PcS	PcS	00 29 37.4	-4.3
GTA			S	S	00 30 11.9	+0.4
GTA			sS	sS	00 30 29.0	-2.6
GTA			SS	SS	00 33 14.1	-5.8
GTA			ScS	ScS	00 33 51.5	-3.0
GTA			pmax	pmax		
GTA	comp=Z,60nm,1.1s					
GTA	comp=Z,900nm,6.4s					
GTA	comp=Z,6um,18.5s					
GTA	comp=Z,4um,18.1s					
GTA	comp=Z,7um,20.9s					

COEN	Coen	43.05 107	P	P	00 24 03.1	-1.0
COEN	baz=43,SNR=4.9					
COEN	Coen	43.05 107	eP	P	00 24 01.8	-2.3
COEN	comp=Z,40nm,1.1s					
BT0	Baotou	43.96 10	eP	P	00 24 10.8	-0.4
BBOO	Buckleboo	44.36 136	P	P	00 24 13.9	-0.4
BBOO	baz=44,SNR=20.0					
BBOO	Buckleboo	44.36 136	eP	P	00 24 14.0	-0.4
BBOO	comp=Z,90nm,0.9s					
HHC	Hu-ho-hao-te	44.48 11	eP	P	00 24 16.8	+1.5
HHC			pP	pP	00 24 26.7	-0.8
HHC			sP	sP	00 24 30.7	-1.9
HHC			S	S	00 30 50.0	+2.4
HHC			pmax	pmax		
HHC	comp=Z,140nm,1.1s					
HHC	comp=Z,1um,8.2s					
HHC	comp=Z,6um,13.0s					
HHC	comp=Z,5um,15.1s					
HHC	comp=Z,4um,16.6s					
BJT	Baijiatuu	44.81 17	eP	P	00 24 18.4	+0.6
BJT			pmax	pmax		
BJT	comp=Z,443nm,1.5s					
BJT	comp=Z,12um,20.0s					
BJT	comp=Z,442nm,1.5s					
BJT	comp=Z,12um,20.0s					
BJI	Beijing	44.83 17	P	P	00 24 18.5	+0.6
BJI			PP	PP	00 26 05.3	+2.0
BJI			S	S	00 30 49.1	-3.3
BJI			pmax	pmax		
BJI	comp=Z,130nm,1.6s					
BJI	comp=Z,1um,4.6s					
BJI	comp=Z,10um,18.9s					
BJI	comp=Z,5um,17.6s					
BJI	comp=Z,9um,19.4s					
MTSU	Mount Surprise	45.05 113	P	P	00 24 19.0	-1.1
MTSU	baz=45,SNR=24					
MSEY	Mahe Island	45.50 266	PFAKE	LR	00 24 40.0	+1.6
MSEY	comp=Z,4um,21.0s					
JNU	Nakatsue	45.51 36	P	P	00 24 24.6	+1.0
JNU	comp=Z,224nm,1.1s,baz=203,slow=3.5,SNR=56					
JNU	comp=Z,3.2nm,0.6s,baz=184,slow=3.1,SNR=4.1					
JNU	Nakatsue	45.51 36	eP	P	00 24 24.5	+1.0
JNU	comp=Z,287nm,1.0s					
DL2	Dalian	45.63 23	PP	P	00 24 23.7	-0.6
DL2			PP	PP	00 26 11.3	-0.6
DL2			ScP	ScP	00 29 49.7	-1.9
DL2			S	S	00 31 01.4	-2.6
DL2			pmax	pmax		
DL2	comp=Z,160nm,1.0s					
DL2	comp=Z,1um,6.8s					
DL2	comp=Z,5um,18.0s					
DL2	comp=Z,3um,16.5s					
DL2	comp=Z,7um,21.0s					
PMG	Port Moresby	46.29 100	P	P	00 24 27.1	-2.8
PMG	comp=Z,29nm,0.7s,baz=328,slow=2.3,SNR=6.9					
PMG	Port Moresby	46.29 100	eP	P	00 24 29.0	-0.9
PMG	comp=Z,85nm,0.8s					
PMG	Port Moresby	46.29 100	eP	P	00 24 29.2	-0.7
PMG	comp=Z,41nm,0.8s					
PMG	comp=Z,1um,19.0s					
GUMO	Guam	46.42 68	P	P	00 24 28.7	-2.3
GUMO	comp=Z,146nm,0.5s,baz=169,slow=9.6,SNR=13					
GUMO	Guam	46.42 68	eP	P	00 24 28.7	-2.3
GUMO	comp=Z,130nm,0.7s					
GUMO	Guam	46.42 68	eP	P	00 24 28.7	-2.3
GUMO	comp=Z,130nm,0.7s					
INCN	Inchon	46.58 28	P	P	00 24 31.8	-0.1
INCN	comp=Z,8um,18.6s					
INCN	Inchon	46.58 28	P	P	00 24 31.8	-0.1
INCN	comp=Z,8um,18.6s					
INCN	Inchon	46.58 28	eP	P	00 24 32.6	+0.7
INCN	comp=Z,406nm,1.8s					
INCN	comp=Z,3um,19.0s					
HTT	Hallett	46.70 135	P	P	00 24 33.0	0.0
HTT	baz=47,SNR=25					
KS15	Wonju Array Si	47.15 29	eP	P	00 24 37.2	+0.9
KSAR	Wonju Array Be	47.15 29	P	P	00 24 37.1	+0.8
KSAR	Wonju Array Be	47.15 29	P	P	00 24 37.1	+0.8
KSRS	Korea Array	47.18 29	P	P	00 24 37.1	+0.6
KSRS	comp=Z,53nm,1.0s,baz=225,slow=7.8,SNR=6.8					
KSRS	comp=Z,5.8nm,0.9s,baz=211,slow=4.2,SNR=7.4					
KSRS	comp=Z,2um,18.4s,baz=242,slow=39					
KS01	Wonju Array Si	47.19 29	P	P	00 24 36.4	-0.2
CTA	Charters Tower	47.32 115	P	P	00 24 37.2	-0.7
CTA	comp=Z,8.1nm,0.7s,baz=36,slow=3.6,SNR=2.6					
CTA	Charters Tower	47.32 115	eP	P	00 24 37.3	-0.7
CTA	comp=Z,130nm,0.9s					
CTA	Charters Tower	47.32 115	eP	P	00 24 37.3	-0.7
CTA	comp=Z,126nm,0.8s					
CTA	comp=Z,2um,22.0s					
QLP	Qulipie	47.65 124	P	P	00 24 40.3	-0.1
QLP	baz=48,SNR=25					
KBL	Kabul	47.78 324	eP	P	00 24 42.2	+0.7
KBL			pmax	pmax		
KBL	comp=Z,100nm,1.1s					
KBL	Kabul	47.78 324	eP	P	00 24 42.2	+0.7
KBL	comp=Z,105nm,1.1s					

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASHO, HATD, FAQ, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like IRK, CAN, OPO, ABPO, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YSS, CLNS, FURI, KUR, and many others.

YAK	comp=E,89nm,2.0s	68.25	14	eP	P	00 27 03.1	-1.0
YAK	Yakutsk						
YAK	comp=Z,452nm,0.9s			LR	LR		
ARU	Arti	68.34	336	P	P	00 27 04.8	0.0
ARU	Arti					00 27 04.7	-0.1
ARU	comp=Z,45nm,0.6s,baz=131,slow=3.7,SNR=133					00 27 29.8	
ARU	Arti					00 29 36.2	
ARU				e	PPP	00 31 21.8	
ARU				eS	SS	00 36 04.7	+2.0
ARU				e	SS	00 40 24.3	-2.5
ARU	comp=Z,318nm,1.7s			MLR	MLR		
ARU	Arti	68.34	336	eP	P	00 27 04.5	-0.3
ARU	comp=Z,129nm,0.9s			LR	LR		
ARU	Arti						
ZEI	Tsey	68.52	318	eP	P	00 27 06.4	-0.1
ZEI							
SFNV	Sufian	68.72	311	eP	P	00 27 08.6	+0.9
ONI	Oni	68.73	318	eP	P	00 27 09.0	+1.4
ONI	Oni			S	S	00 36 08.0	+0.6
ONI	Oni	68.73	318	P	P	00 27 09.0	+1.4
EPOS	Posof	68.77	317	P	P	00 27 09.1	+1.1
EPOS	Posof	68.77	317	P	P	00 27 09.1	+1.1
NCK	Nalchik	69.03	319c	iP	P	00 27 09.9	+0.5
NCK							
NEY	comp=Z,48nm,0.8s						
NEY	Neytrino	69.50	318c	iP	P	00 27 14.0	+1.5
KBZ	Khabaz	69.58	319	P	P	00 27 13.7	+0.9
KBZ	comp=Z,53nm,0.7s,baz=118,slow=7.0,SNR=91					00 55 19.2	
KBZ	comp=Z,1.0nm,0.5s,baz=270,slow=5.7,SNR=3.8					01 01 42.3	
CHVG	Ch'k'valeri	69.70	318	P	P	00 27 15.7	+2.2
ZALF	Zalf	69.76	307	P	P	00 27 15.3	+1.2
MAW	Mawson	69.78	195	P	P	00 27 14.4	+0.9
MAW	comp=Z,7.1nm,0.9s,baz=29,slow=7.9,SNR=14					00 51 28.8	
MAW	comp=Z,3um,21.8s,baz=28,slow=30					00 55 14.2	
MAW	comp=Z,9.1nm,1.1s,baz=247,slow=4.5,SNR=11					00 27 14.6	+1.1
MAW	Mawson	69.78	195	P	P	00 27 14.8	+1.2
MAW	comp=Z,7.6nm,1.1s			LR	LR		
KIV	comp=Z,900nm,22.0s					00 27 15.2	+0.8
KIV	Kislovodsk	69.82	319	iP	P	00 27 15.0	+0.6
KIV	Kislovodsk	69.82	319c	iP	P	00 27 29.8	-2.3
KIV	Kiv			i*SP	sP	00 27 29.8	-2.3
KIV	Kiv			e		00 27 44.0	
KIV	Kiv			i/S	S	00 36 20.2	-0.6
KIV	Kiv			i/PS	S	00 36 47.3	-4.5
KIV	Kiv			e		00 37 01.7	
KIV	comp=Z,252nm,2.5s						
KIV	comp=Z,636nm,21.0s			MLR	MLR		
KIV	Kislovodsk	69.82	319	P	P	00 27 15.2	+0.8
KIV	SNR=23					00 27 15.2	+0.8
KIV	Kislovodsk	69.82	319	P	P	00 27 15.2	+0.8
KIV	Kislovodsk	69.82	319	eP	P	00 27 15.2	+0.8
KIV	Kislovodsk	69.82	319	P	P	00 27 17.0	+1.3
SURC	SANLUJIFA_SURC	70.01	311	iP	P	00 27 16.3	+0.6
GOF	Gofitskoye	70.06	320	iP	P	00 36 22.4	-1.0
GOF							
GOF	comp=Z,244nm,1.8s						
GOF	comp=N,96nm,1.8s			smax	smax		
GOF	comp=N,96nm,1.8s				smax		
ROOS	ti_siroos	70.17	308	eP	P	00 27 17.9	+1.2
SALA	Sala	70.18	306	eP	P	00 27 18.1	+1.1
RABH	Abou Rabah	70.32	308	eP	P	00 27 16.1	-1.4
TOTH	TOTAH	70.61	307	eP	P	00 27 19.8	+0.4
TCHB	Talchebab	70.79	306	eP	P	00 27 19.6	-0.8
EIL	Elat	70.82	303	LR	LR	01 00 38.4	
KEMA	Kemaliye	70.92	313	iP	P	00 27 22.2	+1.0
SKR	Severo-Kuril's	70.95	330c	iP	P	00 27 21.5	+0.6
SKR						00 27 31.9	
SKR						00 37 07.6	
SKR	comp=Z,2um,3.4s						
SKR	comp=Z,544nm,1.0s						
SKR	comp=Z,400nm,5.0s						
GZT	Gaziantep	70.96	311	iP	P	00 27 23.0	+1.4
KUZU	Kuziuni	71.15	310	iP	P	00 27 23.9	+1.4
SOKR	Solikamsk	71.20	338c	iP	S	00 27 20.7	-1.6
SOKR						00 36 32.0	-4.0
SOKR	comp=Z,160nm,0.8s						
SOKR	comp=Z,2um,18.0s						
MMAI	Mount Meron Ar	71.34	306	LR	LR	01 00 37.2	
BTCH	Batrach	71.39	309	eP	P	00 27 24.0	-0.1
DCZ	Deep Cove	71.40	337	eP	P	00 27 22.8	-1.1
DCZ	comp=Z,52nm,1.0s						
DCZ	Susehri	71.45	314	eP	P	00 27 36.1	-0.5
HCB	Kahramanmara	71.45	311	iP	P	00 27 25.6	+1.1
SOC	Sochi	71.46	318c	iP	P	00 27 24.1	+0.8
SOC				i*PP	sP	00 27 34.8	-3.3
SOC				e*SP	eP	00 27 40.2	-2.9
SOC				e		00 30 03.1	
SOC				i/S	S	00 36 38.7	-3.0
SOC				e*SS	SS	00 37 05.3	+2.2
SOC				eSS	SS	00 41 16.1	-1.9
SOC	comp=Z,89nm,0.6s						
SOC	comp=Z,660nm,20.0s			MLR	MLR		
YAYL	Yayladag	71.66	309	iP	P	00 27 24.1	-1.7
CUKAN	kangal_SIVAS	71.68	313	iP	P	00 27 26.8	+0.9
ARNB	Aj Arnab	71.71	309	eP	P	00 27 26.8	+0.6
ANDN	Andrin	71.95	311	iP	P	00 27 28.6	+1.2
MLZ	Mavora Lakes	72.03	317	eP	P	00 27 29.1	+1.4
MLZ	comp=Z,105nm,1.4s						
MLZ	comp=Z,2um,19.0s			LR	LR		
WHZ	Wether Hill Ro	72.05	138	eP	P	00 27 28.4	+0.7
CUALT	Altinyayla-SIV	72.19	313	iP	P	00 27 30.1	+1.2
CUALT	Altinyayla-SIV	72.19	313	iP	P	00 27 30.1	+1.2
WKZ	Wanaka	72.51	136	eP	P	00 27 30.0	-0.6
WKZ	comp=Z,225nm,1.8s						
WKZ				eP	P	00 27 42.0	-1.5
WKZ				LR	LR		
NRIK	Noril'sk	72.57	355	P	P	00 27 30.2	-0.1
NRIK	comp=Z,60nm,0.5s,baz=158,slow=4.9,SNR=113					00 36 48.6	-2.9
NRIK	comp=Z,3.7nm,0.9s,baz=319,slow=23,SNR=7.6					01 02 57.7	
NRIK	comp=Z,2um,18.4s,baz=166,slow=39						
AKO	Adana	72.60	311	iP	P	00 27 31.9	+0.7
CUSAR	Karskila-SIVAS	72.61	313	iP	P	00 27 32.0	+0.6
LSZ	Lusaka	72.73	255	eP	P	00 27 33.7	+1.2
LSZ	comp=Z,91nm,1.6s						
LSZ	comp=Z,91nm,1.6s					00 27 33.7	+1.2
LSZ	comp=Z,2um,21.0s			LR	LR		
TOKA	Tokat	72.73	314	iP	P	00 27 32.8	+0.8
TOKA	Tokat	72.73	314	P	P	00 27 32.8	+0.8
FOZ	Fox Glacier	72.77	135	PFAKE	P	00 27 40.0	+7.9
FOZ				LR	LR		

PEAO	comp=Z,2um,20.0s						
PEAOB	Petropavlovsk-	73.00	32	eP	P	00 27 32.5	-0.8
PEAOB	Petropavlovsk-	73.00	32	eP	P	00 27 33.2	-0.1
PEAOB	comp=Z,79nm,0.8s			LR	LR		
PEAOB	comp=Z,1um,21.0s						
PETK	Petropavlovsk-	73.00	32	P	P	00 27 33.1	-0.1
PETK	comp=Z,56nm,0.6s,baz=210,slow=1.6,SNR=66					01 00 00.9	
PETK	comp=Z,984nm,21.8s,baz=270,slow=36						
PETK	Petropavlovsk-	73.00	32	P	P	00 27 33.1	-0.1
PETK							
PETK	comp=Z,53nm,0.6s						
PETK	comp=Z,984nm,21.8s			MLR	MLR		
LBZ	Lake Benmore	73.22	136	eP	P	00 27 35.3	+0.5
LBZ	comp=Z,149nm,1.6s						
MA2	Magadan	73.32	24	P	P	00 27 35.9	+0.8
MA2	comp=Z,2um,22.0s						
MA2	comp=Z,132nm,0.7s,baz=227,slow=5.9,SNR=56					00 27 36.2	+0.3
PET	Petropavlovsk	73.46	32a	iP	P	00 30 22.8	
PET				eS	S	00 37 01.7	-0.5
PET				ePS	PnS	00 37 34.7	-4.6
PET				ePPS	PPS	00 37 47.4	
PET					pmax		
PET	comp=Z,1um,6.5s						
PET	comp=Z,358nm,0.7s						
PET							
PET	comp=Z,600nm,17.9s						
PET	comp=Z,300nm,12.2s						
PET	comp=Z,2um,10.0s						
PET	comp=Z,1um,16.0s						
PET	Petropavlovsk	73.46	32	eP	P	00 27 36.0	0.0
PET	comp=Z,236nm,0.8s						
PET							
HAVZ	Havza	73.52	314	iP	P	00 27 37.4	+0.7
CSS	Mathiatis	73.53	308	P	P	00 27 37.4	+0.6
CSS	Mathiatis	73.53	308	eP	P	00 27 37.7	+0.9
CSS	comp=Z,31nm,1.1s						
VRH	Novokhopovsk	73.56	326	eP	P	00 27 36.6	+0.1
VRH				eS	S	00 36 57.5	-5.9
VRH							
VRH	comp=Z,350nm,0.6s						
VRH	comp=Z,340nm,0.6s						
VRH	comp=N,310nm,1.3s			smax	smax		
VRH	Anapa	73.61	318	eP	P	00 27 33.7	-3.3
ANN				e*PP	pP	00 27 45.0	-4.9
ANN				e		00 27 50.3	
ANN				eS	SKIKP	00 37 00.2	-3.5
ANN					pmax		
MAMC	Mammara	73.67	308	P	P	00 27 36.8	+1.0
ODZ	Omaha Downs	73.69	136	eP	P	00 27 38.8	-0.7
ODZ							
ODZ	Rata Peaks	73.69	135	eP	P	00 27 49.1	-1.3
RPZ	comp=Z,25nm,0.8s,baz=262,slow=4.1					00 27 38.3	+0.7
RPZ	Rata Peaks	73.69	135	eP	P	00 27 38.0	+0.4
RPZ	comp=Z,264nm,1.6s						
RPZ	comp=Z,2um,22.0s			LR	LR		
COAL	Corum-Alaca	73.73	131	iP	P	00 27 39.0	+0.7
SZAC	Soumi	73.83	307	P	P	00 27 39.6	+1.0
CDAC	Ciekdag	74.05	312	iP	P	00 27 40.8	+0.9
ALFC	Aleferka	74.16	306	P	P	00 27 40.8	+0.3
OULZ	Omahuta	74.16	126	PFAKE	LR	00 27 50.0	-1.0
OULZ							
AKSY	AKSARAY - Ali	74.22	311	iP	P	00 27 41.3	+0.5
ERMK	Ermenek	74.31	309	iP	P	00 27 42.1	+1.0
OXZ	Oxford	74.31	134	eP	P	00 27 42.1	+1.0
OXZ	comp=Z,63nm,0.7s						
AKKM	Akamias	74.34	307	P	P	00 27 41.7	+0.2
LTZ	Lake Taylor	74.37	134	eP	P	00 27 42.3	+0.6
LTZ	comp=Z,69nm,1.4s			LR	LR		
BR131	Keskin Array S	74.62	312	eP	P	00 27 43.0	-0.2
BRTR	Keskin Array B	74.62	312	eP	P	00 27 43.0	-0.2
BRTR	comp=Z,41nm,0.7s,baz=135,slow=7.0,SNR=261					01 02 36.4	
BRTR	comp=Z,362nm,20.5s,baz=97,slow=37	</					

BRG	comp=Z,231nm,1.8s	SKS	S	00 39 49.0	-6.6
BRG		S	ScS	00 40 16.0	+1.7
BRG	Berggiesshubel	90.31 321	iP	00 29 05.8	+1.3
BRG			P	00 39 49.0	
BRG	comp=Z,231nm,1.8s		pmax		pmax
BRG	comp=N,519nm,20.7s		MLR		MLR
BRG	comp=E,1µm,23.1s		MLR		MLR
BRG	comp=Z,1µm,20.8s		MLR		MLR
GEAD	GERESS Array S	90.33 319	eP	00 29 04.8	+0.1
GECS	GERESS Array S	90.33 319	eP	00 29 05.7	+0.9
GECC	GERESS Array S	90.33 319	eP	00 29 05.7	+0.9
GECC	comp=Z,218nm,1.7s		LR		LR
GERES	GERESS Array B	90.33 319	P	00 29 05.7	+0.9
KHC	Kasperske Hory	90.43 319	iP	00 29 06.1	+0.9
KHC			eP	00 29 15.6	-2.7
KHC			eP	00 29 19.3	-3.9
KHC			eP	00 32 59.9	-4.4
KHC			eSKS	00 39 32.5	-0.6
KHC			eS	00 39 57.1	+0.2
KHC			AMS	01 19 00.0	
KHC	comp=Z,1µm,19.7s		KHC		KHC
KHC	Kasperske Hory	90.43 319	eP	00 29 06.1	+0.9
KHC			e	00 29 19.3	
KHC			e	00 32 59.9	
KHC			e	00 39 32.5	
KHC			eS	00 39 57.1	+0.2
KHC			MLR		MLR
KHC	comp=Z,1µm,19.7s		KHC		KHC
KHC	Kasperske Hory	90.43 319	eP	00 29 06.1	+0.9
KHC			LR		LR
KHC	comp=Z,65nm,2.0s		LR		LR
BJO	Bjornoya	90.49 345	IVMs_BB	01 15 40.8	
RGN	Rugen	90.93 324	PFAKE	00 29 20.0	+1.3
RGN			LR		LR
CLR	Colim	90.93 321	iP	00 29 08.0	+0.6
CLR			e	00 29 22.0	
CLR			iS	00 39 32.9	
CLR			iS	00 39 59.9	-1.4
CLR			pmax		pmax
CLR	comp=Z,73nm,1.4s		MLR		MLR
CLR	comp=Z,1µm,21.4s		CLR		CLR
CLR	Colim	90.93 321	eP	00 29 07.5	+0.2
CLR			LR		LR
CLR	comp=Z,58nm,1.3s		CLR		CLR
CLR	Colim	90.93 321	iP	00 29 08.0	+0.6
CLR			eP	00 29 22.0	+1.4
CLR			e	00 32 36.0	
CLR			ePP	00 32 45.0	+1.2
CLR			i/SKSac	00 39 32.9	-2.9
CLR			iS	00 39 59.9	-1.4
CLR			eP	00 40 35.0	
CLR			eSS	00 50 00.0	
CLR			eSSSS	00 53 00.0	
CLR			Lm	01 17 00.0	
CLR	comp=N,500nm,20.4s		CLR		CLR
CLR	comp=E,800nm,21.7s		Lm	01 17 00.0	
CLR	comp=Z,1µm,21.4s		CLR		CLR
STEI	Steigen	90.98 338	iP	00 29 07.7	+0.5
STEI			IAMB	00 29 08.6	
NKC	Novy Kostel	91.22 320	iP	00 29 10.0	+1.2
NKC			eSKS	00 39 37.1	+0.5
NKC			eS	00 40 05.4	+1.3
NKC			AMS	01 17 00.0	
NKC	Novy Kostel	91.22 320	eP	00 29 10.0	+1.2
NKC			eS	00 39 37.1	
NKC			MLR	00 40 05.4	+1.3
NKC			MLR		MLR
COP	Copenhagen	91.50 326	iP	00 29 11.7	+1.8
COP			iP	00 29 11.7	+1.8
COP			MLR		MLR
COP	comp=Z,550nm,20.0s		COP		COP
SPA0	Spitsbergen Ar	91.62 348	iP	00 29 09.6	-0.4
SPA0			IAMB	00 29 10.6	
SPA0	comp=Z,65nm,1.0s		IVMs_BB	01 12 43.3	
SPA0	comp=Z,800nm,21.0s		SPA0		SPA0
SPA0	Spitsbergen Ar	91.62 348	eP	00 29 10.0	-0.1
SPA0			eP	00 29 09.7	-0.4
SPA0			i	00 39 37.1	
SPA0			i	00 39 59.9	
LOF	Lofoten	91.64 338	iP	00 29 09.8	-0.4
LOF			IAMB	00 29 11.3	
LOF	comp=Z,40nm,0.9s		LOF		LOF
LOF			ePP	00 32 50.9	+1.9
LOF			eSKSac	00 39 35.8	-3.3
LOF			IVMs_BB	01 14 07.2	
LOF	comp=Z,477nm,25.3s		LOF		LOF
HSPB	Hornsund (broa)	91.69 347	eP	00 29 10.4	0.0
HSPB			IAMB	00 29 27.6	
HSPB	comp=Z,53nm,1.4s		IVMs_BB	01 11 43.9	
HSPB	comp=Z,743nm,37.8s		HSPB		HSPB
KONS	Konsvik	91.71 336	eP	00 29 11.1	+0.5
KONS			IAMB	00 29 12.1	
SNA	Sanae	91.71 198	P	00 29 13.3	+2.6
SNA			P	00 29 12.5	+1.8
SNA			pmax		pmax
SNA	comp=Z,121nm,1.0s		SNA		SNA
SNA	Sanae	91.71 198	eP	00 29 12.8	+2.1
STOK	Stokkvaagen	91.74 336	eP	00 29 11.3	+0.5
STOK			IAMB	00 29 12.1	
STOK	comp=Z,30nm,0.7s		STOK		STOK
STOK			eP	00 29 22.9	-1.1
STOK			eSKSac	00 39 38.0	-1.7
GRFO	Grafenberg	91.99 319	eP	00 29 13.6	+1.2
GRFO			eP	00 29 13.6	+1.2
GRFO	comp=Z,53nm,1.1s		GRFO		GRFO
GRFO			LR		LR
NC602	NORSAR Array S	92.17 331	iP	00 29 13.1	+0.2
NC602			IAMB	00 29 14.2	
NC602	comp=Z,34nm,0.9s		NC602		NC602
NC602			ePP	00 32 56.4	+3.0
NC602			eSKSac	00 39 40.0	-2.4
NC602			IVMs_BB	01 19 12.2	
NC602	comp=Z,418nm,17.8s		NC602		NC602
NIKH	NORSAR Array S	92.17 331	eP	00 29 13.1	+0.2
NIKH			eP	00 29 13.2	-0.3
NIKH	Nikolski High	92.27 37	eP		
NIKH	comp=Z,196nm,0.9s		NIKH		NIKH
NIKH			LR		LR
NB2	NORSAR Subarra	92.34 331	P	00 29 13.8	0.0
NB2			P	00 29 13.8	0.0
NB2	comp=Z,30nm,0.8s,baz=94,slow=4.6		NB2		NB2
NB2	NORSAR Subarra	92.34 331	P	00 29 13.8	0.0
NB2			P	00 29 13.7	0.0
NOA	NORSAR Array B	92.34 331	P	00 29 13.7	0.0
NOA			P	00 29 13.7	0.0
VLC	Villacollemand	92.40 314	PFAKE	00 29 30.0	+1.6
VLC			LR		LR
VLC	comp=Z,500nm,22.0s		VLC		VLC
FUORN	Ofenpass-Fuorn	92.55 316	eP	00 29 16.2	+0.9
FUORN			eP	00 29 16.2	+0.9
KBS	Kingsbay	92.55 349	eP	00 29 14.9	+0.6
KBS			IVMs_BB	01 18 51.6	
KBS	comp=Z,866nm,13.6s		KBS		KBS
KBS	Kingsbay	92.55 349	PFAKE	00 29 30.0	+1.6
KBS			LR		LR
OSL	Oslo	92.56 330	eP	00 29 15.5	+0.8
OSL			IAMB	00 29 16.4	
OSL	comp=Z,324nm,2.0s		OSL		OSL
TBLU	Trondheim	92.83 333	eP	00 29 16.2	+0.3
TBLU			IAMB	00 29 17.3	
TBLU	comp=Z,201nm,2.2s		TBLU		TBLU

TBLU		eSKSac	SKSac	00 39 44.5	-1.5
TBLU		IVMs_BB	IVMs_BB	01 14 59.7	
KEST	comp=Z,753nm,20.9s		KEST		KEST
KEST	Kesra	92.99 305	P	00 29 19.3	+1.9
KEST		comp=Z,18nm,1.0s,baz=33,slow=2.9,SNR=17	P	00 29 19.1	+1.7
KEST	Kesra	92.99 305	eP	00 29 19.1	+1.7
KONO	Kongsberg	93.12 329	iP	00 29 17.7	+0.4
KONO			IAMB	00 29 18.6	
KONO	comp=Z,41nm,0.8s		KONO		KONO
KONO			eSP	00 29 34.6	-0.8
KONO			ePP	00 33 05.2	+4.3
KONO			eSKSac	00 39 45.4	+2.3
KONO			IVMs_BB	01 15 04.8	
KONO	comp=Z,389nm,23.8s		KONO		KONO
KONO	Kongsberg	93.12 329	eP	00 29 17.9	+0.6
KONO			eP	00 29 17.9	+0.6
KONO	Kongsberg	93.12 329	eP	00 29 17.9	+0.6
KONO			LR		LR
KONO	comp=Z,1µm,20.0s		KONO		KONO
STU	Stuttgart	93.30 319	eP	00 29 19.5	+1.1
STU			eP	00 29 19.5	+1.1
STU	Stuttgart	93.30 319	eP	00 29 19.5	+1.1
STU			LR		LR
STU	comp=Z,500nm,20.0s		STU		STU
MUD	Monsted U'grnd	93.34 326	iP	00 29 20.9	+2.5
MUD			iP	00 29 20.9	+2.5
MUD	Monsted U'grnd	93.34 326	iP	00 29 20.9	+2.5
MUD			MLR		MLR
MUD	comp=Z,1µm,19.0s		MUD		MUD
MUD	Unalaska Vaile	93.69 36	PFAKE	00 29 30.0	+1.0
MUD			LR		LR
HOMB	Homborsund	93.69 328	iP	00 29 20.3	+0.4
HOMB			IVMs_BB	01 12 30.4	
HOMB	comp=Z,1µm,21.0s		HOMB		HOMB
HOMB			IVMs_BB	01 12 30.4	
VNA1	Neumayer-Stat	93.69 198	P	00 29 21.2	+1.4
BFO	Black Forest	93.87 318	eP	00 29 21.7	+0.6
BFO			eP	00 29 21.3	+0.2
BFO	Black Forest	93.87 318	eP	00 29 21.3	+0.2
BFO			LR		LR
BFO	comp=Z,95nm,2.0s		BFO		BFO
MOL	Molde	94.08 332	eP	00 29 22.3	+0.7
MOL			IAMB	00 29 23.6	
MOL	comp=Z,161nm,1.7s		MOL		MOL
LANF	Langenberg	94.22 319	eP	00 29 23.4	+0.7
STR	Strasbourg	94.25 318	eP	00 29 23.7	+0.9
AKN	Aaknes	94.35 332	iP	00 29 23.9	+0.9
AKN			IAMB	00 29 25.1	
AKN	comp=Z,29nm,0.8s		AKN		AKN
AKN			IVMs_BB	01 17 11.4	
AKN	comp=Z,696nm,21.6s		AKN		AKN
SNART	Snartrato	94.38 328	eP	00 29 23.6	+0.5
WLS	Welschbruch	94.52 318	eP	00 29 23.9	-0.2
SENIN	Lac Senin/Sane	94.59 316	eP	00 29 25.6	+0.9
SENIN	comp=Z,13nm,0.9s		SENIN		SENIN
SENIN			LR		LR
SENIN	comp=Z,500nm,21.0s		SENIN		SENIN
ODD1	Odda	94.62 330	eP	00 29 25.7	+1.4
ODD1			IAMB	00 29 25.9	
ODD1	comp=Z,20nm,1.2s		ODD1		ODD1
ECH	Echery	94.66 318	eP	00 29 25.0	+0.3
MOF	Molkenrain	94.68 318	eP	00 29 25.4	+0.5
BLSS	Blasjo	94.73 329	iP	00 29 25.5	+0.8
BLSS			IAMB	00 29 26.8	
BLSS	comp=Z,34nm,1.0s		BLSS		BLSS
BLSS			eSKSac	00 39 56.4	-0.2
BLSS			IVMs_BB	01 17 22.2	
LOMF	Lomont	94.90 317	eP	00 29 26.6	+0.7
STAV	Stavanger	95.14 329	eP	00 29 27.0	+0.5
STAV			IAMB	00 29 28.1	
STAV	comp=Z,44nm,1.3s		STAV		STAV
STAV			IVMs_BB	01 19 03.8	
STAV	comp=Z,366nm,14.5s		STAV		STAV
BER	Bergen	95.24 330	eP	00 29 27.4	+0.4
BER			IAMB	00 29 28.6	
BER	comp=Z,31nm,1.3s		BER		BER
BER			IVMs_BB	01 18 18.6	
BER	comp=Z,381nm,20.4s		BER		BER
WLF	Wallerfange	95.28 319	P	00 29 29.2	+1.7
WLF			P	00 29 29.0	+1.5
WLF	Wallerfange	95.28 319	eP	00 29 29.0	+1.5
WLF			LR		LR
WLF	comp=Z,56nm,1.6s		WLF		WLF
FOO	Flo	95.30 331	iP	00 29 27.9	+0.6
FOO			IAMB	00 29 29.2	
FOO	comp=Z,32nm,1.2s		FOO		FOO
FOO			ePP	00 33 19.7	+1.9
FOO			IVMs_BB	01 16 27.1	
MEM	Membach	95.34 320	P	00 29 29.0	+1.2
KMY	Karmoy	95.36 329	eP	00 29 28.4	+0.8
KMY			IAMB	00 29 29.0	
KMY	comp=Z,3.9nm,1.2s		KMY		KMY
THEF	They Montfort	95.44 318	eP	00 29 28.6	+0.3
SUE	Sulen	95.48 331	IVMs_BB	0	

2011 AUG

4d 0h	ERPA	LR	LR						
Q35A	comp-Z,2um,22.0s Mercer Eighty, baz=330	140.87	21	P	PKPpre	00 35 25.7			
R34A	Isabel Hill baz=332	140.90	23	P	PKPpre	00 35 25.5			
Q36A	Arnold C. Orve baz=333	140.98	21	P	PKPpre	00 35 24.7			
P08A	Dawn baz=336	141.02	18	P	PKPpre	00 35 23.9			
A34A	La Belle baz=339	141.04	16	P	PKPpre	00 35 25.1			
T32A	Huddler Ranch, baz=327	141.16	26	P	PKPpre	00 35 26.2			
S33A	Kaszaul Farm, baz=329	141.20	24	P	PKPpre	00 35 25.4			
HD1L	Hopedale baz=343	141.26	13	P	PKPpre	00 35 25.5			
HD1L	Hopedale	141.26	13	ePKPpre	LR	00 35 27.1			
YLE	Yale	141.27	353	PFAKE	LR	00 35 50.0 +16			
R35A	comp-Z,400nm,22.0s Emporia Munci baz=332	141.28	22	P	PKPpre	00 35 25.3			
KSPA	Keystone Colle KSPA	141.30	356	PFAKE	LR	00 35 50.0 +15			
O41A	Passleys Farm, baz=341	141.31	15	P	PKPpre	00 35 24.8			
P37B	Salisbury baz=338	141.38	17	P	PKPpre	00 35 25.2			
Q39A	Longview Farm, baz=335	141.40	20	P	PKPpre	00 35 25.2			
O42A	Bath baz=342	141.43	14	P	PKPpre	00 35 25.5			
M54A	Oil Creek Stat baz=359	141.45	1	P	PKPpre	00 35 28.0			
R34A	Willow Spring baz=330	141.47	23	P	PKPpre	00 35 25.6			
S36A	Gordon, Harris baz=333	141.53	21	P	PKPpre	00 35 27.4			
T33A	Patterson Ranc baz=328	141.54	25	P	PKPpre	00 35 27.4			
P40A	Paris baz=339	141.54	16	P	PKPpre	00 35 26.9			
Q38A	Cooks Store, C baz=336,SNR=5.8	141.60	19	P	PKPpre	00 35 26.3			
P41A	Barry, Barry baz=340	141.68	15	P	PKPpre	00 35 26.7			
ODNJ	Ogdensburg	141.68	355	PFAKE	LR	00 35 50.0 +15			
PAL	Palisades	141.69	354	PFAKE	LR	00 35 50.0 +15			
AMTX	Amarillo	141.72	31	P	PKPpre	00 35 28.2			
AMTX	Amarillo	141.72	31	PFAKE	LR	00 35 50.0 +14			
Q39A	Willow Grove F baz=337	141.72	18	P	PKPpre	00 35 27.5			
R37A	Teagarden Farm baz=334,SNR=5.8	141.78	20	P	PKPpre	00 35 27.5			
U32A	Winter Ranch, baz=326	141.80	27	P	PKPpre	00 35 28.6			
S35A	Otter Creek Ra baz=331,SNR=14	141.80	23	P	PKPpre	00 35 27.6			
MSTX	Muleshoe baz=319	141.84	33	P	PKPpre	00 35 29.1			
MSTX	Muleshoe	141.84	33	PFAKE	LR	00 35 50.0 +14			
SFIN	Lafayette	141.87	10	P	PKPpre	00 35 28.4			
SFIN	Lafayette	141.87	10	ePKPpre	LR	00 35 30.3			
N59A	State Game Lan baz=5-1	141.94	356	P	PKPpre	00 35 28.9			
P42A	Winchester baz=341	141.94	14	P	PKPpre	00 35 28.8			
MNTX	Cornudas Mount baz=314	141.98	38	P	PKPpre	00 35 29.3			
MNTX	Cornudas Mount	141.98	38	ePKPpdf	LR	00 35 33.8			
N54A	Moraine State baz=358	141.99	1	P	PKPpre	00 35 28.7			
T34A	McCleaskey Farm baz=330	142.03	24	P	PKPpre	00 35 28.5			
S36A	Lake Cedric, C baz=332,SNR=9.9	142.03	22	P	PKPpre	00 35 28.2			
Q40A	Laux Farm, Aux baz=338	142.03	17	P	PKPpre	00 35 28.2			
BRNJ	Basking Ridge	142.07	355	PFAKE	LR	00 35 50.0 +14			
U33A	Lingo Farm, Me baz=328	142.14	26	P	PKPpre	00 35 28.4			
R38A	Fenwick Farm, baz=335,SNR=9.2	142.21	19	P	PKPpre	00 35 28.4			
LUPA	Lehigh Univer baz=339	142.22	356	PFAKE	LR	00 35 50.0 +14			
S37A	Fort Scott baz=334,SNR=8.7	142.28	21	P	PKPpre	00 35 28.7			
SSPA	Standing Stone	142.31	359	ePKPpre	LR	00 35 30.7			
V32A	Arapaho	142.32	27	P	PKPpre	00 35 29.7			
R39A	Chumby, Stover baz=330	142.37	18	P	PKPpre	00 35 29.8			
U34A	Anderson Ranch baz=329	142.38	25	P	PKPpre	00 35 30.3			
U34A	Anderson Ranch	142.38	25	ePKPpre	LR	00 35 32.6			
T35A	Sooner Cattle baz=330,SNR=9.7	142.39	23	P	PKPpre	00 35 30.6			
Q42A	Boggs Farm, Ca baz=332,SNR=12	142.51	22	P	PKPpre	00 35 30.5			
T36A	Golden Eagle baz=341	142.53	15	P	PKPpre	00 35 30.1			
ACSO	Alum Creek Sta	142.55	5	ePKPpre	LR	00 35 31.8			
V33A	Lossen Ranch, baz=327	142.58	26	P	PKPpre	00 35 30.4			
R40A	Maddies Statio baz=339	142.63	17	P	PKPpre	00 35 30.7			
O56A	Blue Knob Stat baz=0-6	142.69	360	P	PKPpre	00 35 31.6			
Q38A	New Douglas baz=342	142.71	14	P	PKPpre	00 35 31.4			
U33A	Stockton baz=335,SNR=15	142.72	20	P	PKPpre	00 35 30.1			
W32A	Sentinel baz=325	142.72	28	P	PKPpre	00 35 31.8			
U35A	Pawnee baz=330,SNR=16	142.77	24	P	PKPpre	00 35 31.9			
T37A	Cheneyville 18 baz=333,SNR=14	142.81	21	P	PKPpre	00 35 32.1			
S39A	Bolivar baz=336	142.85	19	P	PKPpre	00 35 31.8			
R41A	Rosebud baz=339	142.88	16	P	PKPpre	00 35 32.6			
MVL	Millersville	142.89	357	PFAKE	LR	00 35 50.0 +13			
PSUB	Penn St. - Bra	142.90	356	ePKPpre	LR	00 35 34.4			
V34A	Guthrie baz=328	142.90	25	P	PKPpre	00 35 32.4			
V34A	Guthrie	142.90	25	ePKPpre	LR	00 35 33.5			
O44A	Meyer Farm, Va baz=343	142.91	13	P	PKPpre	00 35 32.4			
AAGR	Agrelo	143.05	194	eP	PKPpdf	00 35 40.5 +2.5			
R42A	Luebbering baz=340	143.06	16	P	PKPab	00 35 32.4 -0.7			
W33A	Caddo, Fort C	143.06	27	P	PKPab	00 35 33.8 +0.6			

T38A	baz=326 Diamond	143.11	21	P	PKPab	00 35 32.7 -0.7			
BLO	Bloomington	143.14	10	ePKPp	MLR	00 35 33.5 +0.1			
BLO	Bloomington	143.14	10	ePKPpre	LR	00 35 33.5 +0.1			
U36A	Oologah baz=331,SNR=7.2	143.15	23	P	PKPab	00 35 33.3 -0.2			
S40A	Lebanon	143.20	18	P	PKPab	00 35 32.9 -0.8			
V35A	Meyer Ranch, C baz=329,SNR=15	143.25	25	P	PKPab	00 35 33.8 -0.1			
WMOK	Wichita Mounta baz=326	143.25	28	ePKPp	MLR	00 35 34.1 +0.1			
WMOK	Wichita Mounta	143.25	28	ePKPp	MLR	00 35 34.1 +0.1			
WMOK	Wichita Mounta	143.25	28	ePKPpre	LR	00 35 34.1 +0.1			
WMOK	Wichita Mounta	143.25	28	ePKPpre	LR	00 35 34.1 +0.1			
OLIL	Olney	143.27	12	ePKPpre	LR	00 35 34.2			
X32A	Elmer	143.27	29	P	PKPab	00 35 34.2 +0.1			
MCWV	Mont Chateau MCWV	143.29	1	PFAKE	LR	00 35 50.0 +12			
W34A	Bridge Creek, baz=327	143.30	26	P	PKPab	00 35 34.7 +0.5			
W34A	Bridge Creek, W34A	143.30	26	ePKPpre	LR	00 35 35.3			
ARCO	CERRO ARCO baz=332,SNR=16	143.31	194	eP	PKPpdf	00 35 38.0 -0.6			
US7A	Galina	143.37	22	P	PKPab	00 35 34.3 -0.2			
T41A	Tanti	143.41	201	eP	PKPpdf	00 35 39.1 +0.4			
SCA	Jillco Farms, baz=338	143.44	17	P	PKPab	00 35 34.0 -0.6			
T39A	Cleaver baz=335	143.44	20	P	PKPab	00 35 34.2 -0.4			
SDMD	Soldier's Deli	143.50	357	PFAKE	LR	00 35 50.0 +12			
R44A	Waltonville baz=343	143.52	13	P	PKPab	00 35 34.6 -0.3			
ASAL	Salagasta	143.53	194	eP	PKPpdf	00 35 39.1 +0.2			
S42A	Ogedonia	143.53	16	P	PKPab	00 35 34.2 -0.8			
X33A	Lawton baz=326	143.55	28	P	PKPab	00 35 34.4 -0.7			
TUL1	Leonard	143.55	23	P	PKPab	00 35 34.6 -0.5			
TUL1	Leonard	143.55	23	ePKPpre	LR	00 35 35.3			
V36A	Jenks baz=331,SNR=26	143.60	24	P	PKPab	00 35 35.0 -0.3			
T40A	Manfield baz=337	143.60	18	P	PKPab	00 35 34.5 -0.8			
U38A	Gravette baz=333,SNR=42	143.61	21	P	PKPab	00 35 34.8 -0.6			
W35A	Tecumseh baz=329,SNR=26	143.76	25	P	PKPab	00 35 35.4 -0.6			
X34A	Smith Ranch, M baz=327	143.80	27	P	PKPab	00 35 36.1 -0.1			
V37A	Hulbert baz=332,SNR=45	143.83	23	P	PKPab	00 35 37.7 -0.5			
S43A	Fulton Ridge, baz=341	143.91	15	P	PKPab	00 35 35.5 -0.9			
HHAR	Hobbs	143.91	21	ePKPpre	LR	00 35 36.0			
Y33A	Hilltop Ranch, baz=325	143.93	28	P	PKPab	00 35 36.3 -0.4			
T41A	Mountain View baz=338	143.93	18	P	PKPab	00 35 36.0 -0.5			
U39A	Green Forest baz=335	143.98	20	P	PKPab	00 35 36.4 -0.4			
SIUC	Southern Illin SIUC	143.99	14	PFAKE	LR	00 35 50.0 +11			
S44A	Carbondale baz=342	144.00	14	P	PKPab	00 35 36.5 -0.2			
AUSP	Uspallata	144.01	194	eP	PKPpdf	00 35 39.8 -0.2			
W36A	Wetumka baz=330,SNR=40	144.04	24	P	PKPab	00 35 36.3 -0.7			
USIN	University of	144.10	12	PFAKE	LR	00 35 50.0 +10			
WCI	Wyandotte Cave	144.10	10	PFAKE	LR	00 35 50.0 +10			
V38A	Canehill baz=333,SNR=73	144.12	22	P	PKPab	00 35 36.4 -0.9			
S45A	Carrier Mills baz=343	144.18	13	P	PKPab	00 35 37.1 -0.4			
U40A	Yellville baz=336	144.22	19	P	PKPab	00 35 36.9 -0.8			
ACHE	Chepe baz=339	144.26	198	eP	PKPpdf	00 35 39.8 -0.5			
CPUP	Villa Florida baz=142nm,0.8s,baz=147,slow=2.6,SNR=19	144.28	215	PKP	PKPbc	00 35 39.3 +0.8			
CPUP	Villa Florida	144.28	215	eP	PKPpdf	00 35 39.8 -0.4			
CPUP	Villa Florida	144.28	215	ePKPpdf	PKPbc	00 35 40.2 0.0			
T43A	Greenville baz=340	144.32	16	P	PKPab	00 35 37.2 -0.8			
X35A	Drake baz=328,SNR=92	144.35	26	P	PKPab	00 35 37.6 -0.6			
W37B	Quinton baz=331,SNR=86	144.36	24	P	PKPab	00 35 38.2 0.0			
Y34A	Reagan Ranch, baz=326	144.37	27	P	PKPab	00 35 38.1 -0.2			
V39A	Pettigrew baz=334,SNR=145	144.42	21	P	PKPab	00 35 37.6 -0.9			
Z33A	Whitaker Ranch baz=324	144.45	29	P	PKPab	00 35 38.2 -0.4			
X36A	Centrahoma baz=333,SNR=77	144.48	25	P	PKPab	00 35 38.4 -0.3			
T44A	Benton baz=342	144.50	15	P	PKPab	00 35 38.2 -0.4			
U41A	Viola baz=337	144.53	18	P	PKPab	00 35 38.4 -0.4			
ABTX	Abilene, Hawle baz=323	144.54	31	P	PKPbc	00 35 39.3 +0.1			
ABTX	Abilene, Hawle	144.54	31	ePKPpdf	LR	00 35 39.0 +0.1			
ABTX	Abilene, Hawle	144.54	31	ePKPpdf	LR	00 35 39.0 +0.1			
PBMO	Poplar Bluff	144.56	16	PFAKE	LR	00 35 50.0 +10			
TX31	Lajitas Ar. Si	144.68							

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BARC Barichara, PAMC Pamplona, BARRC Barranca, RUSC La Rusia, etc.

ISC 04 01:01:32.9, 1.3, 37:05N:140.78E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.4/28, mbtrmp3.5/4, ML3.1/1, Error ellipse: s-maj=27.7km s-min=23.4km az=122.0

JMA 04 01:01:34.4, 37:13N:140.67E, h7km, 1km, M3.1 JMA Felt J1, ISC 04 01:01:34.0, 0.9, 37:10N:0.04:140.68E, 0.04, h10km, 27km, n12, 0.61/21, mb3.6/3, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ONAJ Iwakimizuishi, JNK Kawachi, JFH Hitachi, etc.

ISC 04 01:08:56.2, 26.0, 1.41N:96.67W, h0km, mb3.8/3, mb1 4.3/3, mb1mx3.7/29, mbtrmp3.8/3, MS3.9/3, Ms1 3.9/3, ms1mx3.6/22, Error ellipse: s-maj=1665.0km s-min=134.0km az=92.0

NEIC 04 01:09:01.9, 4.0, 1.72N:97.70W, h10km, mb4.3/2, Error ellipse: s-maj=103.0km s-min=18.4km az=33.0

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

SJA 04 01:23:24.6, 1.8, 30:54S:72:72W, h18km, 47km, ML3.7, MW3.8

GUC 04 01:23:29.2, 0.5, 30:54S:72:19W, h32km, 3km, ML3.6

ISC 04 01:23:27.9, 2.5, 30:58S:0.06:72.3W, 0.2, h19km, n18, 0.244/21, 2C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TLL Las Campanas, LCO El Roble, ROCI Le Roble, etc.

IDC 04 01:35:03.7, 0.6, 3:92N:32:17W, h0km, mb4.4/23, mb1 4.5/24, mb1mx4.4/23, mbtrmp4.4/24, MLS.1/1, MS4.2/16, ms1 4.2/16, ms1mx4.1/27, Error ellipse: s-maj=23.2km s-min=11.2km az=144.0

ISCJB 04 01:35:05.4, 0.3, 3:98N:0:06:32:16W, 0:04, h18km, mb4.6/102, MS4.2/22, Error ellipse: s-maj=9.5km s-min=4.9km az=158.4

GCMT 04 01:35:05.5, 0.2, 3:93N:32:17W, h18km, 1km, MW5.2/95, Moment Tensor Solution. s46, c58; s95, c154; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.08; 18; Mho=0.47; 17; Mbo=0.39; 16; Mro=0.94; 41; Mso=6.41; 18; Mv=1.42; 43; Best double couple: Mo:6.63500e+10^16 NP1:365.00000; s83.00000; A:12.00000; NP2: 6.26700000; s73.00000; A:173.00000; Principal axes: T:6.8610, P1:13.0000, Az:223.0000; N:-0.4510, P1:7.0000; Az:27.0000; P:-6.4090, P1:4.0000; Az:133.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 04 01:35:05.5, 0.2, 3:88N:32:15W, h10km, mb4.8/65 Error ellipse: s-maj=5.7km s-min=3.9km az=155.0

BUJ 04 01:35:05.0, 3:90N:32:20W, h10km, mBS.4/1 ISC 04 01:35:06.0, 4.3, 3:89N:0:07:32:16W, 0:08, h18km, n169, 0.1946/162, mb4.6/102, MS4.3/24, 2C-3D, Central

Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RCBR Riachuelo, RCBR 14nm, RCBR 3.3um, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TKL Tuckaleechee, MOTA Moosalm, ABTA Abtersbach, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like N23A Red Feather La, DGMT Dagmar, LAZ Ladron, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHGR Shooshtar-Gavs, IPIR Pirpir, IRAM Rameshah, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSMN Pico do Norte, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSMN Pico do Norte, PSMN Santa Maria, BART Pico Bartolome, etc.

ISC 04 02:13:27.3.0.8, 301.725:71.42W, h0km, mb3.8/4, mb1.4/1.9, mb1mx3.9/23, mbtm3.9/9, ML4.1/5, Error ellipse: s-maj=37.8km s-min=19.1km az=91.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TLL Tololo Astrono, LCO Las Campanas, LCO Las Campanas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIV San Ignacio, PMSA Palmer Station, SNAASanae, etc.

ISCJB 04 02:31:59.1+0.8, 12.61N:0.09:144.3E:0.1, h30km, mb3.9/15, MS3.7/1, Error ellipse: s-maj=20.1km s-min=9.4km az=30.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, etc.

ISC 04 02:49:48.9.0.7, 38.62N:0.03:39.62E:0.06, h9km, Error ellipse: s-maj=6.5km s-min=4.6km az=172.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTK Pertek, SVRC Sivrice-ELAZID, SVRC Sivrice-ELAZID, etc.

ISCJB 04 02:54:33.2.1.1, 38.24S:0.06:72.6W:0.1, h99km, 12km, Error ellipse: s-maj=15.2km s-min=7.9km az=32.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSCH Puerto Saavedr, PSCH Cavihuue, PSCH Cavihuue, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TAP 04 03:08:50.9, 21.94N:120.92E, h55km, ML3.5, 1D, D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations 4d 3h.

ISN 04 03:12:58.6 1.0, 38.21N;39.71E, h0km, m13km, ML4.4
NEIC 04 03:13:07.0, 38.56N;39.67E, h5km, mb4.1/9, ML4.4(ISK)
After ISK.
MOS 04 03:13:08.8 1.5, 38.39N;39.73E, h10km, mb4.3/18, Error ellipse: s-maj=7.5km s-min=4.9km az=80.8

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations 4d 3h.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations BTMM through ANTO.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations ANTO through AKTO.

C35A	baz=323	Jirik Farms, M	53.59	56	P	P	03 29 10.0	-0.3
BFSO	baz=323	Mount Baldy Ra	53.64	84	P	P	03 29 12.4	+1.4
E33A	baz=324	Westby DABS, E	53.72	58	P	P	03 29 11.3	+0.1
N23A	baz=323	Red Feather La	53.85	70	P	P	03 29 12.5	0.0
C36A	baz=324	Pine Crest Far	54.01	55	P	P	03 29 13.4	+0.1
D35A	baz=324	Remer	54.06	57	P	P	03 29 13.7	0.0
F33A	baz=324	5 Mile Ranch,	54.13	59	P	P	03 29 14.5	+0.3
GMRC	baz=324	Granite Mounta	54.17	82	P	P	03 29 15.7	+0.9
C37A	baz=324	Embarrass	54.29	55	P	P	03 29 15.5	+0.1
FINES	baz=325	FINESS Array B	54.33	336	P	P	03 29 13.8	-1.6
D36A	baz=324	Goodland	54.34	56	P	P	03 29 16.2	+0.4
EYMN	baz=324	Ely	54.39	54	P	P	03 29 16.4	+0.3
EYMN	baz=324	Ely	54.39	54	eP	P	03 29 16.4	+0.3
G33A	baz=324	Ortonville	54.59	60	P	P	03 29 17.6	+0.1
D37A	baz=324	Cotton	54.66	55	P	P	03 29 18.0	-0.1
C38A	baz=324	Sawbill Land.	54.66	54	P	P	03 29 17.9	-0.2
H32A	baz=324	Carlson Farm,	54.72	61	P	P	03 29 18.4	-0.2
F35A	baz=324	Swanville	54.83	58	P	P	03 29 19.8	+0.4
E36A	baz=324	McGregor	54.84	56	P	P	03 29 19.7	+0.3
ISCO	baz=324	Idaho Springs	54.88	70	P	P	03 29 20.8	+0.6
G34A	baz=324	Genson	54.89	59	P	P	03 29 20.0	+0.3
IRM	baz=325	Iron Mountain	54.92	82	P	P	03 29 21.4	+1.2
F36A	baz=325	Milaca	55.26	57	P	P	03 29 22.7	+0.3
PDMCI	baz=325	Parker Dam,Lak	55.29	81	P	P	03 29 23.6	+0.8
H34A	baz=325	Spellman Lake,	55.29	59	P	P	03 29 23.0	+0.3
ABKAR	baz=325	Abkular array	55.63	311	eP	P	03 29 24.7	-0.3
WUAZ	baz=324	Wupatki	55.63	78	P	P	03 29 26.4	+1.0
H35A	baz=324	Sunnyside Ranc	55.66	59	P	P	03 29 25.8	+0.4
IKP	baz=324	In-Ko-Pah, Jac	55.68	84	P	P	03 29 27.6	+1.9
ECSD	baz=325	EROS Data Cent	55.70	61	P	P	03 29 26.2	+0.6
ECSD	baz=324	EROS Data Cent	55.70	61	eP	P	03 29 25.7	+0.1
I34A	baz=324	Hadley	55.77	60	P	P	03 29 26.4	+0.3
S22A	baz=324	4UR Ranch, Cre	55.97	73	P	P	03 29 29.0	+1.0
GLA	baz=325	Glamis	55.98	82	P	P	03 29 28.7	+1.0
L31A	baz=324	Butterfield Fa	56.00	63	P	P	03 29 28.1	+0.3
SPMN	baz=325	Marine on St.	56.08	57	P	P	03 29 28.8	+0.6
SPMN	baz=325	Marine on St.	56.08	57	eP	P	03 29 28.6	+0.3
H36A	baz=325	Jessenland, He	56.14	58	P	P	03 29 29.2	+0.5
I35A	baz=325	Creekview Farm	56.29	60	P	P	03 29 29.9	+0.1
J34A	baz=325	George	56.34	61	P	P	03 29 30.3	+0.1
SDCO	baz=325	Great Sand Dun	56.59	72	P	P	03 29 33.3	+0.9
K34A	baz=325	Le Mars	56.77	61	P	P	03 29 33.5	+0.2
I37A	baz=325	Lemond, Waseca	56.82	58	P	P	03 29 34.2	+0.6
SCHO	baz=325	Schefferville	56.87	34	P	P	03 29 33.0	-0.8
KSCO	baz=325	Kaye Shedlock	56.88	68	P	P	03 29 35.0	+0.7
NB2	baz=325	NORSAR Subarra	56.92	346	P	P	03 29 33.4	-0.7
NOA	baz=325	NORSAR Array B	56.92	346	P	P	03 29 33.8	-0.3
BGNE	baz=325	Belgrade	56.92	63	P	P	03 29 34.6	+0.2
J36A	baz=325	Seneca 1, Swea	56.99	59	P	P	03 29 34.9	+0.1
K35A	baz=325	Storm Lake	57.10	60	P	P	03 29 35.4	-0.3
J37A	baz=325	Redenius Farm,	57.33	59	P	P	03 29 37.3	+0.1
L35A	baz=325	Blowell Farm, R	57.47	61	P	P	03 29 37.8	-0.4
HFS	baz=325	Hagfors	57.50	345	P	P	03 29 36.8	-1.3
K36A	baz=325	Gilmore City	57.51	60	P	P	03 29 38.4	0.0
T25A	baz=325	Trinidad	57.58	71	P	P	03 29 39.8	+0.4
K37A	baz=325	Belmond	57.74	59	P	P	03 29 39.8	-0.3
O32A	baz=326	Brockman Farm,	57.80	64	P	P	03 29 40.3	-0.3
214A	baz=326	Organ Pipe Nat	57.85	81	P	P	03 29 41.8	+0.8
OBN	baz=326	Obninsk	57.86	329	eP	P	03 29 39.2	-1.5
OBN	baz=326	Obninsk	57.86	329	eP	P	03 29 39.2	-1.5
J39A	baz=326	Decorah	58.08	58	P	P	03 29 42.4	-0.1
N34A	baz=326	Lincoln	58.10	63	P	P	03 29 42.6	-0.1
P32A	baz=326	Huittig Farm,	58.18	65	P	P	03 29 42.9	-0.4
O33A	baz=326	Hebron	58.26	64	P	P	03 29 43.5	-0.3
CBKS	baz=326	Cedar Bluff	58.34	66	P	P	03 29 44.4	0.0
ANMO	baz=326	Albuquerque	58.42	74	P	P	03 29 45.9	+0.7
ANMO	baz=326	Albuquerque	58.42	74	eP	P	03 29 45.7	+0.5
ANMO	baz=326	Albuquerque	58.42	74	eP	P	03 29 45.7	+0.5
N35A	baz=326	Tabor	58.46	62	P	P	03 29 45.8	+0.7
TUC	baz=326	Tucson	58.53	79	P	P	03 29 46.9	+1.0
L38A	baz=326	Oak Wood Farm,	58.54	59	P	P	03 29 45.6	-0.1
O34A	baz=326	Beatrice	58.56	63	P	P	03 29 45.5	-0.3
L39A	baz=326	Winton	58.96	59	P	P	03 29 48.1	-0.5
P34A	baz=326	Walnut Farm, R	59.02	64	P	P	03 29 48.4	-0.1
Q33A	baz=326	Connelly Farm,	59.03	65	P	P	03 29 48.6	-0.6
M38A	baz=326	Pleasantville	59.04	60	P	P	03 29 48.9	-0.3
P35A	baz=326	Duane Minner,	59.39	63	P	P	03 29 51.6	0.0
M39A	baz=326	Webster	59.42	59	P	P	03 29 51.5	-0.3
S32A	baz=326	Newby Ranch, P	59.61	67	P	P	03 29 52.7	-0.5
L41A	baz=327	Preston	59.62	57	P	P	03 29 52.9	-0.3
P36A	baz=327	Good Intent, A	59.67	63	P	P	03 29 53.1	-0.4
O37A	baz=327	Wolven Farm, M	59.67	61	P	P	03 29 53.0	-0.5
N39A	baz=327	Derby Farms, D	59.78	60	P	P	03 29 53.7	-0.6
R34A	baz=327	Isabella, Hill	59.87	65	P	P	03 29 54.4	-0.5

Q35A	baz=326	Mercer Eighty,	59.94	64	P	P	03 29 54.7	-0.7
P37A	baz=326	Lathrop	60.06	62	P	P	03 29 55.9	-0.3
P38A	baz=327	Willow Spring	60.38	61	P	P	03 29 57.9	-0.6
S34A	baz=326	Willow Spring	60.42	65	P	P	03 29 58.4	-0.4
R36A	baz=327	Gordon, Harris	60.61	64	P	P	03 30 00.1	+0.1
O40A	baz=327	La Belle	60.67	60	P	P	03 30 00.1	-0.3
AMTX	baz=327	Amarillo	60.69	70	P	P	03 30 00.4	-0.4
S35A	baz=326	Otter Creek Ra	60.79	65	P	P	03 30 00.7	-0.6
Q38A	baz=327	Cooks Store, C	60.90	62	P	P	03 30 01.6	-0.4
R37A	baz=327	Teagarden Farm	60.92	63	P	P	03 30 01.9	-0.2
MSTX	baz=326	Muleshoe	60.95	72	P	P	03 30 02.3	-0.2
T34A	baz=326	McClaskey Farm	60.95	66	P	P	03 30 01.5	-0.9
S36A	baz=327	Lake Cedric, C	61.07	64	P	P	03 30 02.4	-0.7
P40A	baz=327	Paris	61.09	60	P	P	03 30 02.8	-0.4
O41A	baz=327	Passleys Farm,	61.09	59	P	P	03 30 02.6	-0.6
Q39A	baz=327	Willow Grove F	61.10	61	P	P	03 30 03.0	-0.3
U34A	baz=327	Anderson Ranch	61.28	66	P	P	03 30 03.9	-0.8
R38A	baz=327	Fenwick Farm,	61.42	62	P	P	03 30 04.3	-1.3
Q40A	baz=327	Laux Farm, Aux	61.53	61	P	P	03 30 05.8	-0.4
W32A	baz=327	Sentinel	61.60	68	P	P	03 30 07.0	+0.1
MNTX	baz=327	Cotidas Mount	61.61	75	P	P	03 30 07.7	+0.8
R39A	baz=327	Chumby, Stover	61.69	62	P	P	03 30 06.5	-0.8
P42A	baz=328	Winchester	61.76	59	P	P	03 30 07.0	-0.8
T37A	baz=327	Cheneyville 18	61.87	64	P	P	03 30 07.6	-1.0
S38A	baz=327	Stockton	61.88	63	P	P	03 30 07.4	-1.3
R40A	baz=327	Maddies Statio	62.04	61	P	P	03 30 08.6	-1.0
S39A	baz=327	Bolivar	62.09	62	P	P	03 30 08.8	-1.3
WMOK	baz=327	Wichita Mounta	62.14	68	P	P	03 30 10.2	+0.3
WMOK	baz=327	Wichita Mounta	62.14	68	eP	P	03 30 10.1	-0.3
WMOK	baz=327	Wichita Mounta	62.14	68	eP	P	03 30 10.1	-0.3
X32A	baz=327	Elmer	62.17	69	P	P	03 30 10.3	-0.3
W34A	baz=327	Grigg Creek,	62.18	67	P	P	03 30 10.3	-0.3
T38A	baz=327	Diamond	62.22	63	P	P	03 30 09.9	-1.0
Q42A	baz=328	Golden Eagle	62.25	59	P	P	03 30 10.5	-0.6
U37A	baz=327	Salina	62.38	64	P	P	03 30 11.3	-0.7
R41A	baz=327	Rosebud	62.41	60	P	P	03 30 11.2	-0.9
X33A	baz=327	Lawton	62.43	68	P	P	03 30 12.0	-0.4
TUL1	baz=327	Leonard	62.50	65	P	P	03 30 12.2	-0.6
S40A	baz=328	Lebanon	62.52	62	P	P	03 30 12.1	-0.9
V36A	baz=327	Jenks	62.53	65	P	P	03 30 12.4	-0.7
T39A	baz=327	Oleavier	62.62	63	P	P	03 30 12.5	-1.2
W35A	baz=327	Tecumseh	62.65	67	P	P	03 30 13.4	-0.4
R42A	baz=328	Luevering	62.67	60	P	P	03 30 13.2	-0.7
U38A	baz=327	Gravette	62.67	64	P	P	03 30 13.0	-1.0
V37A	baz=327	Hulbert	62.81	65	P	P	03 30 14.1	-0.8
Y33A	baz=327	Hilltop Ranch,	62.82	69	P	P	03 30 14.6	-0.3
S41A	baz=327	Jillco Farms,	62.85	61	P	P	03 30 14.3	-0.8
T40A	baz=328	Manfield	62.89	62	P	P	03 30 14.4	-1.0
W36A	baz=327	Wetumka	62.95	66	P	P	03 30 15.3	-0.5
S42A	baz=328	Galedonia	63.10	60	P	P	03 30 15.8	-1.0
U39A	baz=328	Green Forest	63.12	63	P	P	03 30 15.9	-1.0
V38A	baz=328	Canill	63.15	64	P	P	03 30 16.4	-0.7
X35A	baz=328	Drake	63.23	67	P	P	03 30 17.4	-0.3
Y34A	baz=327	Reagan Ranch,	63.25	68	P	P	03 30 17.9	+0.1
T41A	baz=327	Mountain View	63.30	62	P	P	03 30 16.9	-1.2
W37B	baz=328	Quinton	63.30	65	P	P	03 30 17.7	-0.4
Z33A	baz=327	Whitaker Ranch	63.36	69	P	P	03 30 17.9	-0.7
X36A	baz=327	Centrahoma	63.37	67	P	P	03 30 18.2	-0.4
U40A	baz=328	Yellville	63.41	63	P	P	03 30 18.0	-0.9
R44A	baz=328	Waltonville	63.42	59	P	P	03 30 17.6	-1.2
V39A	baz=328	Pettiver	63.50	64	P	P	03 30 18.7	-0.9
ABTX	baz=327	Abilene, Hawle	63.51	70	P	P	03 30 19.2	-0.4
ABTX	baz=327	Abilene, Hawle	63.51	70	eP	P	03 30 19.6	0.0
CMAR	baz=328	Chiang Mai Arr	63.52	260	P	P	03 30 20.7	+0.9
CMAR	baz=328	Chiang Mai Arr	63.52	260	eP	P	03 30 24.6	+4.8
S43A	baz=328	Fulton Ridge,	63.58	60	P	P	03 30 19.2	-0.8
Y35A	baz=328	Marietta	63.62					

MEX 04 03:34:12.1,-0.4, 14.47N-92.37W, h95km, 7km, MD3.9, Near coast of Chiapas

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

RSNC 04 03:40:54.6,-0.7, 2.70N-71.32W, h0km, 23km, ML3.6, Colombia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GUVG San Jose del G, SJAC San Juan de Ar, etc.

IDC 04 03:42:00.9,-7.8, 26.34Sx177.78W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/18, mbmtmp3.8/3, Error ellipse: s-maj=144.9km s-min=22.7km az=71.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RAO Raoul Island, STKA Stephens Creek, etc.

IDC 04 03:53:42.7,-5.1, 7.49S-147.74E, h128km, 42km, mb3.0/2, mb1 3.2/3, mb1mx2.9/3, mbmtmp3.4/3, Error ellipse: s-maj=90.8km s-min=54.8km az=137.0, Eastern New Guinea region

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

JMA 04 04:11:50.1, 23.26N:121.54E, h0km, M3.3, ISCJB 04 04:11:52.0, 0.3, 23.24N:0.02-121.50E:0.02, h18km, 4km, Error ellipse: s-maj=3.3km s-min=2.8km az=35.8, TAP 04 04:11:52.9, 23.28N:121.36E, h13km, ML3.6, B, ISC 04 04:11:51.8, 1.0, 23.27N:0.02-121.45E:0.02, h14km, 7km, n63, c072/98, BC-11D, Taiwan

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TWF1 Yuli, CHK1 Chengkung, etc.

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TWK Hehuan Shan, WHF Sandimen, etc.

THE 04 04:15:02.9, 40.81N:19.87E, h7km, 1km, ML2.8/3, Error ellipse: s-maj=2.2km s-min=0.7km az=315.0, CSEM 04 04:15:03.9, 0.2, 40.88N:19.85E, h2km, ML2.8, Error ellipse: s-maj=6.6km s-min=3.1km az=65.0, TIR 04 04:15:03.6, 40.85N:19.88E, h9km, ML3.4, PDG 04 04:15:04.7, 0.4, 40.73N:19.83E, h12km, ML2.7/10, Error ellipse: s-maj=0.7km s-min=1.1km az=0.0, ISC 04 04:15:04.1, 2.1, 40.70N:0.02-19.88E:0.04, h6km, 10km, n51, c129/84, 12C-10D, Albania

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TIR Tirane, OHR Ohrid, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PVY Plav, CEME Cevo, etc.

IDC 04 04:20:04.3, 0.14, 64Sx166.92E, h67km, 25km, mb4.0/14, mb1 4.2/16, mb1mx3.9/39, mbtmp4.4/16, MSJ2.7, Ms1 3.2/7, ms1mx2.9/34, Error ellipse: s-maj=25.45km s-min=12.6km az=64.0, ISCJB 04 04:20:07.2, 0.6, 14.87S:0.06-166.67E:0.08, h100km, mb4.3/22, Error ellipse: s-maj=11.8km s-min=7.9km az=147.0, NEIC 04 04:20:07.2, 1.3, 14.78S:166.74E, h84km, 12km, mb4.6/8, Error ellipse: s-maj=14.5km s-min=10.4km az=216.0, BUJ 04 04:20:08.9, 15.43S:166.06E, h48km, mb4.8/10, MB5.1/9, Ms5.2/3, Ms7.5/0.1, ISC 04 04:20:07.0, 0.7, 14.71S:0.07-166.8E:0.1, h100km, n46, c39/13/4, mb4.3/22, Vanuatu Islands

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DZM Mont Dzumac, PMG Port Moresby, etc.

ARCES ARCESS Array B 120.23 345 PKP PKPdf 05 07 16.1 -0.8
FINES FINES Array B 125.73 348 PKP PKPdf 05 07 28.0 +0.3
BNI Bardonecchia 145.00 345 PKP PKPdf 05 08 06.2 +1.0
ESDC Sonseca Array 153.96 345 PKPab PKPab 05 08 04.2 +0.3

IDC 04 04:56:41.4-6.6,2.35N-95.19E,h0km,mb3.9/2,mb1 3.9/4,mb1mx3.5/43,mbtmpt3.8/4,ML2.9/1, Error ellipse: s-maj=132.9km s-min=42.7km az=23.0, Off west coast of northern Sumatra.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSI Prapat, CMAR Chiang Mai Arr, H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, MKAR Makanchi Array, ZALV Zalesovo Beam.

MEX 04 05:03:52.5-0.3, 14.08N-91.96W, h102km, 6km, MD3.8, Guatemala

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

IDC 04 05:06:27.6-1.1, 29.36S-175.49W, h0km, mb4.0/3, mb1 4.2/5, mb1mx3.8/39,mbtmpt4.1/5,ML4.0/2, Error ellipse: s-maj=100.3km s-min=61.8km az=72.0, Kermedec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO Raoul Island, URZ Urz, URZ URZ, STKA Stephens Creek, ASAR Alice Springs, WRA Warrungarra Arr.

NIED 04 05:09:00.3670N,140.60E,h8km,Mw3.7 Best double couple: M=3.51000e10^14 NP1=341.00000, B=63.00000, lambda=92.00000, NP2=164.00000, B=54.00000, lambda=88.00000

IDC 04 05:09:10.9-1.4, 36.65N-140.67E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.5/44,mbtmpt3.6/5,MS2.8/1,Ms1 2.8/1, ms1mx2.2/32, Error ellipse: s-maj=28.7km s-min=25.5km az=9

ISCJB 04 05:09:11.2-0.8, 36.67N-140.69E, 0.06, h13km, 4km, mb3.5/5, MS2.6/1, Error ellipse: s-maj=9.8km s-min=4.7km az=30.9

JMA 04 05:09:12.2, 36.71N-140.59E, h8km, 1km, M3.6 Broadband fault plane solution: P waves. NP1: 0=123.00000, B=74.00000, lambda=105.00000, NP2: 0=148.00000, B=82.00000, lambda=46.00000, Principal axes: T Plg28.0000, Azm225.0000, N Plg15.0000, Azm127.0000, P Plg58.0000, Azm12.0000

JMA Fall II, ISC 04 05:09:11.4-1.3, 36.71N-140.69E, 0.07, h6km, 8km, n21, 0=83/21, mb3.5/3, 3C-2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHO Hitachi, JHO JHO, ONAJ Onaj, JYT Yasato, JSB Shiba, JSB JSB, JFT Kawachi, JFT JFT, MJAR Matsushiro Arr, MJAR MJAR, MAT Matsushiro, MAT MAT, KSRs Korea Array, GUMO Guam, SONM Songino Array, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, ZALV Zalesovo Beam, MKAR Makanchi Array, ILAR Eielson Array, WRA Warrungarra Arr.

ISCJB 04 05:12:30.6-0.2, 8.54N-10.03E, 82.77W, 0.02, h10km, mb4.8/187, MS3.8/10, Error ellipse: s-maj=4.9km s-min=2.2km az=34.0

CASC 04 05:12:33.3-2.4, 8.28N-82.85W, h19km, 8km, MD4.9, ML4.0, mb4.8(NEIC)

NEIC 04 05:12:36.8-0.2, 8.44N-82.83W, mb4.8/185, Error ellipse: s-maj=4.8km s-min=2.8km az=207.0 NEIC Fall [VI] at Davi and [VII] at Joquete, Panama. Fall [III] at Guadalupe and Santa Ana; [II] at Alajuela, Desamparados, Escazu, Heredia, San Jose and San Pedro, Costa Rica. Felt widely in central and southeastern Costa Rica and western Panama.

GGMT 04 05:12:36.8-0.3, 8.24N-82.92W, h32km, 1km, MW5.0/78, Moment Tensor Solution. s36,c46; s78,C11; Duration: 0 Moment tensor: Scale 10^19Nm; Mr1.32t=16; Mm2.37t=10; Mm3-3.69t=12; Mm0-0.00t=14; Mm0.18t=10; Mm0.28t=16; Best double couple: M=3.55300e10^16

NP1=209.00000, 890.00000, lambda=176.00000, NP2: 0=119.00000, 886.00000, lambda=0.00000, Principal axes: T 2.8890, Plg3.0000, Azm344.0000; N 1.3290, Plg86.0000, Azm210.0000; P -4.2180, Plg3.0000, Azm74.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. IDC 04 05:12:37.1-2.5, 8.44N-82.85W, h51km, 23km, mb4.2/14, mb1 4.5/20, mb1mx4.3/35,mbtmpt4.6/20,ML3.9/6,MS3.9/13, Ms1 3.9/13, ms1mx3.6/29 Error ellipse: s-maj=21.5km s-min=11.6km az=55.0

ISC 04 05:12:34.2-0.4, 8.25N-10.04, 82.95W, 0.03, h28km, 2km, 0722, 1=83/75, mb4.8/189, MS3.8/10, 11C-3D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACR Cerro Adams, ACR PTJ1, ACR Puerto Jim'ne, BRUZ Volcan, BRUZ BRUZ, TBSS TBSS, TBSS Durika, DRKO DRKO, BUS Buena Vista, BUS BUS, QCR1 Quepos, LCR2 La Lucha 2, LCR2 SJS, SJS Escuela Geolog, SJS SJS, HDC Heredia, HDC HDC, CGME Cerro Gallo 2, CGME Penonome, PMNE PMNE, JCR Jicaral, JCR Arenal 1, ZARE Zanguanga, Cho, FRJ El Hierro de Gorgon, FLAM Flamingo Islan, CRZI La Cruz, ESPN Las Esperanzas, CONN Concepcion, ACON Acapoya, MAPC Malpeo, MAPC MAPC, UPD2 Meteti, ICDO Coco Island, MGAN Managua, MGAN MGAN, TISN Laguna Tiscapa, COPPE Copaltee, MOMM Momotombo, CNGN Cerro Negro, ESTN Estel, SCLC Bahía Solano, SCLC Conchagua, GRC Isla de Gorgon, TGUH Tegucigalpa, Un, TGUH Tegucigalpa, Un, LCY Lacayo, PACA Pacayal, PACA Santa Helena, HELC Santa Helena, HERS El Faro, LFRS LFRS, LBRs Las Brisas, GUYC Guyana, Colomb, LFU La Fuente, SNET Serv Nac Est T, SNET SNET, POPC Popayan, Colomb, NORC Norcasia, CMBC Cumbal, CRUC La Cruz, OTAV Otavalo, OTAV Otavalo, OTAV OTAV, PRAC Prado, PRAC Prado, BRRC Barranca, Sant, ROSC El Rosal, ROSC ROSC, ROSC El Rosal, ROSC ROSC, ROSC Betania, CODC Agust' n Codaz, CODC Ocana, BARC Barichara, CHIC Chingaza, RUSC La Rusia, RUSC La Rusia, PAMC Pamplona, Colo, SJAC San Juan de los Rios, MTDJ Mount Denham, MTDJ Mount Denham, CUVJ Jose del G, CUVJ Comitan, SDV Santo Domingo, SDV Santo Domingo, SDV SDV, SDV Santo Domingo, SDV Santo Domingo, CMIG Matias Romero, CMIG CMIG, SDDR Presa de Sabán, SDDR Presa de Sabán, BANI BANI, ADAH Alahuapala, ADAH Alahuapala, SDD Santo Domingo, TLIG Tlapa, TLIG TLIG, IDE Isla Deshecho, IDE Isla Deshecho, PCRVR Puerto La Cruz, PCRVR Puerto La Cruz, PCRVR PCRVR, SJG San Juan, SJG San Juan, SJG San Juan, SJG San Juan, CBYP Canovanas, DWPF Disney Wildern, DWPF Disney Wildern, CDVI St. Croix, CDVI St. Croix, STVI Saint Thomas, STVI Saint Thomas, ABVI Anegada Island, ABVI Anegada Island, NNA Nana, NNA Nana, NNA Nana, GRG Greenville, GRG Greenville, STV St. Eustatius, STV St. Eustatius, SVB Belmont, SVB Belmont.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GDHS Morne Mazeau, FDF Fort de France, 448A Bay Mettette, 447A Lucedale, 544A White Castle, TIGA Tifton, TIGA Tifton, 035Z Hargill, 46AL Brewton, 446A Poplarville, 445A Amite, 035A Enclino, 348A Jackson, 444A Pine Grove, 542A Morse, 347A Saraland, 541A Lake Charles, 346A Zacatecas, 346A Big Creek Wild, 345A Thompson Farm, 443A Delano Plantat, 034A Hebronville, 442A Mamou, 777A Port Lavaca, 638A Rosharon, 248A Dixon Mills, 540A Vidor, 340A Westbrook Farm, 934A Benavides, 247A Carlmont, 343A Vidalia, 246A Jackson Lee, B, 241A DeRidder, 835A Beeville, 539A Cross D Ranch, 736A Circle Diamond, 245A Little AP, Sta, 647A Eagle Lake, 342A Flagler Creek P, 440A Kirbyville, PTGA Pitinga, PTGA Pitinga, 834A Tilden, 933A Laredo, 247A Avery, Jackson, 144A Livingston, 243A Waterproof, 538A Harpers Horsep, 735A Kenedy, VBMS Vicksburg, VBMS Vicksburg, 341A Kurthwood, 146A Union, 636A Smithers Creek, 439A Lakeview Retre, GOGA Goggin, 537A Green Hill Far, 145A Houston Renfro, 242A Grayson, 340A Bronson, 734A La Parita Cree, 635A Leesville, 144A Alexander Plac, 438A Sam Houston St, 247A Carrollton, 833A Chaparral WMA, 248A Northport, 339A Huntington, 241A Mo Tay, Golden, 536A Bastrop, 246A Louisville, 634A China Grove, S, 733A Divot King Ran, 143A Soss Landing, 142A Monroe, 832A Faith Ranch, C, 437A Phantom Ranch, 535A Dale, 240A Hunter Patters, 338A Crockett, 245A Winona, NATX Nacogdoches, NATX Nacogdoches.

Table with columns for ID, Name, Az, El, AzEl, P, S, and other data. Rows include L38A Oak Wood Farm, M35A Neola, K40A Colesburg, L37A Phoenix Point, JFW5 Jewell Farm, K39A Oelwein, TUC Tucason, L36A Harm Buss Farm, K38A Parkersburg, KSCO Kaye Shedlock, KSCO Kaye Shedlock, L35A Bielow Farm, J41A Loganville, L34A Svendsen Farm, K37A Belmont, J40A Soldiers Grove, BGNE Belgrade, BGNE Belgrade, K36A Gilmore City, SDCO Great Sand Dun, SDCO Great Sand Dun, SDCO Decarah, M31A Lambrecht Ranc, J38A Wedel Dairy, K35A Storm Lake, X18A Snowflake, L33A Hokenk, J37A Redenius Farm, L32A Egin, K34A Le Mars, W18A Petrified Fore, J36A Seneca I, K33A Hardington, 214A Organ Pipe Nat, 214A 4UR Ranch, S22A 4UR Ranch, GLMI Grayling, Q24A Divide, I38A Scanlan Farm, L31A Butterfield Fa, J35A Milford, J34A George, K32A Verdigre, I37A Lemond, Waseca, I36A Fitzsimmons Fa, X16A Lo Mill Camp, K31A O'Neill, MVCO Mesa Verde, MVCO Creekview Farm, J33A Davis, H37A Dierke Farm, ECSD EROS Data Cent, ECSD EROS Data Cent, J32A Parkston, I34A Hadley, ISCO Idaho Springs, ISCO Idaho Springs, H36A Jesseland, He, 113A Mohawk Valley, J31A Geddes, WUAZ Wupatki, SMCO Snowmass, I33A Coleman, H35A Sunnyside Ranc, SPMM Marine on St, SPMM Marine on St, SPMM Karley and Nic, J30A Dallas, H34A Spellman Lake, G36A St. Michael, COWI Conover, I31A Royce, Wessing, G35A Watkins, H33A Pehrn Over Nor, H32A Carlsons Farm, N23A Red Feather La, GLA Glamis, G34A Benson, PHWY Pilot Hill, H31A Mont Tremblant, W36A Wolsey, F36A Milaca, G33A Ortonville

Table with columns for ID, Name, Az, El, AzEl, P, S, and other data. Rows include Y12C Blythe, SUSD Miller, U15A North Rim, F35A Swanville, W13A Hualapai Mount, G32A Webster, O20A White River, E37A Wrenshall, G31A Conde, E36A McGregor, F33A 5 Mile Ranch, E35A Pequot Lakes, KNB Kanab, SRU San Rafael Swe, E34A Wadena, D37A Cottonwood, Q16A Castle Valley, LCMT Little Creek M, F31A Hecla, D36A Goodland, P17A Butcher Ranch, D35A Remer, C39A Grand Marais, PFO Pinyon Flats, C38A Sawill Land, SZCU Shurtz Canyon, TMUT Trail Mountain, MSU Marysvale, K22A Casper, D34A Park Rapids, C37A Embarrass, F29A Eureka, RSSD Black Hills, EYMN Ely, EYMN Ely, C36A Pine Crest Far, E31A Nome, D33A AnnSam, Waubun, C35A Jirri Farms, C34A RKJ Ranch, Bem, D32A Dogwood Acres, SHPR Sheep Range, D31A McClaffin, Tow, C33A Trail, NLU North Lily Min, B35A Gok Littleflore, JLU Jordanelle, GSC Goltstone, B33A Robert and Kas, B34A Aery, Baudette, TCUT Toone Canyon, C31A Landman Farms, AGMN Agassiz Nation, AGMN Agassiz Nation, DUGM Dugway, Tocoel, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, BW06 Boulder Array, BW06 Boulder Array, TPNV Topopl Spring, B32A Ashes, Strandg, HWUT Hardware Ranch, A33A Warrod, MDND Maddock, MDND Maddock, B31A Greenbush Farm, R11A Troy Canyon, SPUT South Promonto, BGU Big Grassy M, A32A Rocking H Ranch, DAC Darwin (Calif), DAC Darwin, DAC Auburn Hatcher, DAC Isabella, Lake, CPUP Villa Florida, HVU Hansel Valley, REDW Red Top Meadow, SNOW Snow King Moun, TPAW Teton Pass, MOOW Moose Ponds, C25A Freed Ranch, W, IMW Indian Meadow, FLWY Flagg Ranch

Table with columns for ID, Name, Az, El, AzEl, P, S, and other data. Rows include LAO LASA Array, RLMT Red Lodge, ULM Lac du Bonnet, ULM Lac du Bonnet, H17A Grant Village, YPP Pitchstone Pla, YFT Old Faithful, PAGB Antelope Grad, YMR Madison River, MLAC Mammoth, YHB Horse Butte, GCMT Greycliff, DGMT Dagmar, DGMT Dagmar, TVH2 Borealis Mine, TVH3 East Aurora ar, TVH1 TV Hill, Hawth, BMN Battle Mountai, WAKR Walker, HLID Hailey, HLID Hailey, YERR Yerington, MCMT Modoc Plateau, CMB Columbia Cotte, DLMT Dillon, PNTR Pine Nut, LRM Limekiln Ridge, MFID Camas Ranch, HRY Hotter Researc, EGMT Eagleton, EGMT Eagleton, AFDM Forest Hills D, WVOR Wild Horse Val, CHMT Chamberlain Mo, MSO Missoula, MSO Missoula, SLMT Summit Lake, MOD Modoc Plateau, BMO Blue Mountains, O03D Paynes Creek, SWMT Swartz Lake, YBMT Yellow Bay, JTMJ Jitterbug, BLMT Blacktail Moun, F10A Beach Ranch, E, BSMT Bassoo Peak, K05A Summer Lake, M04C Macdonald, N02D Trinity Center, SCHO Schefferville, SCHO Pilot Rock, WALA Waterton Lakes, KMRM Mt. Ridge, M02C Callahan, YBH Yreka Blue Hor, BUOR Burton Butte, E09A Wood Farm, Sta, KHMM Horse Mountain, FFC Flin Flon, FFC Umqqua Nation, J04D Terrebonne, OR, KRMB Red Mountain, NEW Newport, NEW Newport, NEW Newport, HAWA Hanford, D08A Wollman Farm, I04A Tendick Farm, IRO Indian Ridge, C09A Christian Ranch, I03D Drain, OR, PLCA Paso Flores, WTV Waterville, B08A Colville Reser, G03D McMillinville, LON Longmire, D05A Enumclaw, PNT Penticon, B05A Bryant, NLWA Neilton, Lookou, A04D Lummi Island, LLLB Lilloet, YKA Yellowknife Ar, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, TAOE Nuku Hiva Isla, RKT Rikitea, DIB Dawson Inlet, DAWY Dawson

ellipse: s-maj=2.0km s-min=1.8km az=162.0
THE 04 08:58:01.8, 38:91N, 27:90E, h18km, 1km, ML3.7/5, Error
ellipse: s-maj=1.9km s-min=0.5km az=64.0
ISC 04 08:57:59.6, 0.9, 38:89N, 02:27:83E, 0.02, h3km, 6km,
n207, 0881/241, 18C-5D, Turkey

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Lists stations like AKS, MANT, DEMI, etc. with their respective coordinates and phases.

Table with columns: SMTH, Station Name, Δ° AZZ, Phase ID, Time, Res. Lists stations like SMTH, ISP, HRT, etc. with their respective coordinates and phases.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Lists stations like BALLY, AYB, AYVA, etc. with their respective coordinates and phases.

DDA 04 09:15:50.8, 38:92N, 27:83E, h7km, ML3.6
ISCJB 04 09:15:50.7, 0.5, 38:92N, 02:27:79E, 0.02, h1km, 4km,
Error ellipse: s-maj=2.8km s-min=2.6km az=41.1
ATH 04 09:15:50.7, 38:95N, 27:83E, h2km, 3km, ML3.5/3, Error
ellipse: s-maj=4.1km s-min=1.5km az=286.0
ISK 04 09:15:50.6, 38:90N, 27:75E, h5km, ML3.5
IASPEI 04 09:15:51.0, 0.9, 38:90N, 02:27:81E, 0.02, h5km, 6km,
Error ellipse: s-maj=3.4km s-min=3.0km az=19.4, GT5
selection from ISC bulletin GT5 identified by Bond'it and
McLaughlin (2009) selection criteria Bond'it and
McLaughlin, A new ground truth data set for seismic
stations, <Seism. Res. Let.>, <do>80</do>, 465-472,
2009
CSEM 04 09:15:51.4, 0.1, 38:89N, 27:77E, h5km, ML3.5, Error
ellipse: s-maj=2.2km s-min=2.0km az=105.0
THE 04 09:15:51.3, 38:90N, 27:85E, h1km, 1km, ML3.5/4, Error
ellipse: s-maj=1.1km s-min=0.5km az=50.0
ISC 04 09:15:50.9, 0.9, 38:91N, 02:27:82E, 0.02, h5km, 6km,
n155, 0897/189, 6C-10, Turkey

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res. Lists stations like AKS, MANT, DEMI, etc. with their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GCAM G?zelcam!, EDC Edincik, CHOS Chios island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WMGZ Waiomatatini S, HAZ Te Kaha, PKGZ Pakihiroa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BALLY Balya, AYDB Zeytinkoy-Aydi, GEDZ Gediz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IDC 04 09:24:57.5, MXZ Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKS Akhisar, DEMI Demirci, KULA Kula-Manisa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IDC 04 09:55:27.1, DMPH Davao City-Mi, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like Vila Bisbo, Marneleite, Vaqueiros, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like Sierra Gorda, Adamuz, Marv???, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like CLNS, Aldan, Nelyaty, etc.

YARS 04 12:30:06.1+0.2,57.34N,0.01x,120.87E,0.02,h10km
BYKL 04 12:30:06.1+0.5,57.42N,120.81E
MOS 04 12:30:06.5+1.0,57.39N,120.71E,h14km,mb4,0/3,Error

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like KHNR, KHAN, CRS, etc.

4d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HIA Hallar, OGRR Ongureny, KELR Kotokel, etc.

ISC 04 12:31:33.01.2.625N-92.73E, h0km, mb3.9/9, mb1.4/0.1, mb1mx3.7/55, mbtmp3.9/11, ML3.5/2, MS3.5/1, ms1mx2.7/54, Error ellipse: s-maj=55.1km s-min=16.0km az=53.0, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PSI Prapat, CMAR Chiang Mai Arr, H0S2 Diego Garcia H, etc.

2011 AUG

ISK 04 12:33:22.8, 39.28N-28.23E, h5km, ML3.0 CSEM 04 12:33:23.0.1, 39.25N-28.23E, h2km, ML3.2, Error ellipse: s-maj=3.7km s-min=3.0km az=30.0 DDA 04 12:33:23.2, 39.30N-28.29E, h7km, ML3.2 ISC 04 12:33:23.3.1.1, 39.27N-0.02-28.24E:0.02, h4km, 11km, n73, c075/84, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DEMI Demirci, BALB Balikesir, SIMA Simav-Kutahya, etc.

ISC 04 12:39:32.51.6, 2.71N-93.68E, h0km, mb3.6/6, mb1.3/8, mb1mx3.6/7, mbtmp3.7/8, ML3.9/2, Error ellipse: s-maj=55.2km s-min=18.6km az=56.0 ISCJB 04 12:39:36.7.1.1, 2.9N-0.1, 93.96E:0.09, h33km, mb3.9/7, Error ellipse: s-maj=22.0km s-min=10.0km az=26.9 ISC 04 12:39:38.9.1.4, 2.9N-0.2, 94.0E:0.1, h35km, n15, c090/111, mb3.8/7, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PSI Prapat, CMAR Chiang Mai Arr, H0S2 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warrungarra Arr, MJAR Matsushiro Arr, STKA Stephens Creek, etc.

0.2mm, 0.4s, baz=163, slow=5.3, SNR=1.8 MKAR Makanchi Arr 54.48 326 P 13 00 12.9 -0.5 KURBB Kurchatov Arr 58.74 328 P 13 00 41.9 -0.6

DJA 04 13:01:28.2.2.3, 3°N-7°9'3"E 1'4", h28km, 26km, M4.5/8, mb5.0/2, mb4.5/6, MLV4.5/8, Mw(MB)4.3/2 IDC 04 13:01:30.6.1.1, 3.60N-93.83E, h0km, mb3.7/9, mb1.3/9.1/1, mb1mx3.7/49, mbtmp3.7/11, ML4.0/2, MS3.5/6, Ms1.3.5/6, ms1mx3.1/42, Error ellipse: s-maj=41.3km s-min=17.2km az=49.0 ISCJB 04 13:01:31.9.0.6, 3.46N-0.07:93.85E:0.05, h24km, mb3.9/11, mb3.6/5, Error ellipse: s-maj=11.3km s-min=6.2km az=27.4 NEIC 04 13:01:35.7.0.5, 3.61N-93.97E, h35km, mb4.3/2, Error ellipse: s-maj=11.5km s-min=5.8km az=211.0 ISC 04 13:01:34.6-0.7, 3.51N-0.08:93.95E:0.07, h24km, n47, c162/37, mb3.8/11, MS3.5/5, Off west coast of northern Sumatra

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

ISCJB 04 13:16:42.0.2.6, 8.2N-0.02:73.02W:0.03, h160km, 22km, mb4.1/23, Error ellipse: s-maj=5.4km s-min=3.3km az=34.0 FUNV 04 13:16:43.4, 6.79N-73.10W, h166km, MW4.1 IDC 04 13:16:43.4.0.5, 6.77N-72.94W, h160km, 5km, mb3.7/9, mb1.3/9.1/1, mb1mx3.7/40, mbtmp4.3/19, Error ellipse: s-maj=14.3km s-min=6.8km az=124.0 NEIC 04 13:16:43.5.0.5, 6.74N-73.01W, h161km, 6km, mb4.1/14, Error ellipse: s-maj=10.2km s-min=7.1km az=121.0 NEIC Felt at Bucaramanga. RNSC 04 13:16:43.8.0.9, 6.80N-73.11W, h151km, 5km, ML4.6 ISC 04 13:16:43.0.0.5, 6.83N-0.04:73.03W:0.04, h157km, 4km, n81, c121/106, mb4.1/23, 4C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BARC Barichara, BRRC Barranquilla, RUSC La Rusia, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, and Residual (Res). Includes stations like ROSC Santa Helena, GUYC Guyana, CODC Agustín Codaz, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, and Residual (Res). Includes stations like ONAJ Iwakimizuishiy, JFK Kawauchi, JHO Hitachi, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, and Residual (Res). Includes stations like JFT Ouri, JIO Okura, MJAR Matsushiro, etc.

MOS 04 13:43:07.1+1.0, 3.17N:125.66E, h143km, mb4.6/18, Error ellipse: s-maj=13.5km s-min=7.0km az=110.8

ISCJB 04 13:43:08.2+0.3, 3.17N:125.86E, h150km, mb4.5/53, Error ellipse: s-maj=6.9km s-min=4.0km az=179.6

IDC 04 13:43:09.2+2.6, 3.13N:125.74E, h144km, mb4.1/24, mb1.4/125, mb1mx4.0/36, mbmtmp4.5/25, Error ellipse: s-maj=19.4km s-min=9.4km az=78.0

NEIC 04 13:43:10.0+0.9, 3.11N:125.72E, h166km, mb4.5/6, Error ellipse: s-maj=10.9km s-min=7.4km az=78.0

DJA 04 13:43:12.5+0.4, 3.12N:125.63E, h86km, mb4.8/13, mb4.7/13, mb5.3/6, M/Lv4.9, Mw/mB4.8/6

ISC 04 13:43:08.7+0.5, 3.12N:125.89E, h143km, mb4.5/53, 11C-8D, Talaud Islands

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, and Residual (Res). Includes stations like SSGS Sangihe, GSPH General Santos, KMSI Cibinong, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time, and Residual (Res). Includes stations like GUN Gumba, PKI Pulchoki, PKIN comp=2.13nm,0.7s, KKN Kakani, etc.

ISCJB 04 13:51:33.9+0.3, 48.76N:154.93E, h48km, mb2.6/km, s-maj=1.5km s-min=1.5km az=155.8

4d 13h

Table with columns for call sign, name, frequency, and various status indicators. Includes entries like KMI Kunming, BBA Bella Bella, and A04D Lummi Island.

2011 AUG

Table with columns for call sign, name, frequency, and various status indicators. Includes entries like NLWA Neilton Lookou, CMV UBPT, and PHIT Phitsailook.

200

Table with columns for call sign, name, frequency, and various status indicators. Includes entries like CM01 Chiang Mai Arr, I03D Drain, and K05A Summer Lake.

Table with columns: Station, Time, Signal, Frequency, and other parameters. Includes stations like N02D Trinity Center, M04C Macdoel, WALA Waterton Lakes, etc.

Table with columns: Station, Time, Signal, Frequency, and other parameters. Includes stations like DHRM DHARAMSHALA, HLID Hailey, SDRN Sundarnagar, etc.

Table with columns: Station, Time, Signal, Frequency, and other parameters. Includes stations like BGU Big Grassy Mou, CWC Cottonwood Cre, GRAC Grapevine Rang, etc.

4d 13h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like L39A Vinton, GNI Garni, KSU1 Kansas State, etc.

2011 AUG

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like KIS Kishinev, Q38A Cooks Store, P39B Sallsau, etc.

204

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like CRVS Caudkaine Hill, ECK Winchester, X34A Smith Ranch, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PVCC, KECS, IDGL, CFR, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like Z35A, T41A, PLVO, ISR, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like WHTX, WHTX, UOSS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like RAO Raoul Island, URZ Urewera, etc.

IDC 04 14:49:19.2-1.1, 29.85N, 140.30E, h0km, mb3.5/5, mb1 3.7/6, mb1mx3.5/62, mbtmp3.5/6, ML3.1/1, Error ellipse: s-maj=45.3km s-min=21.9km az=86.0, Southeast of Honshu

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

CSEM 04 14:53:04.5, 11.91N, 144.96E, h3km, ML4.1, DHMR 04 14:53:04.5-1.6, 11.91N, 144.96E, h3km, 1.0km, ML4.1, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ADE Aden, BDHA Al Bayda, etc.

NEIC 04 14:56:06.0, 18.21N-67.69W, h17km, MD3.0(RSPR), After RSPR, RSPR 04 14:56:06.0, 18.21N-67.69W, h17km, 2km, MD3.0/6, 8C-4D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like IDE Isla Deseccho, LSP Las Mesas, etc.

ISCJB 04 15:04:58.8-0.5, 6.97S, 0.07, 155.84E, 0.07, h62km, mb4.4/21, Error ellipse: s-maj=11.9km s-min=7.5km az=37.5

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like NEIC 04 15:05:03.0, etc.

ISC 04 15:05:00.1-0.5, 6.86S, 0.08, 155.94E, 0.06, h62km, n39, e193/39, mb4.4/21, Bougainville-Solomon Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PMG 0.4nm, 0.3s, baz=90, etc.

ISCJB 04 15:09:19.7-0.3, 30.49N, 0.03, 130.34E, 0.03, h95km, 2km, mb4.5/22, Error ellipse: s-maj=5.1km s-min=4.0km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like CTAG Charters Tower, CTAO Charters Tower, etc.

IDC 04 15:09:21.8-1.4, 30.54N, 130.30E, h97km, 12km, mb3.8/19, mb1 4.0/24, mb1mx3.9/46, mbtmp4.2/24, Error ellipse: s-maj=13.6km s-min=10.5km az=80.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like JMA 04 15:09:21.0-0.1, etc.

ISC 04 15:09:21.1-1.0, 30.51N, 130.33E, h109km, mb4.3/15, NEIC 04 15:09:22.5-0.5, 30.52N, 130.33E, h104km, km, mb4.8/34, Error ellipse: s-maj=5.4km s-min=4.6km az=137.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like JKC Kuchinoerabu, JYAK Yakushimahiaru, etc.

ISC 04 15:09:21.1-1.0, 30.51N, 130.33E, h109km, mb4.3/15, NEIC 04 15:09:22.5-0.5, 30.52N, 130.33E, h104km, km, mb4.8/34, Error ellipse: s-maj=5.4km s-min=4.6km az=137.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like INU Inuyama, INCN Incheon, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like CN2 Changchun, ERM Erimo, etc.

ISCJB 04 15:09:21.1-1.0, 30.51N, 130.33E, h109km, mb4.3/15, NEIC 04 15:09:22.5-0.5, 30.52N, 130.33E, h104km, km, mb4.8/34, Error ellipse: s-maj=5.4km s-min=4.6km az=137.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like KLR Kuldur, KUR Kuril, etc.

ISCJB 04 15:09:21.1-1.0, 30.51N, 130.33E, h109km, mb4.3/15, NEIC 04 15:09:22.5-0.5, 30.52N, 130.33E, h104km, km, mb4.8/34, Error ellipse: s-maj=5.4km s-min=4.6km az=137.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MK01 Makanchi Array, MK31 Makanchi Array, etc.

ISCJB 04 15:09:21.1-1.0, 30.51N, 130.33E, h109km, mb4.3/15, NEIC 04 15:09:22.5-0.5, 30.52N, 130.33E, h104km, km, mb4.8/34, Error ellipse: s-maj=5.4km s-min=4.6km az=137.0

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

4d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCM, DOT, BMRM, EGAK, KEKH, STKA, DAWY, INK, SPA1, SPA2, SPA3, SPA4, SPA5, SPA6, SPA7, SPA8, SPA9, SPA10, SPA11, SPA12, SPA13, SPA14, SPA15, SPA16, SPA17, SPA18, SPA19, SPA20, SPA21, SPA22, SPA23, SPA24, SPA25, SPA26, SPA27, SPA28, SPA29, SPA30, SPA31, SPA32, SPA33, SPA34, SPA35, SPA36, SPA37, SPA38, SPA39, SPA40, SPA41, SPA42, SPA43, SPA44, SPA45, SPA46, SPA47, SPA48, SPA49, SPA50, SPA51, SPA52, SPA53, SPA54, SPA55, SPA56, SPA57, SPA58, SPA59, SPA60, SPA61, SPA62, SPA63, SPA64, SPA65, SPA66, SPA67, SPA68, SPA69, SPA70, SPA71, SPA72, SPA73, SPA74, SPA75, SPA76, SPA77, SPA78, SPA79, SPA80, SPA81, SPA82, SPA83, SPA84, SPA85, SPA86, SPA87, SPA88, SPA89, SPA90, SPA91, SPA92, SPA93, SPA94, SPA95, SPA96, SPA97, SPA98, SPA99, SPA100.

MEX 04 15:30:46.0 ± 0.1639N x 100°11'W, h1km, 5km, MD3.7, Near east of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAIG, AC2P, ACX, MEIG, MEIG, ARIG, ZLIG, PLIG, TLIG, PNIG, PNIG.

IDC 04 15:33:44.9 ± 0.2, 20°17'S, 67°39'E, h0km, mb4.3/38, mb1.4/4.9, mb1mx4.3/6.4, mbtmp4.3/39, ML3.0/1, MS4.3/9, MS1.4/4.9, ms1mx4.0/36, Error ellipse: s-maj=13.7km s-min=1.2km az=43.0

ISCJB 04 15:33:45.6 ± 0.215S, 0°06:67.39E, 0.05, h16km, mb4.5/56, MS4/48, Error ellipse: s-maj=8.3km s-min=6.6km az=156.1

NEIC 04 15:33:46.3 ± 0.2, 20°21'S, 67°42'E, h10km, mb4.9/14, Error ellipse: s-maj=6.9km s-min=6.1km az=166.0

GCMT 04 15:33:46.3 ± 0.2, 20°22'S, 67°35'E, h14km, 2km, MWS, 1/79, Moment Tensor Solution. s14, c17, s79, t106; Duration: 0 Moment tensor: Scale 10^10Nm; Mr-1.06; 28; Mw=5.77; 33; Mb=4.71; 25; Ms=2.19; 67; Mo=1.84; 23; Mw=2.01; 69; Best double couple: Mo:27600/1016 NP1=143.00000°, 688.00000°, -29.00000° NP2: 62.340000°, 32.00000°, -177.00000° P: 117.00000° P: 117.00000° T: 6.8900 P: 18.0000 Azm:192.0000°; N: 1.2270 P: 16161.0000°; Azm:318.0000°; P: 5.6630, Plig2.0000°, Azm:95.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 04 15:33:47.3 ± 0.4, 20°23'S, 0°08:67.40E, 0.07, h16km, n98, e083/89, mb4.6/56, MS4.4/8, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1, H08S2, H08S3, H08S4, H08D1, H08D2, H08N1, H08N2, ABPO, OPO, KMO, LKMB, LSZ, PSI, BOSA, KULM, SUR, WSAR.

2011 AUG

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WSAR, TSUM, KSM, MAW, SRAK, MBWA, SUKH, PHIT, CMAR, CMAR, CHTO, CMMT, UTTA, KOLN, PYUN, RAMN, DMN, PKI, PKIN, GKN, KKN, JIRN, GUN, SHL, UBPT, SKNT, LSA, LITZ, FITZ, GEYT, EIL, ASF, ASAR, ASAR, WRA, WRA, AAK, AAK, GNI, GNI, ENH, ENH, SNA, STKA, BRTR, KBZ, KVAR, MKAR, IDI, ABKAR, QSPA, AKTO, KURB, KURK, VNA, SBA, TORD, BRVK, ZALV, MLR, DBIC, DBIC, SONM, ARU, KEST, AKASG, KIEV, CRVS, KSAR, KSRK, VYHS, JHJ, USRK, MAT, MJAR, FINES, ESDC, KLR, KLR, ARCES, ILAR, YKA, ULM, NEW, PDAR, PDAR, TXAR.

IDC 04 15:44:39.1 ± 8.1, 7°25'S, 129°56'E, h343km, 94km, mb3.1/1, mb1.2/7.4, mb1mx2.6/37, mbtmp3.5/4, Error ellipse: s-maj=61.5km s-min=37.1km az=56.0, Banda Sea

210

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

MEX 04 15:50:09.3 ± 0.147N, 92°27'W, h119km, 7km, MD3.6, Near coast of Chiapas

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

ISCJB 04 16:16:52.0 ± 1.2, 39°22'N, 0°05:142.42E, 0.09, h34km, 12km, mb3.6/6, Error ellipse: s-maj=13.0km s-min=7.7km az=23.8

JMA 04 16:16:52.9 ± 0.1, 39°28'N, 142°37'E, h30km, 1km, M3.6, IDC 04 16:16:54.2 ± 2.7, 39°30'N, 142°86'E, h48km, 26km, mb3.3/6, mb1.3/5.9, mb1mx3.3/40, mbtmp3.5/9, ML2.7/3, Error ellipse: s-maj=28.6km s-min=17.2km az=107.0

ISC 04 16:16:51.7 ± 2.5, 39°23'N, 0°06:142.43E, 0.09, h26km, 17km, n25, r195/22, mb3.7/6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MIYJ, MIYJ, OFUJ, OFUJ, JTH, JOM, JOM, JMK, JMK, JJK, JJK, JIO, JIO, JANG, JANG, MAT, MJAR, ASAJ, ASAJ, USRK, USRK, KSRK, KSRK, H1N1Z, H1N1Z, H1N1, H1N1, H1N3, H1N3, H1S1, H1S1, H1S3, H1S3, H1S2, H1S2, ZALV, ZALV, MKAR, MKAR, ILAR, ILAR, WRA, WRA, YKA, YKA, ASAR, ASAR.

NINC 04 16:19:16.7 ± 1.3, 45°79'N, 81°48'E, h0km, mb2.9, mpv2.9, Error ellipse: s-maj=12.2km s-min=7.1km az=113.0

SOME 04 16:19:18.4 ± 9.5, 45°72'N, 81°35'E, h20km, ISC 04 16:19:15.6 ± 1.9, 45°72'N, 0°04:81.58E, 0.07, h2km, 15km, n19, r195/37, 8C-2D, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAKZ, MAKZ, MK31, MK31, ILAR, ILAR, WRA, WRA, YKA, YKA, ASAR, ASAR, DJR, DJR, KAPS, KAPS, DJR, DJR, KTMS, KTMS, MNBS, MNBS, PDGK, PDGK, PDGK, PDGK, SHLS, SHLS, SHLS, SHLS, KPKS, KPKS, KPKS, KPKS, ARXS, ARXS, ARXS, ARXS, UZB, UZB, UZB, UZB, KURS, KURS, KURS, KURS, ZHN, ZHN, ZHN, ZHN, ZHN, ZHN, CHKK, CHKK, CHKK, CHKK, CHKK, CHKK, KTBS, KTBS, MDOK, MDOK, MDOK, MDOK, KUUR, KUUR, KUUR, KUUR, TNS, TNS.

4d 17h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PEAO, PETK, MAG, MA2, PET, etc.

JMA 04 16:43:50.0±0.4, 37.411N-142.48E, h10km, M3.5, Off east coast of Honshu. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

BUC 04 16:44:46.3±0.3, 44.379N-28.31E, h15km, MD2.1/3, 6C-2D, Error ellipse: s-maj=3.9km s-min=2.5km az=102.0, Romania. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

IGQ 04 16:45:44, 1.56S-81.95W, h13km, 4km, Mb4.0, Error ellipse: s-maj=0.0km s-min=5.4km az=53.9. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

ISCJ 04 16:45:46.3±0.4, 1.74S, 0.04, 81.75W, h10km, mb3.9/11, MS3.2/5, Error ellipse: s-maj=5.7km s-min=4.9km az=180.0. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

NEIC 04 16:45:52.1±0.5, 1.71S-81.50W, h35km, mb4.0/3, Error ellipse: s-maj=13.6km s-min=8.5km az=56.0. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

ISC 04 16:45:46.1±0.6, 1.80S, 0.05-81.77W, h10km, n72, z=53/65, mb4.0/11, MS3.2/5, 4C-8D, Off coast of Ecuador. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

2011 AUG

Main table of seismic events with columns: OTAV, Otavalo, Azimuth, Phase ID, Time, Res. Includes stations like OTAV, OTAV, OTAV, etc.

MEX 04 17:12:45.4±4.2, 36.48N-71.10E, h206km, 37km, mb3.2/7, mb1.3/3.13, mb1mx3.1/48, mbtmp3.8/13, Error ellipse: s-maj=32.8km s-min=16.9km az=30.0. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

ISC 04 17:12:50.4±3.5, 36.95N-70.12E, h100km, mb3.6, mpv4.0, Error ellipse: s-maj=36.2km s-min=22.9km az=127.0. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

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

Table with columns: AKTO, Aktubinsk, Azimuth, Phase ID, Time, Res. Includes stations like AKTO, ZALV, BRTR, etc.

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

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

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

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

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

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

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

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

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

IDC 04 19:09:19.9, 1.2, 3.28S: 130.23E, h0km, mb3.8/5, mb1.4/1.8, mb1mx3.8/4.1, mbtmp3.9/8, ML3.8/3, MS3.4/2, Ms1.3/4.2, ms1mx2.6/3.4, Error ellipse: s-maj=54.7km s-min=20.8km az=92.0

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

IDC 04 19:23:58.7, 2.7, 6.75S: 129.90E, h94km, 31km, mb3.8/2, mb1.4/1.6, mb1mx3.5/3.4, mbtmp3.4/3.6, MS4.5/1.1, Ms1.1mx2.7/3.4, Error ellipse: s-maj=51.8km s-min=18.5km az=80.0, Banda Sea

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

IDC 04 19:31:40.2, 4.2, 3.42S: 100.80E, h0km, mb3.5/5, mb1.3/6.5, mb1mx3.4/2.2, mbtmp3.5/4.5, Error ellipse: s-maj=178.6km s-min=22.1km az=56.0, Southern Sumatra

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

IDC 04 19:33:47.2, 6.0, 29.74N: 142.29E, h0km, mb3.5/3, mb1.3/6.4, mb1mx3.3/4.3, mbtmp3.4/4.1, Error ellipse: s-maj=221.5km s-min=28.1km az=72.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like MJAR Matsushiro Arr, MJAR O.5nm, 0.3s, baz=154, slow=11, SNR=5.4, etc.

CSEM 04 19:41:00.3, 1.2, 70.68N: 11.36W, h10km, ML3.4, Error ellipse: s-maj=26.8km s-min=21.0km az=57.0, ISCJB 19:41:12.0, 0.6, 71.06N: 0.09, 7.3W, 0.2, h20km, Error ellipse: s-maj=13.7km s-min=7.7km az=158

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

IDC 04 19:48:18.9, 1.1, 37.25N: 0.05, 144.50E: 0.08, h33km, mb3.6/2, MS3.2/1, Error ellipse: s-maj=10.0km s-min=6.2km az=153.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like JIO Ouri, OFUJ Ofunato, JFK Kawauichi, etc.

IDC 04 19:48:18.0, 3.8, 36.83N: 144.64E, h0km, mb3.4/2, mb1.3/7.4, mb1mx3.3/4.3, mbtmp3.6/4.4, ML3.5/2, MS2.8/2, Ms1.2/8.2, ms1mx2.3/3.0, Error ellipse: s-maj=72.3km s-min=40.7km az=5.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like JIO Ouri, OFUJ Ofunato, JFK Kawauichi, etc.

MEX 04 19:52:06.9, 0.5, 18.37N: 102.95W, h58km, 13km, MB3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like MMIG Aquila, R15V R15V, R15V R15V, etc.

CSEM 04 19:54:19.0, 37.80N: 21.24E, h31km, ML1.7/5, Error ellipse: s-maj=1.6km s-min=1.0km az=168.0, Southern Greece

Table with columns: RLS, Riolo of Patr, 0.31 35, P, P, 19 54 26.2 +0.6, etc.

CSEM 04 19:56:33.9, 0.5, 39.06N: 42.63E, h5km, MD2.9, Error ellipse: s-maj=14.2km s-min=9.2km az=116.0

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

IDC 04 19:56:33.2, 39.12N: 42.54E, h5km, MD2.8, DDA 04 19:56:34.5, 39.07N: 42.78E, h7km, MD2.9

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

TEH 04 19:57:42.4, 38.11N: 44.36E, h4km, ML2.7, CSEM 04 19:57:44.9, 0.3, 38.21N: 44.53E, h2km, MD2.8, Error ellipse: s-maj=11.7km s-min=5.5km az=174.0

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

IDC 04 19:57:44.1, 38.21N: 0.05, 44.53E: 0.02, h5km, 11km, n19, c089/34, Turkey-Iran border region

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

IDC 04 20:00:27.4, 2.0, 0.70N: 126.62E, h0km, mb3.0/3, mb1.3/2.3, mb1mx3.1/2.9, mbtmp3.0/3, Error ellipse:

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

IDC 04 20:00:27.4, 2.0, 0.70N: 126.62E, h0km, mb3.0/3, mb1.3/2.3, mb1mx3.1/2.9, mbtmp3.0/3, Error ellipse:

s-maj=169.0km s-min=26.0km az=66.0, Northern Molucca Sea

ISCJB 04 20:17:43.1-0.6, 71.07N, 0108.73W, 0.1, h20km, Error ellipse: s-maj=11.7km s-min=5.0km az=158.3

ISC 04 20:17:44.8-0.1, 70.10N, 0117.48W, 0.06, h20km, n27, c0564/31, 8D, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations like WRA, ASAR, MKAR, JNE, JNW, JMI, etc.

MEX 04 20:18:11.0-0.4, 17.13N, 94.93W, h152km, 12km, MD3.8, Chiapas

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

NEIC 04 20:18:23.0, 51.91N, 170.70W, h30km, ML4.0(AEIC), After AEIC

ISCJB 04 20:18:24.6-0.7, 52.22N, 0117.90W, 0.08, h66km, 6km, mb3.6/8, Error ellipse: s-maj=20.6km s-min=3.8km az=160.3

ISC 04 20:18:29.3-7.8, 52.34N, 170.94W, h91km, 71km, mb3.3/8, mb1.3/5/10, mb1mx2.6/1, mbtmp3.7/10, ML3.42, MS2.9/4, Ms1.2/9.4, ms1mx2.6/21, Error ellipse: s-maj=37.2km s-min=17.3km az=5.0

ISC 04 20:18:25.3-1.4, 52.22N, 0117.90W, 0.05, h57km, 12km, n43, c086/45, mb3.7/8, MS2.7/3, Fox Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like H1S1, H1S2, H1S3, PDAR, SONM, etc.

MAN 04 20:20:23.9, 28N, 121.88E, h17km, mb4.3, ML3.1, MS2.9, 1C, Sulu Sea

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

IPEC 04 20:25:12.6-0.1, 49.17N, 20.86E, h5km, ML1.8/4, Error ellipse: s-maj=0.8km s-min=0.6km az=12.0

CSEM 04 20:25:12.5-0.1, 49.17N, 20.84E, h2km, ML2.5/4, Error ellipse: s-maj=2.8km s-min=2.0km az=23.0

PRU 04 20:25:16.5, 49.21N, 20.58E, h6km, Slovakia; Ne Of Keszmarok

ISC 04 20:25:12.3-1.0, 49.18N, 020.83E, 0.02, h4km, 10km, n38, c1109/61, 6C-50, Poland

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

JAVC comp=Z, 6.0nm, 0.4s Velka Javorinka 2.10 262 ePn Pn

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

CSEM 04 20:32:49.9-0.6, 41.07N, 20.05E, h2km, ML2.0, Error ellipse: s-maj=12.3km s-min=4.4km az=28.0

BEO 04 20:32:49.2-0.8, 41.00N, 20.07E, h0km, ML2.0/5

TIR 04 20:32:50.3, 41.24N, 20.15E, h13km, ML2.5

SKO 04 20:32:51.6, 41.22N, 20.08E, h2km, M1.6, ML2.1

ISO 04 20:32:45.4-2.1, 40.87N, 009.19E, 0.05, h8km, 12km, n18, c1562/36, Albania

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

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

IDC 04 20:48:38.0-1.7, 6.88S, 129.09E, h0km, mb3.9/2, mb1.4/0.5, mb1mx3.6/32, mbtmp3.9/5, ML3.9/3, Error ellipse: s-maj=88.3km s-min=24.8km az=77.0, Banda Sea

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

IDC 04 21:01:50.4-1.1, 9.93S, 125.61E, h0km, mb3.6/1, mb1.3/8/4, mb1mx3.5/35, mbtmp3.6/4, ML3.6/3, MS2.9/1, Ms1.2/9.1, ms1mx2.4/26, Error ellipse: s-maj=97.9km s-min=28.2km az=67.0, Timor region

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

IDC 04 21:04:50.8-5.7, 5.83S, 152.46E, h93km, 44km, mb3.2/7, mb1.3/8/4, mb1mx3.3/32, mbtmp3.6/8, MS2.8/1, Ms1.2/8/1, ms1mx3.3/12, Error ellipse: s-maj=55.7km s-min=25.3km

ISC 04 21:04:44.1-1.6, 5.85S, 03.152E, 0.3, h38km, n9, c1567/11, mb3.6/7, New Britain region

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

MEX 04 21:30:00.7-0.4, 16.06N, 95.77W, h56km, 10km, MD3.5, Oaxaca

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

ISCJB 04 21:42:04.0-0.4, 40.77N, 0103.31E, 0.03, h0km, Error ellipse: s-maj=5.0km s-min=2.7km az=171.8

ISK 04 21:42:03.8, 40.74N, 0131.63E, h5km, MD2.7

DDA 04 21:42:03.5, 40.78N, 0131.67E, h7km, MD2.7, Suspected Mining explosion.

CSEM 04 21:42:04.2-0.2, 40.74N, 0131.68E, h2km, MD2.7, Error ellipse: s-maj=4.8km s-min=3.1km az=174.0, Suspected Mining explosion.

ISC 04 21:42:03.2-0.8, 40.74N, 0103.31E, 0.02, h0km, n44, c0578/62, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAND Kocaeli-Kandir, LOD Lodumlu, BORA Eskisehir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTAK Corum_Osmancik, CTAK Corum-Alaca, BOYT Boyabat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BALB Balikesir, BALB Balikesir, SIMA Simav-Kutahya, etc.

NIED 04 21:51:00.34:90N:140:10E, h53km, Mw4.3 Best double couple: Ma2.850000...1015 NP1.3e6.000000...847.000000...

JMA 04 21:51:40.8:0.2, 34:93N:140:09E, h64km, 2km, M3.7 Broadband fault plane solution: P waves. NP1: ...

JMA 04 21:51:42.3:1.1, 34:88N:140:04E, h63km, 11km, mb3.7/12, mb1.3/9/15, mb1mx3/7/44, mbmp4.0/15, MS3.2/6...

ISC 04 21:51:41.8:0.7, 34:92N:140:05:140:10E:0.04, h59km, 6km, n37, t=157/37, mb4.0/12, MS3.3/4, 3C-6D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TATJ Tatemaya 2, BS04 Boso 4, BS04 Katsura, etc.

NIED 04 22:18:00.37:90N:144:60E, h8km, Mw3.5 Best double couple: Ma2.190000...1014 NP1.3e19.000000...839.000000...

JMA 04 22:18:39.6:0.2, 37:85N:144:55E, h42km, M3.8, Off east coast of Honshu

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

NIED 04 22:18:00.37:90N:144:60E, h8km, Mw3.5 Best double couple: Ma2.190000...1014 NP1.3e19.000000...839.000000...

JMA 04 22:18:39.6:0.2, 37:85N:144:55E, h42km, M3.8, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OFUJ Ofunato, JIO Ouri, MIJY Miyakonagasawa, etc.

ISC 04 22:34:06.0:18.0, 20:40S:178:61W, h620km, 159km, mb2.8/3, mb1.3/1.3, mb1mx2.8/31, mbmtmp3.8/3, Error ellipse: s-maj=261.8km s-min=45.6km az=135.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warrungarra Arr, ILAR Eielson Array, etc.

ISC 04 22:38:05.9:0.6, 39:30N:0:03:28:31E:0:03, h5km, 5km, Error ellipse: s-maj=4.8km s-min=3.9km az=44.6

ISC 04 22:40:03.7:1.3, 37:88S:25:81W, h0km, mb3.8/2, mb1.3/8/3, mb1mx3.6/18, mbmtmp3.7/3, ML3.5/1, Error ellipse: s-maj=5.1km s-min=36.4km az=41.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNA4 Sanae, H10S2 ASCENSION HYDR9.57, H10S3 ASCENSION HYDR9.57, etc.

ISC 04 22:41:50.9:1.2, 32:81N:46:86E, h0km, 12km, ML3.1 CSEM 04 22:41:53.9:0.3, 32:75N:46:84E, h20km, ML3.1, Error ellipse: s-maj=9.1km s-min=6.7km az=79.0

TEH 04 22:41:54.5, 32:82N:46:82E, h19km, ML3.1, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IKOM Komasi, IGHE Ghaleghazi, IGHE Ghaleghazi, etc.

ISC 04 22:41:53.9:0.3, 32:75N:46:84E, h20km, ML3.1, Error ellipse: s-maj=9.1km s-min=6.7km az=79.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IKLH Kolarhood, IKLH Kolarhood, GHVR GHOM, etc.

SJA 04 23:03:25.5:1.1, 31:97S:71:50W, h10km, 23km, ML3.2 GUC 04 23:03:28.1:0.4, 32:145S:71:63W, h44km, 3km, ML3.1

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DDA 04 22:13:04.3:0.4, 80:0N:34:80E, h18km, MD2.9

5d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BRG, CLL, CLM, etc.

NEIC 05 01:18:42.8, 40:40N:124.96W, h9km, MWV3.5(BRK), After NCEDC

ISC 05 01:18:41.8±2.5, 40:39N±0.04, 125:00W±0.1, h15km±12km, n28, r125/37, Off coast of northern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JCC, KMRM, KHM, etc.

2011 AUG

NEIC 05 01:21:16.1, 51:83N:174.77W, h25km, ML3.5(AEIC), After AEIC, Andean Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KOKL, KOKF, KOKV, etc.

ISC 05 01:30:17.6±0.6, 14:80S:66:33E, h0km, mb4.2/23, mb1 4.3/23, mb1mx4.1/60, mbtmp4.2/23, MS4.0/3, MS1 4.0/3, ms1mx3.2/45, Error ellipse: s-maj=19.7km s-min=16.0km az=166.0

ISCJB 05 01:30:19.0±0.5, 14:83S:0:09-66:33E±0.08, h1hkm, mb4.4/37, MS3.9/2, Error ellipse: s-maj=13.1km s-min=10.1km az=149.3

NEIC 05 01:30:19.0±0.2, 14:83S:66:31E, h10km, mb4.7/7, Error ellipse: s-maj=8.3km s-min=7.2km az=147.0

ISC 05 01:30:20.6±0.6, 14:8S:0:166:3E±0.1, h19km, n93, o564/91, mb4.5/39, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H0S21, H0S22, H0S23, etc.

NEIC 05 01:39:59.1±1.9, 14:57S:66:55E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.6/57, mbtmp3.6/57, Error ellipse: s-maj=63.3km s-min=38.2km az=45.0

ISCJB 05 01:36:00.6±0.9, 14:5S:0:2-66:7E±0.3, h20km, mb3.8/7, Error ellipse: s-maj=38.6km s-min=22.1km az=167.3

NEIC 05 01:36:00.8±0.7, 14:58S:66:57E, h10km, mb4.2/1, Error ellipse: s-maj=29.1km s-min=17.1km az=77.0

ISC 05 01:36:02.4±1.0, 14:6S:0:2-66:6E±0.3, h20km, n19, o50/110, mb3.9/7, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H0S21, H0S22, H0S23, etc.

222

ESDC Sonseca Array 84.83 313 P P 01 42 54.4 +0.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KLR, NOA, INK, ILAR, etc.

ISC 05 01:39:59.1±1.9, 14:57S:66:55E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.6/57, mbtmp3.6/57, Error ellipse: s-maj=63.3km s-min=38.2km az=45.0

ISCJB 05 01:36:00.6±0.9, 14:5S:0:2-66:7E±0.3, h20km, mb3.8/7, Error ellipse: s-maj=38.6km s-min=22.1km az=167.3

NEIC 05 01:36:00.8±0.7, 14:58S:66:57E, h10km, mb4.2/1, Error ellipse: s-maj=29.1km s-min=17.1km az=77.0

ISC 05 01:36:02.4±1.0, 14:6S:0:2-66:6E±0.3, h20km, n19, o50/110, mb3.9/7, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H0S21, H0S22, H0S23, etc.

ISCJB 05 01:39:58.7±0.8, 37:25N±0.05, 143:93E±0.06, h33km, mb3.9/5, MS4.3/3, Error ellipse: s-maj=7.1km s-min=6.6km az=154.9

JMA 05 01:40:00.7±0.2, 37:32N±143:81E, h44km, MB3.5

ISC 05 01:40:01.3±1.9, 36:36N±143:68E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.5/59, mbtmp3.8/5, ML3.7/1, MS4.2/4, MS1 4.2/4, ms1mx3.5/59, Error ellipse: s-maj=51.1km s-min=24.0km az=60.0

NEIC 05 01:40:07.3±1.1, 36:28N±143:45E, h35km, mb4.2/1, Error ellipse: s-maj=26.0km s-min=12.4km az=46.0

ISC 05 01:39:59.4±1.4, 37:27N±0.06, 144:02E±0.09, h35km, n27, r150/32, mb4.1/5, MS4.4/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JIO, JFK, JFM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for AKASG, VRAC, and ESCD.

IDC 05 02:03:26.1±1.5, 14.58S, 66.28E, h0km, mb3.7/8, mb1 3.6/8, mb1m3.6/5.4, mb1m3.7/8, Error ellipse: s-maj=56.8km s-min=24.8km az=43.0, Mid-Indian Ridge

Main table for station data on page 223, including stations like H08S1, H08S2, H08S3, etc.

ISC/BJ 05 02:03:28.6±0.8, 34.31N, 0.033199E, h1km, mb3.7/8, Error ellipse: s-maj=6.5km s-min=4.5km az=8.5

CSEM 05 02:03:29.9±0.7, 34.36N, 32.13E, h8km, ML3.6, Error ellipse: s-maj=1.4km s-min=0.9km az=17.0

HLW 05 02:03:29.1±0.2, 34.36N, 32.13E, h32km, 2.3km, Md3.1

NIC 05 02:03:30.2±0.2, 34.43N, 31.97E, h21km, ML3.6

ISC 05 02:03:27.5±1.3, 34.42N, 0.033199E, h17km, 1.0km, n36, c174/60, Cyprus region

Main table for station data on page 223, including stations like PPHY, AKCM, AKCM, etc.

CSEM 05 02:16:42.3, 40.28N, 15.16E, h8km, MD2.4/12, ROM 05 02:16:42.3±0.2, 40.28N, 15.16E, h8km, 1km, Md2.4/12, M11.7/12, Error ellipse: s-maj=2.6km s-min=1.3km az=70.0, Southern Italy

Main table for station data on page 223, including stations like CMPR, CDRU, BULG, etc.

Main table for station data on page 224, including stations like MGR, MGR, MGR, etc.

IDC 05 02:16:55.8±1.6, 42.02N, 26.08E, h0km, mb3.1/3, mb1 3.3/5, mb1m3.2/4.2, mb1m3.1/5, ML2.2, Error ellipse: s-maj=24.8km s-min=10.1km az=52.0

DDA 05 02:16:56.6, 42.26N, 26.27E, h14km, ML3.8

THE 05 02:16:58.8, 42.24N, 26.24E, h5km, 1km, ML3.9/6, Error ellipse: s-maj=1.3km s-min=0.5km az=8.0

CSEM 05 02:16:58.4±0.1, 42.22N, 26.19E, h2km, ML3.8, Error ellipse: s-maj=2.7km s-min=1.9km az=43.0

BE0 05 02:16:58.7±0.7, 42.19N, 26.11E, h0km, M3.6/1

SOF 05 02:16:58.2, 42.22N, 26.20E, h9km, MD3.2

ISC 05 02:16:59.5, 42.08N, 26.35E, h5km, ML3.8

ISC 05 02:16:57.6±1.0, 42.24N, 0.012622E, h6km, 8km, n258, c1930/319, 28C-21D, Bulgaria

Main table for station data on page 224, including stations like JMB, JMB, DIM, etc.

Main table for station data on page 224, including stations like SINB, MPEP, SBT2, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like H11S3 WAKE ISLAND and H11S2 WAKE ISLAND.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like LTZ Lake Taylor and OXZ Oxford.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ECL baz=56 and TAI1 Yung-k'ang.

NIED 05 04:14:00.38:60N,142:10E,h44km,Mw4.0 Best double couple: M1.05000-1.015 N1.340.00000: 867.00000, 1.666.00000: NP2:55.75.00000: 877.00000: 1.23.00000: ISCJB 05 04:14:17.9:1.2,38:55N:0:04:142:2E:0.1,h45km,9km, mb3.9/12,MS3.4/2, Error ellipse: s-maj=15.1km s-min=6.1km az=4.0

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like CHN3 Shinhua and CHN3 baz=5.0.

WEL 05 04:07:48.8:0.3,37.03Sx176:37E,h217km,3km,ML3.9/39, 15C-4D, Error ellipse: s-maj=4.9km s-min=4.8km az=0.0, North Island

JMA Felt J1. JIC 05 04:14:26.0:2.6,38:37N:141:23E,h76km,22km,mb3.6/12, mb1.3/6.17,mb1mx3.5/49,mbtmp3.8/17,MS3.0/4, Ms1.3/0.4,ms1mx2.6/40, Error ellipse: s-maj=29.9km s-min=12.5km az=78.0

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like SCLT Jiali and SCLT baz=9.0.

Main table listing station data for North Island, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like HAZ Te Kaha, Urewera, Raukumara Rang, etc.

ISC 05 04:14:18.4:1.7,38:50N:0:04:142:05E:0:08,h27km,11km, h33,-1848/36,mb4.0/12, Near east coast of eastern Honshu

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like CHN1 Nanshi and TWG Pinlang.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JIO Ouri and JIO Jiu.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like OFJU Ofunato and OFJU Ofu.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JMK Ichinoseki and JMK JMK.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JOU Okura and JOU JOU.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JOM Ohasama and JOM JOM.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JMM Marumori and JMM JMM.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JYK Kaneyama and JYK Kaneyama.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JRG Rokuyo and JRG Rokuyo.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like JJK Kawachi and JJK Kawachi.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MJAR Matsushiro Arr and MJAR Matsushiro.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MAT Matsushiro and MAT MAT.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like HJH Hachijo jima 2 and HJH Hachijo jima 2.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like USRK Ussuriysk Ar and USRK Ussuriysk Ar.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like KSR5 Korea Array and KSR5 Korea Array.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like KSR5 Korea Array and KSR5 Korea Array.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like KLR Kuldur and KLR Kuldur.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like SONM Songoing Array and SONM Songoing Array.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like H1N2 WAKE ISLAND Hy and H1N2 WAKE ISLAND Hy.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like H1N1 WAKE ISLAND Hy and H1N1 WAKE ISLAND Hy.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like H1S1 WAKE ISLAND Hy and H1S1 WAKE ISLAND Hy.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWG Pinlang and TWG baz=39.

K22A	Casper	17.88	8	eP	P	05 58 06.4 +3.2
344A	Westbrook Farm	17.91	64	P	P	05 58 07.7 +0.2
Y42A	Garnett, Star	17.92	56	P	Pn	05 58 03.0 0.0
KSU1	Kansas State U	17.93	35	P	Pn	05 58 01.4 -1.8
KSU1	Kansas State U	17.93	35	eP	P	05 58 05.5 +1.8
R36A	Gordon, Harris	17.97	39	P	Pn	05 58 02.1 -1.6
S37A	Fort Scott	17.99	41	P	Pn	05 58 02.2 -1.6
O32A	Brockman Farm,	18.04	29	P	Pn	05 58 00.7 -3.7
445A	Amite	18.04	67	P	P	05 58 04.9 0.0
Q35A	Mercer Eighty,	18.06	36	P	Pn	05 58 03.5 -1.2
V40A	Witts Springs	18.11	49	P	Pn	05 58 04.3 -1.1
244A	Avery, Jackson	18.12	63	P	Pn	05 58 05.3 -0.1
P34A	Walnut Farm, R	18.16	33	P	Pn	05 58 04.4 -1.5
W41B	Gary Mavity, V	18.19	52	P	Pn	05 58 05.7 -0.7
O33A	Hebron	18.20	31	P	Pn	05 58 04.5 -2.0
X42A	Stuttgart	18.35	54	P	P	05 58 07.8 -0.5
R37A	Teagarden Farm	18.35	40	P	P	05 58 05.9 -2.4
U40A	Yellville	18.39	48	P	P	05 58 06.8 -2.0
O03D	Paynes Creek	18.40	329	P	Pn	05 58 11.4 +2.5
T39A	Cleaver	18.43	45	P	P	05 58 07.6 -1.5
REDW	Red Top Meadow	18.43	357	eP	P	05 58 07.5 -1.8
345A	Thompson Farm,	18.44	65	P	P	05 58 09.0 -0.3
S38A	Stockton	18.46	43	P	P	05 58 07.3 -2.2
144A	Alexander Plac	18.52	61	P	P	05 58 09.2 -1.0
SNOW	Snow King Moun	18.52	358	eP	P	05 58 09.4 -1.1
P35A	Duane Minner,	18.56	35	P	P	05 58 08.4 -2.2
TPAW	Teton Pass	18.56	357	eP	P	05 58 09.7 -1.1
V41A	Mountainview	18.57	50	P	P	05 58 09.0 -1.7
M31A	Lambrecht Ranc	18.64	26	P	P	05 58 10.1 -1.4
LOHW	Low Hollow	18.67	358	eP	P	05 58 10.1 -1.9
O34A	Beatrice	18.71	32	P	P	05 58 08.1 -4.1
Z44A	Pea Ridge, Bel	18.74	59	P	P	05 58 12.3 -0.2
245A	Little AP, Sta	18.76	63	P	Pn	05 58 13.4 +0.1
N33A	J Bar K, Exete	18.79	30	P	P	05 58 09.9 -3.2
MOOW	Moose Ponds	18.81	358	eP	P	05 58 13.0 -0.5
R38A	Fenwick Farm,	18.82	42	P	P	05 58 12.7 -0.7
S39A	Bolivar	18.86	44	P	P	05 58 13.7 -0.3
X43A	Marvell	18.89	55	P	P	05 58 14.3 +0.1
346A	Big Creek Wild	18.93	66	P	P	05 58 15.0 +0.3
Q37A	Longview Farm,	18.95	39	P	P	05 58 14.8 0.0
IMW	Indian Meadow	18.97	357	eP	P	05 58 15.2 -0.1
WVOR	Wild Horse Val	18.98	339	eP	Pn	05 58 16.3 +0.3
HLID	Hailey	19.01	349	eP	P	05 58 08.6 -7.0
HLID	Hailey	19.01	349	eP	Pn	05 58 16.2 -0.2
U41A	Viola	19.02	49	P	P	05 58 15.4 -0.2
BGNE	Belgrade	19.04	27	P	P	05 58 15.7 -0.1
P36A	Good Intent, A	19.05	36	P	P	05 58 15.5 -0.5
T40A	Mansfield	19.06	46	P	P	05 58 16.6 +0.5
MOD	Modoc Plateau	19.10	335	eP	Pn	05 58 19.8 +2.2
V42A	Cord	19.11	51	P	Pn	05 58 17.3 -0.2
MFID	Camas Ranch	19.14	346	eP	Pn	05 58 18.2 +0.3
FLWY	Flag Ranch	19.14	358	eP	Pn	05 58 17.7 -0.3
O35A	Humboldt	19.16	34	P	P	05 58 17.0 -0.2
N34A	Lincoln	19.31	31	P	P	05 58 18.6 -0.2
S40A	Lebanon	19.33	45	P	P	05 58 18.8 -0.2
R39A	Chumby, Stover	19.43	43	P	P	05 58 20.2 +0.1
447A	Lucedale	19.47	68	P	Pn	05 58 23.0 +1.1
Q38A	Cooks Store, C	19.49	40	P	P	05 58 21.3 +0.6
U42A	Reviden	19.49	50	P	P	05 58 21.4 +0.6
P37A	Lathrop	19.50	38	P	P	05 58 20.8 -0.1
T41A	Mountain View	19.50	47	P	P	05 58 20.8 -0.1
O36A	Bolckow	19.55	36	P	P	05 58 21.5 +0.1
M33A	Taylor Creek F	19.58	29	P	P	05 58 21.8 +0.1
M04C	Macdoel	19.62	332	P	P	05 58 22.0 -0.4
347A	Saraland	19.70	66	P	Pn	05 58 25.7 +1.1
RSSD	Black Hills	19.70	12	P	P	05 58 23.6 +0.3
N35A	Tabor	19.75	33	P	P	05 58 23.1 -0.4
247A	Quitman	19.81	64	P	P	05 58 24.8 +0.5
S41A	Jillico Farms,	19.81	46	P	Pn	05 58 25.6 -0.4
K31A	O'Neill	19.82	24	P	P	05 58 24.3 -0.1
Z46A	Louisville	19.88	61	P	Pn	05 58 26.3 -0.4
R40A	Madies Statio	19.89	44	P	P	05 58 25.5 +0.3
Q39A	Willow Grove F	19.93	41	P	P	05 58 26.2 +0.6
P38A	Dawn	19.98	39	P	P	05 58 26.3 +0.2
MCMT	McKenzie Canyo	20.04	353	P	Pn	05 58 28.0 -0.7
K32A	Verdigre	20.16	26	P	P	05 58 28.0 0.0
RLMT	Red Lodge	20.16	1	P	P	05 58 27.2 -1.2
RLMT	Red Lodge	20.16	1	eP	Pn	05 58 29.8 -0.4
J30A	Dallas	20.17	22	P	P	05 58 27.7 -0.5
M35A	Neola	20.18	32	P	P	05 58 28.5 +0.2
Y46A	Houston	20.18	59	P	P	05 58 28.8 +0.4
147A	Livingston	20.26	63	P	P	05 58 29.8 +0.6
K04D	Chiloquin, OR	20.29	334	P	P	05 58 28.9 -0.7
P39B	Salisbury	20.34	40	P	P	05 58 29.9 -0.1

O38A	Galt	20.35	38	P	P	05 58 29.9 -0.3
W45A	Hickory Valley	20.42	55	P	P	05 58 31.1 +0.1
Q40A	Lau Farm, Aux	20.44	42	P	P	05 58 31.4 +0.3
R41A	Rosebud	20.46	45	P	P	05 58 31.4 +0.1
T43A	Greenville	20.52	49	P	P	05 58 31.4 -0.6
248A	Dixon Mills	20.53	65	P	P	05 58 32.4 +0.2
DLMT	Dillon	20.54	354	eP	Pn	05 58 34.0 -0.5
Z47A	Carrollton	20.58	61	P	P	05 58 33.0 +0.4
M36A	Felix, Anita	20.61	33	P	P	05 58 32.4 -0.6
J05D	Fort Rock, OR	20.64	335	P	P	05 58 31.7 -1.7
L35A	Bielow Farm, R	20.75	31	P	P	05 58 33.2 -1.3
P40A	Paris	20.79	41	P	P	05 58 35.6 +0.7
J32A	Parkston	20.81	25	P	P	05 58 35.8 +0.7
R42A	Luebbering	20.83	46	P	Pn	05 58 36.9 -0.8
V45A	Humboldt	20.84	54	P	P	05 58 35.8 +0.4
BMO	Blue Mountains	20.84	345	eP	P	05 58 35.7 +0.2
S43A	Fulton Ridge,	20.92	48	P	P	05 58 36.7 +0.3
J04D	Umpqua Natona	20.94	334	P	P	05 58 33.2 -3.5
M37A	Trindler Farm,	20.95	34	P	P	05 58 36.7 +0.1
K34A	Le Mars	20.96	29	P	P	05 58 37.6 +0.9
O39A	Kirkville	20.97	39	P	P	05 58 37.4 +0.6
Z48A	Northport	21.04	61	P	P	05 58 39.9 +2.3
J33A	Davis	21.11	26	P	P	05 58 38.0 -0.3
I31A	Royce, Wessing	21.12	23	P	P	05 58 38.5 0.0
L36A	Harm Buss Farm	21.16	32	P	P	05 58 39.3 +0.4
O40A	La Belle	21.27	40	P	P	05 58 41.7 +1.7
SUSD	Miller	21.34	21	P	P	05 58 41.6 +0.7
Q42A	Golden Eagle	21.35	45	P	P	05 58 42.2 +1.2
K35A	Storm Lake	21.38	30	P	P	05 58 42.4 +1.2
LRAL	Lakewood Retre	21.39	63	eP	P	05 58 46.6 +5.2
M38A	Pleasantville	21.41	36	P	P	05 58 42.1 +0.5
N39A	Derby Farms, D	21.41	38	P	P	05 58 41.8 +0.2
J34A	George	21.50	28	P	P	05 58 43.5 +1.0
I32A	Karley and Nic	21.51	25	P	P	05 58 43.0 +0.3
H31A	Wolsey	21.54	22	P	P	05 58 43.4 +0.5
S44A	Carbondale	21.54	49	P	P	05 58 43.4 +0.4
I05D	Ferriehouse, OR	21.59	337	P	P	05 58 45.8 +2.3
ECSD	EROS Data Cent	21.60	26	P	P	05 58 44.1 +0.5
ECSD	EROS Data Cent	21.60	26	eP	P	05 58 41.9 -1.7
L37A	Phoenix Point,	21.63	34	P	P	05 58 44.1 +0.2
IRO	Indian Ridge	21.64	335	P	P	05 58 50.6 +6.4
I33A	Coleman	21.79	26	P	P	05 58 43.6 -2.0
O41A	Pasleys Farm,	21.86	42	P	P	05 58 46.1 -0.3
P42A	Winchester	21.86	43	P	P	05 58 47.5 +1.0
J35A	Milford	21.89	29	P	P	05 58 48.9 +2.2
LAO	LASA Array	21.90	6	P	P	05 58 42.3 -4.6
LAO	LASA Array	21.90	6	eP	P	05 58 48.3 +1.4
Q43A	New Douglas	21.91	24	P	P	05 58 48.3 +1.4
H32A	Carlson Farm,	21.93	24	P	P	05 58 45.3 -1.8
R44A	Waltonville	21.94	48	P	P	05 58 48.4 +1.1
S45A	Gar Mills	22.00	50	P	P	05 58 48.9 +1.1
M39A	Webster	22.00	37	P	P	05 58 49.3 +1.4
L38A	Oak Wood Farm,	22.05	35	P	P	05 58 49.5 +1.1
M50	Missoula	22.14	352	P	P	05 58 49.0 -0.4
I34A	Hadley	22.16	27	P	P	05 58 49.7 +0.1
K37A	Belmond	22.16	33	P	P	05 58 50.3 +0.6
J36A	Seneca 1, Swea	22.26	31	P	P	05 58 51.1 +0.4
F29A	Eureka	22.33	18	P	P	05 58 50.6 -0.8
Q44A	Meyer Farm, Va	22.33	46	P	P	05 58 50.6 -0.9
H33A	Frehn Over Nor	22.34	25	P	P	05 58 50.5 -1.1
G05D	Wamic, OR	22.37	338	P	P	05 58 50.4 -1.4
I35A	Creeview Farm	22.38	29	P	P	05 58 51.5 -0.6
O42A	Bath	22.39	42	P	P	05 58 52.4 +0.3
K38A	Parkersburg	22.51	34	P	P	05 58 53.4 0.0
L39A	Vinton	22.54	36	P	P	05 58 54.5 +0.9
G32A	Webster	22.55	23	P	P	05 58 53.9 0.0
J37A	Redenius Farm,	22.61	32	P	P	05 58 55.2 +0.7
H34A	Spellman Lake,	22.71	26	P	P	05 58 56.7 +1.3
F31A	Hecla	22.83	21	P	P	05 58 58.0 +1.3
HAWA	Hanford	22.85	342	eP	P	05 58 59.8 +2.9
G33A	Ortonville	22.89	25	P	P	05 58 58.2 +0.9
I36A	Fitzsimmons Fa	22.94	30	P	P	05 58 58.6 +0.7
SNWA	Snively Ranch	22.95	342	P	P	05 59 03.2 +5.3
BEWA	Beason Ranch	23.01	342	P	P	05 59 03.2 +5.3
HDIL	Hopedale	23.09	43	eP	P	05 59 04.1 +4.6
H35A	Sunnyside Ranc	23.12	28	P	P	05 58 59.3 -0.5
J38A	Wedd Dairy, R	23.15	33	P	P	05 59 01.0 +1.0
I37A	Lemond, Waseca	23.22	31	P	P	05 59 01.9 +1.1
G34A	Benson	23.24	26	P	P	05 59 01.2 +0.3
L41A	Preston	23.33	38	P	P	05 59 01.2 -0.7
H36A	Jessenland, He	23.42	29	P	P	05 59 03.2 +0.4
F33A	5 Mile Ranch,	23.49	24	P	P	05 59 02.4 -1.1
E31A	Nome	23.57	21	P	P	05 59 03.2 -1.0
G35A	Watkins	23.69	27	P	P	05 59 04.2 -1.2
I38A	Scanlan Farm,	23.75	32	P	P	05 59 05.7 -0.3
K41A	Shullsburg	23.79	37	P	P	05 59 06.3 -0.1

TIGA	baz=229	23.85	68	P	P	05 59 10.2 +3.1
DGMT	Dagmar	23.90	9	P	P	05 59 06.2 -1.3
NEW	Newport	24.04	348	P	P	05 58 07.8 -0.9
NEW	Newport	24.04	348	P	LR	06 09 19.7
NEW	Newport	24.04	348	P	P	05 59 07.5 -1.2
NEW	Newport	24.04	348	eP	P	05 59 07.5 -1.2
D31A	Michael, Tow	24.05	20	P	P	05 59 08.4 -0.5
MDND	Maddock	24.24	17	P	P	05 59 08.2 -2.4
MDND	Maddock	24.24	17	eP	P	05 59 12.6 +2.1
WALA	Waterton Lakes	24.33	353	eP	P	05 59 10.5 -1.0
GOGA	Godfrey	24.34	64	eP	P	05 59 16.3 +4.6
SFIN	Lafayette					

Table with columns: STGS, Station Name, Azimuth, Elevation, Frequency, Polarization, and other parameters. Includes stations like Jiashian, Hsinying, TWK, etc.

ISCJB 05 06:59:47.0.0.6, 50.31N, 0.04E, 18.74E, 0.03h, Error ellipse: s-maj=6.4km s-min=2.8km az=14.6

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Polarization, and other parameters. Includes stations like Ostrava-Krasne, Ojcow, etc.

Table with columns: UPC, Station Name, Azimuth, Elevation, Frequency, Polarization, and other parameters. Includes stations like Upice, Stebnicka Huta, etc.

IDC 05 07:19:30.0.1.9, 39.37N, 20.63E, h0km, mb3.77, m1 3.9/9, mb1mx3.6/39, m1btp3.8/9, ML3.6/2, MS2.9/2, Ms1 2.9/2, ms1mx2.2/58, Error ellipse: s-maj=41.9km s-min=20.1km az=42.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res, and other parameters. Includes stations like IGT, IGoumenitsa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res, and other parameters. Includes stations like KEK, Kerkira, PDO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res, and other parameters. Includes stations like EVR, Valsamata, Anninata, etc.

Large table with columns: AGG, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res, and other parameters. Includes stations like Agios Georgios, Vitineika, etc.

Table with columns: VLY, TIP, comp, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Voula, Athens, Timpagrande, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Guiria, Tracachaca, Pointe-a-Pierr, etc.

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

Table with columns: KELT, DARE, PTK, RTK, ESPY, AKCD, SVRC, BNN, BNN. Rows include Kelkit, Darende-Malaty, Pertek, etc.

ISC/JB 05:08:04:17.2,0.4,6.60S:0.04x148.04E:0.07,h51km, mb4.7/34,MS4.0/16, Error ellipse: s-maj=10.4km...

NEIC 05:08:04:20.0,0.8,6.61S:147.96E,h60km,7km,mb4.8/18, Error ellipse: s-maj=7.8km s-min=5.7km az=105.0

DJA 05:08:04:28.8,1.1,7.7S:8.14'8E:1.2,h85km,6km,M4.5/10, mB5.9/2,mb4.7/10,MLV4.4/1,Mw(mB)5.5/2

ISC 05:08:04:19.5,0.5,6.56S:0.05x148.01E:0.07,h51km,n84, s=1568/84,mb4.7/34,MS4.0/16, New Britain region

Main table for station 233 with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Port Moresby, Rabaul, Jayapura, etc.

Main table for station 2015 AUG with columns: KLR, HHC, HHC, HON, PPTZ, TBI, SONM, SONM, SONAI, VANDA, VANDA, WMQ, WMQ, WMQ, RKT, MK01, MKAR, ZALV, ZALV, KSH, KSH, KSH, KSH, KSH, KSH, KURK, KURB, KKAR, ILAR, ILAR, NRIK, BVAR, AKTO, AKTO, YKTA, YKTA, TIRR, UJAL, HOPE, GERES, GERES, GEAO, PRAC, LPAZ, PITA, DBIC, DBIC. Rows include Kul'dur, Hu-ho-hao-te, etc.

NNC 05:08:04:37.0,4.4,39.88N:74.57E,h0km,mb3.5,mpv3.1, Error ellipse: s-maj=38.0km s-min=18.4km az=135.0

SOME 05:08:04:36.3,39.83N:73.97E,h0km KRNET 05:08:04:37.8,0.1,39.72N:74.56E,mb3.1

ISC 05:08:04:38.6,1.6,39.87N:0.06:74.52E:0.04,h3km,11km, n21,c=28/38,20C-12D,Southern Xinjiang

Main table for station 2015 AUG (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Arslanbob, Aral, Aral, etc.

Table for station 5d 8h with columns: KK31, KK31, DZET, DZET, DZET, PDGK, PDGK, PDGK. Rows include Arslanbob, Aral, Aral, etc.

KRNET 05:08:09:21.8,0.1,39.85N:74.43E,mb2.7 SOME 05:08:09:23.0,40.02N:74.50E,h10km

NIC 05:08:09:26.5,2.8,40.24N:74.67E,h0km,mb3.3,mpv2.9, Error ellipse: s-maj=25.0km s-min=11.6km az=136.0

ISC 05:08:09:25.3,1.8,39.95N:0.06:74.39E:0.04,h7km,13km, n18,c=19/31,18C-8D,Southern Xinjiang

Main table for station 5d 8h (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Arslanbob, Aral, Aral, etc.

MEX 05:08:14:55.1,0.6,27.75N:111.68W,h16km,9km,MD3.8, Guo of California

Table for station MEX 05:08:14:55.1 with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes Santa Rosalia, Guaymas, etc.

NNC 05:08:17:02.5,1.6,44.80N:81.45E,h0km,mb3.0,mpv2.5, Error ellipse: s-maj=32.3km s-min=7.4km az=119.0

SOME 05:08:17:03.2,44.88N:81.23E,h0km KRNET 05:08:17:01.1,1.1,44.39N:81.23E:0.01,h4km,18km,n9,

c=0/93/18,4C-2D,Northern Xinjiang

Main table for station MEX 05:08:14:55.1 (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Jarkent, Jarkent, etc.

ISC/JB 05:08:17:41.4,0.3,2.68N:0.03x124.20E:0.05,h351km, mb4.1/40, Error ellipse: s-maj=6.8km s-min=4.0km

KLM 05:08:17:42.1,2.51N:124.34E,h373km,mb4.5, Error ellipse: s-maj=18.2km s-min=16km,mb3.8/20, mb1.3/8/20,mb1mx3.6/49,mbtmp4.5/20

s-maj=18.7km s-min=8.5km az=72.0
DJA 05:08:17:45.2:0.4,2'N,6.12'4E,h361km,3km,M4.5/10,
mb4.5/10,mb4.7/3,MLV4.6/8,MW(mb)4.0/3
NEIC 05:08:17:45.3:0.7,2.58N,123.99E,h379km,8km,mb4.5/21,
Error ellipse: s-maj=10.7km s-min=5.7km az=60.0
ISC 05:08:17:42.8:0.3,2.57N,120.05E,124.05E,0.06,h351km,n97,
c=1999/114,mb4.2/40,1C-1D,Celebes Sea

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

Table with columns: KBL, ZAAO, ZAAO, KURK, KKAR, URZ, BVAR, GEYT, NRIK, OHAK, KMBQ, ILAR, BRTR, BR21, ARCES, FIA1, FINESS, HYT, KECS, GERES, ANMO, PMSA, TXAR, X301, TGUH, PAYG. Lists station names, coordinates, and seismic data.

SOME 05:08:18:35.9,41.67N,77.62E,h10km
KRNET 05:08:18:36.6:0.1,41.71N,77.60E,h18km,mb2.7
ISC 05:08:18:37.1:1.6,41.72N,77.56E,0.03,h16km,10km,
n31,r1912/62,16C-4D,Kyrgyzstan-Xinjiang border

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

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

Table with columns: Station, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like KIV Kislodovsk, KBZ Khabaz, ONI Oni, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like PLOR Plostina, TIRR Tirusor, HARR Harsova, etc.

Table with columns: Station, Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like GEC2 GERESS Array S, GERES GERESS Array B, etc.

CSEM 05 10:54:50.6; 0.2, 38:89N:21:15E, h10km, ML2.8, Error ellipse: s-maj=4.2km s-min=3.4km az=57.0...

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

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

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

NNC 05 11:18:17.9.2.2, 43:53N*76:89E, h5km, 11km, mb2.8, mp2.6, Error ellipse: s-maj=20.3km s-min=7.5km az=174.0

ATH 05 11:20:50.4, 39:27N-20:60E, h24km, 5km, ML2.2/3, Error ellipse: s-maj=5.2km s-min=1.1km az=1.0

ISK 05 11:22:25.5, 38.89N, 27.91E, h5km, MD2.6
ISCJB 05 11:22:26.4, 0.6, 38.85N, 0.04, 27.89E, 0.05, h7km, 12km,
Error ellipse: s-maj=7.3km s-min=4.9km az=140.9
CSEM 05 11:22:26.5, 0.3, 38.85N, 38.87E, h8km, MD2.6, Error
ellipse: s-maj=7.3km s-min=5.9km az=31.0
DDA 05 11:22:27.2, 38.83N, 27.91E, h7km, Md2.6
ISC 05 11:22:26.3, 1.2, 38.85N, 0.03, 27.91E, 0.03, h3km, 11km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AKS, AKK, MANT, DEMI, KULA, etc.

NIED 05 11:25:00.37, 30N, 142.00E, h11km, Mw4.0 Best double
couple: M1.27000, 1015 NP1.004, 177.00000, 863.00000,
lambda-175.00000, NP2.004, 85.00000, 885.00000,
lambda-27.00000.

IDC 05 11:25:53.7, 0.8, 37.30N, 141.92E, h0km, mb3.9/13,
mb1.4/0.18, mb1mx3.9/36, mbtmp3.9/18, ML3.5/5, MS3.3/6,
Ms1.3/3.6, ms1mx2.9/42, Error ellipse: s-maj=20.9km
s-min=15.4km az=112.0.

ISCJB 05 11:25:54.2, 1.0, 37.31N, 0.03, 142.00E, 0.05, h16km, 6km,
mb3.9/15, MS3.8/2, Error ellipse: s-maj=6.5km
s-min=4.4km az=17.5.

JMA 05 11:25:54.9, 0.2, 37.31N, 142.00E, h29km, 3km, M4.3
JMA Felt II J1

NEIC 05 11:25:57.1, 2.4, 37.36N, 141.88E, h22km, 17km, mb4.3/1,
Error ellipse: s-maj=12.2km s-min=7.3km az=118.0
NEIC Recorded [1 JMA] in Fukushima and Miyagi.

ISC 05 11:25:55.0, 1.9, 37.33N, 0.04, 141.92E, 0.06, h10km, 10km,
n47, r125.55, mb3.9/15, Near east coast of eastern
Honshu

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

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

Table with columns: PDAR, ASF, TXAR, LPAZ. Station names and coordinates.

CSEM 05 11:27:34.4, 1.1, 49.49N, 16.06E, h1km, ML1.8, Error
ellipse: s-maj=26.5km s-min=11.0km az=128.0, Suspected
Mining explosion.

VIE 05 11:27:33.5, 0.7, 49.49N, 15.92E, h0km, mb1.9/2, ML1.8/3,
Error ellipse: s-maj=5.2km s-min=3.4km az=154.0,
Suspected Mining explosion., Czech and Slovak
Republics

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

SOME 05 12:05:36.0, 44.68N, 81.88E, h5km
NMC 05 12:05:36.6, 1.5, 44.66N, 81.82E, h0km, mb3.0, mpv2.5,
Error ellipse: s-maj=24.9km s-min=4.4km az=117.0

ISCJB 05 12:05:38.5, 2.0, 44.5N, 0.1, 82.2E, 0.2, h33km, Error
ellipse: s-maj=22.3km s-min=6.5km az=37.6

ISC 05 12:05:41.0, 3.0, 44.5N, 0.2, 82.1E, 0.2, h35km, n5, r171/9,
1C-4D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DJR, MK31, MAK2, etc.

NIED 05 12:28:00.36, 40N, 140.10E, h71km, Mw4.1 Best double
couple: M1.41000, 1015 NP1.004, 211.00000, 821.00000,
lambda112.00000, NP2.004, 8.00000, 871.00000,
lambda112.00000.

ISCJB 05 12:28:01.1, 0.4, 36.32N, 0.03, 140.05E, 0.05, h83km, 3km,
mb3.9/19, Error ellipse: s-maj=6.9km s-min=5.5km

JMA 05 12:28:02.6, 0.1, 36.34N, 140.04E, h72km, 1km, M3.8
Broadband fault plane solution: P waves. NP1:
s=8.00000, 866.00000, 8.85.00000, NP2: s=201.00000,
824.00000, 102.00000, Principal axes: P 1166.00000,
Az=263.00000, N 1166.00000, Az=10.00000, P
1162.00000, Az=102.00000;

JMA Felt II J1
IDC 05 12:28:02.4, 0.6, 36.30N, 140.00E, h81km, 5km, mb3.7/19,
mb1.3/9.22, mb1mx3.7/44, mbtmp4.0/22, MS2.9/3,
Ms1.2/9.3, ms1mx2.5/38, Error ellipse: s-maj=9.6km
s-min=7.9km az=48.0

ISC 05 12:28:02.0, 0.6, 36.34N, 0.05, 140.05E, 0.05, h78km, 5km,
n42, r190/54, mb4.1/19, 3C-5D, Near east coast of
eastern Honshu

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

Table with columns: STKA, FINES, KBZ, AKASO, AKASG, NB2, NOA, BRTR, PDAR, GERES, TXAR, TXAR, LPAZ, LPAZ. Station names and coordinates.

ISCJB 05 12:57:56.9, 0.6, 33.87N, 0.03, 35.78E, 0.05, h11km, 6km,
Error ellipse: s-maj=6.8km s-min=4.4km az=18.0

CSEM 05 12:57:56.6, 0.2, 33.87N, 35.75E, h12km, ML2.8, Error
ellipse: s-maj=5.2km s-min=3.9km az=105.0

NSCC 05 12:57:56.7, 2.1, 33.87N, 35.75E, h12km, 7km, MDO.8,
ML1.5

ISC 05 12:57:56.7, 0.3, 33.87N, 35.82E, h6km, 10km, MD2.8
ISC 05 12:57:56.7, 0.9, 33.88N, 0.03, 35.77E, 0.04, h15km, 7km,
n19, r6161/36, Jordan-Syria region

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

ISC 05 12:58:01.1, 0.4, 36.32N, 0.03, 140.05E, 0.05, h83km, 3km,
mb3.9/19, Error ellipse: s-maj=6.9km s-min=5.5km

JMA 05 12:28:02.6, 0.1, 36.34N, 140.04E, h72km, 1km, M3.8
Broadband fault plane solution: P waves. NP1:
s=8.00000, 866.00000, 8.85.00000, NP2: s=201.00000,
824.00000, 102.00000, Principal axes: P 1166.00000,
Az=263.00000, N 1166.00000, Az=10.00000, P
1162.00000, Az=102.00000;

JMA Felt II J1
IDC 05 12:28:02.4, 0.6, 36.30N, 140.00E, h81km, 5km, mb3.7/19,
mb1.3/9.22, mb1mx3.7/44, mbtmp4.0/22, MS2.9/3,
Ms1.2/9.3, ms1mx2.5/38, Error ellipse: s-maj=9.6km
s-min=7.9km az=48.0

ISC 05 12:28:02.0, 0.6, 36.34N, 0.05, 140.05E, 0.05, h78km, 5km,
n42, r190/54, mb4.1/19, 3C-5D, Near east coast of
eastern Honshu

ISC 05 12:58:02.0, 0.6, 36.34N, 0.05, 140.05E, 0.05, h78km, 5km,
n42, r190/54, mb4.1/19, 3C-5D, Near east coast of
eastern Honshu

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

IDC 05 13:14:05.7, 8.7, 39.44S, 94.03W, h0km, mb3.8/4,
mb1.4/1.4, mb1mx3.8/33, mbtmp3.8/44, MS3.3/4, Ms1.3/4.4,
ms1mx3.1/19, Error ellipse: s-maj=20.0km
s-min=57.0km az=177.0, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RPN, PLCA, LPAZ, LPAZ, CPUZ, ATAH, TXAR, PDAR, etc.

MEX 05 13:15:07.9, 0.3, 14.94N, 92.32W, h109km, 5km, MD3.7,
Near coast of Chiapas

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

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

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

NIED 05 13:40:00, 37.10N, 143.80E, h5km, Mw4.0 Best double couple: M0:1.320000x1015 NP1:0.350000, 0.320000, 1.10700000. NP2:0.23400000, 0.59000000, 1.70000000.

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

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

JMA 05 13:45:12.2, 0.1, 38.46N, 142.27E, h26km, Mw3.6, Near east coast of eastern Honshu

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

NIED 05 14:00:00, 37.10N, 142.40E, h23km, Mw3.7 Best double couple: M0:3.360000x1014 NP1:0.18400000, 0.26000000, 1.82000000. NP2:0.11300000, 0.64000000, 1.94000000.

JMA 05 14:00:25.3, 0.3, 37.12N, 142.38E, h6km, Mw3.7, n28, r176/27, mb3.6/7, Off east coast of Honshu

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

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

ISCJB 05 14:37:53.2, 0.5, 23.98N, 122.44E, h3km, Mw3.0, Error ellipse: s-maj=3.1km s-min=2.3km az=166.0

JMA 05 14:37:53.6, 0.2, 23.96N, 122.41E, h13km, Mw3.2, TAP 05 14:37:54.5, 24.03N, 122.35E, h9km, ML3.7, C

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

5d 15h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like National Center, Chenhua, Alishan, Liyutan, etc.

WEL 05 14:40:06.0, 1.43363Sx172.57E, h11km, ML3.7/17, GC-4D, Error ellipse: s-maj=0.8km s-min=0.6km az=90.0, South Island

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

2011 AUG

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Fox Glacier, Blackbirch Sta, Wellington, etc.

GUC 05 15:06:14.7, 0.5, 21.05S, 66.93W, h277km, 45km, ML3.5, 3C-2D, Southern Bolivia

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

IDC 05 15:10:00.1, 0.4, 3.97N, 128.89W, h0km, mb4.1/19, mb1 3.8/21, mb1mx4.2/50, mbtmp4.1/23, ML3.9/4, MS3.8/21, MS1 3.8/21, ms1mx3.6/46, Error ellipse: s-maj=21.7km s-min=12.2km az=36.0

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

246

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Drain, OR, Corvallis, Kings Mountain, etc.

REDW	Red Top Meadow	13.06	87	ePn	Pn	15 13 10.2 +1.4
SNCC	San Nicolas Is	13.06	143	P	Pn	15 13 12.2 +3.6
FLWY	Flag Ranch	13.07	84	ePn	Pn	15 13 13.4 +4.5
MOOW	Moose Ponds	13.08	85	ePn	Pn	15 13 13.0 +4.0
H17A	Grant Village	13.12	82	P	Pn	15 13 12.0 +2.4
TUQ	Turquoise Moun	13.19	127	P	Pn	15 13 12.7 +2.3
LOHW	Long Hollow	13.20	86	ePn	Pn	15 13 13.5 +2.9
HEC	Hector Ludlow	13.39	130	P	Pn	15 13 15.2 +2.0
GCMT	Greyloch	13.71	76	ePn	Pn	15 13 21.1 +3.6
LCMT	Little Creek M	13.82	116	ePn	Pn	15 13 21.9 +2.8
EGMT	Eagleton	13.83	67	P	Pn	15 13 19.9 +0.8
EGMT	Eagleton	13.83	67	ePn	Pn	15 13 19.1 -0.1
MURC	Murrieta	13.87	135	P	Pn	15 13 21.1 +1.4
LDFC	Landfair	13.91	126	ePn	Pn	15 13 21.9 +1.6
RLMT	Red Lodge	14.00	79	P	Pn	15 13 22.4 +0.8
RLMT	Red Lodge	14.00	79	ePn	Pn	15 13 23.4 +1.7
BW06	Boulder Array	14.10	89	P	Pn	15 13 24.1 +1.1
BW06	Boulder Array	14.10	89	ePn	Pn	15 13 25.1 +2.1
PDAR	Pinedale Array	14.10	89	Pn	Pn	15 13 25.6 +2.6
PDAR	Pinedale Array	14.10	89	ePn	Pn	15 18 57.5
BELC	Belle Mtn. Jots	14.19	131	P	Pn	15 13 24.9 +0.7
PFO	Pinyon Flats O	14.24	133	Pn	Pn	15 13 23.9 -1.0
PFO	Pinyon Flats O	14.24	133	P	Pn	15 18 31.8
PFO	Pinyon Flats O	14.24	133	P	Pn	15 13 26.5 +1.7
PFO	Pinyon Flats O	14.24	133	eP	Pn	15 13 26.2 +1.3
PFO	Pinyon Flats O	14.24	133	ePn	Pn	15 13 26.1 +1.3
NPEO	Pinon Flats	14.25	133	P	Pn	15 13 25.5 +0.5
NPEO	Pinon Flats	14.25	133	P	Pn	15 13 27.6 +0.5
IRM	Iron Mountain	14.55	128	P	Pn	15 13 29.7 +0.7
W13A	Hualapai Mount	14.62	123	ePn	Pn	15 13 33.3 +3.1
BC3	Big Chukawall	14.79	131	P	Pn	15 13 32.4 +0.6
U15A	North Rim	14.79	116	ePn	Pn	15 13 35.4 +3.0
MONP2	Monument Peak	14.83	135	P	Pn	15 13 33.0 +0.1
PDMCI	Parker Dam,Lak	15.02	126	P	Pn	15 13 35.9 +0.6
SWSC	Sam W. Stewart	15.11	133	P	Pn	15 13 36.2 -0.3
IKP	In-Ko Pah, Jac	15.18	135	P	Pn	15 13 37.4 -0.1
Y12C	Blythe	15.20	128	P	Pn	15 13 37.7 0.0
Y12C	Blythe	15.20	128	ePn	Pn	15 13 39.0 +1.4
GLA	Glamis	15.55	131	P	Pn	15 13 43.2 +0.9
GLA	Glamis	15.55	131	eP	Pn	15 13 42.9 +0.6
GLA	Glamis	15.55	131	eP	Pn	15 13 42.9 +0.6
GLA	Glamis	15.55	131	eP	Pn	15 13 42.9 +0.6
O20A	White River C1	15.81	97	P	Pn	15 13 45.1 -0.7
O20A	White River C1	15.81	97	ePn	Pn	15 13 46.5 +0.7
PV09	Paradox Valley	15.84	104	ePn	Pn	15 13 45.5 -0.9
WUAZ	Wupatki	15.93	117	P	Pn	15 13 48.9 +1.6
WUAZ	Wupatki	15.93	117	ePn	Pn	15 13 48.8 +1.5
PV04	Paradox Valley	16.05	104	ePn	Pn	15 13 48.3 -0.6
LAO	LASA Array	16.11	73	P	Pn	15 13 50.9 +1.4
K22A	Casper	16.31	87	P	Pn	15 13 52.6 +0.4
PV01	Paradox Valley	16.41	104	ePn	Pn	15 13 54.7 +1.2
X16A	Lo Mia Camp, P	16.58	120	ePn	Pn	15 13 58.0 -0.2
MVCO	Mesa Verde	16.90	107	P	Pn	15 14 00.7 +0.9
MVCO	Mesa Verde	16.90	107	ePn	Pn	15 14 01.2 -0.6
N23A	Red Feather La	17.20	93	P	Pn	15 14 04.2 +0.7
N23A	Red Feather La	17.20	93	ePn	Pn	15 14 03.8 +0.3
W18A	Petrified Fore	17.23	115	P	Pn	15 14 05.7 +0.3
W18A	Petrified Fore	17.23	115	ePn	Pn	15 14 05.5 +0.1
PCA	Pinnacle	17.43	341	ePn	Pn	15 14 07.5 +0.3
X18A	Snowflake	17.45	117	ePn	Pn	15 14 10.8 +2.9
214A	Organ Pipe Nat	17.49	129	P	Pn	15 14 07.9 -0.2
214A	Organ Pipe Nat	17.49	129	ePn	Pn	15 14 04.1 -2.9
HYT	Haines Junctio	17.52	346	eP	Pn	15 14 10.0 +1.6
DGMT	Dagmar	17.57	67	P	Pn	15 14 08.7 -0.3
DGMT	Dagmar	17.57	67	ePn	Pn	15 14 09.0 +0.1
S22A	4UR Ranch, Cre	17.80	103	P	Pn	15 14 11.8 0.0
S22A	4UR Ranch, Cre	17.80	103	ePn	Pn	15 14 12.3 +0.0
ISCO	Idaho Springs	17.81	96	P	Pn	15 14 12.0 +0.1
ISCO	Idaho Springs	17.81	96	eP	Pn	15 14 12.4 +0.5
ISCO	Idaho Springs	17.81	96	ePn	Pn	15 14 12.4 +0.5
RSSD	Black Hills	17.82	81	P	Pn	15 14 11.1 -0.1
RSSD	Black Hills	17.82	81	eP	Pn	15 14 11.6 -0.3
RSSD	Black Hills	17.82	81	ePn	Pn	15 14 11.6 -0.3
H25A	Fruitdale	18.06	80	P	Pn	15 14 14.6 +0.2
TUC	Tucson	18.41	124	P	Pn	15 14 19.7 +1.3
TUC	Tucson	18.41	124	eP	Pn	15 14 20.0 +1.6
TUC	Tucson	18.41	124	ePn	Pn	15 14 19.9 +1.6
Q24A	Divide	18.46	98	P	Pn	15 14 19.4 +0.2
SDCO	Great Sand Dun	18.74	102	P	Pn	15 14 21.7 -0.4
SDCO	Great Sand Dun	18.74	102	eP	Pn	15 14 23.1 +0.6
LAZ	Ladron	19.37	113	eP	Pn	15 14 33.0 +2.9
ANMO	Albuquerque	19.51	110	eP	Pn	15 14 31.1 +0.6
ANMO	Albuquerque	19.51	110	eP	Pn	15 14 32.0 +0.2
ANMO	Albuquerque	19.51	110	eP	Pn	15 14 32.7 +0.9
Y22D	IRIS PASCAL I	19.71	113	P	Pn	15 14 33.9 -0.3
LPM	Los Pinos Moun	19.79	112	eP	Pn	15 14 35.3 +0.6
T25A	Trinidad	19.79	102	P	Pn	15 14 34.1 +0.6
T25A	Trinidad	19.79	102	eP	Pn	15 14 36.1 +1.0
BNM	Barren Site	19.86	112	eP	Pn	15 14 36.9 +0.9
319A	Douglas	19.98	123	eP	Pn	15 14 38.7 +1.4

OGNE	Ogallala	20.00	90	P	P	15 14 36.0 +0.4
121A	Cookes Peak, D	20.12	118	P	Pn	15 14 38.3 -0.7
121A	Cookes Peak, D	20.12	118	eP	Pn	15 14 37.5 +0.4
YKA	Yellowknife Ar	20.21	19	P	P	15 14 37.8 +0.2
KSCO	Kay Shedlock	20.25	95	P	Pn	15 14 41.0 +0.6
FFC	Flin Flon	20.34	49	eP	Pn	15 14 40.6 -0.6
FFC	Flin Flon	20.34	49	eP	Pn	15 14 40.6 -0.6
FFC	Flin Flon	20.34	49	eP	Pn	15 14 40.6 -0.6
F29A	Eureka	20.57	75	P	Pn	15 14 43.3 -0.8
MDND	Maddock	20.62	69	P	Pn	15 14 44.8 +0.2
MENT	Mentasta	20.73	341	eP	Pn	15 14 45.5 -0.2
DAWY	Dawson	20.87	347	eP	Pn	15 14 47.4 0.0
PMR	Palmer	21.20	333	eP	Pn	15 14 50.8 +2.5
PMR	Palmer	21.20	333	eP	Pn	15 14 50.8 +2.5
PMR	Palmer	21.20	333	eP	Pn	15 14 50.8 +2.5
PMR	Palmer	21.20	333	eP	Pn	15 14 50.8 +2.5
J30A	Dallas	21.20	82	P	Pn	15 14 49.8 +1.2
SUSD	Miller	21.37	79	P	Pn	15 14 51.0 +0.6
DOT	Dot Lake	21.42	341	eP	Pn	15 14 52.8 +2.1
F31A	Hecla	21.67	75	P	Pn	15 14 55.4 +1.8
H31A	Walsey	21.70	78	P	Pn	15 14 55.6 +1.6
H31A	Royce, Wessing	21.74	80	P	Pn	15 14 54.5 +0.1
J31A	Geddes	21.75	82	P	Pn	15 14 54.3 -0.2
DHY	Denali Highway	21.79	337	eP	Pn	15 14 57.8 +2.9
EGAK	Eagle	21.83	346	eP	Pn	15 14 57.4 +2.3
E31A	Nome	21.85	70	P	Pn	15 14 55.2 -0.4
C31A	Landman Farms,	21.88	69	P	Pn	15 14 55.9 +0.1
K31A	O'Neill	21.89	83	P	Pn	15 14 56.5 +0.5
B31A	Greenbush Farm	21.93	68	P	Pn	15 14 57.2 +0.9
D31A	McClintic, Tow	21.93	71	P	Pn	15 14 57.2 +0.9
SPU	Mount Spurr	21.94	329	eP	Pn	15 14 58.7 +2.4
L31A	Butterfield Fa	21.95	85	P	Pn	15 14 57.3 +0.7
M31A	Lambrecht Ranch	22.08	87	P	Pn	15 14 58.5 +0.5
MNTX	Cornudas Mount	22.21	116	P	Pn	15 14 59.9 +0.5
MNTX	Cornudas Mount	22.21	116	eP	Pn	15 15 01.3 +1.9
O31A	Woolen Ranch,	22.21	90	P	Pn	15 15 00.3 +0.9
G32A	Webster	22.27	76	P	Pn	15 15 00.9 +0.9
J32A	Parkston	22.37	81	P	Pn	15 15 02.0 +0.9
CBKS	Cedar Bluff	22.40	94	P	Pn	15 15 02.3 +0.8
D32A	Dogwood Acres,	22.40	71	P	Pn	15 15 02.6 +1.1
E32A	Braaten, Kindr	22.41	72	P	Pn	15 15 02.3 +0.8
H32A	Carlson Farm,	22.43	78	P	Pn	15 15 01.8 0.0
K32A	Verdigre	22.44	83	P	Pn	15 15 02.6 +0.7
I32A	Karley and Nic	22.50	79	P	Pn	15 15 02.5 0.0
MSTX	Muleshoe	22.57	108	P	Pn	15 15 04.3 +0.8
L32A	Elgin	22.59	85	P	Pn	15 15 03.5 0.0
B32A	Belgrade	22.65	86	P	Pn	15 15 03.7 -0.5
A32A	Ashes, Strandq	22.67	68	P	Pn	15 15 04.7 +0.4
C32A	Crookston	22.69	69	P	Pn	15 15 05.3 +0.9
MCK	McKinley	22.75	337	eP	Pn	15 15 05.7 +0.8
MCK	McKinley	22.75	337	eP	Pn	15 15 05.7 +0.8
HDA	Harding Lake	22.83	340	eP	Pn	15 15 06.2 +1.3
AMTX	Amarillo	22.83	104	P	Pn	15 15 05.9 -0.3
AMTX	Amarillo	22.83	104	eP	Pn	15 15 07.6 +1.4
H33A	Prehn Over Nor	22.89	77	P	Pn	15 15 06.4 -0.3
P32A	Hutting Farm,	22.92	91	P	Pn	15 15 07.3 +0.4
O32A	Brockman Farm,	22.93	89	P	Pn	15 15 08.2 +1.2
TRF	Thorfare Moun	22.93	335	eP	Pn	15 15 08.4 +1.4
I33A	Coleman	22.97	79	P	Pn	15 15 07.8 +0.4
J33A	Davis	23.00	81	P	Pn	15 15 07.0 -0.8
G33A	Ortonville	23.02	76	P	Pn	15 15 06.9 -1.0
F33A	5 Mile Ranch,	23.03	74	P	Pn	15 15 08.1 +0.1
IL1	Eielson Array	23.04	340	eP	Pn	15 15 07.7 -0.2
IL1	Eielson Array	23.04	340	eP	Pn	15 15 08.0 -0.8
ILAR	Eielson Array	23.04	340	eP	Pn	15 15 08.9 +1.0
ILAR	Eielson Array	23.04	340	eP	Pn	15 15 08.5 -0.3
ILAR	Eielson Array	23.04	340	eP	Pn	15 15 08.5 -0.3
ILB	Eielson Array	23.04	340	eP	Pn	15 15 08.4 +0.5
L33A	Hoskins	23.07	84	P	Pn	15 15 08.8 +0.3
WRH	Wood River Hill	23.09	339	eP	Pn	15 15 09.3 +0.8
AGMN	Agassiz Nation	23.12	68	P	Pn	15 15 08.3 -0.7
AGMN	Agassiz Nation	23.12	68	eP	Pn	15 15 09.2 +0.3
ULM	Lac du Bonnet	23.12	63	P	Pn	15 15 08.2 -0.9
ULM	Lac du Bonnet	23.12	63	eP	Pn	15 15 08.2 -0.9
ULM	Lac du Bonnet	23.12	63	eP	Pn	15 15 08.4 -0.6
ULM	Lac du Bonnet	23.12	63	eP	Pn	15 15 08.4 -0.6
ULM	Lac du Bonnet	23.12	63	eP	Pn	15 15 08.4 -0.6
PPLA	Purkeypile	23.14	333	eP	Pn	15 15 12.4 +3.3
E33A	Westby DABS, E	23.15	72	P	Pn	15 15 09.7 +0.4
CCB	Clear Creek Bu	23.16	339	eP	Pn	15 15 10.9 +1.7
ECSD	EROS Data Cent	23.16	80	P	Pn	15 15 08.8 -0.7
ECSD	EROS Data Cent	23.16	80	eP	Pn	15 15 10.2 +0.7
Q32A	Meitler Ranch,	23.18	92	P	Pn	15 15 10.1 +0.4
D33A	AnnSam, Waubun	23.20	71	P	Pn	15 15 10.3 +0.5
C33A	Trail	23.21	69	P	Pn	15 15 09.5 -0.3
M33A	Taylor Creek F	23.29	85	P	Pn	15 15 11.2 +0.4
R32A	Long Quarter,	23.29	94	P	Pn	15 15 11.8 +0.9

B33A	Robert and Kas	23.30	68	P</
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5d 15h

2011 AUG

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like W34A Bridge Creek, W34A Bridge Creek, Q36A Arnold C. Orve, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like L41A Preston, 832A Faith Ranch, R40A Madras Statio, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like HHC Hu-ho-hao-te, HHC comp=Z,14nm,0.8s, ARU Arti, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Res. Includes stations like RAO Raoul Island, RAO 53nm,0.3s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Res. Includes stations like KRSC 05 15:37:58.8-2.1,50:50N*157.02E, etc.

5d 16h

2011 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like Paso Flores, East Falkland, Asahikawa, Quanzhou, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSI, M02C, SHOC, FURC, GRAC, MSHR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHAI, NKL, NONG, TX31, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like XAN, BW06, PDAR, 433A, LKWW, ISCO, SEY, WRH, HHC, HHH, CD2, HIA, COLA, LPAZ, ILI, EGMT, EGAK, BILL, CBKS, CPUP, LZH, DGAR, BRAL, SAML, FFC, AGMN, HDIL, TLY, JFWS, SPB, GOGA, RER, EYMN, COWI, GTBY, ACSO.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ACSO, AAM, BLA, PTGA, CNCC, GRTK, WMQ, WMO, CBN, ABPO, SUR, SJG, BINY, GRGR, MK31, MKAR, ZALV, MAKZ, FDF, MSEC, PDGK, NVS, NVR, NRIK, ANWB, KSH, KURK, KURB, TKM2, BBSR, FRU, AAK, AAK, AAK, MNAS, KK31, KKAR, BVAR, BRVK, LSZ, TSMU, KBS, SUMG, DAG, SHEL, ARU, ARU, ARU, AB31.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AB31, ABKAR, SOKR, SOKR, GEYT, AKTO, AKTO, AKTO, KEV, ARCES, ASCN, KLMR, KLMR, BORG, DGRG, VRH, MOS, TBLG, GUDG, GNI, GNI, FINES, ZEI, NCK, OBN, OBN, OBN, OBN, OBN, OBN, ONI, ONI, AKH, AKH, AKH, VORR, VORR, KBZ, KBZ, KIV, KIV, KIV, VSR, VSR, NEY, CHVG, VSU, SOC, SOC, SOC, NB2, NB2, NOA, ANN, ANN, ANN, IDID, ISAL, ISAL, MCGM, MCGM, MCGM, MNG, MNG, MNG, IIGN, IIGN, NACGM, NACGM, KONO, KONO, KONO, SACV, SACV, ASF, SIM, SIM, SIM.

5d 16h

Table with columns for station name, frequency, power, and status. Includes stations like AKASG Malin Array B, KIEV Klev, MUIA Mount Meron Arr, etc.

2011 AUG

Table with columns for station name, frequency, power, and status. Includes stations like KRLC Kraikly, BRG Bergliesshobel, BRG Bergliesshobel, etc.

252

Table with columns for station name, frequency, power, and status. Includes stations like CUC Manteigas, MTE Manteigas, CEL Celeste, etc.

5d 18h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Frequency, Bandwidth, Modulation, Coding Rate, SNR, and other technical parameters.

2011 AUG

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Frequency, Bandwidth, Modulation, Coding Rate, SNR, and other technical parameters.

254

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Frequency, Bandwidth, Modulation, Coding Rate, SNR, and other technical parameters.

Table of station data for the left column, including call letters, frequencies, and power levels.

Table of station data for the middle column, including call letters, frequencies, and power levels.

Table of station data for the right column, including call letters, frequencies, and power levels.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MRZ, Ouz, SNZO, etc.

MEX 05 20:25:38.9-0.8, 17.08N-100.08W, h37km, 10km, MD3.7, Guerrero. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC.

NEIC 05 20:39:21.5, 16.19N-98.86W, h7km, MD4.1 (MEX), After MEX. MEX 05 20:39:21.5, 16.19N-98.86W, h7km, 56km, MD4.1, Near coast of Guerrero. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC.

ISCJB 05 20:44:0.8-0.8, 10.73N-070.62E, h53km, 9km, Error ellipse: s-maj=11.6km s-min=5.6km az=168.0. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC.

ISC 05 20:51:23.5-1.7, 4.88S-147.82E, h0km, mb3.8/3, mb1 4.0/5, mb1mx3.6/2.1, mbtmp3.8/5, ML3.8/1, Error ellipse: s-maj=62.4km s-min=24.7km az=116.0, Bismarck Sea. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC.

SJA 05 20:54:08.4-0.9, 30.74S-72.95W, h60km, ML3.8, MW3.7. GUC 05 20:54:15.4-0.4, 30.80S-72.13W, h34km, 3km, ML3.8. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC.

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

KRSC 05 20:55:55.2-3.1, 49.57N-156.86E, h8km, 42km, ML3.8, Kuril Islands. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC.

ISC 05 20:59:38.4, 38.45N-26.89E, h5km, MD2.4. ISCJB 05 20:59:39.2-0.6, 38.41N-070.03-26.87E, h12km, Error ellipse: s-maj=6.6km s-min=4.1km az=151.7. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC.

DDA 05 21:11:03.9, 35.40N-33.24E, h6km, ML2.9. ISCJB 05 21:11:04.6-1.1, 35.28N-070.06-32.65E, h54km, 10km, Error ellipse: s-maj=11.2km s-min=9.8km az=51.0. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC.

ISC 05 21:11:04.0-0.5, 35.28N-32.66E, h46km, 7km, ML3.0. Error ellipse: s-maj=10.3km s-min=8.9km az=138.0. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC.

KERG S Sn 21 12 13.4 +2.1. IDC 05 21:16:07.9-4.8, 29.59S-176.82W, h0km, mb3.4/2, mb1 3.6/2, mb1mx3.4/2, mbtmp3.4/2, Error ellipse: s-maj=267.7km s-min=72.1km az=165.0, Kermadec Islands region. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC.

IDC 05 21:28:13.9-1.3, 26.65N-141.55E, h0km, mb4.1/4, mb1 4.3/4, mb1mx3.6/40, mbtmp4.1/4, Error ellipse: s-maj=92.6km s-min=29.0km az=89.0. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC.

MEX 05 21:32:52.3-0.6, 27.67N-111.93W, h5km, MD3.9, Gulf of California. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC.

IDC 05 21:34:19.4-10.0, 4.66S-153.16E, h159km, 65km, mb3.3/4, mb1 3.5/5, mb1mx3.1/28, mbtmp3.9/5, Error ellipse: s-maj=89.6km s-min=66.7km az=29.0, New Ireland region. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC.

ISCJB 05 22:12:21.3-0.5, 39.72N-070.03-20.46E, h1km, 5km, Error ellipse: s-maj=4.3km s-min=4.1km az=172.8. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC.

ISC 05 22:12:21.9-0.9, 39.69N-070.02-20.47E, h10km, 7km, n62, c19/6/86, Greece-Albania border region. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC.

ISC 05 22:12:21.9-0.9, 39.69N-070.02-20.47E, h10km, 7km, n62, c19/6/86, Greece-Albania border region. Table with columns: Code, Station Name, Az, AzZ, 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 Valsamata, Ano Chora, Agios Georgios, Litokhoron, etc.

IDC 05 22:28:23.7:1.3, 4:44S, 122:98E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.6/28, mbtmp3.6/5, ML3.4/1, Error ellipse: s-maj=155.7km s-min=21.4km az=62.0

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

IDC 05 22:52:30.0:5.2, 29:63N, 142:04E, h0km, mb3.4/2, mb1 3.6/3, mb1mx3.3/30, mbtmp3.4/3, ML3.6/1, Error ellipse: s-maj=194.9km s-min=29.4km az=73.0

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

KRNET 05 23:06:51.5:0.1, 40:35N, 171:34E, h22km, mb3.0, SOME 05 23:06:51.1, 40:35N, 171:50E, h5km

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

IDC 05 23:06:51.8:1.6, 40:32N, 170:04E, h135E, h0km, mb3.5, n19, r154/34, 19C-2B, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARS, IUG, MNAS, AML, MRKS, etc.

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

ISCJB 05 23:07:05.5:0.5, 33:77N, 0:03:35.76E, 0:04, h4km, 5km, Error ellipse: s-maj=5.4km s-min=3.8km az=147.2

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

ISC 05 23:07:05.5:0.9, 33:76N, 0:02:35.76E, 0:03, h7km, 8km, n23, r0566/44, Jordan-Syria region

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

IDC 05 23:14:20.8:5.7, 18:34S, 177:86W, h632km, 70km, mb2.8/3, mb1 3.2/4, mb1mx2.8/3, mbtmp4.0/4, Error ellipse: s-maj=51.2km s-min=25.8km az=6.0, Fiji Islands region

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

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

ISK 05 23:30:36.7:39:13N, 29:05E, h4km, MD2.4, DDA 05 23:30:36.3:39:14N, 29:02E, h8km, MD2.6

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

MEX 05 23:44:15.3:0.7, 14:35N, 93:04W, h25km, MD3.8, Near coast of Chiapas

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

IDC 05 23:47:25.5:1.2, 29:91S, 176:62W, h0km, mb4.1/5, mb1 4.3/8, mb1mx4.0/32, mbtmp4.2/8, ML3.7/3, MS3.5/4, Ms1 3.5/4, ms1mx3.0/26, Error ellipse: s-maj=29.1km s-min=24.6km az=12.0

ISCJB 05 23:47:26.2:0.8, 30:00S, 0:08:176:5W, 0:1, h24km, mb4.4/10, MS3.4/3, Error ellipse: s-maj=13.5km s-min=10.6km az=149.8

NEIC 05 23:47:26.0:0.6, 29:94S, 176:49W, h10km, mb4.7/6, Error ellipse: s-maj=13.5km s-min=10.0km az=117.0

ISC 05 23:47:28.6:0.8, 29:95S, 0:1:176:59W, 0:09, h24km, n23, r085/26, mb4.4/10, MS3.4/3, Remadec Islands region

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

6d 1h

2011 AUG

Table of astronomical observations for 6d 1h, including columns for station name, object name, magnitude, position, and other parameters.

Table of astronomical observations for 2011 AUG, including columns for station name, object name, magnitude, position, and other parameters.

Table of astronomical observations for 262, including columns for station name, object name, magnitude, position, and other parameters.

Table with columns: TURN, Turunc, 0.93 97 i P, Pg, 01 47 22.8 -5.2, etc.

NIED 06:02:00.00, 37.20N, 141.10E, h20km, Mw3.5 Best double couple...

IDC 06:02:00.17, 1.16, 3.6, 94N, 141.46E, h0km, mb3.3/2, mb1 3.6/4...

ISCJB 06:02:00.19, 2.1, 3.7, 17N, 0.04, 141.25E, h21km, 7km, mb3.5/2...

JMA Felt II J1, ISC 06:02:00.20, 8.1, 3.3, 17N, 0.04, 141.09E, h29km, 7km, n19, c1512/22...

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

IDC 06:02:05.58, 6.1, 3.6, 01S, 72.95W, h0km, mb3.4/3, mb1 3.7/4...

ISCJB 06:02:06.00, 8.1, 1.1, 35.94S, 0.04, 73.40W, h28km, 8km, mb3.5/2...

GUC 06:02:06.02, 3.0, 3.35, 93S, 73.34W, h29km, 1km, ML3.9, ISC 06:02:06.03, 0.1, 8.36, 04S, 0.05, 73.3W, h31km, 12km, n27, c1567/33, 3D...

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

BUI 06:02:45.48, 7.3, 3.39S, 101.04E, h34km, mb5.4/83, mb5.4/63, Ms5.3/75...

MOS 06:02:45.54, 2.0, 2.9, 70S, 101.23E, h38km, mb5.9/81, MS4.8/55...

GCMT 06:02:45.55, 6.0, 1.3, 04S, 100.90E, h43km, Mw5.5/107, Moment Tensor Solution...

Mw0.73±0.02; Mw-0.61±0.03; Best double couple: M1.83200x1017, NP1.3x126.00000, 865.00000, 1.83.00000...

NEIC 06:02:45.55, 6.0, 1.3, 04S, 100.90E, h43km, Mw5.5/107, MS5.0/127, Mw5.3...

DJA 06:02:45.56, 3.0, 3.3, 3S, 101.1E, h65km, 6km, Ms5.5/19, mb5.5/19...

ISC 06:02:45.55, 5.0, 3.2, 91S, 0.03, 101.09E, h45km, 2km, h45km, pp-P, n1294, c1513/1383...

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

FRIM Kepong, SKJI Sukabumi, TPTI 251nm, 0.5s, 5.5um, 4.8mm...

IPM Ipo, IPM Iph, CNJI Cibinong, CISI Cibinong, CIGI Cisompot, Garu...

CISI Kulim, KULM Kulim, KULM Kulim, KULM Kuala Trengganu, XMSI Christmas Isla...

COCO West Island, COCO West Island, KSM Kuching, KSM Kuching...

UGM Wanagama, TRTT Trang, STKI Sintang, PCJI Pacitan, SURT Suratan...

SURA Srathair, CMBY CAMPBELL BAY, SBUM Sibau, SBUM Sibau...

BLM Bintulu, BBKI Banjar Baru, MTKI Muara Tehew, JAGI Jajag, Banyuwa...

JAGI Jajag, Banyuwa, JAGI Jajag, CAGI Cagayan, PATY Pattaya...

PHEP Kaeng Krachan, PBA Port Blair, TWSI Taliwang, SRAK Srakaw...

SRRT SRRT, KKM Kota Kinabalu, KKM Kota Kinabalu, PLAI Plampang...

DPGR DIGLIPUR, SDKM Sandakan, TSM Tawau, UBPT Ubung...

CHAI Chaiyaphum, KAPI Kappang, UMPA Umpang Tak, MYLDM Lahad Datu...

PKBT Sadao Pong, SKNT Sakonakorn, PHIT Phitsanulok...

UTTA Utaradit, NONG Nongkai, CM01 Chiang Mai Arr, CMAR Chiang Mai Arr...

LAMP Lampang, CMMT Chiang Mai, CHTO Chiang Mai, CHTO Chiang Mai...

CHTO Chiang Mai, LUWI Luwak, PALK Pallekele, PALK Pallekele...

QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong...

SOEI Soe, SOEI Sibulan, CTBH Cotabato-PC H, MBWA Marble Bar...

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

UTTA Utaradit, NONG Nongkai, CM01 Chiang Mai Arr, CMAR Chiang Mai Arr...

LAMP Lampang, CMMT Chiang Mai, CHTO Chiang Mai, CHTO Chiang Mai...

CHTO Chiang Mai, LUWI Luwak, PALK Pallekele, PALK Pallekele...

QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong...

SOEI Soe, SOEI Sibulan, CTBH Cotabato-PC H, MBWA Marble Bar...

RGY Tagaytay City, TGY Tagaytay City, MDRS Chennai, MDRS Chennai...

LQP Lukban, SKHT Srikalahasti, SKHT Srikalahasti, VIS Vishakhapatnam...

VIS Vishakhapatnam, VIS Vishakhapatnam, VIS Chhavanipeta, BHPR Bhuvaneshwar...

BWNR Bhuvaneshwar, PVM Polavaram, PVM Polavaram, KMI Kunming...

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60d 2h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like H08N1 Diego Garcia H, BOK Bokaro, FAKI Fak Fak, etc.

2011 AUG

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like AS31 Alice Springs, AS31 Alice Springs, AS01 Nanjing, etc.

264

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CTAO Charters Tower, KS15 Wouju Array Si, KS01 Wouju Array Be, etc.

EIDS	Eidsvold	52.96 120	eP	P	02 55 08.6	+0.8
ZAK	Zakamensk	53.12 2	eP	P	02 55 08.7	+0.1
ZAK	comp=Z,56nm,1.1s		pmax	pmax		
ZAK	comp=Z,18nm,1.1s		pmax	pmax		
KK31	Karatay Array	53.46 332c	eP	P	02 55 11.1	0.0
KK31	comp=Z,40nm,1.0s		pmax	pmax		
KKAR	Karatay Array	53.46 332	eP	P	02 55 11.2	+0.1
KKAR	comp=Z,19nm,0.6s		pmax	pmax		
VLA	Vladivostok	53.57 28	iP	P	02 55 11.1	-0.8
VLA	i-SP		pP	pP	02 55 21.3	-3.3
VLA	i		pP	pP	02 55 25.4	-4.4
VLA	i		pP	pP	02 56 17.9	
VLA	i		pP	pP	02 57 10.0	
MDJ	Mudanjiang	53.74 25	P	P	02 55 13.5	+0.4
MDJ	comp=Z,86nm,1.7s		pP	pP	02 55 21.8	-4.0
MDJ	comp=Z,24nm,0.7s		pP	pP	02 55 25.4	-5.6
MDJ	comp=Z,270nm,6.4s		pP	pP	02 57 12.5	-2.0
MDJ	comp=Z,940nm,23.7s		pmax	pmax		
MDJ	comp=Z,1um,24.3s		LR	LR		
MDJ	comp=Z,1um,26.3s		LR	LR		
MDJ	Mudanjiang	53.74 25	eP	P	02 55 13.2	+0.1
MDJ	comp=Z,14nm,0.5s		LR	LR		
MDJ	comp=Z,2um,22.0s		LR	LR		
MOY	Mondy	54.37 360	eP	P	02 55 18.3	+0.5
MOY	comp=Z,152nm,2.4s		pmax	pmax		
HIA	Hailar	54.43 15c	iP	P	02 55 18.0	-0.1
HIA	comp=Z,27nm,0.9s		pmax	pmax		
HIA	Hailar	54.43 15	eP	P	02 55 18.2	+0.1
HIA	comp=Z,1um,19.0s		LR	LR		
TLY	Talaya	54.43 2	eP	P	02 55 19.4	+1.3
TLY	comp=Z,144nm,0.9s		pmax	pmax		
TLY	comp=Z,2um,19.0s		MLR	MLR		
TLY	Talaya	54.43 2	eP	P	02 55 19.4	+1.3
TLY	comp=Z,144nm,0.9s		MLR	MLR		
TLY	comp=Z,2um,19.0s		LR	LR		
USRK	Ussuriysk Ar.	54.46 27	P	P	02 55 18.9	+0.6
USRK	comp=Z,89nm,0.7s,baz=222,slow=6.0,SNR=177		ScP	ScP	02 55 18.9	+0.6
USRK	comp=Z,2.4nm,1.0s,baz=288,slow=0.6,SNR=5.1		LR	LR	03 19 10.3	
USRK	comp=Z,871nm,21.8s,baz=217,slow=37		LR	LR		
CAN	Canberra	54.80 132	eP	P	02 55 23.1	+2.0
CAN	comp=Z,170nm,1.4s		pmax	pmax		
CAN	Canberra	54.80 132	eP	P	02 55 23.1	+2.0
CAN	comp=Z,170nm,1.4s		LR	LR		
CAN	comp=Z,756nm,21.0s		LR	LR		
ARMA	Armidale	54.99 125	eP	P	02 55 24.9	+2.2
ARMA	comp=Z,129nm,1.3s		pmax	pmax		
ABPO	Ambohimpanom	55.00 249	PFAKE	LR	02 55 40.0	+1.7
ABPO	comp=Z,742nm,21.0s		LR	LR		
IRK	Irkutsk	55.02 2	eP	P	02 55 21.8	-0.5
IRK	comp=Z,245nm,2.1s		e	e	02 57 27.3	
CIT	Chita	55.74 9	eP	P	02 55 27.9	+0.3
CIT	comp=Z,118nm,1.7s		e	e	02 55 39.5	
CIT	comp=Z,118nm,1.7s		e	e	02 55 46.7	
KURK	Kurchatov	56.78 343	eP	P	02 55 35.0	+0.1
KURK	comp=Z,1um,19.0s		eS	eS	03 03 22.7	-2.1
KURK	comp=Z,1um,19.0s		MLR	MLR		
KURK	Kurchatov	56.78 343	eP	P	02 55 35.0	+0.1
KURK	comp=Z,1um,19.0s		eS	eS	03 03 22.6	-2.1
KURK	comp=Z,1um,19.0s		LR	LR		
GEYT	Alibeck	56.84 320	P	P	02 55 36.3	+0.7
GEYT	comp=Z,34nm,0.9s,baz=147,slow=8.2,SNR=52		LR	LR	03 22 31.4	
TAU	Tasmania Univ	57.20 141	PFAKE	LR	02 55 50.0	+1.2
TAU	comp=Z,471nm,20.9s,baz=120,slow=39		LR	LR		
PATS	Pohnpei	57.94 80	eP	P	02 55 44.3	+0.5
PATS	comp=Z,1um,22.0s		ScS	ScS		
ZAAO	Zalesovo Array	58.26 349	eP	P	02 55 45.5	+0.3
ZALV	Zalesovo Beam	58.26 349	P	P	02 55 45.5	+0.2
ZALV	comp=Z,504nm,0.8s,baz=168,slow=5.4,SNR=1045		S	S	03 03 42.3	-1.8
ZALV	comp=Z,8.8nm,1.0s,baz=155,slow=1.1,SNR=5.1		ScS	ScS	03 05 26.8	-4.2
ZALV	comp=Z,1.3nm,0.6s,baz=224,slow=4.1,SNR=3.7		LR	LR	03 24 03.1	
ZALV	comp=Z,691nm,21.0s,baz=100,slow=39		LR	LR	03 25 39.1	
KLR	Kul'dur	58.33 23	P	P	02 55 46.2	+0.4
KLR	comp=Z,0.8nm,0.5s,baz=321,slow=2.1,SNR=5.3		e	e	02 55 46.1	+0.3
KLR	Kul'dur	58.33 23c	iP	P	02 55 48.9	0.0
ERM	Erimo	58.75 36	eP	P	02 55 48.9	0.0
ERM	comp=Z,18nm,1.0s		pmax	pmax		
ERM	Erimo	58.75 36	PFAKE	LR	02 56 00.0	+1.1
ERM	comp=Z,526nm,19.0s		LR	LR		
DAMY	Dhamar	58.78 289	eP	P	02 55 52.8	+2.8
DAMY	comp=Z,114nm,1.2s		P	P	02 55 48.8	-2.4
HABR	Khabarovsk	59.10 26d	eP	P	02 56 03.1	-6.1
HABR	comp=Z,114nm,1.2s		eSP	eSP	02 56 37.9	
HABR	comp=Z,114nm,1.2s		e	e	02 57 59.3	
HABR	comp=Z,114nm,1.2s		eS	eS	03 03 52.9	-2.2
HABR	comp=Z,114nm,1.2s		eSS	eSS	03 04 10.1	-6.4
HABR	comp=Z,114nm,1.2s		eSS	eSS	03 07 47.9	-2.0
HABR	comp=Z,48nm,1.2s		pmax	pmax		
HABR	comp=N,14nm,1.1s		pmax	pmax		
HABR	comp=E,26nm,1.2s		pmax	pmax		
HABR	comp=Z,1um,20.0s		MLR	MLR		
KRAR	Krasnoyarsk	59.11 355c	iP	P	02 55 51.7	+0.6
NVS	Novosibirsk	59.42 348	iP	P	02 55 53.0	0.0
NVS	comp=Z,150nm,1.0s		eS	eS	03 03 56.7	-2.3
NVS	comp=Z,150nm,1.0s		pmax	pmax		
NVS	comp=N,86nm,1.1s		pmax	pmax		
NVS	comp=E,65nm,1.1s		smax	smax		
ASAJ	Asahikawa	59.76 34	P	P	02 55 56.4	+0.6
ASAJ	comp=Z,34nm,0.7s,baz=245,slow=12		P	P	02 55 56.4	+0.6
BRVK	Borovoye	61.47 339	eP	P	02 56 06.7	-0.7
BRVK	comp=Z,223nm,0.9s		pmax	pmax		
BRVK	comp=Z,223nm,0.9s		MLR	MLR		
BRVK	comp=Z,260nm,20.0s		MLR	MLR		
BRVK	Borovoye	61.47 339	eP	P	02 56 06.7	-0.7
BRVK	comp=Z,223nm,0.9s		LR	LR		
BRVK	comp=Z,260nm,20.0s		LR	LR		
YSS	Yuzh-Sakhalins	61.69 31a	iP	P	02 56 09.5	+0.6
YSS	comp=Z,210nm,1.0s		e	e	02 56 21.6	
YSS	comp=Z,210nm,1.0s		eS	eS	02 56 43.7	

YSS	Yuzh-Sakhalins	61.69 31	eP	P	02 56 09.5	+0.6
YSS	comp=Z,210nm,1.0s		LR	LR		
YSS	comp=Z,210nm,1.0s		LR	LR		
CLNS	Chul'man	62.61 14	eP	P	02 56 15.0	0.0
CLNS	comp=Z,191nm,19.0s		pmax	pmax		
CLNS	comp=Z,64nm,0.9s		pmax	pmax		
CLNS	comp=N,30nm,0.8s		pmax	pmax		
CLNS	comp=E,28nm,0.9s		pmax	pmax		
CLNS	comp=E,1um,15.0s		MLR	MLR		
CLNS	comp=Z,3um,20.0s		MLR	MLR		
CLNS	comp=N,1um,14.0s		MLR	MLR		
AB31	Akbulak array	62.96 331c	eP	P	02 56 17.4	0.0
AB31	comp=Z,249nm,0.9s		pmax	pmax		
AB31	Akbulak array	62.96 331	eP	P	02 56 17.1	-0.2
AB31	comp=Z,202nm,0.8s		pmax	pmax		
KUR	Kuril'sk	63.41 35c	eS	P	02 56 20.8	+0.3
KUR	comp=N,43nm,1.6s		eS	eS	03 04 55.0	+5.0
KUR	comp=E,34nm,1.6s		pmax	pmax		
KUR	comp=Z,165nm,1.6s		pmax	pmax		
KUR	comp=Z,335nm,1.9s		MLR	MLR		
KUR	comp=N,138nm,20.0s		MLR	MLR		
KUR	comp=E,215nm,20.0s		MLR	MLR		
KUR	comp=Z,357nm,20.0s		MLR	MLR		
KMBO	Kilima Mbogo	63.81 270	P	P	02 56 24.4	+0.3
KMBO	comp=Z,0.8nm,0.2s,baz=36,slow=12,SNR=4.1		LR	LR	03 20 06.2	
KMBO	comp=Z,635nm,20.1s,baz=80,slow=2		LR	LR		
KMBO	Kilima Mbogo	63.81 270c	eP	P	02 56 27.3	+3.3
KMBO	comp=Z,1.0nm,0.3s		pmax	pmax		
KMBO	Kilima Mbogo	63.81 270	eP	P	02 56 24.3	+0.3
KMBO	comp=Z,66nm,1.5s		pmax	pmax		
TYV	Tymovskoe	64.25 28	eP	P	02 56 27.5	+1.7
TYV	comp=Z,200nm,1.6s		pmax	pmax		
TYV	comp=E,1um,16.0s		MLR	MLR		
NKL	Nikolayevsk	64.96 25	eP	P	02 56 30.0	-0.4
NKL	comp=N,20nm,1.0s		pmax	pmax		
NKL	comp=Z,69nm,1.0s		pmax	pmax		
NKL	comp=Z,500nm,6.0s		pmax	pmax		
NKL	comp=N,1um,18.0s		MLR	MLR		
NKL	comp=E,600nm,18.0s		MLR	MLR		
DZM	Mont Dzumac	66.10 113	P	P	02 56 39.3	+0.7
DZM	comp=Z,32nm,0.8s,baz=332,slow=2.5,SNR=11		eP	eP	02 56 38.0	-0.6
DZM	Mont Dzumac	66.10 113	eP	P	02 56 39.0	-0.6
DZM	comp=Z,147nm,1.4s		eLR	eLR	03 16 39.0	
DZM	Mont Dzumac	66.10 113	eP	P	02 56 37.9	-0.7
DZM	comp=Z,923nm,24.3s		eP	eP		
GNI	Garni	66.93 316c	eP	P	02 56 44.6	+1.0
GNI	comp=Z,134nm,1.3s		pmax	pmax		
GNI	Garni	66.93 316	eP	P	02 56 44.9	+1.3
GNI	comp=Z,124nm,0.8s		pmax	pmax		
GNI	comp=Z,113nm,1.4s		LR	LR		
GNI	comp=Z,255nm,19.0s		LR	LR		
DGRG	David-gareji	67.07 318	P	P	02 56 45.9	+1.6
DGRG	David-gareji	67.07 318	P	P	02 56 45.9	+1.6
GROC	Groznyy	67.58 319	eP	P	02 56 48.1	+0.7
GROC	comp=Z,165nm,0.9s		pmax	pmax		
TBLG	Delisi	67.62 318	P	P	02 56 48.7	+0.9
TBLG	Delisi	67.62 318	P	P	02 56 48.7	+0.9
SVE	Sverdlovsk	67.93 337	iP	P	02 56 49.8	+0.4
SVE	comp=Z,246nm,1.0s		eS	eS	03 05 41.6	-3.2
SVE	comp=Z,115nm,7.6s		pmax	pmax		
SVE	comp=Z,421nm,21.0s		MLR	MLR		
H11S3	WAKE ISLAND Hy	67.94 69	P	P	02 56 48.9	-1.0
H11S3	comp=Z,275,slow=74,SNR=3.4		P	P	02 56 48.8	-3.3
H11S1	WAKE ISLAND Hy	67.95 69	P	P	02 56 48.7	-1.4
H11S2	WAKE ISLAND Hy	67.95 69	P	P	02 56 52.5	+1.5
GUDG	Gudauri	68.11 318	P	P	02 56 53.5	+1.1
AKH	Akhalkalaki	68.32 317	iP	P	02 56 54.0	+1.6
AKH	Akhalkalaki	68.32 317	iP	P	02 56 53.5	+1.1
YAK	Yakutsk	68.35 14	P	P	02 56 51.2	-0.7
YAK	comp=Z,281nm,0.8s,baz=12,slow=0.7,SNR=55		eP	eP	02 57 05.1	+0.2
YAK	Yakutsk	68.35 14c	iP	P	02 57 19.4	
YAK	comp=Z,2um,19.0s		ePP	ePP	02 59 22.0	
YAK	comp=Z,2um,19.0s		eSS	eSS	03 01 01.4	
YAK	comp=Z,2um,19.0s		eSS	eSS	03 05 48.1	-1.4
YAK	comp=Z,2um,19.0s		eSS	eSS	03 06 13.7	+2.3
YAK	comp=Z,2um,19.0s		e	e	03 06 42.6	
YAK	comp=Z,355nm,0.9s		pmax	pmax		
YAK	comp=N,110nm,1.2s		pmax	pmax		
YAK	comp=E,85nm,1.4s		pmax	pmax		
YAK	comp=N,5.0nm,0.8s		pmax	pmax		
YAK	comp=E,12nm,1.0s		smax	smax		
YAK	comp=N,55nm,2.2s		smax	smax		
YAK	comp=E,36nm,2.5s		MLR	MLR		
YAK	comp=Z,2um,19.0s		MLR	MLR		
YAK	comp=E,1um,21.0s		MLR	MLR		
YAK	comp=N,1um,19.0s		MLR	MLR		
YAK	Yakutsk	68.35 14	eP	P	02 56 51.4	-0.5
YAK	comp=N,363nm,0.9s		LR	LR		

Table with columns for station name, frequency, power, and other technical details. Includes stations like Bornholm Skovb, TRI Trieste, MYKA Terra Mystica, GERES Geres Array B, KHC Kasperke Hory, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KONO Kongsberg, STU Stuttgart, MUD Monsted U'grnd, WLF Waifardange, MEM Membach, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YKA, FRB Froisher Bay, NLWA Neillon Lookou, B05A Bryant, etc.

6d 2h

MDND	Maddock	131.81	19	P	PKPdf	03 05 03.5	-0.4
MDND	Maddock	131.81	19	ePKPdf	PKPdf	03 05 03.7	-0.3
BW06	Boulder Array	131.83	30	P	PKPdf	03 05 04.0	-0.4
BW06	Boulder Array	131.83	30	ePKPdf	SKPbc	03 05 03.8	-0.6
BW06	Boulder Array	131.83	30	eSKPbc	LR	03 08 25.0	-1.7
PDAR	comp-Z,294nm,20.0s	131.83	30	PKHkp	PKPpre	03 04 58.7	
PDAR	comp-Z,0.5nm,0.6s,baz=219,slow=1.9,SNR=4.6	131.83	30	PKP	PKPdf	03 05 04.0	-0.4
PDAR	comp-Z,2.3nm,0.8s,baz=343,slow=1.5,SNR=15	131.83	30	PKP	PKPdf	03 07 24.9	+0.5
PDAR	comp-Z,2.3nm,1.0s,baz=291,slow=3.5,SNR=5.7	131.83	30	SKPbc	SKPbc	03 08 24.5	-2.3
PDAR	comp-Z,5.0nm,0.8s,baz=329,slow=1.7,SNR=15	131.83	30	SKP	SKP	03 08 34.5	
DUG	comp-Z,3.0nm,0.7s,baz=270,slow=0.1,SNR=4.3	131.87	35	P	PKPdf	03 05 04.3	-0.2
DUG	Dugway, Tooele	131.87	35	ePKIKP	MLR	03 05 04.8	+0.3
DUG	Dugway, Tooele	131.87	35	ePKPdf	SKPbc	03 05 04.8	+0.3
DUG	Dugway, Tooele	131.87	35	eSKPbc	LR	03 08 26.6	-0.2
B31A	comp-Z,313nm,21.0s	131.88	17	P	PKPdf	03 05 04.1	+0.1
A33A	Warroad	132.02	15	P	PKPdf	03 05 04.4	+0.1
B32A	Ashes, Strandq	132.22	16	P	PKPdf	03 05 04.7	0.0
BFSO	Mount Baldy Ra	132.34	45	P	PKPdf	03 05 05.3	-0.2
GSC	Goldstone, Bar	132.35	43	P	PKPdf	03 05 05.2	-0.3
SHOC	Shoshone, Teco	132.37	42	P	PKPdf	03 05 05.2	-0.2
C31A	Landman Farms,	132.43	17	P	PKPdf	03 05 04.4	-0.6
AGMN	Agassiz Nation	132.49	15	P	PKPdf	03 05 04.5	-0.7
AGMN	Agassiz Nation	132.49	15	ePKPdf	LR	03 05 04.4	-0.7
B33A	Robert and Kas	132.59	15	P	PKPdf	03 05 05.0	-0.4
B34A	Aery, Baudette	132.63	14	P	PKPdf	03 05 05.7	+0.3
TUQ	Turquoise Moun	132.87	42	P	PKPdf	03 05 06.4	-0.1
HEC	Hector,Ludlow	132.94	43	P	PKPdf	03 05 07.7	+1.1
B35A	Bob, Littlefor	132.96	13	P	PKPdf	03 05 06.2	+0.1
MURC	Murrieta	133.01	45	P	PKPdf	03 05 06.6	-0.1
C33A	Trail	133.01	16	P	PKPdf	03 05 06.2	0.0
D31A	McClaffin, Tow	133.10	18	P	PKPdf	03 05 06.6	+0.2
RSSD	Black Hills	133.33	25	P	PKPdf	03 05 07.3	+0.1
RSSD	Black Hills	133.33	25	ePKHKP	PKPpre	03 04 57.9	
RSSD	Black Hills	133.33	25	ePKPpre	PKPpre	03 05 07.3	
RSSD	Black Hills	133.33	25	ePKPdf	PKPpre	03 05 07.3	+0.1
C34A	RKJ Ranch, Bem	133.34	15	P	PKPdf	03 05 07.1	+0.3
K22A	Casper	133.39	28	P	PKPdf	03 05 07.1	-0.2
K22A	Casper	133.39	28	ePKPdf	SKPbc	03 05 07.1	-0.2
GMRC	Granite Mounta	133.42	43	P	PKPdf	03 05 08.8	+1.3
E31A	Nome	133.49	18	P	PKPdf	03 05 07.4	+0.3
PFO	Pinyon Flats O	133.52	45	PKP	PKPdf	03 05 08.3	+0.5
PFO	Pinyon Flats O	133.52	45	ePKPdf	SKPbc	03 08 32.2	-0.6
PFO	Pinyon Flats O	133.52	45	eSKPbc	LR	03 05 07.4	-0.3
PFO	Pinyon Flats O	133.52	45	ePKPdf	SKPbc	03 05 07.6	-0.1
PFO	Pinyon Flats O	133.52	45	eSKPbc	LR	03 08 32.6	-0.2
C35A	Jirik Farms, M	133.52	14	P	PKPdf	03 05 05.3	-1.8
TPFO	Pinon Flats	133.53	45	P	PKPdf	03 05 08.4	+0.6
D33A	AnnSam, Waubun	133.56	16	P	PKPdf	03 05 07.4	+0.1
BELC	Belle Mtn. Jos	133.63	44	P	PKPdf	03 05 07.9	0.0
C36A	Pine Crest Far	133.73	13	P	PKPdf	03 05 07.9	+0.3
D34A	Park Rapids	133.78	15	P	PKPdf	03 05 07.9	+0.2
EYMN	Ely	133.84	12	P	PKPdf	03 05 08.2	+0.4
EYMN	Ely	133.84	12	ePKPdf	PKPdf	03 05 07.2	-0.5
EYMN	Ely	133.84	12	ePKPdf	PKPdf	03 07 31.0	-5.5
EYMN	Ely	133.84	12	eSKPbc	LR	03 08 31.6	-1.6
C37A	comp-Z,377nm,21.0s	133.91	12	P	PKPdf	03 05 07.8	-0.1
MONP2	Monument Peak	133.93	45	P	PKPdf	03 05 09.6	+1.0
F31A	Hecla	134.00	19	P	PKPdf	03 05 08.3	+0.2
D35A	Remer	134.08	14	P	PKPdf	03 05 07.6	-0.6
E33A	Westby DABS, E	134.10	16	P	PKPdf	03 05 08.6	+0.3
C38A	Sawbill Land.	134.11	12	P	PKPdf	03 05 08.2	-0.1
IRM	Iron Mountain	134.13	43	P	PKPdf	03 05 08.9	+0.1
BC3	Big Chuckawall	134.20	44	P	PKPdf	03 05 08.8	-0.2
C39A	Grand Marais	134.23	11	P	PKPdf	03 05 08.4	-0.1
IKP	In-Ko-Pah, Jac	134.29	45	P	PKPdf	03 05 09.0	-0.1
E34A	Wadena	134.32	16	P	PKPdf	03 05 08.7	0.0
SWSC	Sam W. Stewart	134.35	45	P	PKPdf	03 05 09.3	+0.2
D37A	Cotton	134.39	13	P	PKPdf	03 05 08.6	-0.2
O20A	White River Ci	134.42	32	P	PKPdf	03 05 09.4	+0.1
O20A	White River Ci	134.42	32	ePKPdf	SKPbc	03 05 09.7	+0.3
O20A	White River Ci	134.42	32	eSKPbc	LR	03 08 35.3	-0.4
E35A	Pequot Lakes	134.48	15	P	PKPdf	03 05 08.5	-0.5
F33A	5 Mile Ranch,	134.62	17	P	PKPdf	03 05 09.2	-0.1
PDMC1	Parker Dam,Lak	134.72	42	P	PKPdf	03 05 09.8	0.0
G32A	Webster	134.78	18	P	PKPdf	03 05 10.1	+0.5
Y12C	Blythe	134.78	43	P	PKPdf	03 05 10.3	+0.4
E36A	McGregor	134.80	14	P	PKPdf	03 05 09.7	+0.1
LMQ	La Malbaie	134.92	352	ePKPdf	SKPbc	03 05 09.0	-0.8
LMO	Pilot Hill	134.94	28	ePKPdf	SKPbc	03 08 35.9	-0.8
PHWY	PHWY	134.94	28	ePKPdf	SKPbc	03 05 10.1	-0.3
GLA	Glamis	134.97	44	P	PKPdf	03 05 10.4	+0.1
SUSD	Miller	135.01	20	P	PKPdf	03 05 10.5	+0.4
N23A	Red Feather La	135.02	29	P	PKPdf	03 05 10.3	-0.2
F35A	Swanville	135.08	15	P	PKPdf	03 05 10.2	+0.1
G33A	Ortonville	135.16	18	P	PKPdf	03 05 09.6	-0.7
PV04	Paradox Valley	135.31	34	ePKPdf	SKPbc	03 05 11.6	+0.5
PV04	Paradox Valley	135.31	34	eSKPbc	LR	03 08 38.3	-0.2
F36A	Milaca	135.35	15	P	PKPdf	03 05 10.4	-0.2

2011 AUG

G33A	Benson	135.35	17	P	PKPdf	03 05 11.1	+0.5
H34A	Prehn Over Nor	135.58	18	P	PKPdf	03 05 11.3	+0.3
PV01	Paradox Valley	135.68	34	ePKPdf	PKPdf	03 05 10.5	-1.3
G35A	Watkins	135.70	16	P	PKPdf	03 05 11.9	+0.6
WUAZ	Wupatki	135.78	39	P	PKPdf	03 05 12.3	+0.3
WUAZ	Wupatki	135.78	39	ePKPdf	PKPdf	03 05 12.3	+0.3
WUAZ	Wupatki	135.78	39	eSKPbc	LR	03 08 40.5	+0.4
WUAZ	Wupatki	135.78	39	eSKPbc	LR	03 08 40.5	+0.4
SMCO	Snowmass	135.79	32	ePKPdf	PKPdf	03 05 11.9	-0.2
SMCO	Snowmass	135.79	32	eSKPbc	LR	03 08 39.9	-0.4
J30A	Dallas	135.79	22	P	PKPdf	03 05 12.2	+0.6
H34A	Spellman Lake,	135.84	17	P	PKPdf	03 05 12.2	+0.6
PLCA	Paso Flores	135.90	189	PKP	PKPdf	03 05 12.8	+0.9
PLCA	Paso Flores	135.90	189	ePKPdf	SKPbc	03 08 39.6	-0.6
ISCO	comp-Z,3.3nm,1.0s,baz=240,slow=8.1,SNR=3.6	136.02	30	P	PKPdf	03 05 12.5	+0.1
ISCO	comp-Z,3.3nm,1.0s,baz=240,slow=7.7,SNR=3.2	136.02	30	P	PKPdf	03 05 12.5	+0.1
ISCO	comp-Z,3.3nm,1.0s,baz=240,slow=7.7,SNR=3.2	136.02	30	ePKIKP	MLR	03 07 50.8	
ISCO	comp-Z,3.3nm,1.0s,baz=240,slow=7.7,SNR=3.2	136.02	30	ePKIKP	MLR	03 07 50.8	
ISCO	comp-Z,409nm,21.0s	136.02	30	ePKPdf	PKPdf	03 05 12.7	+0.2
ISCO	comp-Z,409nm,21.0s	136.02	30	ePKPdf	PKPdf	03 07 50.8	-0.4
ISCO	comp-Z,409nm,21.0s	136.02	30	eSKPbc	LR	03 08 39.6	-1.2
COWI	Conover	136.06	10	ePKPdf	LR	03 05 10.4	-1.6
COWI	Conover	136.06	10	ePKPdf	LR	03 05 10.4	-1.6
H35A	Sunnyside Ranc	136.08	16	P	PKPdf	03 05 12.2	+0.2
I33A	Coleman	136.08	19	P	PKPdf	03 05 12.5	+0.4
J31A	comp-Z,334nm,21.0s	136.09	21	P	PKPdf	03 05 12.8	+0.7
SPMN	Marine on St.	136.13	14	P	PKPdf	03 05 12.6	+0.5
SPMN	Marine on St.	136.13	14	ePKPdf	SKPbc	03 05 12.1	0.0
SPMN	Marine on St.	136.13	14	eSKPbc	LR	03 08 39.3	-1.3
RCBR	Riachuelo	136.18	259	PFAKE	LR	03 05 30.0	+1.7
TRQA	comp-Z,453nm,20.0s	136.32	19	PFAKE	LR	03 05 20.0	+7.3
TRQA	Torqu coast	136.32	19	PFAKE	LR	03 05 20.0	+7.3
J32A	Parkston	136.34	20	P	PKPdf	03 05 13.3	+0.7
MVCO	Mesa Verde	136.37	35	P	PKPdf	03 05 13.4	+0.3
MVCO	Mesa Verde	136.37	35	ePKPdf	SKPbc	03 05 12.8	-0.3
MVCO	Mesa Verde	136.37	35	eSKPbc	LR	03 08 41.7	-0.2
I34A	Hadley	136.38	18	P	PKPdf	03 05 13.1	+0.5
ECSD	EROS Data Cent	136.42	19	P	PKPdf	03 05 12.9	+0.2
ECSD	EROS Data Cent	136.42	19	ePKPdf	PKPdf	03 05 12.2	-0.5
ECSD	EROS Data Cent	136.42	19	ePKPdf	PKPdf	03 07 50.0	-3.0
ECSD	EROS Data Cent	136.42	19	eSKPbc	LR	03 08 40.4	-1.2
ECSD	EROS Data Cent	136.42	19	eSKPbc	LR	03 08 40.4	-1.2
H36A	Lessee Land, He	136.44	16	P	PKPdf	03 05 13.3	+0.6
K31A	O'Neill	136.67	21	P	PKPdf	03 05 13.9	+0.7
J33A	Davis	136.68	19	P	PKPdf	03 05 12.8	-0.3
H37A	Dierke Farm, C	136.70	15	P	PKPdf	03 05 13.7	+0.5
OGNE	Ogallala	136.78	26	PFAKE	LR	03 05 30.0	+1.6
OGNE	Ogallala	136.78	26	PFAKE	LR	03 05 30.0	+1.6
S22A	4UR Ranch, Cre	136.91	33	P	PKPdf	03 05 14.3	+0.1
K32A	Verdige	136.92	21	P	PKPdf	03 05 14.2	+0.5
I36A	Fitzsimmons Fa	136.94	16	P	PKPdf	03 05 13.5	-0.1
PKME	Peaks-Kenny Pk	136.98	350	PFAKE	LR	03 05 30.0	+1.6
PKME	Peaks-Kenny Pk	136.98	350	PFAKE	LR	03 05 30.0	+1.6

Table with columns: ID, Name, Address, City, State, Zip, Phone, Email, Website, etc. Includes entries like S36A Lake Cedric, C 142.13 22 P PKPpre 03 05 18.4, Q40A Laux Farm, Aux 142.13 17 P PKPpre 03 05 18.2, etc.

Table with columns: ID, Name, Address, City, State, Zip, Phone, Email, Website, etc. Includes entries like Y35A Marietta 144.83 27 P PKPab 03 05 26.4 -0.8, U42A Revenden 144.83 17 P PKPab 03 05 26.0 -1.0, etc.

Table with columns: ID, Name, Address, City, State, Zip, Phone, Email, Website, etc. Includes entries like LCO Las Campanas 147.30 193 ePKPbpc PKPbpc 03 05 36.0 +0.8, Y44A Strider, Charl 147.38 23 P PKPbpc 03 05 32.7 +0.3, etc.

2011 AUG

Table with columns: 365d, 346A, 542A, 035Z, 447A, 447A, BRAL, BRAL, HJIA, 546A, TIGA, TIGA, LVC, LVC, LVC, LVC, SIV, SIV, DWPF, DWPF, ANWB, ANWB, LPAZ, LPAZ, FDF, FDF, GRTK, GRTK, SJG, SJG, SAML, SAML, PTGA, PTGA, SDDR, SDDR, GTBY, GTBY, MTDJ, MTDJ, NNA, NNA, NNA, NNA, SDV, SDV, SDV, SDV, SDV, SDV, ATAH, ATAH, ROSC, ROSC, OTAV, OTAV, WEL 06 02:51:45.0, 39.545S-174.44E, h217km, 3km, ML3.6/16, 3C-1D, Error ellipse: s-maj=4.0km s-min=2.4km az=90.0, North Island

Table with columns: PAE, PPT, PPT2, PPT2, TIAR, TIAR, TVO, TVO, TBI, TBI, TBI, TBI, H1K2, H1K2, H1S3, H1S3, H1S1, H1S1, H1N3, H1N3, H1N1, H1N1, WRA, WRA, ASAR, ASAR, GERES, GERES, BRTR, BRTR, NIED 06 02:54:00, 37.10N, 140.90E, h8km, Mw3.8 Best double couple: M6.40000*1014 N1.1%64.00000, 819.00000, 1.79.00000, NP2%232.00000, 871.00000, 84.00000, ISCJB 06 03:40:31.6, 1.5, 35.875S, 0.04, 73.45W, 0.08, h15km, 11km, mb4.0/8, MS3.3/1, Error ellipse: s-maj=11.7km s-min=6.1km az=16.5, IDC 06 03:40:31.4, 1.3, 35.90S, 73.45W, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.8/26, mbtmp3.8/7, ML3.8/1, MS3.5/1, MS1 3.5/1, mb1mx3.0/23, Error ellipse: s-maj=50.6km s-min=17.0km az=75.0, NEIC 06 03:40:31.3, 0.35, 87S, 73.42W, h15km, mb4.2/3, ML4.2(GUC), After GUC, GUC 06 03:40:32.0, 0.4, 35.875S, 73.42W, h15km, 6km, ML4.2, ISC 06 03:40:32.2, 1.7, 35.91S, 0.04, 73.35W, 0.07, h6km, 11km, n35, e162/42, mb4.0/8, 2D, Off coast Central Chile

Table with columns: KRSC 06 03:30:40.8, 2.5, 48.83N, 156.69E, h6km, 31km, ML4.1, East of Kuril Islands, Code, Station Name, Az, Az, Phase ID, Time, Res, SKR Severo-Kuril's, 1.89 349, Op, ISC, h m s ISC, 03 31 13.2, -0.3, SKR SKR, i/s, S, P, 03 31 36.5, -1.1, SKR comp=Z, 42nm, 0.6s, smax, smax, SKR comp=E, 177nm, 0.2s, smax, smax, SKR Severo-Kuril's, 1.89 349, eP, Pn, 03 31 13.3, -0.2, SKR AS, S, 03 31 38.8, -0.7, ASAK Asacha, 3.64 12, eP, Pn, 03 31 41.2, +3.5, RUSKAYA Ruskaya, 3.64 12, eP, Pn, 03 31 41.2, +3.5, RUS Ruskaya, 3.79 17, FN, Pn, 03 31 42.3, +2.7, UGLR Ugllovaya, 4.59 16, eP, Pn, 03 31 54.3, +3.6, UGLR Ugllovaya, 4.59 16, eP, Pn, 03 31 54.3, +3.6, AVH Avacha, 4.62 15, eP, Pn, 03 31 56.8, -5.5, SDR Sedlovina, 4.66 16, eP, Pn, 03 31 56.0, +4.2, SDR Sedlovina, 4.66 16, eP, Pn, 03 31 56.0, +4.2, KRX Arik, 4.70 15, eP, Pn, 03 31 56.9, +4.6, KRX Arik, 4.70 15, eP, Pn, 03 31 56.9, +4.6, SPN Mys Shipunski, 4.76 25, FN, Pn, 03 31 57.6, +4.6, SPN Mys Shipunski, 4.76 25, FN, Pn, 03 31 57.6, +4.6, GNL Ganaly, 4.94 9, FN, Pn, 03 31 59.9, +4.4, GNL Ganaly, 4.94 9, FN, Pn, 03 31 59.9, +4.4, ISCJB 06 03:40:31.6, 1.5, 35.875S, 0.04, 73.45W, 0.08, h15km, 11km, mb4.0/8, MS3.3/1, Error ellipse: s-maj=11.7km s-min=6.1km az=16.5, IDC 06 03:40:31.4, 1.3, 35.90S, 73.45W, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.8/26, mbtmp3.8/7, ML3.8/1, MS3.5/1, MS1 3.5/1, mb1mx3.0/23, Error ellipse: s-maj=50.6km s-min=17.0km az=75.0, NEIC 06 03:40:31.3, 0.35, 87S, 73.42W, h15km, mb4.2/3, ML4.2(GUC), After GUC, GUC 06 03:40:32.0, 0.4, 35.875S, 73.42W, h15km, 6km, ML4.2, ISC 06 03:40:32.2, 1.7, 35.91S, 0.04, 73.35W, 0.07, h6km, 11km, n35, e162/42, mb4.0/8, 2D, Off coast Central Chile, Code, Station Name, Az, Az, Phase ID, Time, Res, COCH COBquecura, 0.51 116, eP, ISC, h m s ISC, 03 40 53.8, +0.2, COCH COB, Op, Pn, 03 40 51.1, +0.1, COCH COCH, IAML, IAML, 03 40 52.0, CCSP comp=N, 27um, 0.4s, San Pedro de C, 0.95 168, eP, Pn, 03 40 50.3, -0.1, CCSP CCSP, eP, S, 03 41 06.7, CCHI Chilian, 1.24 124, eP, Pn, 03 40 55.3, -0.7, CCHI CCHI, IAML, IAML, 03 41 12.0, -0.1, comp=N, 6um, 0.7s, GO05 Hualae0, 1.47 53, eP, Pn, 03 40 58.0, -1.2, GO05 GO05, eP, S, 03 41 16.7, -2.0, NCHI Pichilemu, 1.87 36, eP, Pn, 03 41 04.1, -0.6, NCHI Los Nihues, 1.95 63, eP, Pn, 03 41 05.8, +0.2, ROCI El Roble, 3.50 34, eP, S, 03 41 27.8, +0.4, ROCI ROCI, eP, S, 03 41 27.4, +2.7, AAGR Agrelo, 4.68 54, eP, Pn, 03 41 45.9, +2.5, AUSR Uspallata, 4.93 43, eP, S, 03 41 48.8, +1.7, ASAL Salagasta, 4.99 50, eP, S, 03 41 49.8, +2.1, ASAL PLCA, 5.29 156, Pn, 03 41 53.8, +2.0, PLCA comp=N, 0.7nm, 0.3s, bazz=350, slow=11, SNR=7.9, Leonicito, 5.31 41, eP, Pn, 03 41 53.7, +1.5, RTLV Cerro Valdivia, 5.68 46, eP, Pn, 03 41 58.0, +0.8, RTLV ACAN, 6.12 36, eP, Pn, 03 42 03.7, +0.6, ACCO Cantantel, 6.26 56, eP, Pn, 03 42 06.3, +1.2, ACCO Cerro Coronel, 6.41 35, eP, Pn, 03 42 07.8, +0.5, comp=Z, 50nm, 0.6s, AMOC GUANA, 6.41 41, eP, Pn, 03 42 07.4, +0.3, AROD Rodeo, 6.59 31, eP, Pn, 03 42 10.8, +1.0, ADCV Ciudad del Vie, 6.73 33, eP, Pn, 03 42 12.8, +1.1, AVFE Valle Fertil, 7.19 45, eP, Pn, 03 42 17.6, -0.3, AVFE comp=Z, 25nm, 0.6s, AGUA GUANDACOL, 7.60 34, eP, Pn, 03 42 24.3, +0.8, VCA Vinchina, 8.37 33, eP, Pn, 03 42 33.6, -0.5, TCA Tanti, 8.61 60, eP, Pn, 03 42 37.0, -0.4, TCA TRQA Torquist, 9.35 107, eP, Pn, 03 42 50.9, +3.6, LPAZ La Paz, 20.09 15, P, Pn, 03 45 08.9, +0.1, SIV comp=Z, 1.8nm, 1.0s, bazz=199, slow=5.0, SNR=6.1, San Ignacio, 22.66 32, P, Pn, 03 45 33.9, -0.3, NNA comp=Z, 1.7nm, 0.9s, bazz=236, slow=11, SNR=4.2, Nana, 24.03 352, LR, 03 53 21.2, SAML Samuel, 23.39 22, eP, Pn, 03 46 26.4, -0.9, SDV comp=Z, 1.2nm, 0.8s, Santo Domingo, 44.63 4, P, Pn, 03 48 46.3, +0.7, SNAIA Sanae, 50.24 157, P, Pn, 03 49 29.4, +0.8, SNAIA comp=Z, 1.3nm, 0.7s, bazz=286, slow=5.3, SNR=4.5, Sanae, 50.24 157, eP, Pn, 03 49 28.2, -0.4, TXAR Lajitas Array, 70.89 332, P, Pn, 03 51 49.6, -0.4, WMOK Wichita Mountain, 74.18 338, eP, Pn, 03 52 08.2, -1.3, BOSA comp=Z, 1.3nm, 0.8s, BOSA, 80.13 118, P, Pn, 03 52 43.4, -0.1, ELK comp=Z, 2.8nm, 1.8s, bazz=214, slow=3.6, SNR=2.3, Elko, 85.44 239, eP, Pn, 03 53 10.6, 0.0, comp=Z, 2.4nm, 0.6s, ISK 06 03:43:25.0, 39.15N, 29.00E, h21km, MD2.3, CSEM 06 03:43:26.8, 0.2, 39.11N, 29.06E, h8km, MD2.3, Error ellipse: s-maj=6.3km s-min=2.9km az=145.0, DDA 06 03:43:26.5, 39.07N, 29.09E, h7km, M12.6, ISC 06 03:43:25.6, 1.0, 39.05N, 0.04, 29.05E, 0.03, h17km, 7km, n16, e171/28, Turkey, Code, Station Name, Az, Az, Phase ID, Time, Res, SIMA Simav-Kutahya, 0.06 301, Op, ISC, h m s ISC, 03 43 29.3, +0.4, SIMA Simav-Kutahya, 0.06 301, Op, Pn, 03 43 29.3, +0.4, DEMI Demirci, 0.26 269, i/s, S, 03 43 32.9, +0.9, DEMI DEMI, i/s, S, 03 43 37.2, +0.9, DEMI Demirci, 0.26 269, P, S, 03 43 32.9, +0.9, DEMI DEMI, eP, S, 03 43 37.2, +0.9, GEDZ Gediz, 0.28 81, eP, Pn, 03 43 33.1, +1.3, GEDZ Gediz, 0.34 83, i/s, S, 03 43 33.2, -0.1, GEDZ Gediz, 0.34 83, P, S, 03 43 33.2, -0.1, TVSB Tavsanli, 0.51 38, eP, Pn, 03 43 37.8, -0.7, TVSB Tavsanli, 0.51 38, eP, S, 03 43 41.9, -1.6, TVSB Tavsanli, 0.51 38, eP, S, 03 43 35.4, -0.9, TVSB Tavsanli, 0.51 38, eP, S, 03 43 41.9, -1.6, KULA Kula-Manisa, 0.62 210, eP, Pn, 03 43 39.6, +1.5, KULA Kula-Manisa, 0.62 210, eP, S, 03 43 48.4, +1.9, MANT Manisa, 0.68 215, i/s, Pn, 03 43 48.4, +1.9, MANT Manisa, 0.68 215, i/s, Pn, 03 43 48.4, +1.9, BORA Eskisehir, 1.36 52, i/s, Pn, 03 43 51.3, +0.5, BORA BORA, i/s, S, 03 44 10.3, +2.4, BORA Eskisehir, 1.36 52, S, Pn, 03 43 51.3, +0.5, BORA BORA, S, S, 03 44 10.3, +2.4, IDC 06 03:44:48.0, 1.3, 30.21S, 179.39W, h316km, 15km, mb2.5/2, mb1 2.9/3, mb1mx2.8/23, mbtmp3.5/3, Error ellipse: s-maj=46.0km s-min=23.5km az=145.0,

IDC 06 02:53:45.3, 5.7, 15.61S-172.80W, h0km, mb4.1/2, mb1 4.4/2, mb1mx3.7/47, mbtmp4.1/2, MS3.4/2, Ms1 3.4/2, ms1mx3.1/24, Error ellipse: s-maj=250.3km s-min=25.7km az=137.0, Samoa Islands region

DJA 06 03:15:03.6, 1.5, 0.8S, 13.2E, h60km, 21km, M4.2/3, ML4.2/3, IDC 06 03:15:09.1, 3.0, 1.18S, 130.87E, h0km, mb3.5/2, mb1 3.7/3, mb1mx3.4/23, mbtmp3.5/3, ML3.5/1, Error ellipse: s-maj=186.6km s-min=17.5km az=74.0, ISC 06 03:15:12.5, 1.7, 0.85S, 0.1, 131.7E, 0.1, h35km, n5, e290/7, Irian Jaya region

MOS 06 03:20.4, 0.2, 4.8, 83N, 156.69E, h6km, mb4.3/1, Error ellipse: s-maj=76.8km s-min=9.5km az=82.2

6d 4h

2011 AUG

U39A Green Forest baz=122,SNR=7.4	28.52 314	P	P	04 36 42.2 +0.8	J41A Loganville baz=137	30.94 328	P	P	04 37 03.5 +0.8	K33A Hardington baz=125	34.28 321	P	P	04 37 32.5 +0.7
S40A Lebanon baz=126,SNR=6.8	28.55 317	P	P	04 36 42.5 +0.9	N38A Joes South For baz=129	30.94 322	P	P	04 37 03.1 +0.4	H35A Sunnyside Ranc baz=126	34.36 326	P	P	04 37 33.0 +0.6
Z37A Pogue Cattle C baz=115	28.56 307	P	P	04 36 42.2 +0.4	JCT Junction City baz=106	30.97 299	P	P	04 37 03.6 +0.4	C39A Grand Marais baz=142	34.36 334	P	P	04 37 33.2 +0.8
W38A Poteau baz=119	28.58 311	P	P	04 36 43.0 +1.1	JCT Junction City 5.1nm,0.8s	30.97 299	eP	P	04 37 03.7 +0.5	MSTX Muleshoe baz=108	34.40 304	P	P	04 37 33.2 +0.2
035Z Hargill baz=100	28.58 292	P	P	04 36 42.2 +0.2	Z33A Whitaker Ranch baz=115	31.02 305	P	P	04 37 04.2 +0.6	MSTX Muleshoe 8.5nm,0.8s	34.40 304	eP	P	04 37 32.7 -0.3
X38A Whitesboro baz=118	28.61 310	P	P	04 36 43.0 +0.8	W34A Bridge Creek, baz=115	31.03 309	P	P	04 37 04.2 +0.7	LPAZ La Paz 1.0nm,0.6s,baz=306,slow=6.6,SNR=5.3	34.40 180	P	P	04 37 33.9 +0.1
035A Encino baz=101	28.70 293	P	P	04 36 43.6 +0.5	K40A Colesburg baz=127	31.04 326	P	P	04 37 04.1 +0.6	O31A Woolen Ranch, baz=120	34.40 316	P	P	04 37 33.1 +0.2
O42A Bath baz=133	28.73 324	P	P	04 36 43.9 +0.7	O37A Wolven Farm, M baz=127	31.10 320	P	P	04 37 05.1 +1.0	F36A Milaca baz=135	34.47 328	P	P	04 37 34.7 +1.4
835A Beeville baz=104	28.75 296	P	P	04 36 44.0 +0.4	L39A Vinton baz=133	31.10 325	P	P	04 37 04.6 +0.5	I34A Hadley baz=129	34.49 324	P	P	04 37 34.5 +0.9
HHAR Hobbs 5.5nm,1.0s	28.78 314	eP	P	04 36 45.1 +1.4	V34A Guthrie baz=116	31.10 310	P	P	04 37 05.0 +0.8	N31A Bailey Ranch, baz=122	34.50 317	P	P	04 37 34.5 +0.8
Z36A Katherine and baz=112	28.80 304	P	P	04 36 45.2 +1.3	S35A Otter Creek Ra baz=121	31.13 314	P	P	04 37 04.8 +0.3	G35A Watkins baz=132	34.52 327	P	P	04 37 34.4 +0.7
T39A Clever baz=124	28.80 315	P	P	04 36 44.8 +0.9	Q36A Arnold C. Orve baz=124	31.24 317	P	P	04 37 05.9 +0.5	L32A Elgin baz=124	34.54 319	P	P	04 37 34.5 +0.3
R40A Maddies Statio baz=127	28.81 319	P	P	04 36 44.7 +0.7	X33A Lawton baz=113	31.29 307	P	P	04 37 06.3 +0.4	J33A Davis baz=127	34.68 322	P	P	04 37 35.8 +0.6
336A Riesel baz=110	28.83 302	P	P	04 36 44.8 +0.6	M38A Pleasantville baz=130	31.31 323	P	P	04 37 06.3 +0.3	ECSD EROS Data Cent baz=128	34.73 323	P	P	04 37 35.8 +0.1
V38A Canehill baz=120,SNR=5.9	28.89 312	P	P	04 36 45.6 +0.9	J40A Soldiers Grove baz=136	31.32 328	P	P	04 37 06.7 +0.7	ECSD EROS Data Cent 3.9nm,0.7s	34.73 323	eP	P	04 37 36.2 +0.6
P41A Barry, Barry baz=131	28.95 322	P	P	04 36 45.4 +0.3	U34A Anderson Ranch baz=130	31.39 311	P	P	04 37 07.5 +0.9	C38A Sawbill Lands baz=140	34.78 331	P	P	04 37 36.3 +0.3
X37A Clayton baz=117	28.97 309	P	P	04 36 46.2 +0.7	T34A McClaskey Farm baz=119,SNR=6.7	31.41 312	P	P	04 37 07.6 +0.7	M31A Lambrecht Ranc baz=122	34.79 318	P	P	04 37 36.4 +0.1
535A Dale baz=107	29.00 299	P	P	04 36 46.1 +0.4	K39A Oelwein baz=134	31.44 326	P	P	04 37 07.5 +0.4	E36A McGregor baz=130	34.81 329	P	P	04 37 36.6 +0.4
Q40A Laux Farm, Aux baz=128	29.12 320	P	P	04 36 47.5 +0.9	P36A Good Intent, A baz=125	31.44 318	P	P	04 37 07.5 +0.4	H34A Spellman Lake, baz=130	34.85 325	P	P	04 37 37.2 +0.5
O41A Passleys Farm, baz=132	29.13 323	P	P	04 36 47.0 +0.2	ABTX Abilene, Hawle baz=109	31.48 303	P	P	04 37 08.2 +0.6	D37A Cotton baz=132	34.88 331	P	P	04 37 37.8 +1.0
S39A Bolivar baz=125	29.14 317	P	P	04 36 47.7 +0.9	ABTX Abilene, Hawle 8.5nm,0.8s	31.48 303	eP	P	04 37 08.2 +0.6	K32A Verdigre baz=125	34.89 320	P	P	04 37 37.3 +0.2
U38A Gravette baz=121	29.17 313	P	P	04 36 48.6 +1.4	N37A Lee Faris, Mou baz=128	31.50 321	P	P	04 37 08.4 +0.8	F35A Swanville baz=133	35.00 327	P	P	04 37 38.1 +0.2
934A Benavides baz=102	29.20 294	P	P	04 36 48.0 +0.5	W33A Caddo, Fort Co baz=114	31.51 308	P	P	04 37 08.3 +0.5	I33A Coleman baz=128	35.03 323	P	P	04 37 38.9 +0.7
Z36A Blue Ridge baz=114	29.21 306	P	P	04 36 48.2 +0.7	Q35A Mercer Eighty, baz=123	31.56 316	P	P	04 37 08.5 +0.3	EYMN Ely baz=140	35.05 333	P	P	04 37 38.9 +0.6
034A Hebronville baz=101	29.23 293	P	P	04 36 49.4 +1.6	WMOK Wichita Mounta 4.6nm,0.7s	31.58 307	eP	P	04 37 08.8 +0.4	G34A Benson baz=131	35.15 326	P	P	04 37 39.9 +0.7
435B Jarrell baz=108	29.23 301	P	P	04 36 49.0 +1.3	WMOK Wichita Mounta 4.6nm,0.7s	31.58 307	eP	P	04 37 08.0 -0.5	L31A Butterfield Fa baz=123	35.15 319	P	P	04 37 40.0 +0.7
335A Moody baz=109	29.27 302	P	P	04 36 48.8 +0.7	I40A Norwalk baz=137	31.62 329	P	P	04 37 09.4 +0.8	C37A Embarrass baz=136	35.19 332	P	P	04 37 40.3 +0.8
W37B Quinton baz=118	29.27 310	P	P	04 36 48.8 +0.7	L38A Oak Wood Farm, baz=131	31.65 324	P	P	04 37 09.4 +0.5	D36A Goodland baz=136	35.23 330	P	P	04 37 40.7 +0.8
R39A Chumby, Stover baz=126	29.31 318	P	P	04 36 48.7 +0.3	S34A Willow Spring baz=120	31.69 313	P	P	04 37 10.1 +0.8	F34A Alexandria baz=134	35.31 327	P	P	04 37 41.1 +0.5
834A Tilden baz=103	29.34 295	P	P	04 36 49.1 +0.3	J39A Denon baz=134	31.78 327	P	P	04 37 11.0 +0.9	K31A O'Neill baz=124	35.35 320	P	P	04 37 41.4 +0.4
V37A Hulbert baz=120,SNR=10	29.42 312	P	P	04 36 50.2 +0.8	U33A Lingo Farm, Me baz=117	31.80 311	P	P	04 37 11.1 +0.7	HPIG Prehn Over Nor 2.8nm,0.9s	35.38 291	eP	P	04 37 42.6 +1.0
T38A Diamond baz=122	29.42 315	P	P	04 36 49.8 +0.5	M37A Trindle Farm, baz=125	31.80 322	P	P	04 37 10.9 +0.6	H33A Karley and Nic baz=127	35.39 324	P	P	04 37 41.7 +0.4
P40A Paris baz=129	29.44 321	P	P	04 36 50.0 +0.6	X32A Elmer baz=112	31.84 306	P	P	04 37 11.4 +0.6	I32A Pequot Lakes baz=137	35.40 328	P	P	04 37 41.7 +0.3
S38A Stockton baz=124	29.48 316	P	P	04 36 50.6 +0.7	K38A Parkersburg baz=127	31.88 325	P	P	04 37 11.5 +0.6	C36A Pine Crest Far baz=137	35.51 331	P	P	04 37 42.9 +0.7
734A La Parita Cree baz=104	29.51 296	P	P	04 36 50.8 +0.6	H40A Chili baz=138	32.05 330	P	P	04 37 13.1 +0.8	G33A Ortonville baz=130	35.55 325	P	P	04 37 43.3 +0.7
WHXT Lake Whitney, baz=110	29.53 303	P	P	04 36 50.9 +0.5	KSU1 Kansas State U baz=122	32.07 316	P	P	04 37 13.4 +0.8	D35A Remer baz=135	35.59 329	P	P	04 37 44.2 +1.2
U37A Salina baz=120	29.66 313	P	P	04 36 52.1 +0.6	R34A Isabella, Hill baz=120,SNR=12	32.08 314	P	P	04 37 13.4 +0.7	H32A Carlson Farm, baz=128	35.67 323	P	P	04 37 44.1 +0.4
X36A Centrahoma baz=116	29.69 309	P	P	04 36 53.1 +1.3	W32A Genesee baz=114,SNR=8.2	32.08 308	P	P	04 37 13.3 +0.4	J31A Geddes baz=125	35.71 321	P	P	04 37 45.0 +0.9
Q39A Willow Grove F baz=127	29.70 319	P	P	04 36 52.6 +0.8	L37A Phoenix Point, baz=130	32.09 323	P	P	04 37 13.4 +0.7	F33A 5 Mile Ranch, baz=131	35.88 326	P	P	04 37 46.4 +0.9
O40A La Belle baz=130	29.71 322	P	P	04 36 52.2 +0.4	J38A Wedel Dairy, R baz=133	32.17 326	P	P	04 37 14.1 +0.7	MNTX Cornudas Mount 3.9nm,0.8s	35.91 299	eP	P	04 37 47.2 +1.2
534A Blanco baz=106	29.75 299	P	P	04 36 52.8 +0.4	V32A Arapaho baz=114	32.17 309	P	P	04 37 14.3 +0.7	C35A Jirik Farms, M baz=136	35.91 299	eP	P	04 37 46.8 +0.4
M41A Milan baz=134	29.80 325	P	P	04 36 53.1 +0.5	T33A Patterson Ranc baz=117	32.19 312	P	P	04 37 14.7 +1.0	D34A Park Rapids baz=134	36.15 328	P	P	04 37 48.5 +0.8
R38A Fenwick Farm, baz=125	29.80 317	P	P	04 36 53.2 +0.6	Q34A Chapman baz=122	32.19 316	P	P	04 37 14.6 +0.9	G32A Webster baz=128	36.17 324	P	P	04 37 48.5 +0.6
434A Burnet baz=108	29.80 300	P	P	04 36 53.4 +0.6	S33A Kaszmaul Farm, baz=113	32.25 313	P	P	04 37 15.0 +0.7	E33A Westby DABS, E baz=132	36.19 327	P	P	04 37 48.2 +0.3
933A Laredo baz=101	29.86 294	P	P	04 36 54.3 +1.0	O35A Humboldt baz=125	32.26 318	P	P	04 37 15.2 +0.8	J30A Dallas baz=124	36.19 320	P	P	04 37 48.1 0.0
Z35A Perchaven, San baz=113	29.86 306	P	P	04 36 53.5 +0.2	M36A Felix, Anita baz=128	32.27 321	P	P	04 37 15.2 +0.7	H31A Wolsey baz=126	36.25 323	P	P	04 37 49.1 +0.5
T37A Cheneyville 18 baz=122	29.89 314	P	P	04 36 54.2 +0.7	ZAIG Zanesville 8.5nm,1.2s	32.29 284	eP	P	04 37 16.9 +1.8	B35A Bob, Littlefor baz=137	36.35 331	P	P	04 37 49.9 +0.4
TUL1 Leonard baz=119,SNR=9.5	29.89 311	P	P	04 36 54.4 +0.8	U32A Winter Ranch, baz=116	32.42 310	P	P	04 37 16.3 +0.5	SCHO Schefferville 2.4nm,0.5s,baz=186,slow=7.1,SNR=11	36.45 1	P	P	04 37 51.6 +1.4
TUL1 Leonard 20nm,0.8s	29.89 311	eP	P	04 36 54.1 +0.5	N35A Tabor baz=126	32.43 320	P	P	04 37 16.1 +0.3	D33A AnnSam, Waubun baz=133	36.52 328	P	P	04 37 51.1 +0.2
Y35A Marietta baz=114	29.93 307	P	P	04 36 54.4 +0.6	K37A Belmont baz=131	32.44 324	P	P	04 37 16.4 +0.7	T25A Trinidad baz=111	36.71 308	P	P	04 37 53.3 +0.4
334A Lometa baz=109	29.94 301	P	P	04 36 54.8 +0.7	P34A Walnut Farm, R baz=122	32.45 317	P	P	04 37 16.3 +0.4	B34A Aery, Baudette baz=136	36.87 331	P	P	04 37 54.1 +0.3
V36A Jenks baz=118,SNR=6.6	29.94 311	P	P	04 36 54.9 +0.9	R33A Olander Ranch, baz=119	32.59 314	P	P	04 37 17.9 +0.7	F31A Hecla baz=128	36.96 325	P	P	04 37 54.7 +0.1
Q38A Cooks Store, C baz=126	30.06 318	P	P	04 36 55.2 +0.2	I38A Scanlan Farm, baz=134	32.59 327	P	P	04 37 17.7 +0.6	E31A Nome baz=129	37.20 326	P	P	04 37 57.2 +0.7
Z34A Clairette baz=110	30.08 303	P	P	04 36 55.9 +0.7	O34A Beatrice baz=124	32.71 318	P	P	04 37 18.9 +0.7	AGMN Agassiz Nation baz=134	37.32 329	P	P	04 37 57.7 +0.1
235A Drake baz=115	30.08 312	P	P	04 36 56.2 +0.9	T32A Huddler Ranch, baz=117	32.72 311	P	P	04 37 18.8 +0.4	AGMN Agassiz Nation 4.6nm,0.5s	37.32 329	eP	P	04 37 57.5 0.0
U36A Oologah baz=120	30.10 295	P	P	04 36 56.2 +0.7	J37A Resilius Farm, baz=132	32.75 325	P	P	04 37 19.3 +0.8	BNM Barren Site baz=130	37.52 303	eP	P	04 38 01.3 +1.5
833A Chaparral WMA, baz=102	30.10 295	P	P	04 36 56.8 +0.9	K36A Gilmore City baz=130	32.81 323	P	P	04 37 19.8 +0.7	LPM Los Pinos Moun baz=136	37.59 304	P	P	04 38 01.0 +0.7
S37A Fort Scott baz=123	30.17 315	P	P	04 36 56.8 +0.9	M35A Neola baz=126	32.82 320	P	P	04 37 19.9 +0.7	ANMO Albuquerque baz=136	37.59 304	eP	P	04 38 01.6 +1.3
633A Saathoff Ranch baz=105	30.18 297	P	P	04 36 56.6 +0.4	Q33A Connelly Farm, baz=120,SNR=14	32.83 315	P	P	04 37 20.1 +0.8	ANMO Albuquerque 2.2nm,0.8s	37.59 304	eP		

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LASA Array, Organ Pipe Nat, Boulder Array, Pinedale Array, etc.

OMAN 06:04:37:52.0:99.0:29.18N:53.66E, h35km, 999km, Error ellipse: s-maj=2290.0km s-min=264.9km az=323.0

CSEM 06:04:36:23.3:0.6:27.10N:55.16E, h15km, ML2.9, Error ellipse: s-maj=22.8km s-min=13.2km az=58.0

TEH 06:04:38:27.1:27.83N:55.41E, h16km, ML2.9

ISC 06:04:38:19.2:1.0:26.99N:0.05:54.82E:0.05, h17km, n21, s18/23, Southern Iran

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

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

JMA 06:04:42:17.9:23.29N:121.56E, h45km, 2km, M3.5

ISCJB 06:04:42:18.6:0.3:23.28N:0.01:121.66E:0.02, h30km, 2km, Error ellipse: s-maj=3.1km s-min=2.1km az=38.7

TAP 06:04:42:19.1:23.31N:121.57E, h39km, ML3.9, C

ISC 06:04:42:18.1:1.3:23.29N:0.02:121.64E:0.02, h21km, 4km, n66, s08/11/19, 13C-7D, Taiwan

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

NIED 06:04:44:00:39.90N:142.40E, h47km, Mw3.5 Best double couple: M1.93000x1014 N1.926700000, s27.00000, 1.153.00000, NP2:0.21.00000, s78.00000, 1.65.00000

JMA 06:04:44:42.5:0.1:39.92N:142.40E, h38km, 1km, M3.5, Near east coast of eastern Honshu

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

IDC 06:04:48:23.8:1.2:37.40N:20.22E, h0km, mb4.0/12, mb1.4/0.22, mb1mx3.9/49, mbtmp3.9/22, ML3.9/8, MS3.2/11, Ms1.3/2.11, ms1mx2.9/45, Error ellipse: s-maj=22.8km s-min=14.9km az=13.0

ATH 06:04:48:24.9:37.30N:20.13E, h18km, 1km, ML3.8/10, Error ellipse: s-maj=2.4km s-min=1.3km az=58.0

PDG 06:04:48:26.0:6.3:37.41N:20.13E, h14km, 1km, ML4.0/11, Error ellipse: s-maj=1.2km s-min=1.7km az=0.0

ROM 06:04:48:26.3:0.1:37.20N:20.31E, h39km, ML3.9/22, Error ellipse: s-maj=0.5km s-min=0.0km az=90.0

MOS 06:04:48:26.7:1.0:37.35N:20.21E, h29km, mb4.3/14, Error ellipse: s-maj=9.3km s-min=4.5km az=72.0

CSEM 06:04:48:26.2:0.1:37.37N:20.13E, h10km, mb4.2/14, ML4.2/6, Error ellipse: s-maj=3.8km s-min=2.4km az=3.0

NEIC 06:04:48:27.2:37.34N:20.25E, h3km, mb4.2/3, ML4.0(THE), Error ellipse: s-maj=0.8km s-min=0.5km az=52.0

THE 06:04:48:27.2:37.34N:20.25E, h3km, ML4.0/5, Error ellipse: s-maj=0.8km s-min=0.5km az=52.0

BEO 06:04:48:44.1:2.3:38.50N:20.23E, h0km, M3.6/1

ISC 06:04:48:25.4:1.2:37.33N:0.03:20.13E:0.02, h11km, 8km, n413, s1943/497, mb4.2/18, MS3.1/4, 30C-9D, Ionian Sea

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWQ1, TWQ2, TWC, TWC, ENTT, etc.

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VLY Voula, Athens, KARY Karystos, LOUT Loutraki, etc.

ISC 06 07:11:50.5±2.0, 7.70S: 120.00E, h0km, mb3.4/2, mb1 3.8/4, mb1mx3.6/47, mbtmp3.6/4, ML3.2, MS3.4/1, Ms1 3.3/1, ms1mx3.0/19, Error ellipse: s-maj=170.6km s-min=26.1km az=56.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WSI Waingapu, PLAI Plampang, EDFI Ende, etc.

NIED 06 07:14:00.35±30N, 141.20E, h14km, Mw5.0. Best double couple: M3.15000±0.016, NP1±0.235, 00000°, 349.00000°, λ-180.00000°. NP2±145.00000°, 890.00000°, λ-41.00000°

BJJ 06 07:14:50.3, 35.03N, 141.37E, h31km, mb4.9/69, mb5.2/59, Ms5.2/75, Ms7.4/97/3

ISC 06 07:14:51.0±0.3, 35.28N, 141.10E, h0km, mb4.9/37, mb1 4.9/42, mb1mx4.9/55, mbtmp4.8/42, ML4.1/4, MS4.3/29, Ms1 4.3/29, ms1mx4.2/43, Error ellipse: s-maj=12.4km s-min=8.9km az=97.0

JMA 06 07:14:52.4±0.1, 35.34N, 141.16E, h28km±2km, M5.2 Broadband fault plane solution: P waves. NP1: 0±348.00000°, 860.00000°, λ-91.00000°. NP2: 0±170.00000°, 830.00000°, λ-88.00000°. Principal axes: T P1±15.00000°, Azm±79.00000°, N P1±1.00000°, Azm±349.00000°, P P1±75.00000°, Azm±255.00000°

JMA Felt III J1. ISCJB 06 07:14:53.9±0.5, 35.24N, 141.01E, h29km, 3km, mb5.2/325, MS4.6/55, Error ellipse: s-maj=3.2km s-min=2.4km az=167.6

NEIC 06 07:14:55.3±1.1, 35.25N, 140.99E, h26km±7km, mb5.3/242, Error ellipse: s-maj=3.1km s-min=2.3km az=132.0

NEIC Felt at Chiba, Narita, Tokyo, Yachimata and Yokohama. Recorded [3 JMA] in Chiba. MOS 06 07:14:56.5±1.0, 35.40N, 141.03E, h42km, mb5.4/115, MS4.5/23, Error ellipse: s-maj=6.4km s-min=4.2km az=107.8

ISC 06 07:14:54.9±0.5, 35.33N, 141.04E, h28km±3km, h1114, c1±147/1085, mb5.2/326, MS4.5/56, 44C-31D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHOI Chosi, ISUJ ISUMI INFRASON, KTR Katsura, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHO Hitachi, JOD2 Odawara 2, AJJ Ajiro2, etc.

USRK Ussuriysk Arr 11.26 325 Pn Pn 07 17 36.2 +2.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CN2, SNY, SNY, etc.

KLR Kul'dur 15.48 337 Pn Pn 07 18 30.6 -0.5

KLR Kul'dur 15.48 337j eP Pn 07 18 30.8 -0.3

DL2 Dalian 15.88 289 P S 07 18 40.2 +0.3

DL2 Dalian 15.88 289 P S 07 18 38.3 -7.0

SSE Sheshan 17.14 261 P Pmax Pmax 07 18 52.9 -0.9

NKL Nikolayevsk 17.82 359 eP P 07 19 00.5 -0.6

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NKL, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

HHC Hu-ho-hao-te 23.78 292 eP P 07 20 05.5 +0.3

HHC Hu-ho-hao-te 23.78 292 pP pPmax 07 20 16.9 +0.3

HHC 17.82 22.4 -4.1 S P 07 18 22.4 -4.1

HHC 17.82 22.4 -4.1 S P 07 18 37.6

HHC 17.82 22.4 -4.1 S P 07 21 03.6 +1.3

CLNS Chul'man 24.13 338 eP P 07 20 08.6 +0.4

CLNS Chul'man 24.13 338 e'PP e'PP 07 20 19.0 -0.8

CLNS Chul'man 24.13 338 e e 07 20 39.9

CLNS Chul'man 24.13 338 eS S 07 24 27.0 +2.8

CLNS Chul'man 24.13 338 eSS eSS 07 25 18.8 +1.2

CLNS Chul'man 24.13 338 Pmax Pmax 07 20 17.1 +0.3

CLNS Chul'man 24.13 338 Pmax Pmax 07 20 17.5 +0.7

XAN Xi'an 26.38 277 P P 07 20 27.5 -1.4

XAN Xi'an 26.38 277 pP pP 07 20 38.0 -2.4

XAN Xi'an 26.38 277 sP sP 07 20 43.2 +6.2

XAN Xi'an 26.38 277 S Smax Smax 07 25 02.9 +2.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BTO Baotou, MA2 Magadan, etc.

ARU	Arti	57.44	319d	iP	P	07 24 41.2	+0.4
ARU						07 25 36.8	
ARU				S	S	07 32 36.8	+0.9
ARU						07 34 23.4	
ARU				SS	SS	07 36 19.8	-5.4
ARU				pmx	pmx		
ARU	comp=Z,38nm,1.2s			MLR	MLR		
SOKR	Solkamsk	57.49	323	eP	P	07 24 42.3	+1.2
SOKR							
KBL	Kabul	57.75	292	eP	P	07 24 45.8	+2.1
KBL							
KBL	comp=Z,25nm,0.9s						
KBL	Kabul	57.75	292	eP	P	07 24 45.8	+2.1
KBL	comp=Z,25nm,0.9s						
HYB	Hyderabad	57.86	269	iP	P	07 24 45.0	+0.5
AB31	Akberali array	58.81	311	iP	P	07 24 50.0	-0.2
AB31							
AS01	Alice Springs	59.06	188	eP	P	07 24 52.0	-0.5
AS31	Alice Springs	59.06	188	eP	P	07 24 52.1	-0.4
ASAR	Alice Springs	59.06	188	eP	P	07 24 51.8	-0.7
ASAR	comp=Z,5.9nm,0.8s,baz=16,slow=12,SNR=44			LR	LR	07 48 53.0	
ASAR	comp=Z,290nm,21.6s,baz=11,slow=35						
ASAR	comp=Z,0.7nm,0.9s,baz=200,slow=3.2,SNR=5.3			PKP2bc		07 54 37.8	
MBWA	Marble Bar	59.71	203	eP	P	07 24 56.5	-0.4
EIDS	Eidsvold	61.12	170	eP	P	07 25 07.1	+0.6
DZM	Mont Dzumac	61.97	153	P	P	07 25 14.3	+1.9
DZM	comp=Z,20nm,1.0s,baz=25,slow=9.1,SNR=4.2					07 25 15.3	+2.9
DZM	Mont Dzumac	61.97	153	eP	P	07 25 15.3	+2.9
DZM	comp=Z,110nm,1.4s			eS	S	07 33 29.9	-5.2
DZM	comp=Z,1,105nm,24.2s						
DZM	comp=Z,61nm,24.0s			eLR	LR	07 43 26.5	
DZM	Mont Dzumac	61.97	153	eP	P	07 25 12.6	+0.1
DZM	comp=Z,60nm,1.3s						
SPA1	Spitsbergen Ar	62.13	349	eP	P	07 25 15.7	+2.9
SPA2	Spitsbergen Ar	62.13	349	eP	P	07 25 15.7	+2.9
SPITS	Spitsbergen Ar	62.13	349	eP	P	07 25 14.3	+1.5
SPITS	comp=Z,24nm,1.0s,baz=106,slow=11,SNR=3.5						
SPITS	Spitsbergen Ar	62.13	349	eP	P	07 25 14.3	+1.5
SPITS							
KBS	Kingsbay	62.28	350	eP	P	07 25 15.4	+1.6
KBS							
KBS	Kingsbay	62.28	350	eP	P	07 25 15.4	+1.6
KBS	comp=Z,31nm,1.0s						
LVS	Lovozero	63.54	336	iP	P	07 25 24.9	+2.6
LVS							
APA	Apatity	64.11	336	iP	P	07 25 28.0	+1.9
APA							
APA	comp=Z,10.0nm,0.8s			MLR	MLR		
RES	Resolute Bay	64.32	14	P	P	07 25 26.8	-0.5
RES	comp=Z,23nm,0.8s,baz=913,slow=1.7,SNR=3.6						
GEYT	Alibek	64.40	300	P	P	07 25 30.7	+2.2
GEYT	comp=Z,18nm,1.0s,baz=35,slow=5.4,SNR=12						
KLMR	Klimovskoe	65.03	328	eP	P	07 25 31.3	-0.9
KLMR						07 27 54.1	
KLMR							
YKA	Yellowknife Ar	65.43	30	P	P	07 25 35.5	+0.8
YKA	comp=Z,18nm,1.0s						
YKA	comp=Z,5.7nm,0.8s,baz=299,slow=6.7,SNR=11			LR	LR	07 55 54.6	
YKA	comp=Z,9.0nm,20.2s,baz=0,slow=38						
YKBS	Yellowknife Ar	65.43	30	eP	P	07 25 36.3	+1.6
ARAO	ARCCESS Array S	65.48	340	eP	P	07 25 36.9	+1.9
ARCES	ARCCESS Array B	65.48	340	eP	P	07 25 36.9	+1.1
ARCES	comp=Z,6.1nm,0.7s,baz=67,slow=8.9,SNR=6.6			LR	LR	07 57 21.3	
ARCES	ARCCESS Array B	65.48	340	eP	P	07 25 36.1	+1.1
ARCES	comp=Z,266nm,21.9s,baz=43,slow=39						
ARCES	ARCCESS Array B	65.48	340	eP	P	07 25 36.1	+1.1
ARCES	comp=Z,4.0nm,0.7s						
ARCES				MLR	MLR		
ARMA	Armidale	66.16	170	eP	P	07 25 40.7	+0.8
ARMA	comp=Z,2.9nm,0.9s						
STKA	Stevens Creek	66.86	179	P	P	07 25 45.8	+1.7
STKA	comp=Z,5.7nm,0.8s,baz=345,slow=5.4,SNR=6.3			LR	LR	07 54 20.2	
STKA	comp=Z,251nm,21.1s,baz=13,slow=96						
STKA	Stevens Creek	66.86	179	eP	P	07 25 45.5	+1.4
DAG	Danmarks Havn	67.44	355	iP	P	07 25 47.4	0.0
DAG	comp=Z,13nm,1.9s						
DAG	Danmarks Havn	67.44	355	iP	P	07 25 47.4	0.0
DAG	comp=Z,26nm,1.0s						
LLBL	Lillooet	67.70	43	eP	P	07 25 51.1	+1.6
LLBL	comp=Z,22nm,1.2s						
BBOO	Bucklebo	67.95	185	eP	P	07 25 52.5	+1.4
BBOO	comp=Z,42nm,1.3s						
NLWA	Neilton Lookou	68.09	47	eP	P	07 25 53.4	+1.4
NLWA	comp=Z,54nm,1.1s						
MOS	Moscow	68.64	324	eP	P	07 25 53.1	-0.8
VRH	Novokhoporsk	68.64	318	eP	P	07 25 55.1	-0.2
VRH							
E03A	Leban	68.69	48	eP	P	07 25 57.9	+2.2
E03A	comp=Z,10.0nm,0.6s						
B05A	Bryant	68.71	45	P	P	07 25 56.5	+0.6
B05A	comp=Z,50nm,1.1s						
B06A	Marblemount	68.94	45	eP	P	07 25 58.5	+1.3
B06A	comp=Z,30nm,1.1s						
F03A	Seaside	68.99	48	eP	P	07 25 59.5	+1.9
F03A	comp=Z,108nm,1.4s						
OBN	Obninsk	69.28	324	eP	P	07 26 00.5	+1.3
OBN						07 26 20.6	
OBN						07 28 31.0	
OBN	comp=Z,50nm,1.7s						
OBN				MLR	MLR		
D05A	Enumclaw	69.31	46	eP	P	07 26 01.8	+2.2
D05A	comp=Z,498nm,16.0s						
G03D	McMinnville, O	69.52	49	P	P	07 26 01.8	+0.9
G03D	comp=Z,300nm,1.5s						
G03D				S	S	07 35 04.7	-2.2
C06D	Leavenworth	69.58	45	P	P	07 26 02.7	+1.4
C06D	comp=Z,300nm,1.5s						
TDL	Tradedollar La	69.59	47	P	P	07 26 03.2	+1.7
LON	Longmire	69.63	47	eP	P	07 26 02.5	+0.8
LON							
LON	comp=Z,11nm,1.3s						
LON	Longmire	69.63	47	eP	P	07 26 02.5	+0.8
LON	comp=Z,11nm,1.3s						
F04A	Amboy	69.68	48	eP	P	07 26 03.5	+1.6
F04A	comp=Z,46nm,1.1s						
COR	Corvallis	69.81	49	eP	P	07 26 04.5	+1.8
COR							
COR	comp=Z,45nm,1.0s						
COR	Corvallis	69.81	49	eP	P	07 26 04.5	+1.8
COR	comp=Z,45nm,1.0s						
VSR	Storozhevoye	70.01	319	eP	P	07 26 03.9	+0.1
VSR							
VSR	comp=Z,20nm,1.0s						
VSR	Liberty	70.05	46	eP	P	07 26 05.4	+1.1
VSR	comp=Z,24nm,1.2s						
ETW	Entiat	70.07	45	P	P	07 26 05.6	+1.2
ETW	comp=Z,24nm,1.2s						
FI01	FINESSE Array S	70.17	332	eP	P	07 26 05.7	+1.1
FI01	comp=Z,39nm,1.3s						
FINES	FINESSE Array B	70.18	332	eP	P	07 26 05.2	+0.6
FINES	comp=Z,12nm,0.8s,baz=64,slow=4.4,SNR=20			LR	LR	07 58 08.4	
FINES							
I03D	Drain, O	70.22	50	P	P	07 26 06.5	+1.2
I03D	comp=Z,200nm,18.1s,baz=24,slow=37						
I03D	Drain, O	70.22	50	P	P	07 26 06.5	+1.2
I03D	comp=Z,300nm,SNR=7.0						
B08A	Colville Reser	70.26	44	P	P	07 26 06.6	+1.1
B08A	comp=Z,27nm,1.1s						
VFP	Flag Point	70.57	48	P	P	07 26 09.0	+1.4
CAN	Canberra	70.68	173	eP	P	07 26 08.7	+0.7
CAN							

CAN	comp=Z,54nm,1.7s	70.68	173	eP	P	07 26 08.7	+0.7
CAN	Canberra	70.68	173	eP	P	07 26 08.7	+0.7
G05D	Wendick, OR	70.69	48	P	P	07 26 09.0	+0.9
G05D	comp=Z,54nm,1.7s						
I04A	Tamick Farm, baz=301,SNR=14	70.76	50	P	P	07 26 09.4	+0.8
I04A							
L02D	Cave Junction, baz=301	70.84	52	P	P	07 26 09.8	+0.7
L02D							
G0F	Gofitskoye	71.00	312	eP	P	07 26 15.5	+5.5
G0F							
HUMO	Hull Mountain	71.02	51	eP	P	07 26 12.3	+2.1
HUMO	comp=Z,17nm,1.3s						
G06A	Carlson Farm, baz=301	71.11	48	eP	P	07 26 12.3	+1.6
G06A	comp=Z,37nm,1.3s						
I05D	Terrebonne, OR	71.15	49	eP	P	07 26 11.4	+0.5
I05D	comp=Z,37nm,1.3s						
C09A	Chrisman Ranch	71.16	44	P	P	07 26 12.1	+1.2
C09A	comp=Z,45nm,1.2s						
HAWA	Hanford	71.17	46	eP	P	07 26 12.5	+1.5
HAWA	comp=Z,6.0nm,0.5s						
D08A	Wollman Farm, baz=301	71.18	45	eP	P	07 26 12.1	+1.1
D08A	comp=Z,18nm,1.0s						
VTHM	Trough	71.18	48	P	P	07 26 12.7	+1.6
VTHM	comp=Z,24nm,1.2s						
J04D	Umpqua Nationa	71.23	50	P	P	07 26 12.0	+0.3
J04D	comp=Z,14nm,1.1s,baz=301,slow=5.9,SNR=23						
KHMM	Horse Mountain	71.41	53	eP	P	07 26 14.1	+1.3
KHMM	comp=Z,40nm,1.1s						
GUDG	Gudauri	71.45	309	eP	P	07 26 19.1	+6.1
NCK	Nalchik	71.47	310	eP	P	07 26 13.8	+0.9
NCK							
NWAO	Narrogin (SRO)	71.48	201	P	P	07 26 14.4	+1.7
NWAO	comp=Z,16nm,0.7s,baz=249,slow=5.4,SNR=7.2						
NEW	Newport	71.56	44	P	P	07 26 13.8	+0.4
NEW	comp=Z,14nm,1.1s,baz=301,slow=5.9,SNR=23						
NEW	Newport	71.56	44	P	P	07 26 14.1	+0.7
NEW	comp=Z,14nm,1.1s,baz=301,slow=5.9,SNR=23						
NEW	Newport	71.56	44	eP	P	07 26 14.5	+1.1
NEW							
NEW	comp=Z,30nm,1.2s						
NEW	Newport	71.56	44	eP	P	07 26 14.5	+1.1
NEW	comp=Z,30nm,1.2s						
YBH	Yreka Blue Hor	71.63	52	eP	P	07 26 16.0	+2.0
YBH							
YBH	comp=Z,25nm,1.0s						
YBH	Yreka Blue Hor	71.63	52	eP	P	07 26 16.0	+2.0
YBH	comp=Z,25nm,1.0s						
ZEI	Tsey	71.64	310	eP	P	07 26 13.4	-0.8
ZEI							
TBLG	Delisi	71.66	308	P	P	07 26 19.1	+5.0
TBLG						07 26 19.1	+5.0
M02C	Callahan	71.71	52	P	P	07 26 15.3	+0.9
M02C	comp=Z,31nm,1.0s						

TPNV	Topopah Spring	78.44	53	eP	P	07 26 54.8 +1.4
TPNV	comp-Z,36nm,1.1s					
TPNV	Topopah Spring	78.44	53	eP	P	07 26 54.8 +1.4
TPNV	comp-Z,36nm,1.1s					
LAO	LASA Array	78.46	40	eP	P	07 26 54.5 +1.2
LAO	comp-Z,34nm,1.0s					
LAO	LASA Array	78.46	40	eP	P	07 26 54.6 +1.3
LAO	comp-Z,34nm,1.0s					
EDW2	Edwards Air Fo	78.47	55	P	P	07 26 54.8 +1.3
EDW2	baz=305					
SBI	Santa Barbara	78.57	57	eP	P	07 26 57.6 +3.6
LVV	L'vov	78.57	324	eP	P	07 26 58.5 +4.8
DECC	Green Verdugo	78.60	56	P	P	07 26 54.4 +0.6
DECC	baz=305					
HWUT	Hardware Ranch	78.61	47	eP	P	07 26 56.0 +1.7
DUG	Dugway, Tooele	78.70	49	P	P	07 26 55.8 +1.0
DUG	comp-Z,27nm,1.0s					
DUG	Dugway, Tooele	78.70	49	eP	P	07 26 56.5 +1.7
DUG	comp-Z,27nm,1.0s					
DUG	Dugway, Tooele	78.70	49	eP	P	07 26 56.5 +1.7
DUG	comp-Z,21nm,0.9s					
PASC	Pasadena Art C	78.75	56	eP	P	07 26 56.0 +1.0
PASC	comp-Z,69nm,1.6s					
BSD	Bornholm Skovb	78.80	332	iP	P	07 26 56.4 +1.6
BSD	comp-Z,17nm,0.8s					
BSD	Bornholm Skovb	78.80	332	iP	P	07 26 56.4 +1.6
BSD	comp-Z,17nm,0.8s					
MWC	Mount Wilson	78.81	56	eP	P	07 26 56.4 +0.8
MWC	comp-Z,49nm,1.4s					
MWC	Mount Wilson	78.81	56	eP	P	07 26 56.4 +0.8
MWC	comp-Z,49nm,1.4s					
FMP	Fort Macarthur	78.94	57	P	P	07 26 57.2 +1.2
TCUT	Toone Canyon	79.00	47	eP	P	07 26 58.2 +1.7
GSC	Goldstone, Bar	79.03	55	P	P	07 26 58.0 +1.4
GSC	comp-Z,27nm,0.9s					
GSC	Goldstone, Bar	79.03	55	eP	P	07 26 57.8 +1.2
GSC	comp-Z,33nm,1.4s					
GSC	Goldstone, Bar	79.03	55	eP	P	07 26 57.8 +1.2
GSC	comp-Z,33nm,1.4s					
SHOC	Shoshone, Teco	79.03	54	P	P	07 26 57.1 +0.6
SHOC	baz=306					
CIS	Catalina Islan	79.03	57	P	P	07 26 57.5 +0.9
BFC	Mount Baldy Ra	79.07	56	P	P	07 26 57.2 +0.3
BFC	baz=305					
BW06	Boulder Array	79.08	45	P	P	07 26 57.7 +0.8
BW06	comp-Z,8.5nm,0.8s					
BW06	Boulder Array	79.08	45	eP	P	07 26 57.7 +0.8
BW06	comp-Z,8.5nm,0.8s					
PD31	Pinedale Array	79.08	45	eP	P	07 26 57.7 +0.7
PDAR	Pinedale Array	79.08	45	eP	P	07 26 57.7 +0.7
PDAR	comp-Z,6.1nm,0.7s,slow=1.9,SNR=56					
RRX	Edison Barstow	79.14	55	P	P	07 26 58.0 +0.8
RRX	baz=306					
SC12	San Clemente I	79.18	57	P	P	07 26 59.1 +1.7
SC12	baz=305					
JLU	Jordanelle	79.29	48	eP	P	07 26 59.6 +1.4
JLU	comp-Z,16nm,0.9s					
NLU	North Lily Min	79.30	48	eP	P	07 26 59.8 +1.6
NLU	comp-Z,16nm,1.0s					
KWP	Kalwaria Pacia	79.33	324	eP	P	07 26 59.5 +1.6
KWP	comp-Z,16nm,1.0s					
KWP	Kalwaria Pacia	79.33	319	eP	P	07 26 59.5 +1.6
KWP	comp-Z,16nm,1.0s					
C25A	Freed Ranch, W	79.33	38	P	P	07 26 59.0 +1.0
C25A	baz=312					
SHPR	Sheep Range	79.41	53	eP	P	07 27 00.5 +1.7
SHPR	comp-Z,22nm,1.7s					
BUR08	Bucovina Ar. S	79.44	322	eP	P	07 26 59.9 +1.2
BUR08	comp-Z,22nm,1.7s					
TESR	Tescani	79.44	320	iP	P	07 27 00.1 +1.5
BURAR	Bucovina Array	79.45	322	iP	P	07 26 59.8 +1.1
BURAR	comp-Z,22nm,1.7s					
CFR	Carcaiu	79.52	319	iP	P	07 27 01.4 +2.5
CFR	comp-Z,22nm,1.7s					
DAU	Daniels Canyon	79.52	48	eP	P	07 27 00.9 +1.4
DAU	comp-Z,22nm,1.7s					
DAU	Daniels Canyon	79.52	48	eP	P	07 27 00.9 +1.4
DAU	comp-Z,22nm,1.7s					
TUQ	Turquoise Moun	79.53	54	P	P	07 27 00.4 +0.9
TUQ	comp-Z,22nm,1.7s					
BBRC	Big Bear Solar	79.55	55	P	P	07 27 00.8 +1.1
BBRC	baz=306					
HEC	Hector,Ludlow	79.61	55	P	P	07 27 01.2 +1.4
HEC	comp-Z,22nm,1.7s					
BR13	Keeskin Array S	79.75	312	eP	P	07 27 02.8 +2.3
BR13	comp-Z,22nm,1.7s					
BRTR	Keskin Array B	79.75	312	eP	P	07 27 01.8 +1.2
BRTR	comp-Z,2.5nm,0.7s,slow=10s,SNR=12					
BRTR	LR					
MURC	Murrieta	79.75	56	P	P	07 27 01.4 +0.9
MURC	comp-Z,108nm,18.0s,slow=40					
VRI	Vrincioaia	79.82	320	iP	P	07 27 03.0 +2.3
VRI	comp-Z,22nm,1.7s					
VRI	Vrincioaia	79.82	320	iP	P	07 27 03.0 +2.3
VRI	comp-Z,22nm,1.7s					
TIRR	Tirgusor	79.83	318	iP	P	07 27 13.7 +4.2
TIRR	comp-Z,22nm,1.7s					
TIRR	Tirgusor	79.83	318	iP	P	07 27 13.7 +4.2
TIRR	comp-Z,22nm,1.7s					
PLOR	Plostina	79.87	320	iP	P	07 27 04.3 +3.5
PLOR	comp-Z,22nm,1.7s					
PLOR	Plostina	79.87	320	iP	P	07 27 04.3 +3.5
PLOR	comp-Z,22nm,1.7s					
TCRU	Three Creeks R	79.88	50	eP	P	07 27 02.8 +1.3
TCRU	comp-Z,41nm,1.6s					
CCUT	Cedar Hill	79.94	51	eP	P	07 27 03.4 +1.7
CCUT	comp-Z,25nm,1.6s					
TLB	Topalu	79.95	318	iP	P	07 27 04.5 +3.2
TLB	comp-Z,25nm,1.6s					
TLB	Topalu	79.95	318	iP	P	07 27 04.5 +3.2
TLB	comp-Z,25nm,1.6s					
GMRC	Granite Mounta	80.09	54	P	P	07 27 03.5 +1.0
GMRC	baz=306					
MSZU	Shurtz Canyon	80.09	51	eP	P	07 27 04.2 +1.7
MSZU	comp-Z,25nm,1.6s					
MSU	Marysvale	80.11	50	eP	P	07 27 04.1 +1.5
MSU	comp-Z,25nm,1.6s					
DNR	Dunn Ranch,Anz	80.15	56	eP	P	07 27 02.4 +0.4
DNR	comp-Z,25nm,1.6s					
STHS	Stebnicka Huta	80.17	325	eP	P	07 27 04.3 +1.8
STHS	comp-Z,10.0nm,1.0s					
STHS	Stebnicka Huta	80.17	325	eP	P	07 27 04.3 +1.8
STHS	comp-Z,10.0nm,1.0s					
STHS	Stebnicka Huta	80.17	325	eP	P	07 27 04.3 +1.8
STHS	comp-Z,10.0nm,1.0s					
BR23	Keskin NP Arra	80.20	312	eP	P	07 27 03.3 +0.4
BR23	comp-Z,25nm,1.6s					
109C	Camp Elliot, M	80.22	57	P	P	07 27 04.3 +1.2
109C	baz=306					
TMUT	Trail Mountain	80.23	49	eP	P	07 27 04.9 +1.6
TMUT	comp-Z,27nm,1.0s,slow=4.1,SNR=29					
PFO	Pinyon Flats O	80.24	56	P	P	07 27 04.0 +0.8
PFO	comp-Z,27nm,1.0s,slow=4.1,SNR=29					
PFO	Pinyon Flats O	80.24	56	eP	P	07 27 04.5 +1.2
PFO	comp-Z,27nm,1.0s,slow=4.1,SNR=29					
TPFO	Pinon Flats	80.25	56	P	P	07 27 04.1 +0.8
TPFO	comp-Z,27nm,1.0s,slow=4.1,SNR=29					
OJC	Ojcow	80.28	326	eP	P	07 27 03.9 +0.9
OJC	comp-Z,27nm,1.0s,slow=4.1,SNR=29					
OJC	Ojcow	80.28	326	eP	P	07 27 04.0 +1.0
OJC	comp-Z,27nm,1.0s,slow=4.1,SNR=29					
LDFC	Landfair	80.28	54	eP	P	07 27 04.9 +1.4
LDFC	comp-Z,27nm,1.0s,slow=4.1,SNR=29					
BELC	Belle Mtn. Jos	80.33	55	P	P	07 27 04.1 +0.3
BELC	comp-Z,27nm,1.0s,slow=4.1,SNR=29					
LCMT	Little Creek M	80.34	51	eP	P	07 27 05.2 +1.5
LCMT	comp-Z,64nm,1.4s					
MTPU	Mount Pierson	80.39	50	eP	P	07 27 06.4 +2.1
MTPU	comp-Z,130nm,2.0s					
P17A	Butcher Ranch,	80.41	48	eP	P	07 27 05.9 +1.7
P17A	comp-Z,30nm,1.0s					
CRVS	Cervenica-Dubn	80.43	324	eP	P	07 27 04.8 +1.0
CRVS	comp-Z,30nm,1.0s					
CRVS	Cervenica-Dubn	80.43	324	eP	P	07 27 04.8 +1.0
CRVS	comp-Z,30nm,1.0s					
DOPR	Dopca	80.46	320	iP	P	07 27 06.2 +2.1
DOPR	comp-Z,111nm,20.0s,slow=38					
MLR	Muntele Rosu	80.48	320	iP	P	07 27 10.7 +6.3
MLR	comp-Z,111nm,20.0s,slow=38					
MLR	Muntele Rosu	80.48	320	iP	P	07 27 10.7 +6.3
MLR	comp-Z,111nm,20.0s,slow=38					
KNB	Kanab	80.61	51	eP	P	07 27 07.3 +2.0
KNB	comp-Z,133nm,1.5s					
KNB	Kanab	80.61	51	eP	P	07 27 07.3 +2.0
KNB	comp-Z,133nm,1.5s					
P16A	Preston Nutter	80.61	48	eP	P	07 27 05.5 +0.1
P16A	comp-Z,133nm,1.5s					
BAR	Barrett	80.64	57	eP	P	07 27 06.6 +1.2
BAR	comp-Z,42nm,1.1s					
PKCU	Pink Cliffs	80.67	51	eP	P	07 27 07.2 +1.4
PKCU	comp-Z,42nm,1.1s					
MONP	2 Monument Peak	80.69	56	P	P	07 27 06.4 +0.6
MONP	comp-Z,42nm,1.1s					
SRU	San Rafael Swe	80.76	48	eP	P	07 27 07.5 +1.4
SRU	comp-Z,23nm,0.8s					

SRU	San Rafael Swe	80.76	48	eP	P	07 27 07.5 +1.4
SRU	comp-Z,22nm,0.8s					
IRM	Iron Mountain	80.80	55	P	P	07 27 07.0 +0.8
IRM	baz=306					
K22U	Misses Mountai	80.85	49	eP	P	07 27 08.3 +1.7
K22U	comp-Z,22					

I32A	Karley and Nic baz=316	84.80	38	P	P	07 27 27.0	+0.3		
TUC	Tucson baz=309	84.82	54	P	P	07 27 27.5	+0.3		
TUC	Tucson	84.82	54	eP	pmx	07 27 28.5	+1.4		
TUC	comp=Z,22nm,0.9s Tucson	84.82	54	eP	P	07 27 28.5	+1.4		
G34A	Sensco baz=317	84.83	36	P	P	07 27 27.1	+0.3		
F35A	Swanville baz=317	84.89	35	P	P	07 27 27.3	+0.2		
C38A	Sawbill Land baz=320	85.00	32	P	P	07 27 27.6	0.0		
E36A	McGregor baz=318	85.02	34	P	P	07 27 27.7	0.0		
PERS	Pernice baz=318	85.03	326	i P	P	07 27 28.4	+0.5		
SOKA	Soboth comp=Z,17nm,0.8s,SNR=19	85.03	326	i P	P	07 27 28.6	+0.8		
J32A	Parkston baz=315	85.08	39	P	P	07 27 28.6	+0.5		
VAY	Valandovo baz=318	85.11	318	i P	P	07 27 31.0	+2.7		
I33A	Coleman baz=316	85.12	38	P	P	07 27 28.6	+0.2		
K31A	O'Neill baz=315	85.14	40	P	P	07 27 28.7	+0.3		
H34A	Spellman Lake baz=317	85.18	37	P	P	07 27 28.9	+0.3		
SKO	Skopje baz=317	85.27	319	i P	P	07 27 31.1	+2.0		
OBKA	Obir comp=Z,7.8nm,0.8s,SNR=5.5	85.38	326	i P	P	07 27 30.1	+0.5		
F36A	Milaca baz=318	85.38	35	P	P	07 27 29.7	+0.1		
G35A	Watkins baz=318	85.40	36	P	P	07 27 29.8	+0.1		
L31A	Butterfield Fa baz=315	85.41	40	P	P	07 27 30.0	+0.1		
C39A	Grand Marais baz=320	85.42	32	P	P	07 27 29.9	+0.2		
ECSD	EROS Data Cent baz=316	85.44	38	P	P	07 27 30.0	0.0		
ECSD	EROS Data Cent comp=Z,27nm,1.4s	85.44	38	eP	P	07 27 30.3	+0.4		
MEH	Meheta comp=Z,33nm,0.3s	85.46	115	eT	T	09 01 34.0			
KBA	Koelnbreinsper comp=Z,11nm,0.7s,SNR=9.5	85.49	327	i P	P	07 27 30.9	+0.6		
KSCO	Kaye Shedlock baz=313	85.51	44	P	P	07 27 30.5	0.0		
K32A	Verdige baz=315	85.52	39	P	P	07 27 30.3	0.0		
J33A	Davis baz=316	85.56	38	P	P	07 27 30.9	+0.4		
I34A	Hadley baz=317	85.60	37	P	P	07 27 30.8	+0.1		
H35A	Sunnyside Ranc baz=317	85.62	36	P	P	07 27 31.2	+0.4		
MEM	Membach comp=Z,13nm,1.2s	85.69	333	P	P	07 27 32.0	+1.0		
MYKA	Terra Mystica comp=Z,11nm,0.8s	85.70	327	i P	P	07 27 31.3	0.0		
T25A	Trinidad baz=312	85.72	47	P	P	07 27 31.8	+0.1		
G36A	St. Michael baz=318	85.74	35	P	P	07 27 31.7	+0.3		
LJU	Ljubljana	85.74	326	eP	P	07 27 32.3	+0.9		
VISS	Visnje	85.78	326	i P	P	07 27 31.5	0.0		
EOJS	Gojanci	85.81	325	i P	P	07 27 32.9	+1.2		
LAZ	Ladron	85.84	50	P	P	07 27 33.9	+1.6		
ANMO	Albuquerque baz=311	85.92	50	P	P	07 27 32.7	0.0		
ANMO	Albuquerque comp=Z,26nm,1.7s	85.92	50	d i P	pmx	07 27 33.5	+0.8		
ANMO	Albuquerque comp=Z,18nm,1.1s	85.92	50	eP	P	07 27 34.1	+1.4		
M31A	Lambrecht Ranc baz=312	85.92	41	P	P	07 27 32.4	0.0		
STU	Stuttgart comp=Z,34nm,1.0s	85.93	330	eP	pmx	07 27 33.3	+1.0		
STU	Stuttgart comp=Z,34nm,1.0s	85.96	40	P	P	07 27 32.6	0.0		
K33A	Hardington baz=312	85.96	39	P	P	07 27 33.0	0.0		
JAYS	Javornik	86.06	326	i P	P	07 27 32.2	-0.8		
PDG	Podgorica	86.09	321	i P	P	07 27 34.8	+1.7		
B34A	George baz=317	86.10	38	P	P	07 27 33.5	+0.3		
J34A	Clavier comp=Z,18nm,2.2s	86.10	333	P	P	07 27 34.0	+0.9		
ABTA	Abfaltersbach comp=Z,6.6nm,0.8s	86.11	327	i P	P	07 27 33.1	-0.2		
H36A	Jessenland, He baz=318	86.14	36	P	P	07 27 33.6	+0.3		
I35A	Creekview Farm baz=317	86.16	37	P	P	07 27 33.6	+0.1		
SPMM	Marine on St. baz=319	86.19	35	P	P	07 27 33.7	+0.1		
Y22D	IRIS PASSCAL I baz=311	86.19	50	P	P	07 27 34.0	0.0		
OHR	Ohrid	86.22	319	i P	P	07 27 37.4	+3.5		
LPM	Los Pinos Moun	86.22	50	eP	P	07 27 35.1	+0.9		
RETA	Reutte comp=Z,24nm,1.1s	86.30	329	eP	P	07 27 34.1	-0.1		
N31A	Bailey Ranch, baz=315	86.30	41	P	P	07 27 34.3	+0.1		
BGNE	Belgrade baz=315	86.31	40	P	P	07 27 34.3	0.0		
LANF	Langenberg baz=315	86.32	331	eP	P	07 27 34.9	+0.7		
BNN	Barren Site baz=318	86.33	50	eP	P	07 27 36.2	+1.4		
TRI	Trieste	86.34	326	eP	pmx	07 27 34.4	+0.1		
TRI	Trieste comp=Z,10.0nm,0.8s	86.34	326	eP	pmx	07 27 34.4	+0.1		
CWF	Charmwood Fore comp=Z,10.0nm,0.8s	86.36	338	eP	P	07 27 35.5	+1.2		
319A	Douglas comp=Z,42nm,1.3s	86.40	54	eP	P	07 27 35.7	+0.7		
WLF	Walferdange comp=Z,21nm,1.0s	86.40	333	P	P	07 27 36.9	+2.4		
WLF	Walferdange comp=Z,29nm,1.8s	86.40	333	eP	pmx	07 27 36.5	+1.9		
WLF	Walferdange comp=Z,53nm,1.5s	86.40	333	eP	P	07 27 36.5	+1.9		
J35A	Milford baz=317	86.43	37	P	P	07 27 35.0	+0.2		
K34A	Le Mars baz=317	86.46	38	P	P	07 27 35.0	0.0		
I36A	Fitzsimmons Fa baz=318	86.52	36	P	P	07 27 35.3	0.0		
O31A	Woolen Ranch, baz=315	86.57	42	P	P	07 27 35.7	+0.1		
H37A	Dierke Farm, C baz=319	86.62	35	P	P	07 27 35.8	+0.1		
DOU	Dourbes comp=Z,12nm,2.0s	86.63	334	P	P	07 27 36.1	+0.5		
BFO	Black Forest comp=Z,22nm,1.0s	86.63	331	i P	P	07 27 36.6	+0.8		
BFO	Black Forest comp=Z,22nm,1.0s	86.63	331	eP	P	07 27 36.5	+0.5		
121A	Cookes Peak, D baz=310	86.64	52	P	P	07 27 36.5	+0.2		
FETA	Feichten comp=Z,11nm,1.0s	86.67	328	i PcP	PcP	07 27 38.1	-0.4		
M33A	Taylor Creek F baz=316	86.70	40	P	P	07 27 36.4	+0.2		
HSIG	comp=Z,25nm,1.3s	86.77	57	eP	P	07 27 37.5	+0.7		
I37A	Lemond, Waseca baz=318	86.81	36	P	P	07 27 36.9	+0.2		
DAVA	Damuels comp=Z,24nm,1.3s	86.83	329	eP	P	07 27 37.3	+0.4		
L34A	Svendsen Farm, baz=316	86.84	39	P	P	07 27 37.0	+0.2		
J36A	Seneca 1, Swea baz=318	86.87	37	P	P	07 27 37.1	+0.2		
K35A	Storm Lake baz=317	86.87	38	P	P	07 27 37.0	0.0		
WLS	Weischbruch baz=317	86.96	331	eP	P	07 27 37.9	+0.5		
SCHO	Schefferville comp=Z,11nm,0.8s,baz=359,slow=5.6,SNR=10	87.05	16	eP	LR	07 27 38.1	+0.5		
SCHO	comp=Z,242nm,20.1s,baz=312,slow=37	87.05	16	eP	LR	08 08 49.5			
SCHO	Schefferville comp=Z,16nm,0.9s	87.06	41	P	P	07 27 38.7	+1.1		
O32A	Brockman Farm, baz=315	87.06	41	P	P	07 27 38.0	0.0		
L35A	Bielow Farm, R baz=317	87.16	38	P	P	07 27 38.4	0.0		
COWI	Conover comp=Z,19nm,1.1s	87.18	32	eP	P	07 27 38.8	+0.3		
FUORN	Ofenpass-Fuorn comp=Z,18nm,0.9s	87.19	328	eP	P	07 27 39.6	+0.8		
ECH	Echery baz=317	87.19	331	eP	P	07 27 38.6	+0.1		
J37A	Redenius Farm, baz=314	87.27	37	P	P	07 27 39.1	+0.2		
CBKS	Cedar Bluff baz=314	87.28	43	P	P	07 27 39.2	+0.2		
CBKS	Cedar Bluff comp=Z,59nm,1.2s	87.28	43	eP	pmx	07 27 39.0	-0.1		
CBKS	Cedar Bluff comp=Z,59nm,1.2s	87.28	43	eP	P	07 27 39.0	-0.1		
I38A	Scanlan Farm, baz=319	87.31	35	P	P	07 27 39.1	+0.1		
K36A	Gilmore City baz=318	87.32	37	P	P	07 27 39.2	0.0		
P32A	Huiting Farm, baz=315	87.34	42	P	P	07 27 39.3	0.0		
MOF	Molkenrain baz=317	87.50	331	eP	P	07 27 40.2	+0.2		
M35A	Neola baz=317	87.55	39	P	P	07 27 40.5	+0.2		
O33A	Hebron baz=316	87.56	41	P	P	07 27 40.5	+0.1		
N34A	Lincoln baz=316	87.59	40	P	P	07 27 40.5	0.0		
L36A	Harm Buss Farm baz=318	87.61	38	P	P	07 27 41.0	+0.4		
K37A	Belmond baz=318	87.63	37	P	P	07 27 41.1	+0.5		
THEF	They Montfort H40A	87.64	332	eP	P	07 27 40.4	-0.2		
H40A	Chil baz=320	87.77	34	P	P	07 27 41.7	+0.4		
J38A	Wedel Dairy, R baz=319	87.78	36	P	P	07 27 41.6	+0.2		
Q32A	Meitler Ranch, baz=315	87.81	42	P	P	07 27 41.7	+0.1		
IDI	Anoyia comp=Z,77nm,20.6s,baz=77,slow=38	87.92	313	LR	LR	08 10 17.4			
TBI	Tubuaj comp=Z,204nm,21.8s	87.92	121	eLR	LR	07 56 02.2			
TBI	Tubuaj comp=Z,13nm,0.3s	87.92	121	eT	T	09 04 36.4			
P33A	Williams Farm, baz=316	87.96	41	P	P	07 27 42.5	+0.2		
O34A	Beatrice baz=316	87.96	40	P	P	07 27 42.2	-0.1		
M36A	Felix, Anita baz=318	88.02	38	P	P	07 27 42.8	+0.3		
N35A	Tabor baz=317	88.02	39	P	P	07 27 42.8	+0.2		
LOMF	Longmont baz=317	88.02	331	eP	P	07 27 42.8	+0.3		
L37A	Phoenix Point, baz=318	88.05	37	P	P	07 27 42.6	-0.1		
R32A	Long Quarter, baz=319	88.12	43	P	P	07 27 43.1	0.0		
J39A	Decorah baz=319	88.14	36	P	P	07 27 43.1	0.0		
K38A	Parkersburg baz=319</								

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

ISCJB 06 07:23:30.7±0.9,24:15N:0:02-122:36E:0:02,h11km,gkm, Error ellipse: s-maj=3.5km s-min=2.3km az=168.7 JMA 06 07:23:30.2±0.1,24:12N:122:33E,h15km,2km,M3.4 JAP 06 07:23:30.2±0.1,24:17N:122:26E,h9km,ML3.5,D ISC 06 07:23:30.3±1.0,24:10N:0:02-122:36E:0:02,h13km,9km,n46,c082/81,Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

SJA 06 07:17:38.5±0.6,24:17S:67:20W,h230km±27km,ML3.5,MW3.0 ISCJB 06 07:17:41.5±0.9,24:40S:0:05-67:2W:0:3,h169km, Error ellipse: s-maj=38.8km s-min=6.6km az=5.5 IDC 06 07:17:45.5±1.0,23:96S:66:52W,h167km,129km, mb1 3.8/2,mb1mx3.3/27,mbtmp4.1/2,ML4.4/2, Error ellipse: s-maj=34.1km s-min=28.5km az=94.0 ISC 06 07:17:40.9±1.1,24:35S:0:06-67:1W:0:2,h169km,n15,c222/23,Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Variance, Elevation Variance, Azimuth Covariance, Elevation Covariance, Azimuth Correlation, Elevation Correlation, Azimuth Covariance Matrix, Elevation Covariance Matrix, Azimuth Correlation Matrix, Elevation Correlation Matrix, Azimuth Bias Matrix, Elevation Bias Matrix, Azimuth Variance Matrix, Elevation Variance Matrix.

IDC 06 07:22:33.9±1.3,36:01S:73:89W,h0km,mb3.7/5, mb1 3.9/2,mb1mx3.8/29,mbtmp3.7/6,ML3.0/1,MS3.0/2, Ms1 2.9/2,ms1mx2.7/18, Error ellipse: s-maj=49.0km s-min=23.2km az=79.0 GUC 06 07:22:35.6±0.4,35:92S:73:40W,h22km,2km,ML4.0 ISC 06 07:22:35.8±0.9,36:00S:0:04-73:33W:0:09,h21km,4km,n31,c210/36,mb3.9/4,11D,Off coast of central Chile

Table with 5 columns: Station Name, Time, Res, and other details for stations like KMRS, HCB, GULA, etc.

Table with 5 columns: Station Name, Time, Res, and other details for stations like FINES, FINESS, etc.

Table with 5 columns: Station Name, Time, Res, and other details for stations like TAU, PPT, PPT, etc.

ISCJB 06 10:35:00.7, 0.7, 36.91N, 104.3459E, h0km, mb4.1/5, m1 4.3/5, mb1mx3.9/29, mbtmp4.2/5, ML4.3/1, MS3.3/2, Ms1 3.3/2, ms1mx3.9/24, Error ellipse: s-maj=54.6km s-min=27.8km az=144.0, Kermadec Islands region

Main table with 5 columns: Code, Station Name, Time, Res, and other details for stations like RAO, RAO, RAO, etc.

Main table with 5 columns: Code, Station Name, Time, Res, and other details for stations like ASO1, AS31, ASAR, etc.

Table with 5 columns: Code, Station Name, Time, Res, and other details for stations like MERS, MERS, MERS, etc.

ISC 06 11:22:57.8, 3.2, 36.25S, 97.16W, h0km, mb4.1/6, m1 4.4/6, mb1mx4.2/26, mbtmp4.1/6, MS3.7/13, Ms1 3.7/13, ms1mx3.5/29, Error ellipse: s-maj=78.7km s-min=27.3km az=26.0, West Chile Rise

ISC 06 11:40:52.6, 1.2, 33.135S, 0.07W, 0.7W, 0.47W, h11km, 8km, Error ellipse: s-maj=13.6km s-min=7.3km az=138.3

Main table with 5 columns: Code, Station Name, Time, Res, and other details for stations like PLCA, PLCA, USHA, etc.

Main table with 5 columns: Code, Station Name, Time, Res, and other details for stations like CD2, HHC, HHC, etc.

ISC 06 10:38:12.9, 1.4, 31.88S, 177.80W, h0km, mb4.1/5, m1 4.2/7, mb1mx3.9/33, mbtmp4.1/7, ML3.9/2, MS3.5/9, Ms1 3.5/9, ms1mx3.3/32, Error ellipse: s-maj=46.6km s-min=24.1km az=133.0

ISC 06 11:23:28.8, 3.1, 25S, 179.54W, h35km, mb5.1/8, Ms5.2/3, Ms7.4/2

ISC 06 11:40:52.6, 1.2, 33.135S, 0.07W, 0.7W, 0.47W, h11km, 8km, Error ellipse: s-maj=13.6km s-min=7.3km az=138.3

Main table with 5 columns: Code, Station Name, Time, Res, and other details for stations like RAO, RAO, RAO, etc.

ISC 06 11:23:29.0, 7.1, 31.91S, 179.47W, h41.0, h61km, n73, az=287.48, mb4.7/20, 1.0, Kermadec Islands region

ISC 06 11:40:52.6, 1.2, 33.135S, 0.07W, 0.7W, 0.47W, h11km, 8km, Error ellipse: s-maj=13.6km s-min=7.3km az=138.3

Table with 5 columns: Code, Station Name, Time, Res, and other details for stations like MEX, MEX, MEX, etc.

Main table with 5 columns: Code, Station Name, Time, Res, and other details for stations like RAO, RAO, RAO, etc.

Main table with 5 columns: Code, Station Name, Time, Res, and other details for stations like PEL, PEL, PEL, etc.

Table with 5 columns: Code, Station Name, Time, Res, and other details for stations like H11N2, H11N1, H11N3, etc.

ISC 06 10:42:37.5, 3.2, 31.386S, 177.87W, h0km, mb3.6/4, m1 3.8/4, mb1mx3.4/5, mbtmp3.5/3, ML3.4/1, Error ellipse: s-maj=74.6km s-min=46.4km az=120.0, Kermadec Islands region

ISC 06 11:40:52.6, 1.2, 33.135S, 0.07W, 0.7W, 0.47W, h11km, 8km, Error ellipse: s-maj=13.6km s-min=7.3km az=138.3

Main table with 5 columns: Code, Station Name, Time, Res, and other details for stations like URZ, URZ, URZ, etc.

Main table with 5 columns: Code, Station Name, Time, Res, and other details for stations like ARMA, ARMA, ARMA, etc.

Main table with 5 columns: Code, Station Name, Time, Res, and other details for stations like ROC1, ROC1, ROC1, etc.

6d 12h

2011 AUG

286

ISCJB 06 11:42:39.4,0.8,20.74S,0.10,177.6W,0.1,h350km, mb3.7/3, Error ellipse: s-maj=19.6km s-min=8.6km az=36.7

ISC 06 11:42:40.0,1.0,20.8S,0.1x177.4W,0.1,h350km,n7, z=277.9,mb4.0/3,Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

9.5mm,1.4s GYA Guiyang 86.52 300 eP P 12 05 13.00 -0.6

ISC 06 11:53:26.2,1.4,21.26S,178.63W,h525km,14km, mb3.6/16, mb1.3, 3.8/17, mb1mx3.7/24, mbtmp4.5/17, Error ellipse: s-maj=15.3km s-min=11.8km az=123.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like SNAA Sanae, VNA3 Neumayer Olymp, CAST Castle Rocks, etc.

WTTA Wattenberg 152.96 344 i PKPbc PKPbc 12 12 22.3 -0.8

DDA 06 11:56:28.3,37.58N,27.54E,h7km,Md2.9 CSEM 06 11:56:29.2,0.2,37.59N,27.58E,h2km,MD2.9, Error ellipse: s-maj=7.3km s-min=4.5km az=89.0

ISC 06 11:56:29.4,37.57N,27.65E,h9km,MD2.6 ISC 06 11:56:29.0,1.1,37.57N,0.03,27.57E,0.03,h5km,12km, n20,0,919/28,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like GCAM G?zelcam!, MLSB Milas, AYBD Zeytinokoy-Aydi, etc.

ISCJB 06 12:08:27.8,0.5,37.04N,0.04,28.51E,0.04,h0km, Error ellipse: s-maj=6.0km s-min=3.8km az=23.2

DDA 06 12:08:28.3,37.03N,28.51E,h8km,MD2.9 ISC 06 12:08:28.1,0.8,37.04N,0.03,28.49E,0.02,h0km,n32, r1940/44,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like TURN Turunc, DALY Dalyan (Mu'la), MLSB Milas, etc.

ISC 06 12:18:07.4,2.4,7.07S,128.06E,h0km,mb3.9/1, mb1.4,3/3,mb1mx3.7/21,mbtmp6.1/3,ML4.3/2,MS4.1/1, Ms1.4.1/1,ms1mx2.8/24, Error ellipse: s-maj=279.6km s-min=30.7km az=65.0, Banda Sea

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

NIED 06 12:37:00,36.10N,141.40E,h20km,Mw4.1 Best double couple: Mb1.7300x0.1019, NP1.3290,00000, r335,00000, r760,00000, NP2.144,0000, r860,0000, r109,00000

ISC 06 12:37:41.4,0.7,36.10N,141.25E,h0km,mb4.0/15, mb1.4,1/18,mb1mx1.0/42,mbtmp3.9/18,ML2.5/2,MS3.2/3, Ms1.3,3/3,ms1mx2.9/32, Error ellipse: s-maj=1.9,1.3km s-min=16.2km az=95.0

ISCJB 06 12:37:43.1,0.8,36.05N,0.03,141.38E,0.05,h20km,5km, mb4.2/25,MS3.1/2, Error ellipse: s-maj=6.3km s-min=4.6km az=19.5

JMA 06 12:37:43.9,0.1,36.05N,141.30E,h40km,2km,M4.1 JMA Felt I J1

NEIC 06 12:37:43.1,0.3,36.06N,141.25E,h10km,mb4.4/6, Error ellipse: s-maj=8.5km s-min=6.2km az=119.0

MOS 06 12:37:44.6,1.2,35.93N,141.31E,h35km,mb4.5/17, Error ellipse: s-maj=11.0km s-min=7.8km az=101.6

ISC 06 12:37:43.0,1.5,36.07N,0.04,141.36E,0.05,h8km,9km, n73,r14679,mb4.3/25,7C-4D, Near east coast of eastern Honshu

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

BS03	Boso 3	1.45 209	P	Pn	12 38 08.7 -0.5
BS01	Boso 1	1.45 193	P	Pb	12 38 09.3 -0.6
MJAR	Matsushiro Arr	2.59 281	Pn	Pn	12 38 24.1 -1.1
7.9nm,0.3s,baz=111,slow=7.7,SNR=18					
MJAR	Matsushiro	11.0m,0.3s,baz=83,slow=20,SNR=6.1	Sn	Sn	12 38 55.2 -1.8
MAJO	Matsushiro	2.59 281	eP	Pn	12 38 24.7 -0.5
MAJO	Matsushiro	2.59 281	eP	Pn	12 38 24.8 -0.5
MAJO	Matsushiro	2.59 281	eP	Pn	12 38 24.9 -0.5
MAT	Matsushiro	2.59 281	eP	Pn	12 38 24.5 -0.8
MAT	Matsushiro	2.59 281	eP	Pn	12 38 24.6 -0.8
JHU2	Mitsune	3.22 204	ePn	Pn	12 38 32.9 -0.9
JHU2	Mitsune	3.22 204	ePn	Pn	12 39 10.6 -1.8
JHU	Hachijo jima 2	3.22 204	ePn	Pn	12 38 35.3 +1.4
29nm,0.3s,baz=84,slow=19,SNR=7.6					
JHU	Hachijo jima 2	3.22 204	ePn	Pn	12 39 10.8 -1.6
ERM	Erimo	6.10 13	eP	Pn	12 39 15.7 +2.3
ERM	Erimo	6.10 13	eP	Pn	12 39 12.4 -1.0
ERM	Erimo	6.10 13	eP	Pn	12 40 21.2 -2.1
ASAJ	Asahikawa	8.09 6	ePn	Pn	12 39 39.8 -1.0
baz=215,slow=9.4					
ASAJ	Asahikawa	8.09 6	ePn	Pn	12 41 09.7 -2.7
0.3nm,0.3s,baz=135,slow=20,SNR=2.8					
ASAJ	Asahikawa	8.09 6	ePn	Pn	12 39 39.8 -1.0
0.7nm,0.7s					
ASAJ	Asahikawa	8.09 6	ePn	Pn	12 41 09.7 -2.7
KUR	Kuril'sk	10.40 26	eP	Pn	12 40 12.8 +0.4
USRK	Ussuriysk Ar.	10.83 321	Pn	Pn	12 40 19.4 +1.1
0.1nm,0.3s,baz=140,slow=14,SNR=1.9					
KSR5	Korea Array	10.87 281	Pn	Pn	12 40 22.3 +3.4
0.1nm,0.3s,baz=98,slow=14,SNR=5.1					
KSR5	Korea Array	10.87 281	Pn	Pn	12 44 24.2
comp=Z,163nm,19.1s,baz=112,slow=37					
KSAR	Wonju Array Be	10.90 281	P	Pn	12 40 22.3 +3.0
KSAR	Wonju Array Be	10.90 281	P	Pn	12 40 22.3 +3.0
KLR	Kul'dur	14.91 335f	eP	Pn	12 41 16.6 +2.5
SKR	Sever-Kuril's	18.07 31j	eP	Pn	12 41 55.4 +0.7
PETK	Petropavlovsk	20.54 29	eP	Pn	12 42 23.1 +1.3
2.1nm,0.8s,baz=184,slow=9.9,SNR=4.9					
PETK	Petropavlovsk	20.54 29	eP	Pn	12 42 56.4
comp=Z,36nm,21.0s,baz=236,slow=36					
PETK	Petropavlovsk	20.54 29	eP	Pn	12 42 56.4
comp=Z,4.0nm,1.1s					
PETK	Petropavlovsk	20.54 29	eP	Pn	12 42 56.4
comp=Z,36nm,21.0s					
PET	Petropavlovsk	20.86 30	eP	P	12 42 26.1 +0.9
PET	Petropavlovsk	20.86 30	eP	P	12 42 26.1 +0.9
comp=Z,2.3nm,1.3s					
PET	Petropavlovsk	20.86 30	eP	P	12 42 26.1 +0.9
comp=Z,2.3nm,1.3s					
MA2	Magadan	24.30 12	P	P	12 43 00.4 -0.4
comp=Z,1.6nm,0.9s,baz=150,slow=16,SNR=3.7					
MA2	Magadan	24.30 12j	eP	P	12 43 02.8 +2.0
YAK	Yakutsk	27.00 348	eP	P	12 43 23.9 -1.2
YAK	Yakutsk	27.00 348	eP	P	12 43 23.9 -1.2
comp=Z,6.0nm,0.9s					
YAK	Yakutsk	27.00 348	eP	P	12 43 23.9 -1.2
comp=Z,6.2nm,0.9s					
H11N2	WAKE ISLAND Hy	27.70 119	T	T	13 12 30.8
baz=311,slow=75,SNR=157					
H11N1	WAKE ISLAND Hy	27.71 119	T	T	13 12 33.7
baz=311,slow=75,SNR=157					
H11N3	WAKE ISLAND Hy	27.72 119	T	T	13 12 37.6
baz=311,slow=75,SNR=161					
SEY	Seymchan	27.74 11	P	P	12 43 33.0 +1.2
comp=Z,4.8nm,0.7s,baz=270,slow=20,SNR=5.0					
SEY	Seymchan	27.74 11j	eP	P	12 43 35.5 +1.7
SONM	Songino Array	28.30 305	P	P	12 43 35.7 -1.4
comp=Z,0.6nm,0.6s,baz=100,slow=7.7,SNR=2.1					
H11S1	WAKE ISLAND Hy	28.38 121	T	T	13 13 26.1
baz=311,slow=75,SNR=32					
H11S3	WAKE ISLAND Hy	28.39 121	T	T	13 13 19.9
baz=311,slow=75,SNR=232					
H11S2	WAKE ISLAND Hy	28.40 121	T	T	13 13 31.0
baz=311,slow=75,SNR=232					
BILL	Bilibino	34.96 16	eP	P	12 44 38.2 +3.0
BILL	Bilibino	34.96 16	eP	P	12 44 38.2 +3.0
comp=Z,3.0nm,1.0s					
ZALV	Zalesovo Beam	42.54 313	P	P	12 45 38.5 -0.4
comp=Z,2.2nm,0.6s,baz=99,slow=7.0,SNR=6.7					
ZALV	Zalesovo Beam	42.54 313	P	P	12 47 30.9 -0.4
comp=Z,0.7nm,0.3s,baz=108,slow=4.7,SNR=3.2					
MKAR	Makanchi Array	44.60 303	P	P	12 45 56.1 +0.4
comp=Z,1.1nm,0.7s,baz=95,slow=10,SNR=3.2					
KURK	Kurchatov	46.50 309f	eP	Pn	12 46 09.4 -1.2
KURK	Kurchatov	46.50 309f	eP	Pn	12 46 09.4 -1.2
comp=Z,9.0nm,0.7s					
KURK	Kurchatov	46.50 309f	eP	Pn	12 46 09.4 -1.2
comp=Z,4.8nm,0.9s					
KDKA	Kodiak Island	47.44 41	iP	P	12 46 21.6 +0.6
ILAR	Eielson Array	50.33 32	P	P	12 46 40.5 +0.5
comp=Z,1.5nm,0.7s,baz=263,slow=6.6,SNR=20					
WRAB	Tennant Creek	56.09 188f	eP	P	12 47 20.6 -2.2
WRAB	Tennant Creek	56.09 188f	eP	P	12 47 22.1 -0.7
comp=Z,1.3nm,0.4s					
WRA	Warramunga Arr	56.10 188	P	P	12 47 21.7 -1.2
comp=Z,2.1nm,0.7s,baz=53,slow=7.7,SNR=19					
ARU	Arti	57.06 319	iP	P	12 47 28.8 -0.5
ARU	Arti	57.06 319	iP	P	12 48 19.9
ARU	Arti	57.06 319	iP	P	12 49 34.0
ARU	Arti	57.06 319	iP	P	12 55 23.5 -0.5
ARU	Arti	57.06 319	iP	P	12 59 11.2 -0.9
comp=Z,3.0nm,0.7s					
ARU	Arti	57.06 319	iP	P	12 47 29.1 -0.2
comp=Z,8.8nm,0.9s					
ABKAR	Abkudlak Array	58.53 311	eP	P	12 47 39.4 -0.5
comp=Z,2.8nm,0.7s					
ASAR	Alice Springs	59.83 188	P	P	12 47 47.8 -1.2
comp=Z,1.1nm,0.7s,baz=10,slow=8.8,SNR=12					
OBN	Obninsk	68.84 323	eP	P	12 48 49.2 +1.5
OBN	Obninsk	68.84 323	eP	P	12 48 49.2 +1.5
comp=Z,3.0nm,1.0s					
FINES	FINESS Array B	69.65 332	P	P	12 48 52.0 -0.6
comp=Z,3.1nm,0.8s,baz=83,slow=6.3,SNR=7.7					
FINES	FINESS Array B	69.65 332	P	P	12 48 53.0 +0.4
comp=Z,3.0nm,0.8s					
KIV	Kislovodsk	71.51 311j	eP	P	12 49 05.3 +0.9
KIV	Kislovodsk	71.51 311j	eP	P	12 49 05.3 +0.9
comp=Z,6.0nm,0.8s					
ANN	Anapa	74.17 314	eP	P	12 49 14.0 -6.1
comp=Z,3.9nm,1.1s					
FFC	Filin Flon	74.54 33	iP	P	12 49 23.8 +1.7
AKASG	Malin Array Be	75.03 322	P	P	12 49 24.1 -0.9
comp=Z,2.1nm,0.6s,baz=47,slow=6.0,SNR=9.7					
AKASG	Malin Array Be	75.03 322	P	P	12 49 24.5 -0.5
comp=Z,2.0nm,0.6s					
KIEV	Kiev	75.05 322f	eP	P	12 49 24.3 -0.7
KIEV	Kiev	75.05 322f	eP	P	12 49 24.3 -0.7
comp=Z,7.0nm,1.9s					
NB2	NORSAR Subarra	75.06 337	P	P	12 49 24.9 -0.1
comp=Z,3.1nm,0.8s,baz=261,slow=6.2					
NOA	NORSAR Array B	75.06 337	P	P	12 49 24.6 -0.5
comp=Z,2.6nm,0.7s,baz=40,slow=5.7,SNR=8.3					
NOA	NORSAR Array B	75.06 337	P	P	13 25 47.0
comp=Z,2.1nm,1.8s,baz=35,slow=36					
IMW	Indian Meadow	76.88 45	P	P	12 49 37.8 +1.7
comp=Z,2.0nm,1.0s					
PDAR	Pinedale Array	78.37 45	P	P	12 49 44.9 +0.5
comp=Z,0.7nm,0.6s,baz=261,slow=1.7,SNR=9.8					
CRVS	Cervencia-Dubn	79.98 324	eP	P	12 49 55.4 +2.7
CRVS	Cervencia-Dubn	79.98 324	eP	P	12 49 55.4 +2.7
GRVES	GRESS Array B	83.51 328	P	P	12 50 09.6 -1.8
comp=Z,0.4nm,0.7s,baz=32,slow=4.7,SNR=4.9					
TXAR	Lajitas Array	90.74 52	P	P	12 50 47.2 +0.3
comp=Z,4.0nm,0.7s,baz=293,slow=3.3,SNR=6.4					
LPAZ	La Paz	147.21 61	PKPbc	PKPbc	12 57 28.1 -0.1
comp=Z,1.6nm,0.6s,baz=33,slow=4.3,SNR=8.3					

After WEL.
WEL 06 12:40:14.6,0.3,38.363S;175.87E,h157km,2km,ML0.3/56,
Mw4.4, Error ellipse: s-maj=1.4km s-min=1.1km az=95.0,
intensity MM 4.

WEL FEL between Bay of Plenty, Wellington and Gisborne,
maximum reported.

ISC 06 12:40:13.0,0.6,38.535S;0.04,175.78E;0.04,h172km,4km,
n270,s146/286,mb4.3/52C-16D, North Island

Code	Station Name	mb ⁴ AZ ²	Phase	ISC	Time	Res
					h	s-c
KUTZ	Kaahu Road	0.05 44	On	Pn	12 40 35.7 -0.5	
KUTZ	Kaahu Road	0.05 44	↑Pn	Pn	12 40 35.7 -0.5	
WATZ	Wairara	0.19 191	↑Pn	Pn	12 40 36.3 0.0	
WATZ	Wairara	0.19 191	↑Pn	Pn	12 40 36.3 0.0	
TLZ	Tolley Road	0.27 316	Pn	Pn	12 40 35.7 -0.9	
TLZ	Tolley Road	0.27 316	↑Pn	Pn	12 40 36.5 -0.5	
WRPZ	Whakapapatarin	0.30 89	↑Pn	Pn	12 40 35.9 -0.7	
WRPZ	Whakapapatarin	0.30 89	↑Pn	Pn	12 40 35.9 -0.7	
GRRZ	Galatos Road	0.31 56	↑Pn	Pn	12 40 35.8 -0.8	
GRRZ	Galatos Road	0.31 56	↑Pn	Pn	12 40 35.7 -1.7	
Rangitukua		0.34 181	SN	SN	12 40 37.5 +0.4	
RAITZ	Rangitukua	0.34 181	PN	Pn	12 40 36.5 -0.2	
HRHZ	Handcock Road	0.42 71	↑Pn	Pn	12 40 36.1 -0.9	
HRHZ	Handcock Road	0.42 71	↑Pn	Pn	12 40 36.1 -0.9	
HRHZ	Handcock Road	0.42 71	↑Pn	Pn	12 40 36.1 -0.9	
HAITZ	Hinemaiaia	0.44 146	PN	Pn	12 40 36.8 -0.2	
HAITZ	Hinemaiaia	0.44 146	PN	Pn	12 40 36.8 -0.2	
ALRZ	Allen Road	0.44 95	PN	Pn	12 40 36.0 -1.0	
ALRZ	Allen Road	0.44 95	PN	Pn	12 40 36.0 -1.0	
KATZ	Kakaramea	0.45 188	PN	Pn	12 40 37.5 +0.3	
KATZ	Kakaramea	0.45 188	PN	Pn	12 40 37.5 +0.3	
RITZ	Rihia Road	0.46 172	PN	Pn	12 40 37.5 +0.4	
RITZ	Rihia Road	0.46 172	PN	Pn	12 40 37.5 +0.4	
UTU	Utuhina	0.48 43	PN	Pn	12 40 36.2 -0.9	
UTU	Utuhina	0.48 43	↑PN	Pn	12 40 36.2 -0.9	
PRRZ	Plateau Road	0.48 87	PN	Pn	12 40 36.1 -1.0	
PRRZ	Plateau Road	0.48 87	PN	Pn	12 40 36.1 -1.0	
PRRZ	Plateau Road	0.48 87	PN	Pn	12 40 36.1 -1.0	
HLRZ	Highlands Stat	0.53 59	ePN	Pn	12 40 36.8 -0.6	
KRVZ	Karewarewa	0.58 191	PN	Pn	12 40 38.2 +0.5	
KRVZ	Karewarewa	0.58 191	PN	Pn	12 40 38.2 +0.5	
MRHZ	Matea Rd	0.59 122	↑PN	Pn	12 40 37.2 -0.5	
MRHZ	Matea Rd	0.59 122	↑PN	Pn	12 40 37.2 -0.5	
RRRZ	Republican Roa	0.61 72	PN	Pn	12 40 36.6 -1.2	
RRRZ	Republican Roa	0.61 72	↑PN	Pn	12 40 36.6 -1.2	
TRWZ	Taurewa	0.61 206	PN	Pn	12 40 38.5 +0.6	
TRWZ	Taurewa	0.61 206	PN	Pn	12 40 38.5 +0.6	
TRWZ	Taurewa	0.61 206	PN	Pn	12 40 38.5 +0.6	
TRWZ	Taurewa	0.61 206	PN	Pn	12 40 38.5 +0.6	
KARZ	Kaharoa	0.62 36	PN	Pn	12 40 36.6 -1.2	
KARZ	Kaharoa	0.62 36	PN	Pn	12 40 36.6 -1.2	
OMRZ	Omania	0.63 48	PN	Pn	12 40 36.6 -1.2	
OMRZ	Omania	0.63 48	PN	Pn	12 40 36.6 -1.2	
TARZ	Mount Tarawera	0.64 63	PN	Pn	12 40 37.0 -1.0	
TARZ	Mount Tarawera	0.64 63	PN	Pn	12 40 37.0 -1.0	
OTVZ	Oturere	0.64 188	PN	Pn	12 40 38.8 +0.7	
OTVZ	Oturere	0.64 188	PN	Pn	12 40 38.8 +0.7	
NGVZ	Ngaruruhoe	0.67 192	PN	Pn	12 40 38.9 +0.7	
NGVZ	Ngaruruhoe	0.67 192	PN	Pn	12 40 38.9 +0.7	
KMRZ	Kaimai	0.69 43	PN	Pn	12 40 37.0 -1.3	
KMRZ	Kaimai	0.69 43	PN	Pn	12 40 37.0 -1.3	
LIRZ	Lichensteins R	0.70 43	PN	Pn	12 40 37.0 -1.3	
LIRZ	Lichensteins R	0.70 43	PN	Pn	12 40 37.0 -1.3	
HIZ	Hauti	0.72 271	ePN	Pn	12 40 38.6 +0.2	
HIZ	Hauti	0.72 271	ePN	Pn	12 40 38.6 +0.2	
TUVZ	Tukino	0.75 187	PN	Pn	12 40 39.6 +0.9	
TUVZ	Tukino	0.75 187	PN	Pn	12 40 39.6 +0.9	
FWWZ	Far West T-bar	0.75 194	PN	Pn	12 40 39.2 +0.5	
FWWZ	Far West T-bar	0.75 194	PN	Pn	12 40 39.2 +0.5	
DRZ	Dome Shelter	0.77 193	PN	Pn	12 40 40.0 +1.0	
DRZ	Dome Shelter	0.77 193	PN	Pn	12 40 40.0 +1.0	
WHVZ	Whangaehu Hut	0.77 194	PN	Pn	12 40 39.7 +0.8	
WHVZ	Whangaehu Hut	0.77 194	PN	Pn	12 40 39.7 +0.8	
MUGZ	Murupara	0.78 87	↑PN	Pn	12 40 37.4 -1.3	
TRVZ						

HPIG	baz=159	69.54	329	eP	P	13 33 43.7	+1.3
GOGA	comp=Z,20nm,1.1s	69.59	351	eP	P	13 33 42.2	-0.1
GOGA	comp=Z,18nm,1.0s	69.59	351	eP	P	13 33 42.2	-0.1
GOGA	comp=Z,18nm,1.0s	69.59	351	eP	P	13 33 42.2	-0.1
147A	Livingston	69.63	347	P	P	13 33 42.2	-0.3
340A	Bronson	69.68	341	P	P	13 33 42.3	-0.5
534A	Blanco	69.71	337	P	P	13 33 42.5	-0.7
437A	Phantom Ranch	69.74	339	P	P	13 33 42.7	-0.6
146A	Union	69.75	346	P	P	13 33 42.8	-0.4
LRAL	Lakeview Retre	69.75	348	eP	P	13 33 42.3	-1.0
339A	Huntington	69.78	341	P	P	13 33 43.3	-0.2
242A	Grayson	69.86	343	P	P	13 33 43.6	-0.4
436A	Wall Ranch, Ga	69.88	339	P	P	13 33 43.9	-0.2
145A	Houston Renfro	69.89	345	P	P	13 33 43.8	-0.3
533A	Kerrville	69.93	336	P	P	13 33 44.0	-0.5
338A	Crockett	70.01	340	P	P	13 33 44.6	-0.2
241A	Mo Tay, Goldon	70.01	342	P	P	13 33 44.7	-0.3
144A	Alexander Plac	70.02	345	P	P	13 33 44.5	-0.4
247A	Carrollton	70.10	347	P	P	13 33 45.5	0.0
337A	Centerville	70.13	340	P	P	13 33 45.4	-0.3
435B	Jarrell	70.13	338	P	P	13 33 45.4	-0.3
Z48A	Northport	70.18	347	P	P	13 33 46.0	0.0
JSC	Jenkinsville	70.20	353	eP	P	13 33 45.9	-0.1
JSC	comp=Z,10.0nm,0.8s	70.20	353	eP	P	13 33 45.9	-0.1
JSC	Jenkinsville	70.20	353	eP	P	13 33 45.9	-0.1
NATX	comp=Z,10nm,0.8s	70.21	341	P	P	13 33 45.6	-0.5
NATX	Nacogdoches	70.21	341	eP	P	13 33 44.5	-1.7
240A	Hunter Patters	70.24	342	P	P	13 33 46.3	0.0
Z46A	Louisville	70.26	346	P	P	13 33 46.1	-0.4
143A	Socs Landing,	70.31	344	P	P	13 33 46.7	0.0
434A	Burnet	70.37	337	P	P	13 33 46.9	-0.2
239A	Gary	70.40	341	P	P	13 33 47.1	-0.2
336A	Riesel	70.47	339	P	P	13 33 47.4	-0.3
335A	Moody	70.55	338	P	P	13 33 48.0	-0.2
JCT	Junction City	70.55	336	P	P	13 33 48.1	-0.3
JCT	Junction City	70.55	336	eP	P	13 33 49.3	+0.9
JCT	comp=Z,27nm,1.0s	70.55	336	eP	P	13 33 49.2	+0.9
238A	Jacksonville	70.56	340	P	P	13 33 48.3	0.0
433A	Art	70.58	337	P	P	13 33 48.2	-0.2
Z45A	Winona	70.58	346	P	P	13 33 48.4	0.0
Z44A	Pea Ridge, Bel	70.65	345	P	P	13 33 48.8	0.0
Y47A	UCPARC, Winfie	70.75	347	P	P	13 33 49.5	+0.1
237A	Washetta, Mont	70.75	340	P	P	13 33 49.3	-0.1
334A	Lometa	70.84	338	P	P	13 33 50.0	0.0
TXAR	Lajitas Array	70.89	332	P	P	13 33 51.1	+0.7
TXAR	comp=Z,3.6nm,0.6s, baz=152,slow=8.3,SNR=46	70.89	332	P	P	13 33 51.1	+0.7
TX31	Lajitas Ar. Si	70.89	332	eP	P	14 00 29.8	
Y46A	Houston	70.92	346	P	P	13 33 50.3	-0.1
236A	Katherine and	70.95	339	P	P	13 33 50.4	-0.2
Z42A	Norrel Spur, H	70.98	344	P	P	13 33 50.6	-0.2
139A	Bunkhouse Ranc	71.01	341	P	P	13 33 50.8	-0.2
Y45A	Yeager Farm, C	71.03	346	P	P	13 33 51.0	-0.1
KM5C	Kings Mountain	71.06	353	P	P	13 33 51.3	0.0
KM5C	Kings Mountain	71.06	353	eP	P	13 33 49.2	-2.1
333A	Richland Sprin	71.07	337	P	P	13 33 51.2	-0.2
138A	Matatal Enter	71.18	341	P	P	13 33 51.5	-0.5
WHTX	Lake Whitney,	71.22	338	P	P	13 33 52.0	-0.3
WHTX	Lake Whitney	71.22	338	eP	P	13 33 49.2	-3.1
137A	Heron Place, G	71.30	340	P	P	13 33 52.6	-0.1
Z40A	Long Farm, Mag	71.31	342	P	P	13 33 52.4	-0.4
Y43A	Makayla and Ka	71.37	345	P	P	13 33 53.0	-0.2
136A	Ennis	71.40	339	P	P	13 33 52.8	-0.5
234A	Clairette	71.44	338	P	P	13 33 53.0	-0.6
Y42A	Garnett, Star	71.48	344	P	P	13 33 53.4	-0.4
Z39A	Irene McRaven,	71.49	342	P	P	13 33 53.4	-0.5
X45A	UM Field Stati	71.55	346	P	P	13 33 54.0	-0.2
OXF	Oxford	71.63	346	eP	P	13 33 53.9	-0.8
OXF	comp=Z,47nm,0.9s	71.63	346	eP	P	13 33 53.9	-0.8
WLAR	White Oak Lake	71.65	343	eP	P	13 33 55.1	+0.3
MAW	Mawson	71.67	164	P	P	13 33 54.9	+0.3
MAW	comp=Z,12nm,0.7s, baz=216,slow=7.7,SNR=38	71.67	164	P	P	13 33 54.9	+0.3
MAW	comp=Z,12nm,0.7s	71.67	164	P	P	13 33 54.9	+0.3
MAW	comp=Z,12nm,0.7s	71.67	164	eP	P	13 33 55.2	+0.5
233A	Rising Star	71.68	337	P	P	13 33 54.8	-0.4
Z38A	Mt. Pleasant	71.71	341	P	P	13 33 55.0	-0.2
Y41A	Eaglette Beard	71.71	343	P	P	13 33 55.1	-0.2
135A	Vickery Place,	71.73	339	P	P	13 33 55.1	-0.3
CPCT	Cooper Cave	71.74	350	eP	P	13 33 54.2	-1.1
X44A	Crenshaw	71.77	345	P	P	13 33 55.2	-0.4
Z37A	Pogue Cattle C	71.83	340	P	P	13 33 55.7	-0.3
TKL	Tuckaleechee C	71.85	351	eP	P	13 33 55.8	-0.2
TKL	comp=Z,23nm,1.0s	71.85	351	eP	P	13 33 55.8	-0.2
TKL	comp=Z,23nm,1.0s	71.85	351	eP	P	13 33 55.8	-0.2

X43A	Marvell	71.94	345	P	P	13 33 56.4	-0.1
134A	White-Moore Ra	71.95	338	P	P	13 33 56.3	-0.4
Y40A	Okolona	72.00	343	P	P	13 33 56.5	-0.4
Z36A	Blue Ridge	72.12	340	P	P	13 33 57.4	-0.3
Y39A	Lockesburg	72.13	342	P	P	13 33 57.4	-0.3
X42A	Stuttgart	72.14	344	P	P	13 33 57.4	-0.3
W45A	Hickory Valley	72.22	346	P	P	13 33 57.8	-0.4
133A	Hamilton Ranch	72.24	338	P	P	13 33 57.9	-0.6
Y38A	Idabel	72.28	341	P	P	13 33 58.2	-0.4
W44A	Shelby Farms P	72.32	346	P	P	13 33 58.5	-0.3
X40A	Basin Creek Fa	72.35	343	P	P	13 33 58.7	-0.3
Z35A	Perchaven, San	72.41	339	P	P	13 33 58.9	-0.5
W43A	Forest City	72.45	345	P	P	13 33 59.4	-0.2
ABTX	Abiene, Hawle	72.48	337	P	P	13 33 59.3	-0.6
ABTX	Abiene, Hawle	72.48	337	eP	P	13 33 57.4	-2.5
Y37A	Hugo	72.56	341	P	P	13 33 60.0	-0.3
MIAR	Mount Ida	72.58	343	P	P	13 34 00.2	-0.2
MIAR	Mount Ida	72.58	343	eP	P	13 33 59.0	-1.4
MIAR	comp=Z,9.0nm,1.0s	72.58	343	eP	P	13 33 59.0	-1.4
Z34A	Collier Ranch,	72.64	339	P	P	13 34 00.5	-0.3
Y36A	Durant	72.67	340	P	P	13 34 00.7	-0.3
X39A	Fountain Ranch	72.68	342	P	P	13 34 00.5	-0.5
W45A	Humboldt	72.74	347	P	P	13 34 01.1	-0.2
W42A	Bald Knob	72.81	344	P	P	13 34 01.4	-0.3
Z33A	Whitaker Ranch	72.82	338	P	P	13 34 01.5	-0.4
W41B	Gary Mavity, V	72.87	344	P	P	13 34 01.7	-0.4
Y35A	Marietta	72.89	340	P	P	13 34 01.9	-0.3
WVT	Waverly	72.92	348	eP	P	13 34 01.9	-0.4
WVT	comp=Z,47nm,0.9s	72.92	348	eP	P	13 34 01.9	-0.4
X301	Greenbrier Sit	72.97	344	eP	P	13 34 03.2	+0.5
HALT	Halls	72.98	346	eP	P	13 34 01.6	-1.1
WHAR	Woolly Hollow	72.99	344	eP	P	13 34 03.6	+0.8
X38A	Whitesboro	73.01	342	P	P	13 34 02.7	-0.2
BLA	Blacksburg	73.03	354	eP	P	13 34 01.3	-1.8
BLA	comp=Z,20nm,0.8s	73.03	354	eP	P	13 34 01.3	-1.8
W40A	Ferguson Farm,	73.08	343	P	P	13 34 03.2	-0.1
X37A	Clayton	73.08	341	P	P	13 34 02.8	-0.5
Y34A	Reagan Ranch,	73.14	339	P	P	13 34 03.2	-0.6
URVA	University of	73.20	357	eP	P	13 34 04.7	+0.7
W39A	Magazine	73.25	343	P	P	13 34 04.2	-0.1
V42A	Cord	73.29	345	P	P	13 34 04.5	-0.1
W38A	Poteau	73.31	342	P	P	13 34 04.5	-0.2
X36A	Huntsboro	73.32	340	P	P	13 34 04.2	-0.6
X35A	Drake	73.33	340	P	P	13 34 04.5	-0.4
V41A	Mountainview	73.44	344	P	P	13 34 05.3	-0.2
Y33A	Hilltop Ranch,	73.45	338	P	P	13 34 05.3	-0.2
V40A	Whits Springs	73.61	344	P	P	13 34 06.0	-0.5
W37B	Quinton	73.61	341	P	P	13 34 06.4	-0.2
U44A	Portageville	73.62	346	P	P	13 34 06.5	0.0
U43A	Rector	73.63	346	P	P	13 34 06.2	-0.3
HSIG	comp=Z,19nm,1.1s	73.64	326	eP	P	13 34 08.4	+1.6
MNTX	Cornudas Mount	73.65	332	P	P	13 34 06.5	-0.4
MNTX	Cornudas Mount	73.65	332	eP	P	13 34 06.4	-0.5
X34A	Smyth Ranch, M	73.77	339	P	P	13 34 07.3	-0.1
U42A	Revendon	73.78	345	P	P	13 34 07.4	-0.1
W36A	Wetumka	73.82	341	P	P	13 34 07.7	-0.1
V39A	Pettigrew	73.83	343	P	P	13 34 07.7	-0.2
X33A	Viola	73.91	339	P	P	13 34 07.9	-0.4
U41A	Lion	73.92	344	P	P	13 34 07.8	-0.5
W35A	Tecumseh	74.01	340	P	P	13 34 08.3	-0.6
PBMO	Poplar Bluff	74.03	346	eP	P	13 34 08.9	0.0
X32A	Elmer	74.03	338	P	P	13 34 08.5	-0.5
V38A	Centerville	74.04	342	P	P	13 34 08.5	-0.5
U40A	Yellville	74.14	344	P	P	13 34 09.2	-0.4
T44A	Benton	74.16	347	P	P	13 34 09.6	-0.1
WMOK	Wichita Mounta	74.17	338	P	P	13 34 09.3	-0.5
WMOK	Wichita Mounta	74.17	338	eP	P	13 34 09.3	-0.5
WMOK	comp=Z,12nm,1.0s	74.17	338	eP	P	13 34 09.3	-0.5
V37A	Hulbert	74.24	342	P	P	13 34 09.9	-0.3
T43A	Greenville	74.30	346	P	P	13 34 10.1	-0.4
U39A	Green Forest	74.31	343	P	P	13 34 10.2	-0.4
HHAR	Hobbs	74.32	343	eP	P	13 34 09.8	-0.8
W34A	Bridge Creek,	74.34	339	P	P	13 34 10.4	-0.4
V36A	Jenks	74.36	341	P	P	13 34 10.3	-0.5
TUL1	Leonard	74.44	341	P	P	13 34 10.9	-0.4
W33A	Caddo, Fort Co	74.47	339	P	P	13 34 11.0	-0.6
S45A	Carrier Mills	74.55	347	P	P	13 34 11.6	-0.3
T41A	Mountain View	74.56	345	P	P	13 34 11.8	-0.3
V35A	Meyer Ranch,	74.58	340	P	P	13 34 11.9	-0.2
U38A	Gravette	74.58	343	P	P	13 34 11.8	-0.4
W32A	Sentinel	74.67	338	P	P	13 34 12.1	-0.6
USIN	University of	74.68	348	eP	P	13 34 12.1	-0.5
S44A	Carbondale	74.69	347	P	P	13 34 12.5	-0.2

6d 13h

21st AUG

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like SFIN Lafayette, P41A Barry, S32A Newby Ranch, etc.

Table with columns: GAZI, Gazipasa, 0.99 266, P, P, 13 26 36.0, -1.9

GUC 06 13:49:24.9-0.5, 35.98Sx73.22W, h50km, 3km, ML3.6, Off coast of central Chile

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

ATH 06 13:54:37.8, 37.62N, 26.65E, h25km, 1km, ML3.1/4, Error ellipse: s-maj=1.9km s-min=1.0km az=93.0

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

SMG Samos, 0.16 71, P, P, 13 54 43.0, +0.2

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

DGB DGB, 0.43 25, P, P, 13 54 47.9, -0.3

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

CESE 'e me, 0.73 338, P, P, 13 54 53.6, +0.4

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

BDRM Kayabasi, 0.87 133, P, P, 13 54 54.8, -1.0

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

NIS1 Nisyros Isl., 1.14 158, ePN, P, 13 55 01.1, +1.0

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

PLCA Paso Flores, 5.24 157, P, P, 14 15 53.8, +0.7

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

TRQA Torquinet, 9.25 107, ePN, P, 14 16 50.8, +2.6

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

PLAZ La Paz, 20.09 14, P, P, 14 19 10.0, -0.4

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

SIGR SIGRI, 1.67 338, P, P, 13 55 08.4, +1.0

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

Table with columns: LIA Limnos Island, 2.51 333, P, Pn, 13 55 20.9, +1.9

MEX 06 14:02:04.3-0.8, 30.96N, 115.21W, h20km, 112km, MD3.5, Baja California

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

IDC 06 14:12:04.8-2.6, 29.78S, 176.06W, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.6/37, mbtmp3.8/3, ML3.3/1, MS3.3/1, MS1 3.3/1, ms1mx2.7/29, Error ellipse: s-maj=49.8km s-min=14.8km az=136.0, Kermadec Islands region

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

RAO Raoul Island, 1.70 288, Pn, Pn, 14 12 35.7, 0.0

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

URZ Urewera, 10.17 212, Pn, Sn, 14 14 30.9, -1.2

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

ASAR Alice Springs, 44.82 265, P, P, 14 20 21.2, +0.3

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

NEIC 06 14:14:34.0, 35.92S, 73.34W, h38km, mb4.7/39, After GUC

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

NEIC Feil [III] at Cauquenes, Concepcion and Penco; [II] at Chanco, Pellulhue, San Pedro de las Paz and Talca

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

COCH Cobquecura, 0.41 119, P, S, 14 14 51.9, -1.1

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

PLCA Paso Flores, 5.24 157, P, P, 14 15 53.8, +0.7

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

TRQA Torquinet, 9.25 107, ePN, P, 14 16 50.8, +2.6

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

PLAZ La Paz, 20.09 14, P, P, 14 19 10.0, -0.4

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

SIGR SIGRI, 1.67 338, P, P, 13 55 08.4, +1.0

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

Table with columns: SNAW Snae, 50.18 157, P, P, 14 23 29.0, 0.0

REKT Rikitea, 54.42 266, eT, T, 15 22 22.7, Error ellipse: s-maj=7.1, 1.1nm, 0.2s

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

SYO Syowa Base, 64.43 158, eX, P, 14 25 09.0, -0.5

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

342A Flagon Creek P, 69.31 343, P, P, 14 25 40.3, -0.6

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

341A Kurthwood, 69.48 342, P, P, 14 25 41.2, -0.8

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

340A Bronson, 69.57 341, P, P, 14 25 43.4, -0.2

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

337A Centerville, 70.16 347, P, P, 14 25 46.3, +0.2

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

336A Riesel, 70.54 339, P, P, 14 25 48.1, +0.1

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

333A Lake Whitney, 71.14 337, P, P, 14 25 53.3, +0.3

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

332A Lometa, 70.91 337, P, P, 14 25 50.8, 0.0

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

331A White-Moore Ra, 72.10 338, P, P, 14 25 56.7, -0.5

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

330A Durant, 72.73 340, P, P, 14 26 02.4, +0.7

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

329A Whittaker Ranch, 72.79 338, P, P, 14 26 02.0, -0.5

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

W37B	Quinton	73.67 341	P	P	14 26 06.8	-0.4
MNTX	Cornudas Mount	73.73 332	P	P	14 26 06.8	-0.8
MNTX	Cornudas Mount	73.73 332	eP	P	14 26 06.9	-0.6
X34A	Smith Ranch, M	73.83 339	P	P	14 26 07.5	-0.6
U42A	Revendon	73.84 345	P	P	14 26 07.8	-0.2
V39A	Pettigrew	73.89 343	P	P	14 26 08.1	-0.4
U41A	Viola	73.98 344	P	P	14 26 08.3	-0.7
W35A	Tecumseh	74.08 340	P	P	14 26 08.7	-0.8
PBMO	Poplar Bluff	74.09 346	eP	P	14 26 09.7	+0.2
X32A	Elmer	74.10 338	P	P	14 26 08.7	-1.0
V38A	Canehill	74.10 342	P	P	14 26 08.8	-0.8
U40A	Yellville	74.20 344	P	P	14 26 09.9	-0.3
T44A	Benton	74.22 346	P	P	14 26 09.5	-0.8
WMOK	Wichita Mounta	74.24 338	P	P	14 26 09.7	-0.8
V37A	Hulbert	74.30 342	P	P	14 26 10.0	-0.9
U43A	Greenville	74.35 346	P	P	14 26 10.7	-0.4
U39A	Green Forest	74.37 343	P	P	14 26 10.5	-0.7
W34A	Bridge Creek,	74.41 339	P	P	14 26 11.1	-0.4
V36A	Jenks	74.42 341	P	P	14 26 11.2	-0.3
TUL1	Leonard	74.50 341	P	P	14 26 11.6	-0.3
W33A	Caddo, Fort Co	74.53 339	P	P	14 26 12.0	-0.2
S45A	Carrier Mills	74.61 347	P	P	14 26 12.5	0.0
T41A	Mountain View	74.62 345	P	P	14 26 11.4	-1.3
V35A	Meyer Ranch, C	74.64 340	P	P	14 26 11.4	-1.3
U38A	Gravette	74.64 342	P	P	14 26 11.6	-1.2
W32A	Sentinel	74.74 338	P	P	14 26 12.5	-0.9
S44A	Carbondale	74.75 347	P	P	14 26 12.3	-1.0
S43A	Fulton Ridge,	74.78 346	P	P	14 26 12.9	-0.6
U37A	Salina	74.79 342	P	P	14 26 12.9	-0.8
MSTX	Muleshoe	74.82 335	P	P	14 26 12.5	-1.5
T40A	Mansfield	74.89 344	P	P	14 26 14.0	-0.2
V34A	Guthrie	74.89 340	P	P	14 26 13.1	-1.2
U36A	Oologah	74.94 341	P	P	14 26 12.5	-1.9
T39A	Clever	74.96 343	P	P	14 26 13.4	-1.2
319A	Douglas	75.02 329	eP	P	14 26 17.1	+1.9
V33A	Lossen Ranch,	75.10 339	P	P	14 26 14.0	-1.4
S42A	Caledonia	75.12 346	P	P	14 26 14.4	-1.1
S41A	Jillico Farms,	75.14 345	P	P	14 26 14.3	-1.4
U35A	Pawnee	75.18 341	P	P	14 26 14.6	-1.3
T38A	Diamond	75.19 343	P	P	14 26 14.7	-1.2
V32A	Arapaho	75.23 339	P	P	14 26 14.9	-1.3
R44A	Waltonville	75.25 347	P	P	14 26 14.6	-1.6
AMTX	Amarillo	75.28 336	P	P	14 26 15.4	-1.2
AMTX	Amarillo	75.28 336	eP	P	14 26 15.8	-0.8
S40A	Lebanon	75.31 344	P	P	14 26 14.6	-2.0
121A	Cookes Peak, D	75.41 330	P	P	14 26 16.2	-1.3
T37A	Cheneyville 18	75.42 342	P	P	14 26 16.5	-0.8
R43A	Red Bud	75.44 346	P	P	14 26 16.0	-1.3
U34A	Anderson Ranch	75.46 340	P	P	14 26 16.2	-1.3
S39A	Bolivar	75.58 344	P	P	14 26 17.3	-0.9
T36A	Boggs Farm, Ca	75.61 341	P	P	14 26 17.6	-0.7
R42A	Luebbering	75.61 346	P	P	14 26 17.4	-0.9
T35A	Sooner Cattle	75.64 341	P	P	14 26 17.2	-1.3
S38A	Stockton	75.66 343	P	P	14 26 17.8	-0.8
R41A	Rosebud	75.75 345	P	P	14 26 18.3	-0.8
U32A	Winter Ranch,	75.83 339	P	P	14 26 18.4	-1.2
Q44A	Meyer Farm, Va	75.88 347	P	P	14 26 19.0	-0.9
T34A	McClaskey Farm	75.92 340	P	P	14 26 19.3	-0.8
R40A	Maddies Statio	75.93 345	P	P	14 26 19.4	-0.7
S37A	Fort Scott	76.00 343	P	P	14 26 19.3	-1.3
Q43A	New Douglas	76.04 347	P	P	14 26 19.7	-1.1
R39A	Chumby, Stover	76.12 344	P	P	14 26 20.7	-0.5
S36A	Lake Cedric, C	76.16 342	P	P	14 26 20.7	-0.8
Q42A	Golden Eagle	76.17 346	P	P	14 26 20.7	-0.8
R38A	Fenwick Farm,	76.19 343	P	P	14 26 20.8	-0.9
T33A	Patterson Ranc	76.27 340	P	P	14 26 21.2	-0.9
S35A	Otter Creek Ra	76.31 341	P	P	14 26 22.8	+0.5
ACSO	Alum Creek Sta	76.32 352	eP	P	14 26 21.9	-0.5
Q41A	Truxton	76.35 346	P	P	14 26 21.8	-0.7
TUC	Tucson	76.46 328	P	P	14 26 22.9	-0.5
TUC	Tucson	76.46 328	eP	P	14 26 23.1	-0.3
R37A	Teagarden Farm	76.53 343	P	P	14 26 22.6	-1.0
Q40A	Huddler Ranch,	76.55 339	P	P	14 26 22.7	-1.1
T32A	Laux Farm, Aux	76.56 345	P	P	14 26 22.9	-0.8
DBIC	Dimbokro	76.72 72	P	P	14 26 26.1	+0.9
DBIC	comp=Z, 1.69nm, 18.5s, baz=206, slow=36		LR		14 59 05.6	
P42A	Winchester	76.78 346	P	P	14 26 24.9	-0.1
Q39A	Willow Grove F	76.80 344	P	P	14 26 25.1	0.0
Q38A	Cooks Store, C	76.86 344	P	P	14 26 25.0	-0.4
ANMO	Albuquerque	77.02 332	P	P	14 26 27.4	+0.8
ANMO	Albuquerque	77.02 332	eP	P	14 26 27.6	+0.9
214A	Organ Pipe Nat	77.06 326	P	P	14 26 28.0	+1.2
P40A	Paris	77.07 345	P	P	14 26 26.9	+0.3
R34A	Isabella, Hill	77.13 341	P	P	14 26 27.6	+0.6

P38A	Dawn	77.48 344	P	P	14 26 28.3	-0.6
HDIL	Hopedale	77.53 348	P	P	14 26 28.3	-0.9
O40A	La Belle	77.60 345	P	P	14 26 29.1	-0.5
P37A	Lathrop	77.63 343	P	P	14 26 28.8	-0.9
Q34A	Chapman	77.64 341	P	P	14 26 28.8	-1.0
R32A	Long Quarter,	77.65 340	P	P	14 26 29.0	-0.8
KSU1	Kansas State U	77.72 342	P	P	14 26 29.5	-0.7
P36A	Good Intent, A	77.86 343	P	P	14 26 30.2	-0.8
Q39A	Kirkville	77.87 345	P	P	14 26 30.5	-0.5
Q33A	Connelly Farm,	77.94 341	P	P	14 26 30.9	-0.6
Q32A	Meitler Ranch,	78.14 340	P	P	14 26 31.8	-0.8
P34A	Walnut Farm, R	78.20 342	P	P	14 26 32.1	-0.8
T25A	Trinidad	78.25 335	P	P	14 26 34.1	+0.6
N38A	Joess South For	78.53 345	P	P	14 26 34.5	-0.1
X16A	Lo Mia Camp, P	78.55 329	eP	P	14 26 37.1	+2.0
N37A	Lee Faris, Mou	78.72 344	P	P	14 26 35.7	0.0
M38A	Pleasantville	79.12 345	P	P	14 26 37.7	-0.2
N35A	Tabor	79.14 343	P	P	14 26 37.9	-0.2
SDCO	Great Sand Dun	79.17 334	P	P	14 26 38.3	-0.4
SDCO	Great Sand Dun	79.17 334	eP	P	14 26 39.5	+0.8
L41A	Preston	79.22 347	P	P	14 26 37.5	-0.9
SWSC	Sam W Stewart	79.26 325	P	P	14 26 36.7	-2.1
L40A	Anamosa	79.35 346	P	P	14 26 38.5	-0.6
WUAZ	Wupatki	79.47 329	P	P	14 26 40.3	+0.2
WUAZ	Wupatki	79.47 329	eP	P	14 26 41.1	+0.9
S22A	4UR Ranch, Cre	79.64 334	P	P	14 26 42.4	+1.2
BC3	Big Chucckawall	79.69 325	P	P	14 26 43.1	+1.8
K41A	Shullsburg	79.71 347	P	P	14 26 40.1	-1.0
L38A	Oak Wood Farm,	79.77 345	P	P	14 26 41.2	-0.2
MVCO	Mesa Verde	79.79 332	P	P	14 26 43.2	+1.2
MVCO	Mesa Verde	79.79 332	eP	P	14 26 42.9	+0.9
K40A	Colesburg	79.95 347	P	P	14 26 41.9	-0.5
BOSA	comp=Z, 3.6nm, 0.6s, baz=243, slow=3.6, SNR=5.3	80.04 118	P	P	14 26 45.2	+1.6
BOSA	comp=Z, 2.21nm, 19.8s, baz=240, slow=32		LR		14 57 43.7	
K39A	Oelwein	80.10 346	P	P	14 26 42.2	-1.0
TPFO	Pinon Flats	80.11 325	P	P	14 26 44.9	+1.2
PFO	Pinon Flats O	80.12 325	P	P	14 26 45.6	+1.9
PFO	Pinon Flats O	80.12 325	P	P	14 26 45.6	+1.9
J41A	Loganville	80.39 348	P	P	14 26 44.1	-0.6
J40A	Soldiers Grove	80.55 347	P	P	14 26 44.7	-0.9
U15A	North Rim	80.63 329	eP	P	14 26 48.3	+1.8
J39A	Deerah	80.67 346	P	P	14 26 45.2	-1.1
GMRC	Granite Mounta	80.72 326	P	P	14 26 48.8	+1.9
CHNC	Chick City	81.02 324	eP	P	14 26 51.9	+3.6
ISCO	Idaho Springs	81.05 335	P	P	14 26 49.5	+0.7
J36A	Seneca 1, Swea	81.20 345	P	P	14 26 49.0	0.0
I38A	Scanlan Farm,	81.47 346	P	P	14 26 49.6	-0.9
J34A	George	81.52 343	P	P	14 26 49.5	-1.2
LCMT	Littl Creek M	81.53 329	eP	P	14 26 52.9	+1.7
K31A	O'Neill	81.58 341	P	P	14 26 51.4	+0.3
I37A	Lemond, Waseca	81.66 345	P	P	14 26 51.9	+0.4
J33A	Davis	81.79 343	P	P	14 26 51.4	-0.7
I35A	Creekview Farm	81.84 344	P	P	14 26 51.2	-1.2
SHPR	Sheep Range	81.93 327	eP	P	14 26 55.2	+1.9
SZCU	Shurtz Canyon	81.95 329	eP	P	14 26 55.4	+1.9
CCUT	Cedar City	82.03 329	eP	P	14 26 56.5	+2.5
ECSD	EROS Data Cent	82.10 343	P	P	14 26 54.0	+0.2
ECSD	EROS Data Cent	82.10 343	eP	P	14 26 54.2	+0.4
SRU	San Rafael Swe	82.22 332	eP	P	14 26 55.1	+0.3
I33A	Coleman	82.44 343	P	P	14 26 55.4	-0.2
H35A	Sunnyside Ranc	82.61 345	P	P	14 26 55.6	-0.8
H34A	Spellman Lake,	82.79 344	P	P	14 26 56.2	-1.2
BA1K	Calstate	82.79 324	eP	P	14 27 00.8	+3.2
R11A	Troy Canyon, C	83.65 328	P	P	14 27 03.8	+1.6
F35A	Swanville	83.66 345	P	P	14 27 01.3	-0.5
K22A	Casper	83.91 336	P	P	14 27 04.3	+0.9
E36A	McGregor	84.03 346	P	P	14 27 02.5	-1.2
DUG	Dugway, Tooele	84.06 331	P	P	14 27 06.1	+1.9
DUG	Dugway, Tooele	84.06 331	eP	P	14 27 05.9	+1.7
D35A	Remer	84.73 346	P	P	14 27 06.1	-1.2
C39A	Grand Marais	84.73 349	P	P	14 27 06.3	-0.9
HWUT	Hardware Ranch	84.78 332	eP	P	14 27 08.2	+0.3
C38A	Sawbill Ranch	84.83 348	P	P	14 27 06.6	-1.1
BW06	Boulder Array	85.05 334	P	P	14 27 09.8	+0.5
BW06	Boulder Array	85.05 334	eP	P	14 27 09.8	+0.5
PDAR	Pinedale Array	85.05 334	P	P	14 27 07.9	-1.4
PDAR	comp=Z, 0.5nm, 0.7s, baz=112, slow=4.0, SNR=5.4		LR		15 01 36.9	
E31A	Nome	85.06 343	P	P	14 27 08.1	-0.8
EYMN	Ely	85.09 348	P	P	14 27 08.0	-1.0
C35A	Rif Farms, M	85.31 346	P	P	14 27 10.6	+0.5
HVU	Hansel Valley	85.39 331	eP	P	14 27 11.8	+0.9
B35A	Gold, Littlefor	85.89 346	P	P	14 27 12.4	-0.6
TPAW	Teton Pass	86.18 333	eP	P	14 27 16.3	+1.4
C31A	Landman Farms,	86.19 344	P	P	14 27 13.2	-1.3
AGMN	Agassiz Nation	86.25 345	P	P	14 27 13.6	-1.2
AGMN	Agassiz Nation	86.25 345	eP	P	14 27 15.0	+0.2

B32A	Ashes, Strandq	86.49 345	P	P	14 27 14.9	-1.1
IMW	Indian Meadow	86.53 334	eP	P	14 27 17.9	+1.2
MDND	Macdock	86.68 343	P	P	14 27 17.0	0.0
A33A	Warroad	86.77 346	P	P	14 27 17.8	+0.5
RLMT	Red Lodge	87.02 335	P	P	14 27 20.0	+1.1
HLID	Hailey	87.55 331	P	P	14 27 23.3	+1.8
HLID	Hailey	87.55 331	eP	P	14 27 22.6	+1.1
MCMT	McKenzie Canyo	88.03 333	eP	P	14 27 24.	

6d 14h

ISCJB 06 14:30:57.0, 4.41:27N, 0:05:131:86E, 0:05, h550km, mb3.1/5, Error ellipse: s-maj=7.1km s-min=5.4km az=172.3

JMA 06 14:30:58.0, 3.0, 41:17N, 132:04E, h588km, M3.4 IDC 06 14:30:58.2, 0.8, 41:24N, 131:63E, h556km, gm, mb2.6/5, mb1 2.8/11, mb1mx2.6/43, mbtmp3.6/11, Error ellipse: s-maj=18.4km s-min=14.5km az=61.0

ISC 06 14:30:57.6, 0.8, 41:22N, 0:08:131:89E, 0:07, h550km, n46, e163/56, mb3.3/5, Sea of Japan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, s, ISC. Lists various seismic stations and their associated data points.

GRAL 06 14:32:06.9, 0.3, 33:58N, 36:00E, h18km, 4km, MD2.9

NSSC 06 14:32:06.8, 1.4, 33:61N, 35:89E, h10km, 6km, ML2.1

GII 06 14:32:06.5, 0.0, 33:60N, 35:99E, h1km, MD2.1/4

ISCJB 06 14:32:07.6, 0.4, 33:65N, 0:02:35:97E, 0:03, h5km, 4km, Error ellipse: s-maj=3.9km s-min=3.3km az=139.6

CSEM 06 14:32:07.4, 0.2, 33:66N, 35:97E, h10km, ML2.9, Error ellipse: s-maj=3.9km s-min=3.2km az=132.0

ISC 06 14:32:07.2, 0.9, 33:65N, 0:02:35:98E, 0:02, h11km, 7km, n41, e52/70, Jordan-Syria region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, s, ISC. Lists various seismic stations and their associated data points.

2011 AUG

Table with columns: SALA, Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, s, ISC. Lists seismic stations and data points for SALA.

IDC 06 14:43:26.7, 0.7, 3:40S, 130:97E, h0km, mb4.0/11, mb1 4.1/12, mb1mx3.9/35, mbtmp4.0/12, ML3.7/1, Error ellipse: s-maj=37.3km s-min=14.4, 1km az=86.0

ISCJB 06 14:43:29.1, 0.4, 3:41S, 0:05:130:96E, 0:05, h30km, mb3.9/11, Error ellipse: s-maj=8.3km s-min=6.2km az=30.5

DJA 06 14:43:30.7, 0.3, 3:4, 131:1E, h10km, M4.8/3, mb4.4/3, ML5.0/1

NEIC 06 14:43:31.9, 0.5, 3:45S, 131:02E, h35km, mb4.2/2, Error ellipse: s-maj=14.9km s-min=9.2km az=89.0

ISC 06 14:43:30.7, 0.6, 3:43S, 0:06:130:97E, 0:07, h30km, n28, e237/73, mb4.0/11, Seram

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, s, ISC. Lists various seismic stations and their associated data points.

NIED 06 14:45:00.37, 1.0N, 141:20E, h47km, Mw4.2 Best double couple: M2 44000, 1015 NP1 202, 00000, 822, 00000, 188, 00000, NP2 20, 2, 00000, 868, 00000, 191, 00000, Ms4.6/15, Ms7 4.3/14

BUI 06 14:45:03.5, 34:87N, 144:16E, h7km, mb4.6/26, mb5.0/22, Ms4.6/15, Ms7 4.3/14

ISCJB 06 14:45:34.3, 0.6, 37:04N, 0:03:141:31E, 0:06, h52km, 3km, mb4.2/30, MS4.0/5, Error ellipse: s-maj=8.1km s-min=4.1km az=28.0

JMA 06 14:45:36.1, 0.1, 37:05N, 141:15E, h51km, 1km, M4.3 JMA Felt II J1

IDC 06 14:45:36.6, 0.5, 37:05N, 141:11E, h53km, 6km, mb3.9/20, mb1 4.1/24, mb1mx4.0/44, mbtmp4.2/24, MS3.3/3, Ms1 3.3/3, ms1mx2.9/51, Error ellipse: s-maj=15.8km s-min=10.8km az=106.0

NEIC 06 14:45:37.1, 0.7, 37:15N, 141:18E, h56km, 5km, mb4.5/3, Error ellipse: s-maj=9.8km s-min=5.3km az=129.0

NEIC Recorded [2 JMA] in Fukushima.

ISC 06 14:45:36.3, 0.6, 37:05N, 0:04:141:28E, 0:06, h54km, 4km, h53km: pP, n85, e156/105, mb4.3/30, MS4.3/5, 1C-1D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, s, ISC. Lists various seismic stations and their associated data points.

Table with columns: MAJO, Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, h, s, ISC. Lists various seismic stations and their associated data points.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KSH Kashi, ARU Arti, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

NIED 06 15:05:00,37.10N,142.40E,h11km,Mw4.0 Best double couple: Mo1.25000x1015 NP1.8x180.00000, 817.00000, 7.60000. NP2.8x15.00000, 873.00000, 1.940000. JMA 06 15:05:11.9,0.4,37.11N,142.39E,h11km,5.6km,M4.0

ISCJB 06 15:05:13.7,1.6,37.11N,142.46E,0.05, h33km,1.1km,mb4.1/21, Error ellipse: s-maj=6.9km, s-min=5.9km az=139.4

IDC 06 15:05:16.7,3.2,37.12N,142.31E,h38km,27km,mb3.9/20, mb1.4/0.22, mb1mx3.8/5.6, mbtmp4.1/22, ML3.5/2, Error ellipse: s-maj=19.3km s-min=14.4km az=87.0

NEIC 06 15:05:16.3,0.6,37.17N,142.36E,h35km,mb4.4/1, Error ellipse: s-maj=12.9km s-min=9.1km az=139.0

ISC 06 15:05:16.6,0.8,37.14N,0.07,142.4E,0.1, h37km,2km, n50, c1535/56, mb4.0/21, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JFJ Kawachi, ONAJ Iwakitsuzishiy, JMM Marumori, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KBZ Khabaz, HFS Haglors, NOA NORSAR Array B, etc.

NNC 06 15:11:16.4,15.0,44.14N,77.51E,h0km,mb2.6,mpv2.3, Error ellipse: s-maj=133.7km s-min=60.7km az=65.0

SOME 06 15:11:16.9,42.20N,0.97E,h5km

ISC 06 15:11:04.2,3.1,42.02N,0.1,81.9E,0.1, h6km,16km,n13, c132/21,6C-1D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SHLS Shalkode, PDGK Podgornoye, UZB Uzunbulak, etc.

MEX 06 15:15:26.0,3.0,15.05N,93.39W,h20km,122km,MD3.5, Near coast of Chiapas

CCIG Comitán 1.72 44 eP Pn 15 15 52.0 -3.0

IDC 06 15:19:13.6,2.3,6.33S,130.32E,h149km,32km,mb3.0/1, mb3.1/1.5, mb1mx2.9/3.6, mbtmp3.6/5, Error ellipse: s-maj=63.9km s-min=16.3km az=89.0, Banda Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SUJI Sorong, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

IDC 06 15:25:21.6,11.0,36.18N,171.23E,h200km,120km, mb3.0/4, mb1 3.0/6, mb1mx2.7/3.9, mbtmp3.6/6, Error ellipse: s-maj=63.1km s-min=62.5km az=157.0

ISCJB 06 15:25:24.8,1.6,36.7N,0.1,170.9E,0.2,h200km,mb3.2/3, Error ellipse: s-maj=23.3km s-min=14.4km az=25.0

ISC 06 15:25:24.4,2.0,36.6N,0.2,171.0E,0.2,h200km,n8, c1569/8,mb3.3/3,4C,Afghanistan-Tajikistan border

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MNAS Manas, KK31 Karatay Array, AKTO Aktyubinsk, etc.

KRSC 06 15:26:58.7,0.9,54.98N,162.50E,h40km,21km,ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MKZ Mys Kozlovka, KBN Kuratoberegovo, KBL Zelenaya, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KLY Semkarok, SMKR Semkarok, BDR Baidarnaya, etc.

ATH 06 15:27:44.6,40.60N,23.94E,h18km,4km,ML1.6/4, Error ellipse: s-maj=4.7km s-min=0.8km az=202.0

CSEM 06 15:27:44.7,0.1,40.59N,23.95E,h12km,ML1.6, Error ellipse: s-maj=3.4km s-min=2.7km az=13.0

THE 06 15:27:45.4,40.60N,23.92E,h4km,1km,ML1.8/3, Error ellipse: s-maj=1.9km s-min=0.4km az=253.0, Greece

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OUR Ouranopolis, PLG Polygyros, SOH Sokhos, SRS Serrai, etc.

ISCJB 06 15:30:09.9,0.6,50.27N,0.04,18.73E,0.03,h0km, Error ellipse: s-maj=5.9km s-min=2.8km az=10.7

IPCC 06 15:30:10.4,0.2,50.31N,18.81E,h2km,1km,ML1.7/3, Error ellipse: s-maj=2.4km s-min=1.1km az=169.0

CSEM 06 15:30:10.8,0.2,50.27N,18.78E,h2km,ML2.5, Error ellipse: s-maj=6.1km s-min=2.9km az=8.0

WAR 06 15:30:10.9,50.26N,18.82E,h1km,Mw2.5

FRU 06 15:30:11.7,50.26N,18.76E,h0km, Error ellipse: s-maj=10.8, s-min=5.0, 26N,0.04,18.78E,0.02,h0km,n22, c059/40, Poland

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, OJC Ojcow, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAHJ, USRKR, KRSRS, KLR, H11N2, H11N1, H11N3, H11S1, H11S2, H11S3, SONM, ZALV, MKAR, ILAR, WRA, ASAR, FINES, HFS, AKASG.

IDC 06 16:17:29.5:13.0, 30.32S:178.06E, h0km, mb4.2/3, mb1 4.3/4, mb1mx3.8/31, mbtmp4.2/24, ML3.8/1, M53.5/2, MS1 3.5/2, ms1mx2.8/26, Error ellipse: s-maj=258.0km s-min=43.0km az=65.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HAZ, PKGZ, PUZ, URZ, URZ, URZ, MWZ, SNQZ, KNZ, BKZ, ARHZ, N047, AFK, STKA, ASAR, WRA, GUMO.

SJA 06 16:20:02.0:2.0, 8.34'S:73.43W, h24km, 999km, ML3.5 ISCJB 06 16:20:11.5:1.5, 34.80S:0.05:72.2W:0.1, h12km, 10km, Error ellipse: s-maj=15.3km s-min=5.1km az=25.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GO05, NICH, COCH, CCHI, ANTU, CLCH, ROC1, ROC2, YEH1, FCH, ARCO, AUSD, ASAL, RTLS, RTVC, AMOC, AVEF, AGUA, TCUA.

GUC 06 16:20:11.6:1.7, 34.84S:0.05:72.24W:0.08, h23km, 14km, n20, r157/28, 2C-7D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LVC, PB06, PB06, PB14, PB14, PB10, PB09, PB09, PB04, PB04, PB07.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB07, PB01, PB01, PB11, PB11, DDA, CSEM, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

IDC 06 16:59:58.0:4.8, 28.17S:176.70W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.5/31, mbtmp3.5/2, Error ellipse: s-maj=109.5km s-min=34.6km az=118.0, Kermedec Islands region

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

MEX 06 17:12:03.0:3.0, 15.14N:92.91W, h88km, 25km, MD3.9, Mexico-Guatemala border region

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

ISCJB 06 17:17:22.1:0.2, 4.33S:0.02:152.92E:0.03, h55km, mb5.0/108, MS4.1/36, Error ellipse: s-maj=4.2km s-min=3.2km az=171.1

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

DJA 06 17:17:31.0:0.7, 5'S:4'15.3E', h88km, 9km, MS.3/12, mb5.2/12, mb5.5/5, MLV5.5/1, MW(m)5.0/4, Error ellipse: s-maj=5.2km s-min=3.5km az=78.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RABL, MANU, PMG, PMG, PMG, HNR, HNR, HNR, HNR, PATS, COEN, MTSU, CTA, CTA, CTA, GUMO, GUMO, QIS, FAKI, FAKI, EIDS, EIDS, EIDS, SWI, DZM, DZM, DZM, DZM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RMQ, MTN, MTN, WRAB, WRAB, WRAB, WRB2, WR1, WR1, WRA, WRA, WRA, ARMA, ARMA, KNRA, AS01, AS01, AS31, ASAR, ASAR, ASAR, LHI, CMSA, MGCD, SOEI, STKA, STKA, STKA, STKA, FITZ, FITZ, FITZ, FITZ, FITZ, MMRI, CNB, CAN, CAN, WTK, HTT, BB00, MILA, KAPI, TOO, ARPS, FORT, FORT, MBWA, TGY, MOO, TAU, TAU, JAGI, JOW, MEEK, KMBL, URZ, URZ, BKZ, THZ, YULB, GIRL, SNZO, FOZO, BFZ, TPUB, SSLB, LTZ, KHZ, YHNB, INU, OXZ, RPZ, RPZ, LBZ, KLBK, MORW.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include RTLS Leoncito, AUSP Uspallata, SJA San Juan, RTCV Cerro Valdivia, etc.

MEX 06 17:27:12.1±0.9, 16.89N×100.61W, h3km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include CAIG El Cayaco, AC2P Acapulco, ACX ACX, etc.

ISCJB 06 17:34:19.9±0.9, 10.7S, 0.1×165.11E, 0.09, h31km, mb3.6/5, MS3.5/2, Error ellipse: s-maj=18.3km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include HNR Honiara, HNR HNR, DZM DZM, etc.

ISC 06 17:34:21.9±1.1, 10.6S, 0.1×165.1E, 0.1, h31km, n9, ±25.10N, mb3.5/5, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include HNR Honiara, HNR HNR, DZM DZM, STKA STKA, etc.

ISCJB 06 17:46:14.2±0.8, 10.98N, 0.04±62.07W, 0.04, h101km, 7km, Error ellipse: s-maj=7.6km s-min=5.2km az=151.4

FUNV 06 17:46:15.9, 10.93N, 61.99W, h95km, MW2.6

ISC 06 17:46:16.6, 11.02N, 62.02W, h88km, MD2.9

ISC 06 17:46:14.2±1.0, 10.95N, 0.04±62.06W, 0.04, h107km, 10km, n14, ±19.07E, 1D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include GUVI Guiria, TCE Chacachacare, TRN Trinidad (W), etc.

ISCJB 06 17:48:55.6±0.7, 38.94N, 0.05±29.09E, 0.05, h10km, 9km, Error ellipse: s-maj=9.0km s-min=4.9km az=145.9

CSEM 06 17:48:55.8±0.4, 38.95N, 29.09E, h10km, MD2.2, Error ellipse: s-maj=11.2km s-min=6.5km az=140.0

DDA 06 17:48:55.8, 38.98N, 29.07E, h7km, MD2.8

ISK 06 17:48:55.6±1.0, 38.93N, 0.04±29.10E, 0.03, h12km, 9km, n18, ±6.76E, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include SIMA Simav-Kutahya

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include SIMA Simav-Kutahya, GEDZ Gediz, DEMI Demirci, etc.

NIED 06 17:58:00.37, 80N, 142.20E, h38km, Mw4.3 Best double couple: M2.73000×1015 NP1:334.00000°, 375.00000°, 1.80.00000°, NP2:374.00000°, 390.00000°, 1.50.00000°

BUI 06 17:58:30.2, 37.40N, 143.51E, h26km, mb4.6/4.1, m5.0/28, Ms4.7/14, Ms7.4/310

JMA 06 17:58:40.4±0.2, 37.76N, 142.25E, h38km, 5km, M4.3 JMA Feil II J1

ISCJB 06 17:58:40.3±0.7, 37.76N, 0.03±142.33E, 0.06, h33km, 5km, mb4.5/33, MS4.1/2, Error ellipse: s-maj=8.3km

NEIC 06 17:58:42.8±0.9, 37.75N, 142.41E, h43km, 7km, mb4.8/16, Error ellipse: s-maj=11.8km s-min=6.6km az=120.0

NEIC Recorded [2 JMA] in Fukushima, IDC 06 17:58:43.2±2.4, 37.78N, 142.28E, h40km, 21km, mb3.9/13, mb1.4/20, mb1mx3.8/59, mbtmp4.1/20, ML3.7/6, MS3.4/2, Ms1.4/20, ms1mx2.8/41, Error ellipse: s-maj=21.3km

ISC 06 17:58:40.2±1.9, 37.89N, 0.05±142.51E, 0.06, h25km, 13km, n91, ±25.1104, mb4.6/33, 1C, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include JIO Ouri, JFK Kawachi, JFM Marumori, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include JMO Ichinoseki, JMT Otama, JYS Shirataka, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include MAJO Matsushiro, MAT Matsushiro, MJB9 Matsu-Tunnel, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include HNJ Hachijo jima 2, HJH Hachijo jima 3, HJL Hachijo jima 4, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include ASAJ Asahikawa, YSS Yuzh-Sakhalins, USRK Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include JNU Nakatsue, KSRK Korea Array, KS01 Wonju Array Si, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include MDJ Mudjanjing, MDJ Mudjanjing, KLR KLR, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include PETK Petropavlovsk, TIA Tai'an, BJT BJT, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include YULB Yu-ii, TPUB TPUB, HHC Hu-ho-hao-te, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include HHC HHC, YAK Yakutsk, YAK Yakutsk, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include H1N2 WAKE ISLAND Hy 27.76 123 T, H1N1 WAKE ISLAND Hy 27.77 123 T, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include H1S1 WAKE ISLAND Hy 28.51 125 T, H1S3 WAKE ISLAND Hy 28.51 125 T, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include GYA Guiyang, GYA Guiyang, GYA Guiyang, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include GTA Gaotai, GTA Gaotai, GTA Gaotai, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include WMO Urumqi, WMO Urumqi, WMO Urumqi, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include ZAAO Zalesovo Array, ZAAO Zalesovo Array, ZAAO Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, MK01 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include MK01 Makanchi Array, MK01 Makanchi Array, MK01 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include MKAR Makanchi Array, MAKZ Makanchi, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include ILAR Dot Lake, KSH Kashi, KSH Kashi, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include DHAK Deception Hill, KKAR Karatay Array, ARU Arti, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include WRA Waramunga Arr, AKBAR Akbulak Array, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include MBWA Marble Bar, FIA0 FINESS Array S, FIA1 FINESS Array B, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include NB2 NORSA Subarra, NOA NORSA Array, AKASO Malin Array B, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include AKBB Malin Array Si, KHC Kasperske Hoy, GERES GERES Array B, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include TXAR Lajitas Array, LPAZ La Paz, IDC 06 18:02:37.0±1.8, 6.50S, 147.98E, h0km, mb3.9/5, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, etc.

6d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FITZ, STKA, VVND, MK32, MKAR.

BJI 06 18:05:10.3, 53.58N, 163.17W, h26km, mb4.6/14, m25.0/10, Ms4.4, 0.75, 4.4

IDC 06 18:05:11.8, 1.0, 54.03N, 163.36W, h0km, mb4.1/20, mb1.4/22, mb1mx4.0/67, mbmp4.1/22, ML3.5/2, Error ellipse: s-maj=28.6km s-min=14.6km az=166.0

NEIC 06 18:05:14.5, 53.84N, 163.13W, h14km, mb4.4/39, ML4.0(AEIC), After AEIC.

ISC 06 18:05:15.9, 1.4, 53.95N, 163.20W, h0.04, h29km, gkm, n171, s1936/176, mb4.3/63, Unimak Island region

Main table of seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations like ISLZ, SSSL, WESE, etc.

2013 AUG

Table of seismic events with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists events like WUAZ, X16A, H1N12, etc.

ISC/BJ 06 18:07:59.0, 0.3, 20.43S, 0.03, 68.83W, 0.05, h107km, 2km, mb4.6/73, Error ellipse: s-maj=7.3km s-min=4.4km

NEIC 06 18:07:59.0, 0.5, 20.42S, 68.77W, h91km, 5km, mb4.5/64, Error ellipse: s-maj=7.4km s-min=5.2km az=70.0

NEIC Felt III at Pica. IDC 06 18:08:00.4, 1.7, 20.39S, 68.81W, h96km, 18km, mb3.9/7, mb1.4/3/10, mb1mx4.0/30, mbmp4.4/10, MS2.9/1, Ms1.2.9/1, ms1mx2.6/23, Error ellipse: s-maj=24.6km s-min=14.9km az=114.0

BJI 06 18:08:01.0, 20.50S, 68.90W, h99km, mB5.2/2 GUC 06 18:08:01.5, 0.6, 20.49S, 69.05W, h99km, 3km, ML4.6 ISC 06 18:08:00.6, 0.0, 20.46S, 0.03, 68.91W, 0.06, h99km, 5km, n263, s088/276, mb4.5/73, 8C-2D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WUAZ, X16A, H1N12, etc.

300

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

6d 18h

Table with columns for station call letters, frequency, and signal strength. Includes stations like NKL, PETK, PEAOB, etc.

2011 AUG

Table with columns for station call letters, frequency, and signal strength. Includes stations like ZAA1, ZALV, ZALV, etc.

302

Table with columns for station call letters, frequency, and signal strength. Includes stations like BRVK, OPA, OPA, etc.

6d 20h

NEIC 06 18:54:09.1, 18:59N-67:72W, h24km, MD3.3(RSPR), After RSPR, RSPR 06 18:54:09.2, 18:59N-67:72W, h24km, MD3.3/9, 9C-1D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Isla Desecheo, Aguadilla, Mayaguez, Las Mesas, etc.

IDC 06 19:06:29.9, 2.7, 4.93N-93.97E, h0km, mb3.4/5, mb1 3.6/6, mb1 mx3.4/39, mbmp3.4/6, ML3.9/1, Error ellipse: s-maj=99.8km s-min=22.1km az=64.0

ISCJB 06 19:06:32.8, 0.9, 4.9N, 0.1, 94.0E, 0.1, h34km, mb3.7/7, Error ellipse: s-maj=20.1km s-min=9.3km az=139.1

NEIC 06 19:06:36.1, 2.6, 4.96N-94.05E, h45km, mb4.4/2, Error ellipse: s-maj=33.7km s-min=10.2km az=66.0

ISC 06 19:06:34.9, 1.3, 5.0N, 0.1, 94.0E, 0.2, h34km, n19, r123116, mb3.5/7, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Lhok Samawe, Gunungstigi, Prapat, Kutim, Ipoh, etc.

IDC 06 19:11:05.2, 2.1, 0.203S-178.14W, h52km, 205km, mb2.9/3, mb1 3.0/3, mb1 mx2.8/22, mbmp3.8/3, Error ellipse: s-maj=139.3km s-min=93.3km az=105.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Stephens Creek, Alice Springs, Warramunga, Malin Array, etc.

KRNET 06 19:12:29.4, 0.1, 39.21N-71.63E, mb3.0 SOME 06 19:12:30.6, 39.62N-71.63E, h0km NNC 06 19:12:35.2, 2.1, 39.39N-71.85E, h0km, mb4.0, mpv3.6

Error ellipse: s-maj=14.8km s-min=11.1km az=13.0, ISC 06 19:12:32.2, 1.1, 39.61N-0.04, 71.66E, 0.04, h10km, n14, r3913/27, 12C-7D, Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Karamyk, Batken, Arslanbob, Arkit, etc.

2011 AUG

Table with columns: BRLS, TKM2, TKM2, TKM2, DGS, DGS. Lists stations like Boroday, Tokmak 2, Degeres.

ISK 06 19:32:12.5, 39.40N-26.79E, h5km, MD2.8 CSEM 06 19:32:13.8, 0.1, 39.40N-26.79E, h5km, MD2.9, Error ellipse: s-maj=3.6km s-min=2.5km az=89.0

DDA 06 19:32:14.0, 39.42N-26.85E, h6km, Md2.9 ISC 06 19:32:14.2, 0.8, 39.40N-0.02, 26.82E, 0.02, h13km, g6km, n56, r1510/67, Turkey

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

ISCJB 06 19:51:17.3, 0.7, 37.19N, 0.04, 54.00E, 0.05, h10km, Error ellipse: s-maj=6.7km s-min=5.6km az=42.5

TEH 06 19:51:19.8, 37.09N, 54.07E, h1km, ML3.2 CSEM 06 19:51:22.0, 0.3, 37.23N-53.99E, h40km, ML3.2, Error ellipse: s-maj=7.6km s-min=5.5km az=6.0

AZER 06 19:51:25.4, 2.1, 36.98N-53.56E, h45km, Error ellipse: s-maj=17.5, 4.2, 1.3, s-min=21.2, 2km az=24.0

ISC 06 19:51:17.9, 0.1, 37.21N, 0.04, 54.02E, 0.05, h10km, n26, r172/35, 4C-2D, Iran-Turkmenistan border region

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

IDC 06 20:00:13.0, 0.8, 9.14N-126.09E, h0km, mb3.9/11, mb1 4.1/11, mb1 mx3.8/46, mbmp3.9/11, MS4.0/2, MS1 4.0/2, ms1 mx2.9/47, Error ellipse: s-maj=51.9km s-min=14.7km az=82.0

MAN 06 20:00:19.9, 0.9N-126.33E, h15km, mb4.8, ML3.8, MS3.8 NEIC 06 20:00:26.5, 1.0, 9.09N-126.11E, h11km, 10km, mb4.6/10, Error ellipse: s-maj=16.4km s-min=5.6km az=77.0

ISC 06 20:00:22.8, 1.5, 9.13N, 0.05, 126.33E, 0.1, h79km, 15km, n41, r1984/40, mb4.2/18, 5C-2D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Cagayan de Oro, Davao City, Warramunga, etc.

6A 22h

MOA	Molin	3.80	199	Pn	Pn	20 59	18.1	-0.4
	comp=Z,0.2nm,0.2s							
MOA				Sg	Sg	21 00	22.3	+1.5
	comp=Z,2.3nm,0.3s							
MOA	Molin	3.80	199	Pn	Pn	20 59	18.1	-0.4
	comp=Z,0.2nm,0.2s							
MOA				Sg	Sg	21 00	22.3	+1.5
	comp=Z,2.3nm,0.3s							
STHS	Stebnicka Huta	3.89	120	eSg	Sg	21 00	25.4	+1.9
STHS	Stebnicka Huta	4.29	120	eSg	Sg	21 00	25.4	+1.9
ARSA	Arzberg	4.23	185	Sg	Sg	21 00	32.6	-1.9
	comp=Z,1.3nm,0.4s							
ARSA	Arzberg	4.23	185	Sg	Sg	21 00	32.6	-1.9
	comp=Z,1.3nm,0.4s							
KBA	Koelnbreinspre	4.74	203	Pn	Pb	20 59	45.2	+2.5
KBA				Sg	Sg	21 00	54.2	+3.4
	comp=Z,1.2nm,0.5s							
SOKA	Soboth	4.84	189	Sg	Sg	21 00	55.8	+1.8
	comp=Z,0.7nm,0.4s							
SOKA	Soboth	4.84	189	Sg	Sg	21 00	55.8	+1.8
	comp=Z,0.7nm,0.4s							

KRSC 06 21:03:30.2±1.1,54.19N:162.95E, h40km±18km, ML3.7,

Code	Station Name	Δ° AZ°	Phase	ID	Time	Res
					h m s	ISC
MKZ	Mys Kozlova	0.80	297	Op	21 03	45.3 +0.3
MKZ				eS	21 03	55.6 -0.1
TUMD	Tumrok D	1.79	305	eP	21 04	09.9 +2.3
KZV	Kizim	1.80	302	eP	21 04	01.0 +2.2
BKI	Bering	2.02	59	eS	21 04	27.3 +1.5
SPN	Mys Shipunski	2.06	239	eP	21 04	05.0 +2.8
SPN				eS	21 04	29.0 +2.3
ZLN	Zelenaya	2.20	327	eP	21 04	07.5 +3.2
KMNR	Kamenistaya	2.25	316	eP	21 04	09.9 +3.1
BZMR	Bezrymyannaya	2.25	322	eP	21 04	08.3 +3.3
LGNR	Loginova	2.29	326	eP	21 04	08.1 +2.3
CIRR	Tsirk	2.30	328	eP	21 04	08.9 +3.2
KIRR	Kirishev	2.31	321	eP	21 04	07.0 +1.1
KPT	Kopyto	2.37	320	eP	21 04	09.8 +3.2
KIC	Nalytchevo	2.38	277	eS	21 04	37.7 +3.1
KRSR	Krestovskiy	2.44	327	eP	21 04	10.5 +2.8
KLK	Klyuchi	2.50	329	eP	21 04	11.2 +2.9
BDR	Baidarnaya	2.58	338	eP	21 04	11.9 +2.4
SDLR	Sedlovina	2.58	251	eP	21 04	12.6 +3.0
SDLR				eS	21 04	42.6 +2.3
SMAR	Somma	2.64	251	eP	21 04	14.0 +4.0
SMAR				eS	21 04	45.6 +4.4
UGLR	Uglovaya	2.64	250	eP	21 04	13.9 +3.5
UGLR				eS	21 04	44.8 +3.5
KRER	Koryakskaya	2.65	252	eP	21 04	13.7 +3.2
KRER				eS	21 04	44.5 +3.3
SRKR	Sorokina	2.67	338	eP	21 04	12.8 +2.1
AVH	Avacha	2.67	251	eP	21 04	14.3 +3.6
AVH				eS	21 04	45.2 +3.4
KRX	Arik	2.69	254	eP	21 04	14.0 +3.0
KRX				eS	21 04	44.7 +2.4
KOK	Koryaka	2.72	252	eP	21 04	15.5 +4.1
KOK				eS	21 04	47.2 +4.2
DALK	Dalny	2.76	247	eP	21 04	16.0 +4.2
ESO	Esso	3.00	307	eP	21 04	18.2 +3.0
GNL	Ganally	3.00	262	eP	21 04	19.1 +3.8
GNL				eS	21 04	33.9 +3.2
KRMR	Karymshinskiy	3.19	247	eP	21 04	21.1 +3.4
KRMR				eS	21 04	57.3 +2.9
RUS	Russkaya	3.19	238	eP	21 04	21.2 +3.4
RUS				eS	21 04	57.1 +2.5
ASAK	Asacha	3.53	241	eP	21 04	26.9 +4.3

DDA 06 21:10:39.6,39.37N:26.90E, h7km, MD2.8, Turkey

Code	Station Name	Δ° AZ°	Phase	ID	Time	Res
					h m s	ISC
BALY	Balya	0.67	56	Op	21 10	52.3 +0.3
BALY				iS	21 10	02.5 -0.0
DGB	zmir	1.32	180	iP	21 11	04.0 +0.0
DGB				iS	21 11	22.9 +0.6
DEMI	Demirci	1.45	102	iP	21 11	07.6 +0.1
DEMI				iS	21 11	27.6 +1.2

CSEM 06 21:10:43.2,35.78N:29.73E, h9km, MD3.1

ISK 06 21:10:43.2,35.78N:29.73E, h9km, MD3.1, Eastern Mediterranean Sea

Code	Station Name	Δ° AZ°	Phase	ID	Time	Res
					h m s	ISC
ELL	Elmali	0.98	8	eP	21 11	02.3 -0.1
ELL				eP	21 11	02.3 -0.1
FETY	Fethiye	1.00	329	eP	21 11	03.1 +0.3
FETY				eS	21 11	17.0 -0.0
FETY	Fethiye	1.00	329	eP	21 11	03.1 +0.3
FETY				eSg	21 11	17.0 -0.0
ANTB	Antalya	1.34	33	eP	21 11	08.8 -0.2
ANTB				eP	21 11	08.8 -0.2
DALY	Dalyan (Mu'la)	1.35	320	eP	21 11	08.4 +0.2
DALY				eP	21 11	08.4 +0.2
GLHS	Gilislar (BURDU)	1.39	352	eP	21 11	09.8 -0.1
GLHS	Gilislar (BURDU)	1.39	352	eP	21 11	09.8 -0.1
GOLH	Golhisar	1.46	355	iP	21 11	10.8 +0.1
GOLH				iS	21 11	39.9 +1.0
DAT	Datca	1.98	299	eP	21 11	18.6 -1.0
DAT				eP	21 11	18.6 -1.0
KARP	Karpathos	2.11	264	eP	21 11	19.3 +0.6
KARP				eP	21 11	19.3 +0.6
TEKE	Tekeli-Mersin	2.77	81	eP	21 11	29.0 +1.3
TEKE				eP	21 11	29.0 +1.3
IKL	Iskili	3.24	81	eP	21 11	35.6 +1.4
IKL				eP	21 11	35.6 +1.4
KEBE	Keben-Mersin	3.29	77	eP	21 11	36.5 +1.5
KEBE				eP	21 11	36.5 +1.5

ISK 06 21:12:41.8,38.48N:31.83E, h5km, MD2.9

CSEM 06 21:12:42.0,38.46N:31.80E, h2km, MD2.6, Error ellipse: s-maj=3.3km s-min=2.4km az=32.0

DDA 06 21:12:42.0,38.42N:31.76E, h7km, MD2.6

ISK 06 21:12:42.2,1.3846N:0.02-31.80E:0.02, h4km±11km, n45, e0632/59, Turkey

Code	Station Name	Δ° AZ°	Phase	ID	Time	Res
					h m s	ISC
KDHN	Kadinhani	0.25	77	iP	21 12	47.0 -0.1
KDHN				iS	21 12	50.8 +0.4
KDHN	Kadinhani	0.25	77	iP	21 12	47.0 -0.1
KDHN				Sg	21 12	50.8 +0.4
KIZT	Kizilcal	0.42	8	eP	21 12	50.0 -0.3
KIZT				eP	21 12	50.0 -0.3
LADK	Ladik-KONYA	0.51	121	eP	21 12	50.0 0.0
LADK				eSg	21 12	50.0 0.0
LADK	Ladik-KONYA	0.51	121	eP	21 12	50.0 0.0
LADK				eSg	21 12	50.0 0.0
KONT	Konya-Tatoy	0.68	140	eP	21 12	55.1 -0.1
KONT				iP	21 12	55.3 +0.1
KONT	Konya-Tatoy	0.68	140	eP	21 12	55.1 -0.1
KONT				eP	21 12	55.3 +0.1
BOLV	Bolvadin	0.72	291	iP	21 12	56.2 +0.3
BOLV				iS	21 12	56.2 +0.3
BOLV	Bolvadin	0.72	291	iP	21 12	56.2 +0.3
BOLV				Sg	21 12	56.2 +0.3
KMER	Konya-Merem	0.82	147	iP	21 12	58.4 -0.7
KMER				iS	21 12	58.4 -0.7
KMER	Konya-Merem	0.82	147	iP	21 12	58.4 -0.7
KMER				Sb	21 12	58.4 -0.7
CHBY	Cihanbeyli	0.86	82	eP	21 12	58.6 -0.1
CHBY				eP	21 12	58.6 -0.1
SHUT	Suhut-Afyon	0.89	276	eP	21 13	01.1 -0.0
SHUT				eP	21 13	01.1 -0.0
SVRH	Sivrihisar-ESK	1.01	348	eP	21 13	01.1 -0.4
SVRH				eP	21 13	01.1 -0.4
KULU	Kulu	1.10	58	eP	21 13	03.2 -0.1
KULU				eP	21 13	03.2 -0.1
KKUL	Konya-Kulu	1.12	51	iS	21 13	21.1 +0.4
KKUL				iS	21 13	21.1 +0.4
KKUL	Konya-Kulu	1.12	51	iS	21 13	21.1 +0.4
KKUL				Pn	21 13	05.2 -0.3
SUTC	Sutluce-Ispart	1.17	213	eP	21 13	05.2 -0.3
SUTC				eP	21 13	05.2 -0.3
ISP	Isparta	1.20	238	eP	21 13	06.0 +0.2

2011 AUG

ISP	Isparta	1.20	238	eP	Pn	21 13	06.0	+0.2
ESKT	Eskisehir	1.29	325	eP	Pg	21 13	06.9	-0.1
ESKT	Eskisehir	1.29	325	iP	Pg	21 13	06.9	-0.1
ESKT				iS	Sb	21 13	24.0	-0.1
ESKT	Eskisehir	1.29	325	eP	Pg	21 13	06.9	-0.1
SEVT	Eskisehir	1.29	325	P	Pg	21 13	06.9	-0.1
SEVT				S	Sb	21 13	24.0	-0.1
SULT	Sultanhani-AKS	1.37	101	eP	Pn	21 13	08.5	0.0
SULT	Sultanhani-AKS	1.37	101	eP	Pg	21 13	08.5	0.0
AFAR	AF ar-Bala (A)	1.39	45	eP	Pn	21 13	08.4	-0.1
AFAR	AF ar-Bala (A)	1.39	45	eP	Pg	21 13	08.4	-0.1
SERE	Serefliokchisa	1.46	70	eP	Pn	21 13	09.5	-0.1
SERE	Serefliokchisa	1.46	70	eP	Pg	21 13	09.5	-0.1
HDMB	Hadim	1.59	160	eP	Pn	21 13	11.4	+0.1
HDMB				eP	Pg	21 13	11.4	+0.1
KAMT	Kaman	1.74	58	eP	Pn	21 13	13.8	+0.5
KAMT				eP	Pg	21 13	13.8	+0.5
BORA	Eskisehir	1.76	324	iP	Pn	21 13	15.6	-0.4
BORA				iS	Sb	21 13	37.7	+0.1
BORA	Eskisehir	1.76	324	iP	Pg	21 13	15.6	-0.4
BORA				S	Sb	21 13	37.7	+0.1
GULA								

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IGUA Iguatala, BMAS Trigal station, ARRY Array, BPAT Tungurahua Vol, etc.

ISCJB 07 01:02:31.0±0.5, 39.82N±0.03, 110E±0.04, h12km, 5km, Error ellipse: s-maj=5.6km s-min=4.9km az=179.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LOD Lodumlu, BBAL Bala, AFAR-Afara (A), etc.

AFSEF 07 01:03:41.1, 35.98N±29.08E, h3km, MD2.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FETHIYE Fethiye, DALY Dalyan (Mu'la), etc.

ISCJB 07 01:12:13.2±0.8, 11.16N±0.05, 61.93W±0.04, h83km, 9km, Error ellipse: s-maj=9.1km s-min=6.2km az=150.7

FUNV 07 01:12:16.7, 11.10N±61.96W, h64km, MW2.6

TRW 07 01:12:17.2, 11.29N±61.73W, h16km, MD2.7

ISC 07 01:12:18.5±1.5, 11.20N±0.05, 61.95W±0.05, h84km±12km, n14, c1563/21, 1D, Windward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TCE Chacachacare, GUIR Guiria, TRN Trinidad (W), etc.

NIED 07 01:12:00.37±80N, 143.70E, h5km, Mw3.5, Best double couple: M=2.05000x1014 NP1=186.00000, 836.00000, lambda=123.00000, NP2=44.00000, 860.00000, lambda=68.00000

ISC 07 01:12:14.2±2.1, 37.68N±144.25E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.5/9, mbtm3.6/4, ML3.2, Error ellipse: s-maj=5.7km s-min=3.4km az=80.0

ISCJB 07 01:12:17.0±0.7, 37.81N±143.92E, 0.0E, h33km, mb3.7/2, Error ellipse: s-maj=7.2km s-min=6.5km az=29.8

JMA 07 01:12:19.0±0.2, 37.76N±143.75E, h5km, M3.8

ISC 07 01:12:18.5±1.4, 37.80N±0.06, 143.92E±0.08, h35km, n16, c1563/27, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JIO Ouri, OFUJ Ofunato, JMK Ichinoseki

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JMK Ohasama, JOM JOM, JFT Otama, etc.

KRNET 07 01:16:22.8±0.1, 40.33N±71.35E, h8km, mb3.1

SOME 07 01:16:23.8±0.1, 40N±71.42E, h5km

ISC 07 01:16:26.5±1.8, 40N±71.23E, h11km, 7km, mb3.8, mb3.4, Error ellipse: s-maj=9.5km s-min=6.8km az=18.0

ISC 07 01:16:22.1±1.1, 40.41N±71.37E±0.02, h4km±10km, n43, c240/76, 22C-21D, Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BTK Batken, BTK batz-236, DRK Karamyk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ARXS, KPKS Kokpek, KPKS Kurchatov Arra, etc.

MAN 07 01:17:00.855N±126.26E, h1km, mb4.1, ML3.0, MS2.7, 2C-3D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BIPH Bislig, CAGAYAN de Oro, DMPH Davao City-Mi, etc.

IDC 07 01:20:59.2±1.9, 39.43N±143.24E, h0km, mb3.6/4, mb1 3.8/6, mb1mx3.5/48, mbtm3.6/6, ML2.7/2, MS3.8/1, Ms1 3.8/1, ms1mx2.5/52, Error ellipse: s-maj=45.5km s-min=23.7km az=65.0

NIED 07 01:21:00.39±20N, 142.40E, h2km, Mw3.4, Best double couple: M=1.50000x1014 NP1=275.00000, 88.00000, lambda=173.00000, NP2=178.00000, 889.00000, lambda=82.00000

ISCJB 07 01:21:05.7±1.4, 39.26N±0.04±142.49E±0.09, h30km, 6km, mb3.8/1, MS3.8/1, Error ellipse: s-maj=12.3km s-min=6.9km az=6.9

JMA Felti J1, JMA 07 01:21:06.2±2.3, 39.27N±105.142E±0.1, h27km±12km, n17, c151/25, mb3.7/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MIYJ Miyakonagasawa, OFUJ Ofunato, JTH Tanohata, etc.

IDC 07 01:25:48.5±2.9, 29.18N±85.34E, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.15/1, mbtm3.5/4, ML3.2/1, 1C, Error ellipse: s-maj=94.3km s-min=28.2km az=71.0, Kizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JBP Jabalpur, MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

ISCJB 07 01:39:51.0±0.7, 60.93S±0.08±54.6W±0.2, h10km, mb4.1/8, MS3.2/4, Error ellipse: s-maj=16.9km s-min=10.8km az=157.2

IDC 07 01:39:51.0±1.1, 60.90S±54.32W, h0km, mb3.7/4, mb1 3.9/6, mb1mx3.7/22, mbtm3.8/6, ML4.1/2, MS3.3/4, Ms1 3.3/4, ms1mx3.0/24, Error ellipse: s-maj=37.2km s-min=21.1km az=56.0

NEIC 07 01:39:52.3±0.4, 60.89S±54.37W, h10km, mb4.2/3, Error ellipse: s-maj=13.4km s-min=8.5km az=65.0

ISC 07 01:39:52.6±0.7, 61.04S±0.08±54.84W±0.08, h10km, n25, c1572/19, mb4.1/8, MS3.2/4, South Shetland Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PMSA Palmer Station, PMSA Paso Flores, PMSA Ushuaia, etc.

QUA2	Belchertown	30.16	342	eP	P	04 07 18.4	+1.2
TKL	Tuckaleechee C	30.24	320	eP	Pmax	04 07 18.6	+0.5
TKL	Tuckaleechee C	30.24	320	eP	P	04 07 18.6	+0.5
NNA	Nana	30.46	213	iP	P	04 07 20.1	-0.1
NNA	Nana	30.46	213	eP	P	04 07 18.7	-1.5
CPCT	Cooper Cave	30.59	319	eP	P	04 07 21.8	+0.8
TZTN	Tazewell	30.68	322	eP	P	04 07 22.6	+0.7
348A	Jackson	30.72	309	P	P	04 07 22.8	+0.5
SSPA	Standing Stone	30.77	333	eP	P	04 07 23.9	+1.2
056A	Blue Knob Stat	30.77	332	P	P	04 07 23.7	+0.9
CCIG	Comitan	30.79	279	eP	P	04 07 23.7	+0.4
LRAL	Lakeview Retre	30.87	313	eP	P	04 07 24.2	+0.6
248A	Dixon Mills	30.93	311	P	P	04 07 24.6	+0.4
LPZA	La Paz	30.94	195	P	P	04 07 25.9	+0.9
LPZA	La Paz	30.94	195	eP	LR	04 21 06.7	
TRY	Troy	30.98	341	eP	P	04 07 25.8	+1.4
447A	Lucedale	31.01	308	P	P	04 07 25.2	+0.4
FFD	Franklin Falls	31.06	344	eP	P	04 07 26.7	+1.6
347A	Saraland	31.20	309	P	P	04 07 26.9	+0.4
BINY	Binghamton	31.23	337	eP	P	04 07 28.7	+1.2
EMMW	East Meads	31.33	350	eP	P	04 07 28.9	+1.4
SWET	Sewanee	31.36	317	eP	P	04 07 28.8	+0.8
Z48A	Northport	31.45	313	P	P	04 07 29.2	+0.5
HNB	Hanover	31.45	343	eP	P	04 07 30.1	+1.6
247A	Gutman	31.56	310	P	P	04 07 30.1	+0.4
446A	Poplarville	31.56	307	P	P	04 07 30.0	+0.3
ACCN	Adirondack Com	31.57	341	eP	P	04 07 30.6	+1.0
147A	Livingston	31.61	311	P	P	04 07 30.6	+0.5
WVL	Waterville	31.61	347	eP	P	04 07 31.6	+1.6
GGN	Saint George	31.63	351	eP	P	04 07 31.8	+1.7
Z47A	Carrollton	31.73	312	P	P	04 07 31.7	+0.5
LBNH	Lisbon	31.85	344	eP	Pmax	04 07 33.8	+1.7
LBNH	Lisbon	31.85	344	eP	P	04 07 33.8	+1.7
Y47A	UCPARC	31.93	313	P	P	04 07 33.4	+0.5
MDV	Middlebury	31.98	342	eP	P	04 07 34.3	+1.1
N54A	Moraine State	31.98	331	P	P	04 07 34.1	+0.8
LMN	Caledonia Moun	32.10	354	eP	P	04 07 35.5	+1.2
146A	Union	32.17	310	P	P	04 07 35.3	+0.3
PKME	Peaks of Lenny Pk	32.20	348	eP	LR	04 07 36.6	+1.4
M54A	Oil Creek Stat	32.27	332	P	P	04 07 36.7	+0.8
NCB	Newcomb	32.27	341	eP	P	04 07 37.0	+1.1
345A	Thompson Farm	32.30	307	P	P	04 07 36.5	+0.3
Z46A	Louisville	32.35	311	P	P	04 07 37.1	+0.4
MMNY	Mt. Morris Dam	32.52	336	eP	S	04 07 39.2	+1.2
245A	Little Ap, Sta	32.52	309	P	P	04 07 38.4	+0.7
ALLY	Alleghey Colle	32.59	332	eP	P	04 07 39.9	+1.2
Y46A	Houston	32.64	313	P	P	04 07 39.5	+0.4
145A	Houston Renfro	32.80	310	P	P	04 07 40.9	+0.3
FRNY	Flat Rock	32.86	343	eP	P	04 07 42.1	+1.2
344A	Westbrook Farm	32.90	307	P	P	04 07 41.8	+0.3
ACSO	Alum Creek Sta	32.92	327	eP	P	04 07 42.5	+1.0
LONY	Lake Ozonia	32.97	341	eP	P	04 07 42.8	+0.8
Z45A	Winona	32.99	311	P	P	04 07 42.6	+0.4
BUF	Buffal	33.06	335	eP	P	04 07 44.0	+1.3
VBMS	Vicksburg	33.07	309	P	P	04 07 43.3	+0.3
244A	Avery, Jackson	33.12	308	P	P	04 07 43.6	+0.2
Y45A	Yeager Farm, C	33.12	312	P	P	04 07 43.7	+0.3
WVT	Waverly	33.15	317	eP	Pmax	04 07 44.0	+0.4
WVT	Waverly	33.15	317	eP	P	04 07 44.0	+0.4
144A	Alexander Plac	33.18	309	P	P	04 07 44.2	+0.3
543A	St. Martinville	33.24	304	P	P	04 07 44.6	+0.2
X45A	UM Field Stati	33.30	313	P	P	04 07 45.4	+0.4
PQI	Presque Isle	33.33	350	eP	P	04 07 46.3	+1.3
OXF	Oxford	33.35	313	eP	Pmax	04 07 46.3	+0.9
OXF	Oxford	33.35	313	eP	Pmax	04 07 46.2	+0.9
OXF	Oxford	33.35	313	eP	P	04 07 46.2	+0.9
WCI	Wyandotte Cave	33.44	321	eP	Pmax	04 07 47.1	+1.0
WCI	Wyandotte Cave	33.44	321	eP	P	04 07 47.1	+1.0
443A	Delano Plantat	33.44	305	P	P	04 07 46.4	+0.2
Y44A	Strider, Charl	33.66	312	P	P	04 07 48.4	+0.4
243A	Waterproof	33.66	307	P	P	04 07 48.2	+0.1
Y45A	Humboldt	33.69	315	P	P	04 07 48.8	+0.5
X44A	Crenshaw	33.73	313	P	P	04 07 50.3	+0.4
442A	Mamou	33.94	305	P	P	04 07 50.6	+0.1
143A	Socs Landing,	33.96	309	P	P	04 07 50.8	+0.2
Y42A	Flagon Creek P	34.11	306	P	P	04 07 52.2	+0.1
343A	Makayla and Ka	34.15	311	P	P	04 07 52.6	+0.2
PLVO	Plevna	34.17	339	eP	P	04 07 53.0	+0.6
242A	Grayson	34.25	307	P	P	04 07 53.3	+0.1
142A	Monroe	34.30	308	P	P	04 07 53.9	+0.2
V44A	Blytheville	34.38	315	P	P	04 07 54.7	+0.4

TRQ	Mont Tremblant	34.41	342	eP	P	04 07 55.5	+1.1
X43A	Marvell	34.41	312	P	P	04 07 54.9	+0.3
S45A	Carroll Mills	34.53	319	P	P	04 07 56.0	+0.4
441A	DeRidder	34.56	305	P	P	04 07 55.9	+0.1
441A	DeRidder	34.56	305	eP	P	04 07 56.6	+0.8
Z42A	La Marbaie	34.62	309	P	P	04 07 56.5	+0.2
SADO	Sadowa	34.71	336	eP	P	04 07 57.2	+0.1
Y42A	Green Star	34.75	310	P	P	04 07 57.7	+0.2
341A	Kurthwood	34.76	306	P	P	04 07 57.8	+0.1
AAM	Ann Arbor	34.78	329	eP	Pmax	04 07 58.8	+1.1
AAM	Ann Arbor	34.78	329	eP	P	04 07 58.8	+1.1
241A	No. Tay, Goldon	34.83	307	P	P	04 07 58.2	0.0
T44A	Benton	34.85	317	P	P	04 07 58.8	+0.4
X42A	Stuttgart	34.97	312	P	P	04 07 59.4	0.0
S44A	Carbondale	34.98	318	P	P	04 07 60.0	+0.6
141A	Papa Simpson,	35.06	308	P	P	04 08 00.3	+0.1
440A	Kirbyville	35.17	304	P	P	04 08 01.0	-0.2
R44A	Waltonville	35.19	319	P	P	04 08 01.5	+0.3
W42A	Bald Knob	35.24	313	P	P	04 08 01.6	-0.1
Z41A	Richland Creek	35.26	309	P	P	04 08 01.8	-0.1
SFIN	Lafayette	35.30	323	P	P	04 08 02.5	+0.3
SFIN	Lafayette	35.30	323	eP	P	04 08 03.0	+0.8
340A	Bronson	35.36	305	P	P	04 08 02.9	0.0
DRLN	Deer Lake	35.36	3	eP	P	04 08 03.5	+0.9
Y41A	Egglett Beard	35.38	310	P	P	04 08 03.1	+0.1
V42A	Cord	35.41	314	P	P	04 08 03.4	+0.3
S43A	Fulton Ridge,	35.45	317	P	P	04 08 03.8	+0.3
240A	Hunter Patters	35.50	306	P	P	04 08 04.1	+0.1
Q44A	Meyer Farm, Va	35.53	320	P	P	04 08 04.7	+0.5
S39A	Cross D Ranch,	35.57	303	P	P	04 08 04.6	0.0
U42A	Reviden	35.58	315	P	P	04 08 05.1	+0.4
X41A	Kaden, Bauxite	35.59	311	P	P	04 08 04.9	+0.2
140A	Cam and Jess,	35.59	307	P	P	04 08 04.7	-0.1
P44A	Sand Creek, Wi	35.63	321	P	P	04 08 05.5	+0.4
WLAR	White Oak Lake	35.67	309	eP	P	04 08 07.5	+2.1
Z40A	Long Farm, Mag	35.71	308	P	P	04 08 06.0	+0.3
W41B	Gar Mavity, V	35.71	312	P	P	04 08 06.1	+0.3
R43A	Red Bud	35.75	318	P	P	04 08 06.5	+0.4
WHAR	Woolly Hollow	35.80	312	eP	P	04 08 07.3	+0.8
X40A	Basin Creek Fa	35.82	311	P	P	04 08 07.0	+0.3
PB01	IPOC Station P	35.84	195	eP	P	04 08 05.7	-1.4
X301	Greenbrier St	35.85	312	eP	P	04 08 07.5	+0.5
339A	Huntington	35.86	305	P	P	04 08 07.2	+0.1
V41A	Mountainview	35.94	313	P	P	04 08 07.9	+0.1
Y40A	Okolona	35.94	310	P	P	04 08 07.9	+0.1
638A	Rosaron	35.95	301	P	P	04 08 07.8	-0.1
Q43A	New Douglas	35.98	319	P	P	04 08 08.5	+0.4
Z39A	Gary	36.05	306	P	P	04 08 08.6	-0.1
U41A	Viola	36.05	314	P	P	04 08 08.7	+0.1
NATX	Nacogdoches	36.10	305	P	P	04 08 09.1	-0.1
NATX	Nacogdoches	36.10	305	eP	P	04 08 11.1	+1.9
538A	Harpers Horsep	36.24	303	P	P	04 08 10.4	0.0
139A	Bunkhouse Ranc	36.24	307	P	P	04 08 10.2	-0.1
T41A	Mountain View	36.30	315	P	P	04 08 10.9	+0.1
Z39A	Iren McRaven,	36.30	308	P	P	04 08 10.9	+0.1
R42A	Lueberling	36.31	318	P	P	04 08 11.2	+0.3
W40A	Ferguson Farm,	36.31	312	P	P	04 08 11.1	+0.1
MIAR	Mount Ida	36.39	310	P	P	04 08 11.8	+0.1
MIAR	Mount Ida	36.39	310	eP	Pmax	04 08 11.8	+0.1
MIAR	Mount Ida	36.39	310	eP	MLR	04 08 11.8	+0.1
MIAR	Mount Ida	36.39	310	eP	LR	04 08 11.8	+0.1
V40A	Witts Springs	36.42	313	P	P	04 08 12.0	0.0
338A	Crockett	36.47	304	P	P	04 08 12.5	+0.1
Q42A	Golden Eagle	36.50	319	P	P	04 08 12.6	+0.1
Z38A	Locksburg	36.52	309	P	P	04 08 12.9	+0.1
Y39A	Jacksonville	36.55	306	P	P	04 08 13.1	+0.1
S41A	Jilico Farms,	36.57	316	P	P	04 08 13.1	0.0
HDIL	Hopedale	36.70	322	P	P	04 08 14.7	+0.5
HDIL	Hopedale	36.70	322	eP	P	04 08 14.9	+0.7
R41A	Rosebud	36.70	317	P	P	04 08 14.4	+0.2
U40A	Yellville	36.71	313	P	P	04 08 14.5	+0.1
P42A	Winchester	36.77	320	P	P	04 08 15.1	+0.3
138A	Matlatl Enter	36.77	307	P	P	04 08 14.9	0.0
X39A	Fountain Ranch	36.78	310	P	P	04 08 15.1	+0.2
W39A	Magazine	36.84	311	P	P	04 08 15.6	+0.2
S37A	Derby Hill Far	36.87	302	P	P	04 08 15.7	0.0
T40A	Mansfield	36.87	315	P	P	04 08 15.8	+0.1
Z37A	Mt. Pleasant	36.92	308	P	P	04 08 16.1	0.0
337A	Centerville	36.92	304	P	P	04 08 16.2	0.0
TLIG	Titapa	36.95	281	eP	P	04 08 18.0	+1.3
O42A	Bath	36.96	321	P	P	04 08 16.7	+0.3
Q41A	Truxton	36.97	318	P	P	04 08 16.8	+0.3
VLDQ	Val d'Or	36.98	341	eP	P	04 08 18.1	+1.6

Y38A	Idabel	37.00	309	P	P	04 08 17.3	+0.5
V39A	Pettigrew	37.03	312	P	P	04 08 18.0	+0.9
S40A	Lebanon	37.09	315	P	P	04 08 17.8	+0.3
Z37A	Washetta, Mont	37.10	305	P	P	04 08 17.6	-0.1
GLMI	Graying	37.12	331	eP	P		

O38A	Galt	baz=119,SNR=7.4	39.06 318	P	P	04 08 34.2 +0.1
Q37A	Longview Farm,	baz=123,SNR=6.3	39.06 316	P	P	04 08 33.8 -0.3
633A	Seathoff Ranch	baz=128,SNR=7.1	39.08 300	P	P	04 08 34.1 -0.4
134A	White-Moore Ra	baz=110,SNR=7.1	39.10 305	P	P	04 08 34.4 -0.2
W35A	Tecumseh	baz=114,SNR=18	39.11 309	P	P	04 08 34.2 -0.4
K40A	Colesburg	baz=128,SNR=15	39.11 323	P	P	04 08 34.6 +0.1
533A	Kerrville	baz=106,SNR=5.5	39.12 301	P	P	04 08 34.6 -0.3
T36A	Boggs Farm, Ca	baz=117,SNR=34	39.19 313	P	P	04 08 35.2 0.0
Z34A	Colliver Ranch,	baz=119	39.24 306	P	P	04 08 35.7 0.0
I41A	Arkdale	baz=131	39.26 326	P	P	04 08 36.2 +0.4
N38A	Joes South For	baz=124,SNR=8.0	39.27 319	P	P	04 08 35.9 0.0
L39A	Vinton	baz=126,SNR=36	39.27 322	P	P	04 08 35.9 0.0
S36A	Lake Cedric, C	baz=119,SNR=11	39.29 314	P	P	04 08 35.6 -0.4
J40A	Soldiers Grove	baz=129,SNR=30	39.32 324	P	P	04 08 36.4 +0.2
Y34A	Reagan Ranch,	baz=111,SNR=50	39.33 307	P	P	04 08 36.5 +0.1
V35A	Meyer Ranch, C	baz=114,SNR=13	39.33 310	P	P	04 08 36.3 -0.1
P37A	Lathrop	baz=121,SNR=42	39.35 317	P	P	04 08 36.7 +0.2
433A	Art	baz=107,SNR=24	39.36 302	P	P	04 08 36.2 -0.6
333A	Richland Sprin	baz=107,SNR=19	39.44 303	P	P	04 08 36.7 -0.7
832A	Faith Ranch, C	baz=103	39.48 298	P	P	04 08 37.3 -0.5
U35A	Pawnee	baz=115,SNR=20	39.50 311	P	P	04 08 37.8 0.0
R36A	Gordon, Harris	baz=118,SNR=7.3	39.51 315	P	P	04 08 37.4 -0.4
K39A	Delwein	baz=127,SNR=22	39.55 323	P	P	04 08 37.9 -0.3
I40A	Norwalk	baz=130	39.56 325	P	P	04 08 38.4 +0.2
233A	Rising Star	baz=108,SNR=21	39.58 304	P	P	04 08 38.3 -0.3
T35A	Sooner Cattle	baz=116,SNR=20	39.58 312	P	P	04 08 38.4 -0.1
M38A	Pleasantvill	baz=124,SNR=23	39.60 320	P	P	04 08 38.6 +0.1
X34A	Smith Ranch, M	baz=112,SNR=40	39.62 308	P	P	04 08 38.8 -0.1
133A	Hamilton Ranch	baz=109	39.78 305	P	P	04 08 40.0 -0.2
S35A	Otter Creek Ra	baz=117,SNR=8.6	39.78 313	P	P	04 08 39.9 -0.2
Q36A	Arnold, C. Orve	baz=119	39.78 315	P	P	04 08 40.3 +0.1
W34A	Bridge Creek,	baz=113,SNR=9.5	39.82 309	P	P	04 08 40.3 -0.2
W34A	Bridge Creek,	comp=Z,24nm,0.9s	39.82 309	eP	P	04 08 40.3 -0.2
J39A	Decorah	baz=128,SNR=18	39.83 324	P	P	04 08 40.3 -0.2
L38A	Oak Wood Farm,	baz=125,SNR=17	39.86 321	P	P	04 08 40.7 -0.1
V34A	Guthrie	baz=114,SNR=10	39.86 310	eP	P	04 08 40.7 -0.1
V34A	Guthrie	comp=Z,26nm,0.9s	39.86 310	eP	P	04 08 40.8 -0.1
JCT	Junction City	baz=108,SNR=9.9	39.87 301	P	P	04 08 40.6 -0.4
JCT	Junction City	comp=Z,16nm,0.8s	39.87 301	eP	P	04 08 41.0 -0.1
JCT	Junction City	comp=Z,16nm,0.8s	39.87 301	eP	P	04 08 41.0 -0.1
N37A	Lee Fairs, Mou	baz=122	39.88 319	P	P	04 14 32.5 -0.4
Z33A	Whitaker Ranch	baz=110,SNR=15	39.88 306	P	P	04 08 40.7 -0.4
SCIA	State Center	comp=Z,66nm,1.1s	39.88 321	eP	P	04 08 41.8 +0.8
H40A	Chili	baz=131	39.91 326	P	P	04 08 41.8 +0.6
P36A	Good Intent, A	baz=120,SNR=8.6	39.94 317	P	P	04 08 40.9 -0.5
R35A	Emporia Munic	baz=118	39.99 314	P	P	04 08 41.8 -0.1
Y33A	Hilltop Ranch,	baz=111,SNR=9.3	40.02 307	P	P	04 08 42.0 -0.2
O36A	Bolkow	baz=121	40.04 317	P	P	04 08 42.1 -0.2
K38A	Parkersburg	baz=126,SNR=34	40.04 322	P	P	04 08 42.2 -0.1
CPUP	Villa Florida	comp=Z,29nm,1.1s, baz=0.5,slow=8.6,SNR=22	40.06 176	P	P	04 08 41.8 -0.8
CPUP	CPUP	comp=Z,5.6nm,0.9s, baz=341,slow=3.9,SNR=3.5	04 27 30.4	LR	LR	04 10 47.5 +0.5
T34A	McCleaskey Farm	comp=Z,303nm,20.5s, baz=354,slow=39	40.11 312	P	P	04 08 42.9 0.0
X33A	Lawton	baz=111,SNR=38	40.11 308	P	P	04 08 42.5 -0.5
U34A	Anderson Ranch	baz=114	40.12 311	P	P	04 08 43.0 0.0
U34A	Anderson Ranch	comp=Z,91nm,1.1s	40.12 311	eP	P	04 08 42.8 -0.2
M37A	Trindle Farm,	baz=123	40.13 320	P	P	04 08 43.2 +0.2
Q35A	Mercer Eighty,	baz=118,SNR=7.9	40.13 315	P	P	04 08 42.3 -0.8
COWI	Conover	comp=Z,74nm,1.4s	40.25 329	eP	P	04 08 44.8 +0.9
J38A	Wedel Dairy, R	baz=127,SNR=17	40.27 323	P	P	04 08 43.8 -0.3
W33A	Caddo, Fort Co	baz=112,SNR=14	40.31 309	P	P	04 08 44.2 -0.5
L37A	Phoenix Point,	baz=124	40.34 321	P	P	04 08 44.7 0.0
S34A	Willow Spring	baz=116,SNR=5.7	40.35 313	P	P	04 08 44.8 -0.1
ABTX	Abielne, Hawle	baz=108,SNR=14	40.36 304	eP	P	04 08 44.9 -0.2
ABTX	Abielne, Hawle	comp=Z,38nm,1.0s	40.36 304	eP	P	04 08 44.9 -0.2
N36A	Muff Farm, C	baz=122,SNR=8.2	40.39 318	P	P	04 08 45.3 +0.2
WMOK	Wichita Mounta	baz=111,SNR=65	40.40 308	P	P	04 08 44.6 -0.7
WMOK	Wichita Mounta	comp=Z,26nm,0.6s	40.40 308	eP	P	04 08 44.7 -0.7
WMOK	Wichita Mounta	comp=Z,26nm,0.6s	40.40 308	eP	P	04 08 44.7 -0.7
V33A	Lossen Ranch,	baz=113,SNR=13	40.43 310	P	P	04 08 45.3 -0.3
P35A	Duane Minner,	baz=119	40.44 316	P	P	04 08 45.4 -0.2
U33A	Lingo Farm, Me	baz=114,SNR=15	40.45 311	P	P	04 08 46.4 -0.1
I38A	Scanlan Farm,	baz=128,SNR=21	40.62 324	P	P	04 08 47.0 0.0
M36A	Felix, Anita	baz=122,SNR=5.8	40.62 319	P	P	04 08 47.0 -0.2
K37A	Belmont	baz=125,SNR=16	40.63 322	P	P	04 08 47.0 -0.2
KSU1	Kansas State U	baz=118,SNR=8.6	40.64 315	eP	P	04 08 46.5 -0.8
KSU1	Kansas State U	comp=Z,24nm,0.6s	40.64 315	eP	P	04 08 46.7 -0.5
X32A	Elmer	baz=111,SNR=9.4	40.68 307	P	P	04 08 47.3 -0.3
R34A	Isabella, Hill	baz=117,SNR=12	40.71 314	P	P	04 08 47.8 -0.1
O35A	Humboldt	baz=120	40.73 317	P	P	04 08 47.7 -0.3
Q34A	Chapman	baz=118,SNR=12	40.78 315	P	P	04 08 47.8 -0.7
N35A	Tabor	baz=121	40.85 318	P	P	04 08 49.2 +0.1

L36A	Harm Buss Farm	baz=123,SNR=10	40.89 320	P	P	04 08 49.8 +0.5
W32A	Sentinel	baz=111,SNR=62	40.90 308	P	P	04 08 49.3 -0.2
J37A	Reculus Farm,	baz=126,SNR=18	40.90 322	P	P	04 08 49.4 0.0
T33A	Patterson Ranc	baz=114	40.91 311	P	P	04 08 49.5 0.0
S33A	Kaszmaul Farm,	baz=115,SNR=5.3	40.94 312	P	P	04 08 49.9 +0.1
V32A	Arapaho	baz=112,SNR=13	40.96 309	P	P	04 08 49.8 -0.2
P34A	Walnut Farm, R	baz=112,SNR=12	41.00 315	P	P	04 08 49.7 -0.5
K36A	Gilmore City	baz=124	41.05 321	P	P	04 08 51.0 +0.3
U32A	Winter Ranch,	baz=119,SNR=7.2	41.18 310	P	P	04 08 51.6 -0.2
SCHO	Schefferville	comp=Z,92nm,1.0s, baz=171,slow=7.5,SNR=35	41.19 354	P	P	04 08 52.4 +0.9
SCHO	Schoffville	comp=Z,328nm,21.8s, baz=182,slow=33	04 23 43.0	LR	LR	04 23 43.0
SCHO	Schoffville	comp=Z,78nm,0.9s	41.19 354	eP	P	04 08 51.6 +0.1
M35A	Neola	baz=122	41.20 319	P	P	04 08 51.9 +0.1
O34A	Beatrice	baz=119,SNR=9.9	41.21 316	P	P	04 08 51.7 -0.3
I37A	Lemond, Waseca	baz=126,SNR=13	41.22 323	P	P	04 08 51.7 -0.3
R33A	Olander Ranch,	baz=111,SNR=13	41.24 313	P	P	04 08 51.7 -0.5
H37A	Dierke Farm, C	baz=128,SNR=5.5	41.29 324	P	P	04 08 52.5 0.0
J36A	Seneca I, Swea	baz=125,SNR=26	41.38 322	P	P	04 08 53.1 -0.1
N34A	Lincoln	baz=120,SNR=7.1	41.40 317	P	P	04 08 53.2 -0.4
Q33A	Connelly Farm,	baz=117,SNR=22	41.44 314	P	P	04 08 53.7 -0.2
T32A	Huer Ranch,	baz=114,SNR=7.0	41.44 311	P	P	04 08 53.8 -0.1
L35A	Bielow Farm, R	baz=122	41.45 320	P	P	04 08 54.0 +0.1
P33A	Williams Farm,	baz=117,SNR=9.9	41.54 315	P	P	04 08 54.4 -0.3
K35A	Storm Lake	baz=123,SNR=13	41.58 321	P	P	04 08 55.1 +0.2
I36A	Fitzsimmons Fa	baz=126,SNR=17	41.58 323	P	P	04 08 54.9 0.0
SPMN	Marine on St.	baz=128,SNR=12	41.62 325	P	P	04 08 55.0 -0.2
SPMN	Marine on St.	comp=Z,59nm,0.8s	41.62 325	eP	P	04 08 55.1 -0.2
O32A	Newby Ranch,	baz=114,SNR=7.5	41.66 313	P	P	04 08 55.6 -0.1
S33A	Hebron	baz=118	41.76 316	P	P	04 08 56.1 -0.4
M34A	Aspy Farms, Fr	baz=121	41.79 318	P	P	04 08 56.6 -0.1
R32A	Long Quarter,	baz=115,SNR=6.6	41.80 313	P	P	04 08 56.6 -0.3
H36A	Jenseland, H	baz=126,SNR=17	41.86 324	P	P	04 08 57.0 -0.2
L34A	Swenson Farm,	baz=121	41.90 319	P	P	04 08 57.4 -0.2
J35A	Milford	baz=124,SNR=7.5	41.92 321	P	P	04 08 57.7 -0.1
C39A	Grand Marais	baz=134,SNR=22	41.92 330	P	P	04 08 57.9 +0.2
Q32A	Meitler Ranch,	baz=126,SNR=6.6	41.94 314	P	P	04 08 57.7 -0.2
I35A	Creekview Farm	baz=125,SNR=16	42.06 322	P	P	04 08 59.0 +0.1
K34A	Le Mars	baz=122,SNR=6.9	42.10 320	P	P	04 08 59.3 +0.1
G36A	St. Joseph	baz=127,SNR=5.6	42.15 325	P	P	04 08 59.4 -0.2
M33A	Taylor Creek F	baz=120	42.23 318	P	P	04 09 00.1 -0.2
E37A	Wrenshall	baz=130	42.24 327	P	P	04 09 00.2 -0.1
P32A	Huitt Farm,	baz=117,SNR=11	42.25 315	P	P	04 08 59.9 -0.6
O32A	Brockman Farm,	baz=121	42.31 316	P	P	04 09 00.5 -0.6
J34A	George	baz=123	42.33 321	P	P	04 09 01.3 +0.2
CYA	Choya	baz=129,SNR=13	42.39 187	eP	P	04 09 00.6 -1.1
F36A	Milaca	baz=132,SNR=13	42.41 325	P	P	04 09 01.3 -0.3
C38A	Sawbill Land.	baz=132,SNR=13	42.42 329	P	P	04 09 01.4 -0.3
H35A	Sunnyside Ranc	baz=126,SNR=8.8	42.45 323	P	P	04 09 01.6 -0.4
G35A	Watkins	baz=125,SNR=8.8	42.46 324	P	P	04 09 02.5 -0.4
N32A	Stulken Farm,	baz=120	42.56 316	P	P	04 09 02.5 -0.6
L33A	Hoskins	baz=120	42.57 319	P	P	04 09 02.6 -0.5
K33A	Hardington	baz=121	42.62 319	P	P	04 09 03.5 0.0
D37A	Cotton	baz=130,SNR=30	42.64 328	P	P	04 09 03.8 +0.3
E36A	McGregor	baz=129,SNR=16	42.67 326	P	P	04 09 04.1 +0.3
EYMN	Ely	baz=132	42.69 329	P	P	04 09 04.0 +0.1
EYMN	Ely	comp=Z,14nm,1.0s	42.69 329	eP	P	04 09 04.2 +0.3
EYMN	Ely	comp=Z,442nm,19.0s	04 29 03.9	LR	LR	04 09 03.9 -0.1
I34A	Hadley	baz=124	42.69 322	P	P	04 09 03.9 -0.1
AMTX	Amarillo	baz=124	42.69 307	P	P	04 09 04.1 -0.2
AMTX	Amarillo	comp=Z,16nm,0.6s	42.69 307	eP	P	04 09 04.6 +0.4
CBKS	Cedar Bluff	baz=115,SNR=5.1	42.70 313	P	P	04 09 03.9 -0.3
CBKS	Cedar Bluff	comp=Z,38nm,0.7s	42.70 313	eP	P	04 09 04.4 +0.2
CBKS	Cedar Bluff	comp=Z,35nm,0.7s	42.70 313	eP	P	04 09 04.4 +0.2
BGNE	Belgrade	baz=119,SNR=8.6	42.77 317	P	P	04 09 04.4 -0.3
BGNE	Belgrade	comp=Z,60nm,0.6s	42.77 317	eP	P	04 09 04.5 -0.2
TXAR	Lajitas Array	comp=Z,2.8nm,0.5s, baz=116,slow=5.6,SNR=34	42.87 298	P	P	04 09 06.2 +0.5
TXAR	Lajitas Array	comp=Z,0.9nm,0.5s, baz=108,slow=4.6,SNR=38	04 10 56.8 +0.4	P	P	04 10 56.8 +0.4
TXAR	Lajitas Array	comp=Z,1.7nm,0.9s, baz=126,slow=6.4,SNR=9.3	04 29 40.9	LR	LR	04 29 40.9
TX31	Lajitas Ar. 15m	baz=0.0,slow=40	04 09 06.2 +0.5	P	P	04 09 06.2 +0.5
C37A	Embarras	baz=131,SNR=14	42.89 328	P	P	04 09 05.9 +0.3
L32A	Elgin	baz=120	42.97 318	P	P	04 09 06.2 -0.1
J33A	Davis					

ISN 07 04:33:45.70.3.36:45N-45:02E, h0km, ML2.9
CSEM 07 04:33:47.9.0.2.36:45N-45:27E, h2km, ML2.9, Error
ellipse: s-maj=8.1km s-min=6.6km az=37.0

TEH 07 04:33:49.2.36:44N-45:36E, h0km, ML2.9, Iran-Iraq
border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Shabestar, Dehrash, Marand, Sarab, Ghaleghazi, Komasi.

NIED 07 04:43:00.37:30N, 141:160E, h8km, Mw3.7 Best double
couple: M3.57000:104 NP1:31.00000:844.00000,
1-78.00000: NP2:9192.00000:848.00000,
1-103.00000

JMA 07 04:43:59.5.0.1.37:26N-141:62E, h24km, 1km, M3.8
IDC 07 04:43:03.6:2.8, 37:20N-141:48E, h40km, 25km, mb3.4/9,
mb1.3/6/13, mb1mx3.5/42, mbtmp3.6/13, ML3.4/3, Error
ellipse: s-maj=25.6km s-min=16.7km az=97.0

ISC 07 04:43:59.7.3.7, 37:24N, 141:55E, 0:07, h10km, 23km,
n34, r132/34, mb3.6/11, Near east coast of eastern
Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JFK, ONAJ, JMM, JFT, JHO, JIC, JOU, JFY, JYS, MJAR, MAT, JHJ, ASAJ, USRK, KSRs, KLR, SONM, H1N12, H1N11, H1N13, H1S11, H1S13, H1S12, ZALV, MKAR, ILAR, INK, WRA, ASAR, FINES, AKASO, PDAR, TXAR, LPAZ.

ISCJB 07 04:47:43.9.0.8.31:45S:0:04:69:38W:0:04, h115km, 8km,
Error ellipse: s-maj=7.5km s-min=4.3km az=135.2
GUC 07 04:47:43.0.3.31:45S:69:81W, h153km, 7km, ML3.3
SJA 07 04:47:43.5.1.2.31:45S:69:41W, h110km, 5km, ML3.1,
MW3.3

ISC 07 04:47:44.2.1.4, 31:45S:0:04:69:39W:0:04,
h114km, 10km, n22, r0575/40, 1C-4D, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RTLS, SJA, AUSP, RTLL, RTIC, AMOG, ASAL, ARCO, AARG, TLL, AVFE.

Table with columns: AVFE, eS, Sn, Time, Res, ISC. Lists stations like Peldehue, Farellones, Cantantal, El Roble, Guandacol, Cerro Calan, Penalolen, Chepes, Vinchina, Choya.

ISCJB 07 04:48:51.0.0.8, 78:54N, 0:08:6:2E:0:2, h10km, Error
ellipse: s-maj=12.1km s-min=5.4km az=162.6
CSEM 07 04:48:54.4.0.5, 78:46N:6:88E, h10km, ML3.1, Error
ellipse: s-maj=18.0km s-min=6.1km az=154.0

BER 07 04:48:56.7.1.8, 78:45N:7:22E, h0km, 10km, MD2.6, ML3.1,
ML2.7(N/AO)
NAO 07 04:48:57.2.2.3, 78:38N:7:69E
ISC 07 04:48:51.1.1.0, 78:51N, 0:09:6:20E:0:05, h10km, n26,
r290/32, Svablad region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KBS, BRBA, SPAO, HSPB, HSP, JNE, JMW, JMC, JMJC, JMI, ARAO, SUMG.

IDC 07 04:51:23.2.2.7, 20:37S:177:80W, h483km, 30km,
mb3.3/11, mb1.3/6/12, mb1mx3.4/24, mbtmp4.1/12, Error
ellipse: s-maj=21.5km s-min=18.9km az=139.0
ISCJB 07 04:51:26.3.0.6, 20:58S:0:07:177:9W:0:2, h534km,
mb3.6/11, Error ellipse: s-maj=20.4km s-min=9.6km
az=0-1

ISC 07 04:51:27.4.0.6, 20:63S:0:09:177:8W:0:2, h534km, n43,
r120/44, mb3.6/11, 1D-Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RAO, URZ, ASAR, WRA, JWR, PETK, MAW, SEY, TXAR, ILAR, PDAR, CMAR, SONM.

Table with columns: MKAR, KURBB, BVAR, ARU, AKASO, ASF, BRTR, MMAI, CLL, UPC, DPC, BRG, PVCC, PRU, PRU, GPR, KHC, GERES, CONA, MOA, ARSA, SOKA, KBA, WATA, WTTA, MOTA, MYKA, ABTA, FETA.

IDC 07 05:05:03.7:6.2.36:37N:70:40E, h98km, 39km, mb3.5/2,
mb1.3/4/8, mb1mx3.1/58, mbtmp3.7/8, Error ellipse:
s-maj=76.8km s-min=24.4km az=149.0
NNC 07 05:05:07.3:2.0, 36:61N:70:40E, h111km, 36km, mb3.4,
mp3.9, Error ellipse: s-maj=17.7km s-min=15.7km
az=82.0

ISC 07 05:05:04.5.1.8, 36:55N:0:10:70:3E:0:1, h100km, n15,
r087/21, 8C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MNAS, KK31, AAK, TKM2, GEYT, MKAR, AB31, AB32, AB33, AB34, KURBB, AKTO, BVAA, ZALV, YKA.

IDC 07 05:12:35.9.4.0, 5:62S:129:08E, h322km, 41km, mb3.0/2,
mb1.3/3.5, mb1mx2.9/54, mbtmp4.0/5, Error ellipse:
s-maj=59.7km s-min=12.8km az=72.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SIJI, FITZ, WRA, WRA, ASAR, MKAR, KURBB.

NNC 07 05:13:54.2.1.9, 53:08N:86:46E, h0km, mb3.7, mpv3.3,
Error ellipse: s-maj=15.2km s-min=13.9km az=2.0
IDC 07 05:13:51.5.2.4, 54:17N:86:52E, h0km, mb1.3/5/2,
mb1mx3.3/52, mbtmp3.5/2, ML3.3/2, 5C-3D, Error ellipse:
s-maj=19.3km s-min=12.3km az=56.0, Southwestern
Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like I46RU, ZALV, ZALV, KURK, KURK, KURBB, KURBB, KURBB.

Table with columns for station call letters, frequency, name, and various signal quality metrics. Includes stations like STKA, RAR, RPZ, etc.

Table with columns for station call letters, frequency, name, and various signal quality metrics. Includes stations like CBUJ, LUWI, KIP, etc.

Table with columns for station call letters, frequency, name, and various signal quality metrics. Includes stations like GZH, NJ2, N2J, etc.

OJC	Ojcov	133.82 332	eP	SKPab	06 43 57.6 -0.1	PRU		eSgKKP	06 53 04.2	DRO	Drossia	140.45 317	P	PKPpre	06 41 09.6		
OJC	Ojcov	133.82 332	ePKIKP	PKPdf	06 41 03.5 -0.5	PRU	Pruhonice	136.25 336	ePKHKP	PKPpre	IGT	Igoumenitsa	140.47 320	P	PKPpre	06 41 08.4	
TRPA	Tarpa	133.91 329	ex	PKPdf	06 41 04.2 0.0	PRU		e	06 41 09.1	RLS	Rilos of Patr	140.56 317	P	PKPpre	06 41 10.0		
TRPA			ePKP	SKPab	06 43 58.0 -0.1	PRU		e	06 43 53.1	AMT	Artemida-Makis	140.68 316	P	PKPpre	06 41 09.9		
CRVS	Cervenica-Dubn	133.94 330	ePP	PKPdf	06 41 04.8 +0.5	PRU		e	06 47 03.2	DAVOX	Davos/Dischmat	140.66 337	ePKH	PKPpre	06 41 10.8		
CRVS			e	PKPdf	06 43 59.0 +0.5	PRU		e	06 41 07.7 -1.1	DAVOX			PP	PP	06 44 17.8 -3.0		
PRD	Provadia	134.01 320	iP	PKPdf	06 41 05.0 +0.5	PGB	Rodhopi	136.26 319	e	PKPdf		DAVOX	comp-Z, 2.36nm, 0.8s, baz=202, slow=1.9, SNR=16	SKKpbc	SKKpbc	06 52 41.7 -3.5	
NIE	Niedzica	134.15 331	ePKP	PKPdf	06 41 05.4 +0.7	TREC	Panagyurishte	136.37 321	iP	PKPdf		LDK2	Lefkada island	140.69 319	P	PKPpre	06 41 11.7
NIE	Niedzica	134.15 331	ePKP	SKPab	06 43 59.1 0.0	TREC	Trest	136.40 334	ePKPpre	PKPpre	06 40 58.8	KEK	Keirika	140.70 321	P	PKPpre	06 41 05.7
VOIR		134.20 324	iP	PKPdf	06 41 06.1 +1.1	TREC		e	06 44 05.8	MOF	Molkenrain	140.77 340	PKP	PKPpre	06 41 09.9		
VOIR		134.20 324	iPKIKP	PKPdf	06 41 06.1 +1.1	TREC		e	06 44 09.8	THEF	The Montfort	140.81 341	PKP	PKPpre	06 41 10.5		
CJR	Cluj-Napoca	134.25 326	iP	PKPdf	06 41 06.0 +1.0	TREC		e	06 43 52.8	WLS	Walsamata	141.07 318	P	PKPpre	06 41 11.7		
CJR	Cluj-Napoca	134.25 326	iPKIKP	SKPab	06 43 59.8 +0.1	MDVR	Moldovita	136.48 325	iP	SKPdf	06 44 01.5 +0.8	VKS	Zakynthos	141.21 317	P	PKPpre	06 41 11.6
CJR	Cluj-Napoca	134.25 326	iPKIKP	PKPdf	06 41 06.0 +1.0	CSKK	Cs'kako	136.56 330	ex	PKPdf	06 41 09.4 +0.2	LOM1	Lomont	141.31 340	PKP	PKPpre	06 41 10.1
ISP	Isparta	134.34 312	iP	PKPdf	06 41 04.2 -1.2	CSKK		e	06 44 06.2 +0.9	OG01	Vacheresse	142.24 339	PKP	PKPpre	06 41 16.5		
ARR	Arges	134.48 324	iP	PKPdf	06 41 06.8 +1.3	PKK	Paraskevi	136.72 316	P	PKPdf	06 41 08.4 -0.9	AQU	L' Aquila	142.56 329	ePKHKP	PKPpre	06 41 16.7
ARR	Arges	134.48 324	iP	SKPab	06 44 00.4 -0.4	NKC	Novy Kostel	136.87 337	ePKPdf	PKPpre	06 41 10.0 +0.3	VLC	Villacollemand	142.60 334	ePKPdf	PKPpre	06 41 16.5
DRGR		134.68 327	iP	PKPdf	06 41 05.8 0.0	NKC		e	06 43 53.9	TIP	Timpagrande	142.88 322	ePKP	PKPpre	06 41 17.2		
DRGR		134.68 327	iP	SKPab	06 44 00.8 -0.8	NKC		e	06 44 07.4	CUC	Castrocuco	142.91 324	ePKPdf	PKPpre	06 41 17.4		
DRGR		134.68 327	iP	PKPdf	06 41 05.8 0.0	NKC	Novy Kostel	136.87 337	ePKHKP	PKPpre	06 41 10.0	ORF	Saint Sauveur	143.85 341	PKP	PKPpre	06 41 20.2 +0.7
KECS	Kecevo	134.71 330	ePKIKP	PKPdf	06 41 05.6 -0.1	NKC		e	06 43 53.9	GDM	Grand'Maison	143.41 339	PKP	PKPpre	06 41 20.6 +0.8		
KECS	Kecevo	134.71 330	ePKP	PKPdf	06 44 01.0 -0.1	NKC		e	06 41 00.3	GRN	Grenoble	143.51 339	PKP	PKPpre	06 41 21.2 -0.7		
LANS	Liptovska Anna	134.73 332	ePKIKP	PKPdf	06 41 07.2 +1.4	VTS	Vitosha	136.93 322	iP	PKPpre	06 41 10.0 -0.2	PLDF	La Plantade	143.56 342	PKP	PKPpre	06 41 20.7 +0.6
LANS	Liptovska Anna	134.73 332	ePKP	PKPdf	06 41 07.2 +1.4	VTS	Vitosha	136.93 322	iP	PKPpre	06 43 54.3 -3.6	AGO	Saint Agoulin	143.63 343	PKP	PKPpre	06 41 20.8 +0.5
OKC			e	PKPdf	06 41 05.9 0.0	VTS	Vitosha	136.93 322	iPKIKP	PKPpre	06 41 10.1 -0.2	SSB	Saint Sauveur	143.88 341	ePKIKP	PKPpre	06 41 21.5 +0.3
OKC			e	PKPdf	06 43 46.3 +1.5	VTS	Vitosha	136.93 322	iP	PKPpre	06 41 10.1 -0.2	SSB	Saint Sauveur	143.88 341	ePKPdf	PKPpre	06 41 21.5 +0.4
OKC			e	PKPdf	06 44 01.1	KAVA	Kavala	137.00 319	P	PKPpre	06 41 09.4 +0.8	PYM	Petit Puy Mans	143.94 343	PKP	PKPpre	06 41 21.9 +0.5
KSP	Ksiaz	134.88 335	ePKP	PKPpre	06 40 53.2	SOP	Sopron	137.13 332	ex	SKPdf	06 44 08.2 +1.9	COLF	Collatanges	143.94 342	PKP	PKPpre	06 41 22.1 -0.5
KSP	Ksiaz	134.88 335	ePKP	PKPpre	06 40 53.2	SOP		e	06 44 01.5	VERF	Versueuhoel	143.92 322	PKP	PKPpre	06 41 21.2 +0.6		
KSP	Ksiaz	134.88 335	ePKHKP	PKPpre	06 40 53.2	MNB	Musometisi	137.12 320	P	PKPpre	06 41 10.1 -0.4	LBL	Lubilhac	144.34 342	PKP	PKPpre	06 41 23.6 +0.3
SKZ	Sztrazica	135.15 333	iP	PKPdf	06 41 06.8 +0.9	NVR	Neurokopi	137.27 320	P	PKPpre	06 41 10.1 -0.4	FRNF	Fontaines	144.40 343	PKP	PKPpre	06 41 23.8 +0.4
MORC	Moravsky Berou	135.15 333	iP	PKPdf	06 41 06.8 +0.9	WTSB	Winterswijk	137.25 343	ePKPdf	PKPpre	06 41 10.1 -0.2	CLTB	Catabelliotta	146.03 323	ePKPdf	PKPpre	06 41 26.6 +0.1
MORC	Moravsky Berou	135.15 333	iP	SKPab	06 44 02.0 -1.5	KHC		e	06 41 00.6	CONA	Conrad Observa	137.27 333	PKPdf	PKPpre	06 41 09.7 -0.8		
MORC	Moravsky Berou	135.15 333	iP	PKPdf	06 41 06.8 +0.9	KHC		e	06 40 59.6	KHC	Kasperske Hory	137.31 336	ePKPpre	PKPpre	06 41 10.0 -0.6		
DPC	Dobruska-Polom	135.24 335	ePKPpre	PKPpre	06 40 54.6	KHC		e	06 40 59.6	KHC		e	06 40 57.5 -2.7				
DPC			e	PKPpre	06 41 07.1 +0.4	KHC		e	06 42 08.3	KHC		e	06 46 07.9				
DPC			e	PKPpre	06 43 46.6 +0.7	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
DPC			e	PKPpre	06 44 02.2	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
DPC			e	PKPpre	06 45 55.9	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
DPC			e	PKPpre	06 46 56.8	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
DPC			e	PKPpre	06 53 06.4	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
DPC			e	PKPpre	06 40 54.8 -0.4	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
DPC			e	PKPpre	06 43 46.6	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
DPC			e	PKPpre	06 46 56.8	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
DPC			e	PKPpre	06 43 46.6	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
DPC			e	PKPpre	06 46 56.8	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
UPC	Upice	135.25 335	ePKP	PKPpre	06 40 54.3	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
UPC			e	PKPpre	06 41 07.1 +0.4	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
UPC			e	PKPpre	06 43 46.2 +0.9	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
UPC			e	PKPpre	06 44 02.6	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
UPC			e	PKPpre	06 45 57.1	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
UPC			e	PKPpre	06 46 57.2	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
UPC			e	PKPpre	06 40 54.3	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
UPC			e	PKPpre	06 41 07.2	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
UPC			e	PKPpre	06 46 57.2	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
UPC			e	PKPpre	06 40 54.3	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
UPC			e	PKPpre	06 41 07.2	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
UPC			e	PKPpre	06 46 57.2	KHC		e	06 47 01.2	KHC		e	06 52 56.8				
KRALIC	Kraljiky	135.26 334	ePKP	PKPpre	06 41 06.2 -0.5	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 43 48.1 +0.7	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 40 54.3	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 41 06.2 -0.5	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 43 48.1 +0.7	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 40 54.3	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 41 06.2 -0.5	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 43 48.1 +0.7	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 40 54.3	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 41 06.2 -0.5	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 43 48.1 +0.7	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 40 54.3	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 41 06.2 -0.5	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 43 48.1 +0.7	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 40 54.3	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 41 06.2 -0.5	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 43 48.1 +0.7	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 40 54.3	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 41 06.2 -0.5	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 43 48.1 +0.7	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 40 54.3	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 41 06.2 -0.5	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 43 48.1 +0.7	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 40 54.3	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 41 06.2 -0.5	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 43 48.1 +0.7	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 40 54.3	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 41 06.2 -0.5	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 43 48.1 +0.7	GRFO	Grafenberg	137.77 338	ePKPdf	PKPpre	06 41 10.7 -0.7						
KRALIC			e	PKPpre	06 40 54.3	GRFO	Grafenberg	137.77 33									

M38A Pleasantville	93.42	36	P	P	06 43 25.1	-1.0
K40A Colesburg	93.45	34	P	P	06 43 25.7	-0.6
O36A Bolckow	93.46	38	P	P	06 43 25.9	-0.4
J41A Loganville	93.47	33	P	P	06 43 25.7	-0.6
L39A Vinton	93.48	35	P	P	06 43 25.3	-1.1
R34A Isabella, Hill	93.55	40	P	P	06 43 25.7	-1.1
S33A Kaszmaul Farm,	93.63	41	P	P	06 43 26.2	-1.0
P36A Good Intent, A	93.71	38	P	P	06 43 26.6	-0.9
JFWS Jewell Farm	93.71	33	eP	pmax	06 43 27.4	0.0
JFWS Jewell Farm	93.71	33	eP	P	06 43 27.4	0.0
Q35A Mercer Eighty,	93.81	39	P	P	06 43 27.0	-1.0
O37A Wolven Farm, M	93.86	37	P	P	06 43 27.5	-0.7
M39A Webster	93.88	35	P	P	06 43 27.5	-0.7
L40A Anama	93.90	34	P	P	06 43 27.8	-0.5
K41A Shullsburg	93.92	33	P	P	06 43 27.8	-0.6
N39A Derby Farms, D	94.17	36	P	P	06 43 29.4	-0.1
L41A Preston	94.24	34	P	P	06 43 29.7	-0.1
V32A Arapaho	94.35	43	P	P	06 43 30.1	-0.5
R36A Gordon, Harris	94.49	39	P	P	06 43 30.9	-0.2
T34A McClaskey Farm	94.50	41	P	P	06 43 31.0	-0.2
S35A Otter Creek Ra	94.51	40	P	P	06 43 30.9	-0.3
P38A Dawn	94.58	37	P	P	06 43 30.5	-1.0
U34A Anderson Ranch	94.72	42	P	P	06 43 32.0	-0.1
U34A Anderson Ranch	94.72	42	eP	P	06 43 33.0	+0.9
V33A Lossen Ranch,	94.72	43	P	P	06 43 31.8	-0.4
M41A Milan	94.75	34	P	P	06 43 32.0	-0.2
R37A Teagarden Farm	94.86	39	P	P	06 43 32.6	-0.1
S36A Lake Cedric, C	94.88	40	P	P	06 43 32.9	+0.1
T35A Sooner Store	94.95	41	P	P	06 43 32.4	-0.8
O38A Cooks Cattle, C	95.03	38	P	P	06 43 33.3	-0.2
O40A La Belle	95.05	36	P	P	06 43 33.2	-0.4
W33A Caddo, Fort Co	95.08	43	P	P	06 43 33.9	+0.1
P39B Salisbury	95.08	37	P	P	06 43 33.5	-0.2
X32A Elmer	95.11	44	P	P	06 43 33.5	-0.5
V34A Guthrie	95.15	42	P	P	06 43 33.5	-0.6
V34A Guthrie	95.15	42	eP	P	06 43 35.0	+0.8
WMOK Wichita Mounta	95.19	44	P	P	06 43 34.4	0.0
WMOK Wichita Mounta	95.19	44	eP	pmax	06 43 34.8	+0.4
WMOK Wichita Mounta	95.19	44	eP	P	06 43 34.8	+0.4
T36A Boggs Farm, Ca	95.20	40	P	P	06 43 34.5	+0.1
U35A Pawnee	95.22	41	P	P	06 43 34.4	0.0
S37A Fort Scott	95.27	39	P	P	06 43 34.8	+0.2
Q39A Willow Grove F	95.30	37	P	P	06 43 34.9	+0.2
W34A Bridge Creek,	95.43	43	P	P	06 43 35.5	0.0
R38A Fenwick Farm,	95.45	38	P	P	06 43 35.3	-0.2
X33A Lawton	95.49	44	P	P	06 43 35.8	+0.1
V35A Meyer Ranch, C	95.59	42	P	P	06 43 35.8	-0.3
T37A Cheneyville 18	95.68	40	P	P	06 43 36.6	+0.1
U36A Oologah	95.76	41	P	P	06 43 37.1	+0.2
TX31 Lajitas Ar. Si	95.78	51	eP	P	06 43 37.1	-0.1
TX31 Lajitas Ar. Si	95.78	51	eP	pP	06 45 12.7	+1.0
TXAR Lajitas Array	95.78	51	P	P	06 43 38.1	+0.9
TXAR Lajitas Array	95.78	51	P	P	06 45 12.2	+0.5
Y33A Hilltop Ranch,	95.79	44	P	P	06 43 37.0	0.0
P41A Barry, Barry	95.80	36	P	P	06 43 37.0	0.0
R39A Chumby, Stover	95.81	38	P	P	06 43 37.0	-0.1
S38A Stockton	95.86	39	P	P	06 43 37.0	-0.3
HDIL Hopedale	95.98	34	P	P	06 43 37.4	-0.4
W35A Tecumseh	96.00	42	P	P	06 43 37.5	-0.5
TUL1 Leonard	96.08	41	P	P	06 43 37.9	-0.4
V36A Jenks	96.08	41	P	P	06 43 38.2	-0.1
T38A Diamond	96.09	39	P	P	06 43 38.0	-0.3
S39A Bolivar	96.12	38	P	P	06 43 38.1	-0.4
Z33A Whitaker Ranch	96.20	45	P	P	06 43 38.3	-0.7
P42A Winchester	96.22	35	P	P	06 43 38.4	-0.5
R40A Maddies Statio	96.23	37	P	P	06 43 38.5	-0.4
V37A Hulbert	96.46	41	P	P	06 43 39.7	-0.4
U38A Gravette	96.47	40	P	P	06 43 39.0	-1.1
X35A Drake	96.48	43	P	P	06 43 39.8	-0.9
S40A Lebanon	96.62	38	P	P	06 43 39.9	-0.3
Z34A Collier Ranch,	96.65	44	P	P	06 43 39.9	-1.1
R41A Rosebud	96.68	37	P	P	06 43 40.2	-0.8
X36A Centrahoma	96.72	42	P	P	06 43 40.2	-1.0
Y35A Marietta	96.79	43	P	P	06 43 40.5	-1.1
V38A Carhill	96.88	40	P	P	06 43 41.3	-0.7
T40A Mansfield	96.95	38	P	P	06 43 41.9	-0.4
Z33A Rising Star	97.00	46	P	P	06 43 42.4	-0.2
U39A Green Forest	97.01	39	P	P	06 43 42.4	-0.2
S41A Jilco Farms,	97.03	38	P	P	06 43 42.4	-0.2
Q43A New Douglas	97.04	35	P	P	06 43 42.3	-0.3
Z35A Perchaven, San	97.07	44	P	P	06 43 41.7	-1.2
Y36A Durant	97.24	43	P	P	06 43 43.2	-0.3
X37A Clayton	97.27	42	P	P	06 43 43.4	-0.3
U40A Yellville	97.36	39	P	P	06 43 43.3	-0.8

S42A Caledonia	97.38	37	P	P	06 43 42.9	-1.3
W38A Poteau	97.40	41	P	P	06 43 43.0	-1.2
Q44A Mervet Farm, Va	97.40	35	P	P	06 43 42.8	-1.4
T41A Mountain View	97.43	38	P	P	06 43 43.0	-1.4
R44A Waltonville	97.88	36	P	P	06 43 44.9	-1.5
334A Lometa	97.88	46	P	P	06 43 45.0	-1.5
X39A Fountain Ranch	98.03	41	P	P	06 43 45.8	-1.3
MIAR Mount Ida	98.31	41	P	P	06 43 47.0	-1.3
X40A Basin Creek Fa	98.76	40	P	Pdf	06 43 49.1	-1.3
PTGA Pitinga	144.97	32	PKP	PKPdf	06 49 46.0	0.0
SAML Samuel	150.14	46	ePKPbc	PKPbc	06 50 00.2	+0.2
SAML Samuel	151.85	63	ePKPab	PKPab	06 50 07.0	-0.5
LPAZ La Paz	151.85	63	ePKPbc	PKPbc	06 50 05.0	+0.5
LVC Limon Verde	154.56	76	PKPab	PKPab	06 50 28.3	+1.8
LVC Limon Verde	154.56	76	ePKPab	PKPab	06 50 27.6	+1.1
PLCA Pac Flores	155.39	100	PKPab	PKPab	06 50 29.9	+0.8
SIV San Ignacio	156.77	52	PKPab	PKPab	06 50 34.3	-1.4
CPUP Villa Florida	165.66	72	PKPab	PKPab	06 51 15.4	+0.9

ISK 07 06:46:40.8, 40.79N, 34.07E, h5km, ML3.8
 IDC 07 06:46:40.3, 0.6, 40.76N, 34.11E, h0km, mb3.8/10,
 mb1.3/8.16, mb1mx3.6/52, mbmp3.7/16, ML3.4/6, MS3.8/1,
 Ms1.3/8.1, ms1mx2.5/58, Error ellipse: s-maj=11.0km
 s-min=7.2km az=104.0
 MOS 07 06:46:41.7, 0.9, 40.86N, 33.98E, h17km, mb4.1/11, Error
 ellipse: s-maj=17.2km, s-min=10.0km az=94.2
 ISCJB 07 06:46:41.4, 0.4, 40.85N, 0.01, 34.06E, 0.02, h6km, 3km,
 mb3.9/15, MS4.0/2, Error ellipse: s-maj=2.5km
 s-min=2.3km az=13.1
 DDA 07 06:46:41.2, 0.4, 40.75N, 34.08E, h6km, ML3.8
 CSEM 07 06:46:42.1, 0.1, 40.84N, 34.05E, h2km, mb4.1/11, Error
 ellipse: s-maj=2.6km, s-min=2.5km az=96.0
 ISC 07 06:46:42.0, 1.0, 40.77N, 0.02, 34.08E, 0.02, h6km, 7km,
 n231, c1936/277, mb4.0/15, 17C-20, Turkey

Code	Station Name	λ°	AZ°	Phase ID	ISC	Time	Res
TOS	Tosya	027 351	PG	Pg	06 46 47.0	-0.4	
TOS	Tosya	027 351	iPg	Pg	06 46 47.0	-0.4	
CANT	Cankiri	038 245	PG	Sg	06 46 49.3	-0.2	
CANT	Cankiri	038 245	eSg	Sg	06 46 55.3	+0.8	
ILGA	ilgaz	040 316	iS	Sg	06 46 49.2	-0.5	
ILGA	ilgaz	040 316	iS	Sg	06 46 54.4	+0.5	
ILGA	ilgaz	040 316	P	Sg	06 46 49.2	-0.5	
CTAK	Corum_Osmancik	056 102	iS	Pg	06 46 55.4	+0.5	
CTAK	Corum_Osmancik	056 102	iS	Pg	06 46 52.5	-0.2	
CTAK	Corum_Osmancik	056 102	P	Sg	06 47 01.2	+1.2	
CTAK	Corum_Osmancik	056 102	P	Sg	06 46 52.2	-0.2	
ELDT	Eldivan	057 241	iS	Pg	06 46 52.5	-0.4	
ELDT	Eldivan	057 241	iS	Pg	06 47 00.9	+0.6	
ELDT	Eldivan	057 241	P	Sg	06 46 52.5	-0.4	
ELDT	Eldivan	057 241	P	Sg	06 47 00.9	+0.6	
CORM	Corum	072 144	PG	Sg	06 46 55.0	0.0	
CORM	Corum	072 144	eSg	Sb	06 47 00.8	+0.8	
CORM	Corum	072 144	iPg	Pg	06 46 55.9	0.0	
CORM	Corum	072 144	eSg	Sb	06 47 00.8	+0.8	
KAST	KASTAMONU	073 351	iS	Pg	06 46 55.7	-0.3	
KAST	KASTAMONU	073 351	iS	Pg	06 47 11.3	+0.9	
KAST	KASTAMONU	073 351	P	Sg	06 46 55.7	-0.3	
COAL	Corum-Alaca	086 126	iP	Pg	06 46 57.9	-0.6	
COAL	Corum-Alaca	086 126	iP	Pg	06 47 10.4	+0.7	
BYBT	Boyyabat	087 36	PG	Sg	06 46 57.7	-1.0	
BYBT	Boyyabat	087 36	iPg	Pg	06 46 57.7	-1.0	
BOYT	Boyyabat	090 43	iS	Pg	06 46 58.4	-0.9	
BOYT	Boyyabat	090 43	iS	Pg	06 47 11.2	+1.4	
BRTR	Keskin Array B	109 198	Pg	Pg	06 47 01.3	-1.7	
BRTR	Keskin Array B	109 198	Lg	Lg	06 47 18.1		
BRTR	Keskin Array B	109 198	iP	Pg	06 47 01.1	-1.8	
BRTR	Keskin Array B	109 198	pmax	pmax	06 47 01.1	-1.8	
BRTR	Keskin Array B	109 198	iP	Pg	06 47 01.1	-1.8	
SAFT	Safiranbolu	115 295	PN	Pg	06 47 03.6	-0.5	
SAFT	Safiranbolu	115 295	PN	Pg	06 47 03.6	-0.5	
CDAG	Cicekdag	116 169	iP	Sg	06 47 02.8	-1.5	
CDAG	Cicekdag	116 169	iS	Sg	06 47 17.3	-2.1	
CDAG	Cicekdag	116 169	iS	Sg	06 47 02.8	-1.5	
CDAG	Cicekdag	116 169	iS	Sg	06 47 17.2	-2.1	
BZK	Bozkurt	119 357	PN	Pn	06 47 05.2	0.0	
BZK	Bozkurt	119 357	PN	Pn	06 47 05.2	0.0	
HAVZ	Havza	128 76	iP	Sg	06 47 05.5	-0.9	
HAVZ	Havza	128 76	iP	Sg	06 47 24.7	+0.8	
LODLUM	Lodumlu	133 229	ePn	Pg	06 47 06.7	+0.1	
LODLUM	Lodumlu	133 229	ePn	Pg	06 47 06.7	+0.1	
KAMT	Kaman	142 291	ePn	Pg	06 47 09.1	-0.1	
KAMT	Kaman	142 291	ePn	Pg	06 47 09.1	-0.1	
BBAL	Bala	142 211	iP	Sg	06 47 07.5	-1.0	
BBAL	Bala	142 211	iP	Sg	06 47 28.4	+0.7	
BBAL	Bala	142 211	P	Sg	06 47 07.5	-1.0	
BBAL	Bala	142 211	P	Sg	06 47 28.4	+0.7	
YOZ	Yozgat	147 139	ePn	Pb	06 47 09.6	-0.3	
YOZ	Yozgat	147 139	ePn	Pb	06 47 09.6	-0.3	
SNOP	Sinop	151 34	ePn	Pn	06 47 09.7	+0.1	
SNOP	Sinop	151 34	ePn	Pn	06 47 09.7	+0.1	
KVT	Kavak	152 77	ePn	Pn	06 47 09.9	0.0	
KVT	Kavak	152 77	ePn	Pn	06 47 09.9	0.0	
KVT	Kavak	152 77	P	Pn	06 47 09.9	0.0	
KVT	Kavak	152 77	P	Pn	06 47 09.9	0.0	
AFSR	Afar-Bala (A)	153 211	ePn	Pb	06 47 10.4	-0.3	
AFSR	Afar-Bala (A)	153 211	ePn	Pb	06 47 10.4	-0.3	
BCAM	Yenicaga	153 273	iS	Pg	06 47 28.4	+0.7	
BCAM	Yenicaga	153 273	iS	Pg	06 47 09.6	-0.3	
BCAM	Yenicaga	153 273	P	Sg	06 47 32.8	+1.7	
BCAM	Yenicaga	153 273	P	Sg	06 47 12.9	-0.3	
BTIN	Bart-n	163 303	iP	Sg	06 47 35.4	+1.1	
BTIN	Bart-n	163 303	iP	Sg	06 47 12.9	-0.3	
BTIN	Bart-n	163 303	P	Sg	06 47 35.4	+1.1	
SAMS	Samsun-Alacam	170 69	iP	Sg	06 47 12.7	+0.4	
SAMS	Samsun-Alacam	170 69	iP	Sg	06 47 37.7	+1.0	
KK							

KLR	baz=233	81.29	330	i/PP	P	07 14 01.4 +1.4
KLR					pP	07 14 11.1 -0.2
CWC	Cottonwood Cre	81.42	46	P	P	07 14 02.5 +1.2
BELC	Belle Mtn. Jns	81.58	49	P	P	07 14 02.9 +0.8
MPMC	Manual Prospec	81.62	47	P	P	07 14 03.2 +0.9
WAKR	Walker	81.66	44	eP	P	07 14 04.4 +1.9
GSC	Goldstone, Bar	81.69	48	eP	P	07 14 04.2 +1.6
HEC	Hector Ludlow	81.77	48	P	P	07 14 04.6 +1.6
BC3	Big Chuckawall	81.78	50	P	P	07 14 04.3 +1.1
PNTR	Pine Nut	81.88	43	eP	P	07 14 05.3 +1.6
GLA	Glamis	81.93	50	P	P	07 14 04.9 +1.1
TVH3	East Aurora ar	81.98	44	eP	P	07 14 05.8 +1.5
TVH2	Borealis Mine	82.03	44	eP	P	07 14 05.9 +1.4
YERR	Yerington	82.06	44	eP	P	07 14 06.0 +1.4
TVH1	TV Hill, Hawth	82.07	44	eP	P	07 14 06.5 +1.6
GRAC	Grapevine Rang	82.20	46	P	P	07 14 06.5 +1.3
GMRC	Granite Mounta	82.22	49	P	P	07 14 06.7 +1.2
IRM	Iron Mountain	82.26	49	P	P	07 14 07.0 +1.4
FURC	Furnace Creek,	82.27	47	P	P	07 14 06.9 +1.5
PMSA	Palmer Station	82.31	157	eP	P	07 14 06.5 +1.3
SHOC	Shoshone, Teco	82.37	47	P	P	07 14 06.9 +0.8
TUQ	Turquoise Moun	82.37	48	P	P	07 14 06.9 +0.6
Y12C	Blythe	82.50	50	P	P	07 14 07.7 +0.9
J04D	Umpqua Nationa	82.74	39	P	P	07 14 09.3 +1.3
214A	Organ Pipe Nat	82.87	52	P	P	07 14 09.9 +1.1
214A	Organ Pipe Nat	82.87	52	eP	P	07 14 09.7 +0.9
I04A	Tendick Farm,	82.89	38	P	P	07 14 09.6 +1.0
TPNV	Topopah Spring	82.94	47	eP	P	07 14 10.8 +1.6
TPNV	Topopah Spring	82.94	47	eP	P	07 14 10.8 +1.6
MOD	Modoc Plateau	83.04	41	eP	P	07 14 10.5 +0.9
MA2	Magadan	83.04	346	eP	Pmax	07 14 09.1 +0.1
MA2	Magadan	83.04	346	eP	Pmax	07 14 09.1 +0.1
SKNT	Sakolnakorn	83.04	291	P	P	07 14 11.8 +1.8
PDMCI	Parker Dam, Lak	83.05	50	P	P	07 14 11.4 +1.8
GSI	Gunungstoli	83.09	274	eP	P	07 14 09.5 -0.8
K05A	Summer Lake	83.16	40	eP	P	07 14 04.3 -5.9
G03D	McMinnville, O	83.26	37	P	P	07 14 12.4 +2.0
J05D	Fort Rock, OR	83.28	39	P	P	07 14 12.4 +1.6
TRTT	Trang	83.44	281	P	P	07 14 21.8 +1.0
SHPR	Sheep Range	83.45	47	eP	P	07 14 13.6 +1.7
I05D	Terrebonne, OR	83.84	38	P	P	07 14 14.8 +1.3
GAMB	Gambell	84.07	4	eP	P	07 14 15.5 +1.4
R11A	Troy Canyon, C	84.12	46	P	P	07 14 16.2 +1.0
R11A	Troy Canyon, C	84.12	46	eP	P	07 14 16.1 +0.8
BMN	Battle Mountai	84.15	43	eP	Pmax	07 14 16.1 +0.8
BMN	Battle Mountai	84.15	43	eP	Pmax	07 14 16.1 +0.8
ENH	Enshi	84.17	305	eP	P	07 14 12.2 -3.3
BJT	Baijiatuau	84.26	316	eP	Pmax	07 14 15.6 0.0
BJT	Baijiatuau	84.26	316	eP	Pmax	07 14 15.6 0.0
BJI	Beijing	84.26	316	P	Pmax	07 14 21.6 +5.9
BJI	Beijing	84.26	316	P	Pmax	07 14 21.6 +5.9
NLWA	Neilton Lookou	84.27	35	eP	P	07 14 16.8 +1.2
WVOR	Wild Horse Val	84.36	41	eP	Pmax	07 14 17.1 +0.8
WVOR	Wild Horse Val	84.36	41	eP	Pmax	07 14 17.1 +0.8
G05D	Wamic, OR	84.38	37	P	P	07 14 17.1 +0.9
TUC	Tucson	84.55	53	eP	Pmax	07 14 18.7 +1.3
TUC	Tucson	84.55	53	eP	Pmax	07 14 18.7 +1.3
GYA	Guliyang	84.70	301	P	P	07 14 18.2 -0.2
GYA					pP	07 14 30.6 +0.9
GYA					PP	07 17 36.0 +1.0
GYA					SKS	07 24 34.5 -5.8
GYA					S	07 24 41.2 -2.7
GYA					Pmax	
RC01	Rabbit Creek A	84.75	14	eP	P	07 14 18.4 +0.7
PMR	Palmer	85.34	14	eP	Pmax	07 14 20.1 -0.4
PMR	Palmer	85.34	14	eP	Pmax	07 14 20.1 -0.4
PBK1	Sadao Pong	85.54	289	P	P	07 14 30.2 +7.6
TIY	Taiyuan	85.57	313	eP	Pmax	07 14 29.8 +7.4
TIY	Taiyuan	85.57	313	eP	Pmax	07 14 29.8 +7.4
ELK	Elko	85.60	44	eP	P	07 14 25.3 +2.6
ELK	Elko	85.60	44	eP	P	07 14 25.3 +2.6
WUAZ	Wupatki	85.63	50	eP	P	07 14 24.3 +1.4
A04D	Lummi Island	85.70	34	P	P	07 14 24.2 +1.6
SML	Sawmill	85.71	15	eP	Pmax	07 14 22.2 -0.3
SML	Sawmill	85.71	15	eP	Pmax	07 14 22.2 -0.3
SEY	Seymchan	85.71	348	i/PP	pP	07 14 22.9 +0.5
SEY					P	07 14 32.6 -1.1
B05A	Bryant	85.75	35	P	P	07 14 24.0 +1.1
DIV	Divide	85.76	16	eP	P	07 14 22.9 +0.1
PPLA	Purkeypile	85.83	12	P	P	07 14 24.2 +1.0
BMRM	Bremner River	85.93	17	eP	P	07 14 22.5 -1.2
HAWA	Hanford	86.06	37	eP	P	07 14 25.1 +0.5
XAN	Xtan	86.33	308	P	P	07 14 26.9 +0.7
XAN					S	07 24 57.9 -1.5
XAN					Pmax	
WRAC	Wrangell Islan	86.40	24	eP	P	07 14 27.1 +1.1
SYO	Syowa Base	86.44	193	eP	P	07 14 23.4 -2.7
SYO	Syowa Base	86.44	193	eP	P	07 14 33.0 -4.4
BMO	Blue Mountains	86.50	39	eP	Pmax	07 14 27.3 +0.4
BMO	Blue Mountains	86.50	39	eP	Pmax	07 14 27.3 +0.4
W18A	Petrified Fore	86.62	51	P	P	07 14 29.6 +1.7
MFID	Camas Ranch	86.62	41	eP	P	07 14 28.1 +0.6

KTH	Kantishna Hill	86.68	13	eP	P	07 14 26.0 -1.3
TRF	Thorfare Moun	86.72	13	eP	P	07 14 26.7 -0.9
121A	Cookes Peak, D	86.90	54	eP	P	07 14 31.2 +1.9
121A	Cookes Peak, D	86.90	54	eP	P	07 14 31.5 +2.2
BPAW	Bear Paw Mtn.	87.15	12	eP	P	07 14 28.1 -1.4
MCK	McKinley	87.26	13	eP	Pmax	07 14 29.8 -0.2
MCK	McKinley	87.26	13	eP	Pmax	07 14 29.8 -0.2
HIA	Hailar	87.31	325	i/PP	pP	07 14 31.5 +0.9
HIA					P	07 14 42.1 -0.7
HIA					Pmax	
KMI	Kunming	87.37	298	P	P	07 14 33.9 +2.2
KMI					S	07 25 00.4 +3.2
KMI					SS	07 30 57.0 +1.1
KMI					Pmax	
KMI					LR	
SKAG	Skagway	87.55	21	eP	P	07 14 31.6 +0.1
HLID	Hailey	87.58	42	eP	P	07 14 33.1 +0.8
HHC	Hu-ho-hao-te	87.70	315	eP	P	07 14 32.1 -0.7
HHC					SKS	07 25 54.1 -4.2
HHC					SKS	07 25 09.4 +1.4
HHC					Pmax	
HHC					Pmax	
HHC					LR	
HHC					LR	
HHC					LR	
CMAR	Chiang Mai Arr	88.04	290	P	P	07 14 35.8 +1.0
CMAR					LR	07 50 50.2
CMMT	Chiang Mai	88.17	291	P	P	07 14 42.9 +7.5
CHTO	Chiang Mai	88.17	291	P	P	07 14 42.9 +7.5
CHTO	Chiang Mai	88.17	291	eP	Pmax	07 14 34.0 -1.4
CHTO					Pmax	
CHTO					P	07 14 34.0 -1.4
SNA	Sanae	88.25	179	eP	P	07 14 33.6 -1.4
SNA	Sanae	88.25	179	eP	P	07 14 35.1 +0.1
SNA					Pmax	
SNA					Pmax	
DOT	Dot Lake	88.32	15	eP	P	07 14 34.7 -0.4
MNTX	Montezuma	88.38	55	eP	P	07 14 37.5 +1.3
NEW	Newport	88.47	37	eP	P	07 14 35.8 -0.5
NEW	Newport	88.47	37	eP	P	07 14 36.7 +0.5
NEW					Pmax	
NEW					Pmax	
COLA	College	88.49	13	eP	P	07 14 34.8 -1.0
COLA					Pmax	
COLA					Pmax	
ILAR	Ilse	88.61	14	P	P	07 14 35.7 -0.7
ILAR					PKK	07 32 17.5 +1.6
ILAR					PKK	07 49 58.8
BTO	Batout	88.61	314	eP	P	07 14 43.1 +6.0
BILL	Bill	88.64	355	i/PP	pP	07 14 46.9 -0.9
BILL					P	07 18 10.0
BILL					Pmax	
BILL					Pmax	
TXAR	Lajitas Array	88.75	58	P	P	07 14 40.0 +2.0
TXAR					P	07 14 40.0 +2.0
TXAR					PKK	07 32 19.1 +0.4
TXAR					PKK	07 47 34.2
NVL	Nvarezskaya	88.78	164	eP	P	07 14 36.5 -0.9
PV01	Paradox Valley	88.84	48	eP	P	07 14 39.1 +0.7
CD2	Chengdu	88.89	303	eP	P	07 14 37.4 -1.2
CD2					PP	07 18 07.0 -1.6
CD2					SKS	07 25 02.8 -3.0
CD2					S	07 25 22.4 -1.7
CD2					SS	07 25 44.2 +1.2
CD2					SS	07 31 16.8 -0.8
CD2					Pmax	
CD2					Pmax	
ANMO	Albuquerque	88.95	52	eP	P	07 14 40.3 +1.3
ANMO					i/PP	07 14 50.0 -0.4
ANMO					Pmax	
ANMO					Pmax	
ANMO					P	07 14 40.0 +1.0
VNA1	Neumayer-Stat	89.12	177	P	P	07 14 39.2 +0.2
CLNS	Chul'man	89.48	333	eP	Pmax	07 14 47.0 +6.2
CLNS					Pmax	
CLNS					Pmax	
DLMT	Dillon	89.61	41	eP	P	07 14 42.8 +1.0
TPAW	Teton Pass	89.73	43	eP	P	07 14 43.3 +0.7
REDW	Red Top Meadow	89.73	43	eP	P	07 14 43.6 +1.1
SNOW	Snow King Moun	89.84	43	eP	P	07 14 44.0 +0.9
DAWY	Dawson	89.87	17	eP	P	07 14 42.4 0.0
S22A	4UR Ranch, Cre	89.90	49	P	P	07 14 44.2 +0.7
IMW	Indian Meadow	89.93	43	eP	P	07 14 44.7 +1.2
O20A	White River Ci	89.97	47	eP	P	07 14 44.4 +0.7
O20A					P	07 14 44.1 +0.5
EGAK	Eagle	89.97	16	eP	P	07 14 42.6 -0.2
MOOW	Moose Ponds	89.98	43	eP	P	07 14 44.8 +1.1
LOHW	Long Hollow	90.01	43	eP	P	07 14 45.0 +1.3
COLD	Coldfoot	90.08	11	eP	P	07 14 43.5 +0.2
FLWY	Flagg Ranch	90.17	42	eP	P	07 14 46.3 +1.8
BW06	Boulder Array	90.29	44	P	P	07 14 45.1 0.0
PDAR	Pinedale Array	90.29	44	P	P	07 14 45.7 +0.6
PDAR					PKK	07 32 19.0 +3.3
PDAR					PKK	07 48 25.5
H17A	Grant Village	90.40	42	P	P	07 14 46.5 +0.8
H17A					P	07 14 47.3 +1.7
SDCO	Gre Sand D	90.85	50	eP	P	07 14 48.5 +0.6
PLCA	Paso Flores	90.95	134	P	P	07 14 49.4 +1.1
PLCA					P	07 14 49.4 +1.1

PLCA	comp=N, 134nm, 18.5s, baz=302, slow=32	LR	LR	07 50 07.8		
YAK	Yakutsk	91.14	339	P	P	07 14 48.5 +0.2
YAK	Yakutsk	91.14	339	eP	P	07 14 47.9 -0.4
YAK					Pmax	
YAK					Pmax	
YAK					P	07 14 48.5 +0.2
832A	French, C	91.32	60	P	P	07 14 50.6 +0.7
T25A	Trinidad	91.38	51	P	P	07 14 51.5 +1.1
Q24A	Divide	91.61	49	P	P	07 14 52.4 +1.0
CMIG	Matias Romero	91.6				

Table with columns for station name, coordinates, and various parameters. Includes stations like YKA, 033A Hebron, P34A Walnut Farm, KURK Kurchatov, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like ARR Arges, VYHS Vyhne, PSZ Piszkesteto, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like PVAQ Vaqueiros, KEST Kesra, LIC Lantana, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KKK2, JMK, JMW, etc.

Text block containing station identifiers and coordinates: IDC 07:07:37.47.0.4.1.11S.142.13E, h88km, mb3.6/4, m=1.9/5, mb1mx3.5/29, mbtmp4.0/9, Error ellipse: s-maj=48.5km s-min=17.1km az=91.0

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

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

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

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

Text block containing station identifiers and coordinates: NIED 07:08:26.00.44.70N.141.60E, h300km, Mw4.4 Best double couple: M4.63000x1015 NP1.9e196.00000, 853.00000, lambda-14.000000. NP2.0e294.00000, 879.00000, lambda-142.00000

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

G11 07 08:52:28.0.0.1,32:57N:34:47E,h30km,mb4.4/4, MD4.2/5
BUJ 07 08:52:29.0.32:60N:34:50E,h31km,mb4.4/1,M57 4.2/1
ISK 07 08:52:30.6.33:18N:34:55E,h5km,ML.4.1
SC 07 08:52:26.2.0.7,32:58N:0.02:34.47E:0.02,h23km,5km, n255,148/334,mb3.9/29,Dead Sea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like 'Ofar', 'Sal'it', 'Bet Lehem HaGe', etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like 'SALA', 'RMNI', 'ASF', 'HWO', etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like 'OREN', 'BATCH', 'SLFK', etc.

Table with columns for station name, frequency, and other details. Includes stations like FNA Florina, SMTH Samothraki Isl, KALE Kalithea, etc.

Table with columns for station name, frequency, and other details. Includes stations like PLE Pljevlja, CGLI Ceglie Messapi, DAT Datca, etc.

Table with columns for station name, frequency, and other details. Includes stations like VRCAC Vranov, OKC Ostrava-Skrna, TREC Trest, etc.

ISCJB 07 09:23:57.6: 1.1, 6.58S:0.09:146.5E:0.2, h100km, mb3.8/3, Error ellipse: s-maj=27.4km s-min=11.8km

IDC 07 09:24:01.4: 3.1, 6.75S:146.87E, h128km, mb3.1/3, s-maj=49.5km s-min=26.2km az=112.0

ISC 07 09:23:58.8: 1.2, 6.65S:0.1, 146.6E:0.3, h100km, n8, mb1.0/9, mb3.6/3, Eastern New Guinea region

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s. Includes stations like PMG Port Moresby, CTA Charters Tower, WRA Warramunga Arr, etc.

SOEI	Soe	59.20 269	eP	P	11 11 33.8	+1.1
VNDA	Vanda	61.04 186	P	P	11 11 44.9	+0.9
MBWA	Marble Bar	61.18 255	eP	P	11 11 44.7	-1.2
MJAR	Matsushiro Arr	69.57 321	P	P	11 12 39.4	+0.2
MAT	Matsushiro	69.57 321	P	P	11 12 39.6	+0.4
PETK	Petroglavsk	74.22 343	P	P	11 13 07.2	+0.8
CSPM	San Pablo Ridg	74.23 41	eP	P	11 13 09.7	+3.0
SSLB	Suanlung	74.72 301	eP	P	11 13 10.2	+0.4
PASC	Padadena Art C	74.72 46	eP	P	11 13 11.1	+1.4
TPUB	Ta-pu	74.76 301	eP	P	11 13 09.9	-0.2
KSM	Kuching	75.76 276	eP	P	11 13 16.9	+0.9
KSRs	Korea Array	76.58 317	P	P	11 13 21.2	+1.2
KSAR	Wonju Array Be	76.60 317	P	P	11 13 21.2	+1.0
MDJ	Mudanjiang	79.77 323	P	P	11 13 37.0	-0.3
TXAR	Lajitas Array	83.20 56	P	P	11 13 57.8	+2.1
ILAR	Eielson Array	84.91 12	P	P	11 14 03.5	+0.1
MAW	Mawson	85.20 199	P	P	11 14 05.2	+0.3
GYA	Guiyang	87.62 299	P	P	11 14 18.2	+0.6
GYA			pp	P	11 15 18.0	+0.5
GYA			pp	PP	11 17 49.0	+2.0
GYA			SKS	SKS	11 24 20.6	-0.6
GYA			sS	sS	11 24 36.4	-1.2
GYA			sS	sS	11 26 22.0	-4.0
GYA			comp=Z,20nm,1.0s	pmx	pmx	
GYA			comp=Z,120nm,6.8s	pmx	pmx	
HHC	Hu-ho-hao-te	89.31 313	eP	P	11 14 25.9	+0.7
HHC			sS	SKS	11 24 29.7	-0.9
HHC			sS	S	11 24 51.5	-1.3
HHC			sS	sS	11 26 40.1	-1.5
HHC			comp=Z,2.1nm,1.0s	pmx	pmx	
HHC			comp=Z,100nm,6.7s	LR	LR	
HHC			comp=N,250nm,21.6s	LR	LR	
HHC			comp=E,560nm,21.8s	LR	LR	
HHC			comp=Z,150nm,21.4s	LR	LR	
CD2	Chengdu	91.55 302	eP	P	11 14 36.0	+0.3
CM01	Chiang Mai Arr	91.71 289	eP	P	11 14 37.5	+0.8
CMAR	Chiang Mai Arr	91.74 289	P	P	11 14 37.2	+0.4
KSH	Kashi	115.43 306	ePKP	PKP	11 20 10.0	+0.6
KSH			pp	PP	11 21 14.5	-0.6
KSH			PKS	PKS	11 23 45.2	-0.9
KSH			SKS	SKS	11 26 58.9	+1.9
KSH			SKKS	SKKS	11 27 42.8	-6.9
KSH			AMB	AMB		
KSH			comp=Z,74nm,4.7s	LR	LR	
KSH			comp=N,120nm,7.3s	LR	LR	
KSH			comp=E,230nm,5.5s	LR	LR	
KSH			comp=Z,170nm,6.3s	LR	LR	
KMBO	Kilima Mbogo	143.09 243	PKP	PKPbc	11 21 00.0	0.0
BUR08	Bucovina Ar. S	145.70 335	ePKP	PKP	11 21 08.1	+0.7
BURAR	Bucovina Array	145.72 335	iP	PKP	11 21 08.5	+1.1
CLL	Collm	145.74 351	ePKP	PKP	11 21 07.0	-0.2
CLL	Collm	145.74 351	iP	PKP	11 21 06.9	-0.3
TLCR	Bergjesshubel	145.98 329	iP	PKP	11 21 08.0	+0.1
BRG	Bergjesshubel	146.01 350	ePKP	PKPbc	11 21 07.3	+0.1
DPC	Dobruska-Polom	146.05 347	ePKP	PKP	11 21 08.7	+0.2
CFR	Carcalui	146.32 330	iP	PKP	11 21 09.1	-0.5
BR131	Keşkin Array S	146.73 317	ePKPbc	PKP	11 21 10.0	+0.2
BRTR	Keşkin Array B	146.73 317	PKPbc	PKP	11 21 10.2	+0.3
TLB	Topala	146.80 329	iP	PKP	11 21 10.5	+0.8
DOPR	Dopca	146.97 333	iP	PKP	11 21 11.7	+0.5
MLR	Muntele Rosu	147.10 332	iP	PKP	11 21 11.1	+0.4
BR231	Keşkin MP ArrA	147.21 318	ePKPbc	PKP	11 21 10.9	-0.2
DRGR	Kasperske Hory	147.36 337	ePKP	PKP	11 21 12.1	+0.8
KHC	Kasperske Hory	147.76 349	ePKP	PKP	11 21 13.9	+1.2
KHC			x	x	11 21 33.6	
ARR	Arges	147.76 333	iP	PKP	11 21 14.1	-1.4
GERES	GERES Array B	148.01 349	ePKPbc	PKP	11 21 13.6	+0.6
GEAO	GERES Array S	148.02 349	ePKPbc	PKP	11 21 13.8	+0.8
CSS	Mathiatis	149.39 310	ePKPbc	PKPbc	11 21 16.1	-0.5

SCB 07 11:16:37.1±0.2, 18.63S;67.24W, h230km, M3.6/2, Error ellipse: s-maj=10.5km s-min=4.6km az=52.0
 IDC 07 11:16:38.5±0.8, 18.62S;67.12W, h240km, 7km, mb3.4/6, mb1 3.6/1.1, mb1mx3.4/2.2, mbtmp4.0/1.1, Error ellipse: s-maj=17.2km s-min=9.0km az=94.0
 ISC 07 11:16:39.4±0.7, 18.63S;0.05±67.50W±0.08, h250km, n25, s=147.92, mb3.7/6, 3C-9D, Central Bolivia

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res	ISC
				Op	h m s	ISC
BBJO	La Paz, Jacaqui	1.77 338	iP	Pn	11 17 23.0	+2.5
BBJO			iJ	S	11 17 54.2	+1.3
BBJO			iJ	S	11 17 23.5	+2.7
BBOE	La Paz, Chanca	1.86 346	iP	Pn	11 17 23.5	+2.7
PB08	IPOC Station P	2.17 226	eP	Pn	11 17 25.9	+2.1
PB08	La Paz, Gloria	2.24 332	iP	Pn	11 17 27.0	+2.3
PB08			iJ	S	11 18 02.8	+2.4
LPAZ	La Paz	2.40 345	P	Pn	11 17 27.8	+1.3
LPAZ			S	S	11 18 03.7	+0.2
LPAZ			Pn	Pn	11 17 24.9	-1.5
LPAZ			Pn	Pn	11 17 27.7	+1.3
LPAZ			eS	S	11 18 03.7	+0.2
BB0B	La Paz, Bander	2.55 346	iP	Pn	11 17 28.9	+1.2
PB08			iJ	S	11 18 05.5	+0.7
PB12	Pisagua	2.66 248	eP	Pn	11 17 30.1	+1.7
PS12	IPOC Station P	2.69 270	eP	Pn	11 17 25.9	-2.7
HMCB	Humberstone	2.79 234	eP	Pn	11 17 39.1	+9.4
MOCB	Mochra	3.14 146	iP	Pn	11 17 33.7	-0.2
LVC	Limon Verde	4.17 198	P	Pn	11 17 47.0	+1.4
LVC			S	S	11 18 38.2	0.0
SIV	San Ignacio	6.68 68	P	Pn	11 18 10.6	-5.5
SIV			Pn	Pn	11 18 11.5	-4.6
NNA	Nana	11.17 305	P	Pn	11 19 16.5	-0.3
NNA			S	S	11 21 14.2	-3.6
PTGA	Pitinga	22.40 345	eP	Pn	11 20 42.8	-2.9
PLCA	Paso Flores	22.19 186	P	P	11 21 15.9	+0.9
TXAR	Lajitas Array	59.09 323	eP	P	11 26 15.5	+1.6
DBAR	Dobruska-Polom	146.05 347	ePKP	PKP	11 27 01.9	-1.9
DBAR			iJ	S	11 27 01.9	-1.9
PDAR	Pinedale Array	74.32 329	P	P	11 27 39.5	+1.4
ULM	La Gu Bonnet	73.01 341	P	P	11 27 41.4	-0.2
ESDC	Sonsea Array	82.86 44	P	P	11 28 35.8	-0.4
ASAR	Alce Springs	133.06 207	PKP	PKP	11 35 26.2	+0.3
WRA	Warramunga Arr	136.09 210	PKP	PKP	11 35 32.4	+0.7

ISCJB 07 11:17:26.1±0.7, 33.75N;0.04±35.66E±0.05, h29km, 5km, Error ellipse: s-maj=7.7km s-min=7.0km az=140.1
 CSEM 07 11:17:26.2±0.3, 33.74N;35.70E, h20km, M2.8, Error ellipse: s-maj=8.9km s-min=7.1km az=67.0
 GRAL 07 11:17:28.2±0.3, 33.79N;35.80E, h0km, 23km, MD2.8
 NSSC 07 11:17:28.2±1.6, 33.69N;35.83E, h37km, 6km, ML1.5
 ISC 07 11:17:25.2±1.0, 33.74N;0.03±35.72E±0.04, h27km, 7km, n17, ±0.95/30, Jordan-Syria region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res	ISC
				Op	h m s	ISC
DQRL	Deir Qamar	0.13 253	eP	Pn	11 17 31.8	+0.3
DQRL			eS	Sb	11 17 34.6	+0.4
DQRL	Deir Qamar	0.13 253	eP	Pn	11 17 31.8	+0.3
DQRL			eS	Sb	11 17 34.6	+0.4
BHL	Bhannes	0.17 342	eS	Sb	11 17 31.1	+0.2
BHL			eS	Sb	11 17 33.5	-1.4
BHL	Bhannes	0.17 342	eS	Sb	11 17 31.1	+0.2
BHL			eS	Sb	11 17 33.5	-1.4
BEYL	Beirut	0.23 305	eP	Pn	11 17 33.1	+0.3
BEYL	Beirut	0.23 305	eP	Pn	11 17 33.1	+0.3
RCY	Rachaya	0.27 158	eS	Sb	11 17 32.4	+0.4
RCY			eS	Sb	11 17 32.4	+0.4
RCY	Rachaya	0.27 158	eS	Sb	11 17 32.4	+0.4
RCY			eS	Sb	11 17 32.4	+0.4
BRBR	Barbar	0.39 149	eP	Pn	11 17 35.6	+0.4
BRBR			eS	Sb	11 17 42.5	+0.7
BRBR			AML	AML	11 17 45.3	
BRBR	comp=E,69nm,0.4s		AML	AML	11 17 47.1	
BRBR	comp=N,50nm,0.3s		AML	AML	11 17 37.3	-0.3
HWQ	Hawq	0.57 20	eP	Pn	11 17 37.3	-0.3
HWQ	Hawq	0.57 20	eP	Pn	11 17 37.3	-0.3
MARH	Ras Al Marh	0.70 66	eP	Pn	11 17 40.8	+1.2
MARH			eS	Sb	11 17 51.1	+1.4
MARH			AML	AML	11 17 58.8	
MARH	comp=N,58nm,0.4s		AML	AML	11 18 03.9	
MARH	comp=E,29nm,0.4s		AML	AML	11 17 40.8	+1.2
MARH	SNR=114		eS	Sb	11 17 51.1	+1.4
SALA	Sala	1.34 140	eP	Pb	11 17 50.3	+0.5
SALA			eS	Sb	11 18 05.1	-0.2
SALA	comp=N,15nm,0.3s		AML	AML	11 18 11.3	
SALA	comp=E,2.3nm,0.4s		AML	AML	11 18 17.8	
SALA	Sala	1.34 140	eP	Pb	11 17 50.3	+0.5
SALA	SNR=57		eS	Sb	11 18 05.1	-0.2
ZALF	Zalf	1.58 121	eP	Pb	11 17 52.9	-1.0
ZALF			eS	Sb	11 18 09.1	-2.1
ZALF			AML	AML	11 18 20.6	
ZALF	comp=N,11nm,0.4s		AML	AML	11 18 20.6	
ZALF	comp=E,1.3nm,0.4s		eP	Pb	11 17 52.9	-1.0
ZALF	SNR=57		eS	Sb	11 18 09.1	-2.1
ZALF	comp=E,1.3nm,0.4s,SNR=58		eP	Pb	11 18 09.1	-2.1

ISCJB 07 11:56:33.0±0.4, 0.485N;0.03±35.96E±0.03, h0km, Error ellipse: s-maj=3.8km s-min=3.5km az=139.0
 ISK 07 11:56:32.3±0.4, 0.99N;35.71E, h25km, MD2.6
 DDA 07 11:56:33.0±0.4, 0.484N;35.97E, h7km, M2.8, Suspected Mining explosion.
 CSEM 07 11:56:33.0±0.3, 0.487N;35.93E, h1km, MD2.6, Error ellipse: s-maj=6.8km s-min=5.4km az=121.0, Suspected Mining explosion.
 ISC 07 11:56:32.5±0.8, 0.482N;0.03±35.98E±0.02, h0km, n24, ±0.89/39, Turkey

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res	ISC
				Op	h m s	ISC
KVT	Kavak	0.26 11	PG	Pg	11 56 37.9	+0.3
KVT			eSg	Sg	11 56 41.1	+0.1
KVT	Kavak	0.26 11	iP	Pg	11 56 37.9	+0.3
KVT			eSg	Sg	11 56 41.1	+0.1
HAVZ	Havza	0.32 322	iP	Pg	11 56 39.2	+0.5
HAVZ						

7d 13h

Table with columns: YAK, Station Name, Az, El, P, S, Time, Res. Includes stations like Yakutsk, Kuf'dur, Tiksi, etc.

MEX 07 12:14:05.3:0.4, 14:10N:92:30W, h88km, 35km, MD3.8, Near coast of Chiapas

JMA 07 12:34:27.3:0.2, 28:55N:128:59E, h129km, 3km, M3.6, Ryukyu Islands

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like JAMN, JAJA, JTK, etc.

CSEM 07 12:50:25.2:0.7, 34:25N:26:69E, h10km, ML2.8, Error ellipse: s-maj=16.5km s-min=5.2km az=173.0

DDA 07 12:50:41.9, 35:37N:27:66E, h7km, Md3.3, ISC 07 12:50:24.1:1.9, 34:47N:108:26.71E, 0.03, h4km, 10km, n42, z:06/68, mb3.8/6, Crete

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ZKR, NPS, LAST, etc.

2015 AUG

Table with columns: TURN, Station Name, Az, El, P, S, Time, Res. Includes stations like Turunc, Fethiye, Kas, etc.

MEX 07 13:21:54.7:0.5, 14:42N:92:63W, h7km, MD3.8, Near coast of Chiapas

JMA 07 13:28:31.6:0.2, 36:50N:141:59E, h34km, 4km, M2.5, Near east coast of eastern Honshu

IDC 07 13:30:12.0:1.6, 10:74N:91:30E, h0km, mb3.7/5, mb1.3/6, mb1mx3.5/2, mbtmp3.7/6, ML4.0/1, Error ellipse: s-maj=58.9km s-min=22.4km az=59.0, Andaman Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CMAR, H08S, H08S2, etc.

NIED 07 13:33:00.37:10N:140:90E, h5km, Mw3.8 Best double couple: M=6.67000x10^14 NPI=220.00000, 444.00000, lambda=132.00000, NPZ=91.00000, 859.00000, lambda=57.00000

ISCJB 07 13:33:26.9:0.6, 37:07N:102:140:94E, 0.04, h1km, 3km, mb4.0/18, Error ellipse: s-maj=5.9km s-min=3.8km az=17.4

IDC 07 13:33:27.0:2.0, 37:11N:140:84E, h0km, mb3.9/15, mb1.4/18, mb1mx4.0/39, mbtmp3.9/18, ML3.7/2, M3.2/1, Ms1.3/2.1, ms1mx2.4/41, Error ellipse: s-maj=19.8km s-min=14.2km az=103.0

JMA 07 13:33:28.3:0.7, 37:08N:140:81E, h9km, 1km, M4.1, JMA Felt III J1, NEIC 07 13:33:32.0:0.4, 37:14N:140:87E, h35km, mb4.5/1, Error ellipse: s-maj=11.9km s-min=7.0km az=112.0

NEIC Record 19 JMA1 in Fiji region, ISC 07 13:33:28.0:1.0, 37:07N:102:140:85E, 0.05, h7km, 5km, n50, z:099/54, mb4.0/18, 00:33-3D, Eastern Honshu

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ONAJ, JFK, JHO, etc.

Table with columns: SONM, Station Name, Az, El, P, S, Time, Res. Includes stations like WAKE ISLAND, WAKE ISLAND, etc.

NNC 07 13:46:30.7:3.5, 44:25N:83:67E, h0km, mb2.8, mpv2.5, Error ellipse: s-maj=34.8km s-min=13.7km az=119.0

SOME 07 13:46:30.2, 44:18N:83:85E, h5km, ISC 07 13:46:30.1:2.2, 44:10N:0:09:84E, 0.1, h25km, n14, z:14/23, 3C-4D, Northern Xinjiang

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KTMES, MK31, DJR, etc.

IDC 07 13:51:24.8:1.9, 18:91S:178:20W, h0km, mb3.3/3, mb1.3/7, mb1mx3.5/22, mbtmp3.5/4, ML4.1/1, Error ellipse: s-maj=55.1km s-min=34.1km az=124.0, Fiji Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like URZ, WARR, ASAR, etc.

GRAL 07 13:54:22.6:0.3, 34:58N:36:37E, h0km, 100km, MD2.8, ISCJB 07 13:54:23.8:0.7, 34:49N:10:03:36E, 0.05, h5km, 6km, Error ellipse: s-maj=7.1km s-min=4.3km az=162.0

CSEM 07 13:54:23.6:0.2, 34:49N:36:25E, h2km, ML2.8, Error ellipse: s-maj=4.3km s-min=3.0km az=81.0

NSSC 07 13:54:23.2:0.9, 34:47N:36:20E, h1km, 3km, MD1.8, ML1.9, ISC 07 13:54:23.1:1.2, 34:49N:0:02:36E, 0.04, h3km, 10km, n22, z:05/39, Jordan-Yveta region

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

Y34A	Reagan Ranch, baz=43	88.77 314	P	P	14 48 28.7	0.0
WMOK	Wichita Mounta baz=42	88.77 315	P	P	14 48 28.9	+0.2
WMOK	Wichita Mounta comp=2,10.0m,0.9s	88.77 315	eP	pmax	14 48 29.8	+1.1
WMOK	Wichita Mounta comp=2,10.0m,0.9s	88.77 315	eP	P	14 48 29.8	+1.1
339A	Huntington baz=45	88.78 310	P	P	14 48 30.2	+1.4
Q24A	Divide baz=38	88.91 321	P	P	14 48 29.0	-0.6
Z35A	Perchaven, San baz=43	88.94 313	P	P	14 48 29.3	-0.2
237A	Washetta, Mont baz=44	89.05 311	P	P	14 48 29.6	-0.4
136A	Ennis baz=44	89.13 312	P	P	14 48 30.4	0.0
338A	Crockett baz=44	89.21 310	P	P	14 48 30.6	-0.1
Y33A	Hilltop Ranch, baz=42	89.22 314	P	P	14 48 30.6	-0.1
Z34A	Collier Ranch, baz=43	89.28 313	P	P	14 48 31.7	+0.6
X32A	Elmer baz=42	89.29 315	P	P	14 48 30.9	-0.2
BMO	Blue Mountains comp=2,5.0m,0.9s	89.30 332	eP	pmax	14 48 30.5	-0.6
BMO	Blue Mountains comp=2,5.0m,0.9s	89.30 332	eP	P	14 48 30.5	-0.6
O20A	White River 0, baz=37, SNR=8.5	89.46 324	P	P	14 48 32.1	+0.1
O20A	White River Ci comp=2,19m,1.1s	89.46 324	eP	P	14 48 31.9	-0.2
236A	Katherine and baz=44	89.48 312	P	P	14 48 32.5	+0.5
438A	Sam Houston St baz=44	89.75 310	P	P	14 48 33.1	-0.2
HWUT	Hardware Ranch comp=2,12m,0.8s	89.75 327	eP	P	14 48 33.9	+0.5
Z33A	Whitaker Ranch baz=42	89.83 314	P	P	14 48 33.3	-0.3
T25A	Trinidad baz=39	89.96 320	P	P	14 48 33.8	-0.6
T25A	Trinidad comp=2,8.3m,1.1s	89.96 320	eP	P	14 48 34.8	+0.4
134A	White-Moore Ra baz=43	89.96 313	P	P	14 48 33.8	-0.4
MFID	Camas Ranch comp=2,32m,2.0s	89.97 331	eP	P	14 48 34.5	+0.2
SDCO	Great Sand Dun baz=38, SNR=8.3	90.03 321	P	P	14 48 34.2	-0.7
SDCO	Great Sand Dun comp=2,5.9m,1.3s	90.03 321	eP	P	14 48 34.6	-0.3
HVU	Hansel Valley comp=2,30m,2.0s	90.12 328	eP	pmax	14 48 35.4	+0.3
HVU	Hansel Valley comp=2,30m,2.0s	90.12 328	eP	P	14 48 35.4	+0.3
234A	Clairette baz=43	90.41 313	P	P	14 48 36.5	+0.1
133A	Hamilton Ranch baz=42	90.42 313	P	P	14 48 36.8	+0.4
436A	Wall Ranch, Ga baz=43	90.52 311	P	P	14 48 36.7	-0.2
335A	Moody baz=43	90.52 312	P	P	14 48 36.7	-0.2
JLU	Jordanelle comp=2,6.8m,0.8s	90.52 326	eP	P	14 48 38.2	+1.2
S22A	4UR Ranch, Crs comp=2,3.1m,0.9s	90.69 322	P	P	14 48 37.7	-0.2
S22A	4UR Ranch, Crs comp=2,6.8m,1.0s	90.69 322	eP	P	14 48 38.5	+0.6
ABTX	Ablene, Hawle baz=42	90.82 314	P	P	14 48 37.9	-0.4
ABTX	Ablene, Hawle comp=2,15m,0.9s	90.82 314	eP	P	14 48 38.8	+0.5
233A	Rising Star baz=42	90.84 313	P	P	14 48 38.0	-0.4
BGU	Big Grassy Mow comp=2,9.9m,1.2s	90.93 328	eP	P	14 48 39.3	+0.5
334A	Lometa baz=43	90.96 312	P	P	14 48 38.7	-0.2
PV04	Paradox Valley 91.16 323	eP	P	14 48 39.8	-0.2	
PV09	Paradox Valley 91.18 324	eP	P	14 48 40.3	0.0	
PV01	Paradox Valley 91.21 323	eP	P	14 48 40.5	+0.2	
PV10	Paradox Valley 91.24 324	eP	P	14 48 41.6	+1.2	
NLU	North Lily Min 91.33 326	eP	P	14 48 40.6	-0.1	
SRU	San Rafael Swe comp=2,10.0m,1.0s	91.33 325	eP	pmax	14 48 38.8	-2.0
SRU	San Rafael Swe comp=2,9.9m,1.0s	91.33 325	eP	P	14 48 38.8	-2.0
434A	Burne baz=43	91.36 312	P	P	14 48 40.7	-0.2
333A	Richland Sprin baz=42	91.40 313	P	P	14 48 41.0	0.0
DUG	Dugway, Tocoel baz=42	91.45 327	eP	P	14 48 41.2	0.0
DUG	Dugway, Tocoel comp=2,6.0m,0.9s	91.45 327	eP	pmax	14 48 41.0	-0.2
DUG	Dugway, Tocoel comp=2,6.0m,0.9s	91.45 327	eP	P	14 48 41.0	-0.2
TMUT	Trail Mountain comp=2,6.0m,0.9s	91.48 325	eP	P	14 48 40.3	-1.3
MSTX	Muleshoe baz=40	91.53 317	P	P	14 48 42.1	+0.4
MSTX	Muleshoe comp=2,2.3m,0.6s	91.53 317	eP	P	14 48 41.6	-0.1
WVOR	Wild Horse Val comp=2,16m,1.7s	91.88 332	eP	pmax	14 48 41.9	-1.3
WVOR	Wild Horse Val comp=2,16m,1.7s	91.88 332	eP	P	14 48 41.9	-1.3
433A	Art baz=42	91.88 312	P	P	14 48 43.9	+0.6
MVCO	Mesa Verde baz=37	91.92 322	P	P	14 48 42.9	-0.7
MVCO	Mesa Verde comp=2,12m,1.4s	91.92 322	eP	P	14 48 42.5	-1.1
534A	Blanco baz=43	92.05 311	P	P	14 48 43.8	-0.3
J05T	Fort Rock, OR baz=28	92.06 334	P	P	14 48 44.4	+0.4
JCTD	Junction City baz=42	94.29 313	P	P	14 48 46.3	+0.2
MSU	Marysville 92.56 326	eP	P	14 48 46.2	-0.3	
MSU	Marysville 92.56 326	eP	P	14 48 46.2	-0.3	
ANMO	Albuquerque baz=39	92.70 320	P	P	14 48 47.3	+0.1
ANMO	Albuquerque comp=2,4.0m,1.7s	92.70 320	eP	pmax	14 48 48.7	+1.5
633A	Seathill Ranch baz=42	92.88 312	P	P	14 48 48.0	+0.1
MTPU	Mount Pierson comp=2,12m,1.3s	92.95 325	eP	P	14 48 48.8	+0.3
R11A	Troy Canyon, C baz=39	94.17 328	eP	P	14 48 53.1	-0.7
R11A	Troy Canyon, C comp=2,12m,1.8s	94.17 328	eP	P	14 48 53.8	-0.1
U15A	North Rim comp=2,22m,2.0s	94.33 325	eP	P	14 48 54.5	-0.3
WUAZ	Wupatki baz=35	94.65 323	P	P	14 48 55.4	-0.7
WUAZ	Wupatki comp=2,5.7m,1.1s	94.65 323	eP	P	14 48 57.3	+1.2
MNTX	Cornudas Mount baz=39	94.68 317	eP	P	14 48 55.0	-1.1
MNTX	Cornudas Mount comp=2,3.2m,0.9s	94.68 317	eP	P	14 48 53.8	-2.3
YERR	Yerington comp=2,9.4m,1.3s	95.09 331	eP	P	14 48 59.9	+1.8
TX31	Lajitas Arr. Si 95.56 314	eP	P	14 49 00.7	+0.4	
TXAR	Lajitas Arr. S 95.56 314	eP	P	14 49 01.2	+0.9	
TXAR	Lajitas Arr. S comp=2,2.4m,0.9s, baz=62,slow=4.6,SNR=19	95.56 314	eP	LR	15 34 41.8	
X16A	Lo Mia Camp, P 95.58 323	eP	P	14 49 01.9	+1.5	
IRM	Iron Mountain, P 97.50 325	Pdf	P	14 49 09.5	+0.5	
ISA	Isabella, Lake baz=30	97.66 328	P	Pdf	14 49 10.6	+0.9
CPUP	Villa Florida 98.06 243	LR	LR	15 35 53.4		

LPAZ	La Paz comp=2,134m,18.4s, baz=58,slow=37	99.90 257	LR	LR	15 36 12.5
WRA	Warramunga Arr 119.52 93	PKP	PKP	14 54 23.3	-1.5
WRAB	Tennant Creek 119.53 93	PKP	PKP	14 54 24.1	-0.7
WB2	Warramunga Arr 119.53 93	PKP	PKP	14 54 22.6	-2.2
ASAR	Alice Springs 121.18 97	PKP	PKP	14 54 27.1	-0.8
ASAR	Alice Springs 121.18 97	PKP	PKP	15 04 31.3	+1.2
ASO1	Alice Springs 121.21 97	PKP	PKP	14 54 27.1	-0.9
CTA	Charters Tower 128.96 86	PKP	PKP	14 54 44.5	+1.6
VNDA	Vanda 137.29 168	PKHP	PKPpre	14 54 53.2	
DZM	Mont Dzumac 145.62 72	PKP	PKP	14 55 14.6	+0.6
DZM	Mont Dzumac 145.62 72	PKP	PKP	14 55 13.1	-0.4

IDC 07 14:45:35.1±0.8, 4.96N;07.31W, h0km, mb3.9/11, mb1.4/14, mb1mx3/0.4, mbtmp3.9/14, ML2.4/2, MS3.6/5, Ms1 3.7/5, ms1mx3/1.3/4, Error ellipse: s-maj=25.8km s-min=15.4km az=51.0
 ISCJB 07 14:45:38.4±0.5, 5.02N;07.78W, 29W.0/07, h31km, mb4.0/14, MS3.6/3, Error ellipse: s-maj=8.6km s-min=5.7km az=149.5
 NEIC 07 14:45:39.6±0.2, 4.79N;78.25W, h29km, 24km, mb4.6/2, Error ellipse: s-maj=19.7km s-min=8.5km az=90.1
 RSNIC 07 14:45:42.8±0.8, 0.8N;78.09W, h32km, 32km, ML3.4
 ISC 07 14:45:39.0±0.6, 5.00N;07.82W, 29W.0/07, h31km, n29, s103.0/30, mb4.0/14, MS3.7/3, South of Panama

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
MALC	Bahia Malaga	1.32	138	Op	14 46 02.9	+0.7
MALC	Bahia Malaga	1.32	138	eP	14 46 17.9	-0.9
MALC	Bahia Malaga	1.32	138	S	14 46 22.9	
GRGC	Isla de Gorgon	1.98	178	eS	14 46 35.8	+0.6
POPC	Popayan, Colom	2.89	148	eP	14 46 24.5	+0.4
POPC	Popayan, Colom	2.89	148	eP	14 47 06.3	
TOLC	Tolima	2.92	98	eP	14 46 24.9	+0.3
ROSC	El Rosal	3.89	92	Pn	14 46 39.6	+1.7
ROSC	El Rosal	3.89	92	Pn	14 47 25.6	+2.7
ROSC	El Rosal	3.89	92	Sn	14 48 40.6	
ROSC	El Rosal	3.89	92	Sn	14 48 40.6	
OTAV	Olavarría	4.74	183	eP	14 46 49.2	-0.4
SDV	Santa Domingo	4.83	62	Pn	14 47 40.1	-0.6
SDV	Santa Domingo	4.83	62	Sn	14 49 13.3	-2.1
SDV	Santa Domingo	4.83	62	Sn	14 51 13.6	
SDV	Santa Domingo	4.83	62	ePn	14 47 40.0	-0.6
SDV	Santa Domingo	4.83	62	Sn	14 49 13.3	-2.1
PTGA	Pitinga	19.11	107	Pn	14 49 59.5	-0.9
PTGA	Pitinga	19.11	107	Pn	14 50 47.0	+0.1
LPAZ	La Paz	23.39	155	P	15 00 41.0	
LPAZ	La Paz	23.39	155	P	15 00 41.0	
SIV	San Ignacio	26.89	141	P	14 51 18.5	+0.1
TXAR	Lajitas Arr	34.13	318	P	14 52 23.1	+0.8
CPUP	Villa Florida	37.15	148	LR	15 08 35.9	
SADO	Sadova	39.62	359	P	14 53 09.4	+0.8
PLCA	Pinedale Array	46.75	328	P	14 53 59.9	-1.0
PDAR	Pinedale Array	46.75	328	P	14 54 05.6	-1.0
ULM	La Cumbre	47.48	345	P	14 54 11.0	-0.9
YKA	Yellowknife Arr	63.32	342	P	14 56 05.5	-0.1
SUMG	Summit	71.75	12	iP	14 56 59.5	+0.2
SUMG	Summit	71.75	12	iP	14 56 59.4	+0.2
PPT	Papeete	73.86	250	LR	15 21 28.5	
EGAK	Eagle	74.19	337	eP	14 57 14.3	+0.9
ESDC	Sonsea Arr	74.72	50	P	14 57 17.6	+0.5
DOT	Dot Lake	74.96	335	eP	14 57 18.5	+0.6
ILAR	Eielson Array	76.49	336	P	14 57 27.0	+0.4
GERES	GERES Arr B	87.54	41	P	14 58 25.7	+0.7
ASAR	Alice Springs	143.91	236	PKP	15 05 11.1	+0.2
WRA	Warramunga Arr	145.01	242	PKP	15 05 14.8	-0.3
CMAR	Chiang Mai Arr	156.52	7	PKP	15 06 01.1	-0.2

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PLAI	Plampang	0.41	34	P	14 46 40.4	+0.1
PLAI	Plampang	0.41	34	S	14 46 42.6	-3.2
TWSI	Tailwang, Sumb	0.78	303	P	14 46 48.9	+0.2
TWSI	Tailwang, Sumb	0.78	303	S	14 46 58.3	+0.4
IGBI	Denpasar	2.39	278	P	14 47 11.1	+0.2
IGBI	Denpasar	2.39	278	S	14 47 52.6	+3.7

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
JGN	Niukaa	0.24	93	P	14 54 31.1	+1.7
JGN	Niukaa	0.24	93	P	14 54 31.8	+1.8
JAO	Obara	0.99	168	P	14 54 33.3	+1.2
MJAR	Matsushiro Arr	1.01	72	Pn	14 54 32.6	+0.6
MJAR	Matsushiro Arr	1.01	72	Sn	14 55 02.6	+3.0
JNY	Yasuoku	1.11	142	P	14 54 33.8	+1.0
JYN	Shimob	1.44	120	P	14 54 36.3	+1.3
HMMU	Hamamatsu 2	1.49	157	P	14 54 36.8	+1.5
JWT	Wachi	1.62	235	P	14 54 37.5	+1.3
JIE	Ise	1.86	188	P	14 54 40.1	+1.9
JHU	Hanno	1.89	101	P	14 54 39.3	+1.0
JHU	Hanno	1.89	101	eS	14 55 12.3	+1.4
JSD	Sado	2.05	29	P	14 54 40.4	+0.6
JKNY	Miekihoku	2.08	197	P	14 54 41.9	+1.7
JW2	Koiya	2.33	210	P	14 54 44.2	+1.6
WRA	Warramunga Arr	56.93	242	P	15 03 06.0	-3.2
ASAR	Alice Springs	59.65	183	P	15 03 32.2	-2.9
ASAR	Alice Springs					

ISCJB 07 17:46:41.0.9.5:27S:0.05:151.74E:0.07,h181km,8km, mb4.2/24, Error ellipse: s-maj=12.1km s-min=7.5km az=24.4

BUJ 07 17:46:41.0.5:44S:151.72E,h181km,mb4.5/20,mb4.8/11, Ms4.9/5, Ms7.4/8.5

NEIC 07 17:46:42.4.0.8.5:19S:151.62E,h73km,6km,mb4.0/14, mb1.4/2.16,mb1mx4.0/35,mbtmp4.4/16,MS3.6/7, Ms1.3/6.7,ms1mx3.2/26,Error ellipse: s-maj=17.6km s-min=9.7km az=117.0

DJA 07 17:46:49.2.2.2.5:9S:151.2E,1.6h133km,14km, Ms5.0/11,ms5.3/1,mb4.6/11,MLV5.2/1,MW(MB)4.8/1

ISC 07 17:46:41.7.0.6.5:32S:0.05:151.84E:0.07,h71km,4km, h71km,pp-P,n54,1s42,069,mb4.4/23,New Britain region

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

RABL Rabaul 1.17 16 ePn Pn 17 47 03.4 +0.9

MANU Manus Island 5.53 306 ePn Pn 17 48 05.0 +3.5

PMG Port Moresby 6.17 229 P Pn 17 48 11.2 +1.0

FINES FINES Array B 111.13 335 PKIKP PKIKP 18 05 06.3 -0.6

GERES GERES Array B 123.99 328 PKP PKPpdf 18 05 31.3 -0.8

DAVOX Davos/Dischmat 127.30 328 PKP PKPpdf 18 05 38.9 +0.3

LPZA La Paz 135.00 119 PKP PKPpdf 18 05 56.4 +1.8

ISCJB 07 17:56:46.4.0.8.18:0S:02:178.5W:0.2,h650km, mb3.6/12, Error ellipse: s-maj=25.3km s-min=18.3km az=155.8

ISC 07 17:56:48.9.4.2.17:93S:178.50W,h663km,49km, mb3.1/12,mb1.3/3.12,mb1mx3.1/37,mbtmp4.2/12,Error ellipse: s-maj=26.6km s-min=21.7km az=83.0

ISC 07 17:56:47.7.0.8.17:35S:02:178.4W:0.2,h650km,n15, +0563/17,mb3.7/12,Fiji Islands region

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

CTA Charters Tower 33.42 261 P P 18 02 36.5 +0.6

7d 18h GUC 07 18:39:59.7.0.6.29:15S:67:85W,h145km,ML4.1

ISC 07 18:39:57.1.5.28:21S:07:67:83W,0.04, h145km,12km,n20,1s97/39,2C-21D,La Roca Province

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

VCA Vinchina 0.73 224j eP IAML 18 40 20.0 +0.5

AGUA GUANDACOL 1.48 210j eP Pn 18 40 37.4 +0.7

AGUA Choya 1.63 99j eP Pn 18 40 48.9 +0.1

AVFE Valle Fertii 2.45 176 eP Pn 18 41 08.8 +0.9

AHML Horco Molle 2.49 56j eP Pn 18 41 39.4 +1.0

CPCH Copiapo 2.55 289 eP Pn 18 41 09.7 +0.5

FSA Cafatey 2.56 36j eS Pn 18 41 19.7 +2.6

ISCJB 07 18:39:58.0.0.7:28:23S:0.03:67:64W:0.04,h135km,8km, Error ellipse: s-maj=5.4km s-min=5.1km az=27.1

ISC 07 18:59:50.5.0.4.40:47N:02:25:86E:0.04,h6km,5km, MW3.7

Error ellipse: s-maj=4.7km s-min=3.8km az=12.8
ATH 07 18:59:50.7, 40.46N, 25.82E, h11km, 3km, ML1.6/4, Error ellipse: s-maj=3.3km s-min=2.0km az=276.0

CSEM 07 18:59:50.6, 0.1, 40.46N, 25.86E, h5km, ML1.6, Error ellipse: s-maj=3.1km s-min=2.7km az=130.0
ISK 07 18:59:50.3, 40.46N, 25.90E, h15km, MD2.6
THE 07 18:59:51.0, 40.47N, 25.81E, h4km, 4km, ML1.7/2, Error ellipse: s-maj=4.7km s-min=0.3km az=157.0
ISC 07 18:59:49.6, 1.2, 40.47N, 0.02, 25.90E, 0.03, h4km, 11km, n40, c0544/60, Aegean Sea

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

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

NNC 07 19:01:01.8, 2.1, 50.57N, 86.98E, h0km, mb3.6, mpv3.1, Error ellipse: s-maj=16.4km s-min=9.9km az=78.0
IDC 07 19:09:59.1, 2.1, 50.54N, 87.22E, h0km, mb3.7/1, mb1.3/4, mb1mx3.1/49, mbtmp3.3/4, ML2.6/3, 8C-2D, Error ellipse: s-maj=22.5km s-min=14.4km az=93.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ZALV, MK31, MKAR, etc.

MAN 07 19:12:06.8, 27N, 126.30E, h1km, mb4.3, ML3.1, MS2.9, 4D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BIPH, DMPH, CGP, CTBH.

ISCJB 07 19:14:34.5, 0.5, 44.36N, 0.05, 147.44E, 0.07, h11km, 3km, mb3.9/14, Error ellipse: s-maj=10.4km s-min=5.5km az=139.3
JMA 07 19:14:34.7, 0.2, 43.99N, 147.77E, h83km, M4.0
MOS 07 19:14:34.5, 1.9, 44.43N, 147.45E, h113km, mb4.0/11, Error ellipse: s-maj=14.6km s-min=9.4km az=121.4
SKHL 07 19:14:35.1, 0.4, 44.05N, 147.94E, h79km, 5km, mb5.2/3
IDC 07 19:14:38.4, 0.3, 44.28N, 147.44E, h132km, 27km, mb3.5/10, mb1.3/7/10, mb1mx3.3/47, mbtmp3.9/10, Error ellipse: s-maj=23.6km s-min=19.9km az=151.0
ISC 07 19:14:35.6, 0.7, 44.35N, 0.05, 147.44E, 0.06, h104km, 5km, n55, c1971/68, mb4.1/14, 2C-6D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SHO, KUR, YUK, NEM2, etc.

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

YSS Yuzh-Sakhalins 4.19 310 eP Pn 19 15 42.1 +6.7
YSS Yuzh-Sakhalins 4.19 310 eP Pn 19 15 42.1 +6.7
YSS Kayabe 5.95 245 P Pn 19 15 52.5 +0.3
YSS Ohata 5.55 240 P Pn 19 15 55.2 +0.6
YSS JOT 5.55 240 P Pn 19 15 55.2 +0.6
YSS UGL Uglegorsk 6.00 324 eP Sn 19 15 59.7 -2.1
YSS UGL Uglegorsk 6.00 324 eP Sn 19 15 59.7 -2.1
YSS TTV Teymoyevsk 7.28 335 eP Pn 19 16 25.3 +6.2
YSS SKR Severo-Kuril's 8.64 40 eP Pn 19 16 38.0 +0.4
YSS HABR Khabarovsk 9.50 300 eP Pn 19 16 47.9 -1.4
YSS HABR Khabarovsk 9.50 300 eP Pn 19 16 47.9 -1.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like H1N2, H1N1, H1N3, etc.

comp=Z,1.3nm,0.4s,baz=303,slow=9.7,SNR=13
ARU Arti 54.05 317 dP P 19 23 47.4 -1.5
ARU Arti 54.05 317 dP P 19 24 13.0 -1.0
ARU Arti 54.05 317 dP P 19 24 49.0
ARU Arti 54.05 317 dP P 19 25 49.8
ARU Arti 54.05 317 dP P 19 31 15.5 -1.4
ARU Arti 54.05 317 dP P 19 34 54.4 +4.6

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

comp=Z,1.3nm,0.4s,baz=303,slow=9.7,SNR=13
ARU Arti 54.05 317 dP P 19 23 47.4 -1.5
ARU Arti 54.05 317 dP P 19 24 13.0 -1.0
ARU Arti 54.05 317 dP P 19 24 49.0
ARU Arti 54.05 317 dP P 19 25 49.8
ARU Arti 54.05 317 dP P 19 31 15.5 -1.4
ARU Arti 54.05 317 dP P 19 34 54.4 +4.6

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ARU Arti 54.05 317 dP P 19 31 15.5 -1.4
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ARU Arti 54.05 317 dP P 19 34 54.4 +4.6

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ARU Arti 54.05 317 dP P 19 34 54.4 +4.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Pldvdiv, Serrai, Kendrikon, Valandovo, Kavaia, Sokhos, Barje, Horliatis, Rodhopi, Boljevac, Arges, Gura Zlata, Muntele Rosu, Buzias, Topalu, Vri Vri, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBZ Khabaz, NOAS NORSAR Array B, AKASG Malin Array B, GUC 07 20:11.49, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKTO Aktyubinsk, PPT Papaty, VNA1 Neumeayer, CPUP Villa Florida, LPZA La Paz, etc.

NIED 07 20:08:00, 39.80N, 141.80E, h26km, Mw3.9 Best double couple: M=9.13000e+10, NP1=198.00000, S21.00000, 1.87.00000...

JMA 07 20:08:50.0, 39.76N, 141.83E, h59km, 1km, M3.7 Broadband fault plane solution: P waves, NP1=20.00000, delta T=0.00000, lambda T=0.00000...

JMA Felt J1, IDC 07 20:08:52.4, 1.9, 39.70N, 141.84E, h89km, 15km, mb3.7/16, mb1 3.7/21, mb1mx3.5/9, mbtmp4.0/21, MS3.3/2...

ISIC 07 20:08:50.1, 0.8, 39.74N, 141.85E, 0.06, h59km, 6km, n39, c157/46, mb4.0/15, 3C-8D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MIYV Miyakonagasawa, JTVJ Tuzohata, JKH Kanuzumaki, JOM Ohasama, etc.

IDC 07 20:17:08.5, 3.3, 3.06S, 128.08E, h28km, 22km, mb4.1/12, mb1 4.2/15, mb1mx4.0/47, mbtmp4.3/15, ML4.3/3, MS3.6/5...

NEIC 07 20:17:08.4, 2.6, 2.97S, 127.98E, h28km, 19km, mb4.6/6, Error ellipse: s-maj=11.2km, s-min=7.1km, az=223.0

ISIC 07 20:17:09.5, 0.5, 2.82S, 0.04x128.14E, 0.03, h57km, 6km, mb4.2/13, MS3.5/4, Error ellipse: s-maj=6.4km, s-min=5.0km, az=5.3

DJA 07 20:17:12.0, 0.2, 3.2, 12.8E, h53km, 4km, M4.9/18, mb5.0/18, mb5.4/6, ML4.9/11, Mw(mb)4.8/6

ISIC 07 20:17:11.3, 0.8, 2.80S, 0.04x128.08E, 0.04, h55km, 9km, n52, c278/59, mb4.2/13, MS3.5/4, IC, Ceram Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSAI Masohi, NLAJ Namlea, SANI Sanana, LBMI Labuha, BNDI Bandanaira, etc.

IDC 07 20:21:07.1, 5.3, 3.0, 29S, 179.21W, h0km, mb3.5/2, mb1 3.8/9, mb1mx3.5/29, mbtmp3.5/2, Error ellipse: s-maj=29.2, 3km, s-min=78.8km, az=167.0, Kermadec Islands region

ASAR Alice Springs 42.07 267 P Op ISC h m s ISC 0.3nm, 0.5s, baz=104, slow=7.5, SNR=3.2

WRA Warramunga Arr 43.05 273 P P 0.4nm, 0.4s, baz=113, slow=7.8, SNR=3.6

FINES FINESS Array B 144.68 339 PKP PKPbc 20 40 44.4 +0.5

IDC 07 20:25:30.0, 4.4, 14.64S, 167.27E, h118km, 36km, mb3.6/8, mb1 3.8/9, mb1mx3.5/39, mbtmp4.0/9, Error ellipse: s-maj=26.9km, s-min=25.3km, az=45.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dumac, CTA Charles Tower, STKA Stephens Creek, WRA Warramunga Arr, etc.

ASAR Alice Springs 32.70 249 P P 0.6nm, 0.4s, baz=78, slow=9.4, SNR=17

VNDA Vanda 62.95 181 P P 0.3nm, 0.6s, baz=69, slow=2.2, SNR=4.9

MAW Mawson 81.97 202 P P 0.8nm, 0.6s, baz=84, slow=10, SNR=3.5

ILAR Eielson Array 86.44 18 P P 1.1nm, 0.5s, baz=229, slow=6.2, SNR=9.3

MAR Makanchi Array 97.14 316 P P 0.3nm, 0.5s, baz=91, slow=7.3, SNR=4.3

ARCES ARCESS Array B 120.16 345 PKP PKPpdf 20 44 05.8 -0.6

FINES FINESS Array B 125.64 338 PKP PKPpdf 20 44 17.1 0.0

KEST Kestera 151.13 321 PKPbc PKPbc 20 45 10.6 +0.7

CSEM 07 20:26:09.0, 0.2, 42.08N, 23.54E, h2km, ML2.2, Error ellipse: s-maj=4.9km, s-min=3.3km, az=76.0

BEO 07 20:26:09.8, 0.3, 42.11N, 23.59E, h0km, M2.8/8, ISK 07 20:26:09.0, 42.04N, 23.33E, h7km, ML3.0

THE 07 20:26:09.4, 42.03N, 23.60E, h0km, i2km, ML2.7/6, Error ellipse: s-maj=1.4km, s-min=0.6km, az=334.0

ISIC 07 20:26:08.2, 1.1, 42.08N, 0.02, 23.62E, 0.02, h2km, 10km, n87, c98/84/122, 12C-19D, Bulgaria

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

PDG		eSn	Sn	20 33 25.4 +1.6
TTG	Podgorica	3.39 75	Pn	20 32 45.0 +0.9
TTG			Pn	20 33 25.4 +1.6
UPM	Unac-Piva	3.39 62	eSn	20 32 45.4 +1.0
UPM			Pn	20 33 25.5 +1.0
UPM	Unac-Piva	3.39 62	eSn	20 33 25.5 +1.4
UPM			Pn	20 33 25.5 +1.4
BLY	Banja Luka	3.53 28	ePn	20 32 47.6 +1.5
PLE	Piljevija	3.77 62	Pn	20 32 50.1 +0.7
PLE			Pn	20 33 39.9 +0.7
PLE	Piljevija	3.77 62	Pn	20 32 50.1 +0.7
PLJ			Pn	20 32 51.7 +1.7
PVY	Plav	3.93 75	Pn	20 32 52.9 +1.2
PVY			Pn	20 33 38.6 +1.2
BEY	Berane	3.95 71	ePn	20 32 53.6 +1.6
BEY			Pn	20 33 39.0 +1.2
IWA	Berane	3.95 71	ePn	20 33 39.0 +1.2
IWA			Pn	20 32 53.1 +0.9
OZLJ	Ozalj	3.98 7	ePn	20 33 38.1 -0.2
OZLJ			Pn	20 32 53.1 +0.9
OZLJ	Ozalj	3.98 7	ePn	20 33 38.0 -0.2
OZLJ			Pn	20 32 54.7 +1.7
BBL5	Lazići	4.03 55	ePn	20 32 54.3 +1.3
BBL5	Lazići	4.03 55	ePn	20 32 56.7 +3.0
CEY	Cernikna	4.08 36	ePn	20 32 55.7 +0.6
CRES	Cresnjevi	4.19 6	ePn	20 32 59.0 +1.3
IVAS	Ivanjica	4.37 62	ePn	20 32 59.0 +1.3
IVAS	Ivanjica	4.37 62	ePn	20 32 59.0 +1.3
LJU	Jubijana	4.38 35	ePn	20 33 00.0 +1.6
PVJ	Pivogjola	4.42 283	ePn	20 33 00.0 +1.6
PGF	Piogjola	4.42 283	ePn	20 33 02.4 +3.1
TEKS	Tekeris	4.49 48	ePn	20 32 59.3 0.0
TEKS	Tekeris	4.49 48	ePn	20 32 59.6 0.0
DIVS	Divibare	4.51 56	ePn	20 33 04.7 +0.7
DIVS	Divibare	4.51 56	ePn	20 33 04.7 +0.7
TRUS	Trudelj	4.83 56	ePn	20 33 04.3 0.0
TRUS	Trudelj	4.83 56	ePn	20 33 04.3 0.0
OBKA	Obir	4.85 358	ePn	20 34 32.4 +4.5
OBKA			Pn	20 33 04.3 0.0
OBKA			Pn	20 33 03.0 -1.5
GRUS	Gruga	4.87 61	ePn	20 33 04.7 -0.4
GRUS	Gruga	4.87 61	ePn	20 33 04.7 -0.4
SELS	Selova	4.91 69	ePn	20 33 06.5 -0.1
SELS	Selova	4.91 69	ePn	20 33 06.5 -0.1
SOKA	Soboth	5.01 2	i Pn	20 34 07.0 +3.0
SOKA			Pn	20 33 07.5 -0.1
SOKA			Pn	20 34 07.0 +3.0
SOKA			Pn	20 34 07.0 +3.0
MYKA	Terra Mystica	5.04 351	ePn	20 33 08.1 +1.2
MYKA			eSn	20 34 04.3 -0.2
MYKA	Terra Mystica	5.04 351	Pn	20 33 08.1 +1.2
MYKA			Pn	20 34 04.3 -0.2
ABTA	Abfaltersbach	5.35 343	ePn	20 33 12.8 +1.7
ABTA			eSn	20 34 12.1 -0.1
ABTA	Abfaltersbach	5.35 343	Pn	20 33 12.8 +1.7
ABTA			Pn	20 34 12.1 -0.1
BOVS	Bovan	5.45 66	ePn	20 33 15.1 +2.7
BOVS	Bovan	5.45 66	ePn	20 33 15.1 +2.7
KBA	Koelnbreinsper	5.52 349	eSn	20 34 16.8 +0.3
KBA			Pn	20 33 16.8 +0.3
ARSA	Arzberg	5.61 5	ePn	20 33 14.1 -0.6
ARSA			eSn	20 34 18.3 -0.3
ARSA	Arzberg	5.61 5	Pn	20 33 14.1 -0.6
ARSA			Pn	20 34 18.3 -0.3
ZAGS	Zajecar	5.86 66	ePn	20 33 16.9 -1.2
ZAGS	Zajecar	5.86 66	ePn	20 33 16.9 -1.2
SBF	Sospel	5.87 294	ePn	20 33 19.5 +1.3
SBF	Sospel	5.87 294	ePn	20 33 19.5 +1.3
ZAPS	Zavoj	6.00 72	ePn	20 33 21.1 +1.1
ZAPS	Zavoj	6.00 72	ePn	20 33 24.4 +2.8
FETA	Feichten	6.11 333	ePn	20 34 31.5 +0.5
FETA			eSn	20 33 24.4 +2.8
FETA			Pn	20 34 31.5 +0.5
FETA			Pn	20 33 23.7 +1.8
WATA	Walderaim	6.13 339	ePn	20 33 23.7 +1.8
WATA			Pn	20 34 32.6 +1.1
WATA	Walderaim	6.13 339	Pn	20 33 23.7 +1.8
WATA			Pn	20 34 32.6 +1.1
MOA	Mollin	6.20 357	ePn	20 33 23.2 +0.4
MOA			Pn	20 34 31.7 -1.3
MOA	Mollin	6.20 357	Pn	20 33 23.2 +0.4
MOA			Pn	20 34 31.7 -1.3
MOTA	Moosalm	6.27 336	ePn	20 33 24.4 +0.5
MOTA			Pn	20 34 35.3 +0.2
MOTA	Moosalm	6.27 336	Pn	20 33 24.4 +0.5
MOTA			Pn	20 34 35.3 +0.2
CONA	Conrad Observa	6.31 6	ePn	20 33 23.8 -0.5
CONA			eSn	20 34 34.7 -1.1
CONA	Conrad Observa	6.31 6	Pn	20 33 23.8 -0.5
CONA			Pn	20 34 34.7 -1.1
FRF	La Foret Royal	6.32 290	ePn	20 33 25.8 +1.3
FRF	La Foret Royal	6.32 290	ePn	20 33 25.8 +1.3
LMR	La Moure	6.37 288	ePn	20 33 25.9 +0.8
LMR	La Moure	6.37 288	ePn	20 33 29.0 +2.0
RETA	Reutte	6.50 335	ePn	20 34 40.7 +1.1
RETA			eSn	20 33 29.0 +2.0
RETA	Reutte	6.50 335	Pn	20 34 40.7 +1.1
RETA			Pn	20 33 29.0 +2.0
DAVA	Damuels	6.64 330	ePn	20 34 43.3 -0.8
DAVA			Pn	20 33 31.8 +2.9
DAVA	Damuels	6.64 330	Pn	20 34 43.3 -0.8
DAVA			Pn	20 33 31.8 +2.9
KHC	Kasperske Hory	7.52 354	ePn	20 33 40.3 -0.6
KHC			eSn	20 33 51.1
KHC			eSn	20 35 01.2 -4.4
CABF	La Chapelle	7.99 311	ePn	20 33 47.4 0.0
CABF			eSn	20 35 13.3 -4.0
CABF	La Chapelle	7.99 311	ePn	20 33 47.4 0.0
CABF			eSn	20 33 51.3 -1.2
HINF	Hinteralfeld	8.36 320	ePn	20 33 51.3 -1.2
HINF			eSn	20 35 21.7 -4.7
HINF	Hinteralfeld	8.36 320	ePn	20 33 51.3 -1.2
CDF	Champ du Feu	8.60 324	ePn	20 33 54.8 -1.0
CDF			eSn	20 35 26.1 -6.2

CDF	Champ du Feu	8.60 324	ePn	Pn	20 33 54.8 -1.0
HAU	Haudompre	8.74 319	ePn	Pn	20 33 56.2 -1.4
HAU			eSn	Pn	20 35 29.4 -6.2
HAU		5.7nm,0.2s			
HAU	Haudompre	8.74 319	ePn	Pn	20 33 56.2 -1.4
PAGF	Fort de Pagny	9.42 320	ePn	Pn	20 34 06.1 -0.8
PAGF			eSn	Pn	20 35 47.0 -5.2
PAGF		0.8nm,0.4s			
PAGF	Fort de Pagny	9.42 320	ePn	Pn	20 34 06.1 -0.8
SFTF	Sextfontaines	9.53 317	eSn	Pn	20 35 48.6 -6.3
LOR	Lormes	9.63 309	eSn	Pn	20 35 53.6 -3.8
LOR		1.3nm,0.3s			
AVF	Avril sur Loir	9.69 306	ePn	Pn	20 34 09.7 -1.0
AVF		9.69 306	ePn	Pn	20 34 09.7 -1.0
CAF	Calvaux	9.86 294	eSn	Pn	20 35 59.7 -3.3
CAF		0.4nm,0.3s			

IDC 07 20:32:25.8-6.3,27.40N;143.97E,h0km,mb3.7/2, mb1 3.8/4,mb1mx3.4/40,mbtmp3.6/4,ML3.0/2,MS2.7/1, MS1 2.7/1,ms1mx2.3/34,Error ellipse: s-maj=289.7km s-min=25.6km az=78.0, Bonin Islands region
JMA Feil J1
ISC 07 20:34:21.4-6.0,38.97N;142.80E,h0km,mb3.3/2, mb1 3.6/4,mb1mx3.3/41,mbtmp3.5/4,ML3.5/2,Error ellipse: s-maj=123.3km s-min=45.7km az=165.0
JMA 07 20:34:32.8-0.1,38.58N;142.06E,h44km,1km,M3.6
JMA Feil J1
ISC 07 20:34:27.9-1.9,38.47N;142.07E;0.07,h6km,11km,n21,c185/25,Near east coast of eastern Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
JHO	Ouri	0.57 269	P	20 34 44.5 +2.0	Pn
JHO			S	20 34 52.9 +0.1	Pn
OFUJ	Ofunato	0.69 333	P	20 34 45.0 +0.8	Pn
OFUJ			S	20 34 53.5 +1.5	Pn
JMK	Ichinoseki	0.82 306	P	20 34 47.3 +1.3	Pn
JMK			S	20 34 57.3 +1.4	Pn
JOU	Okura	1.11 265	P	20 34 52.1 +2.1	Pn
JOU			S	20 35 05.4 +0.8	Pn
JOM	Ohasama	1.17 329	P	20 34 52.0 +1.1	Pn
JOM			S	20 35 06.1 +0.5	Pn
JMM	Marumori	1.18 240	P	20 34 53.0 +2.1	Pn
JYK	Kaneyama	1.41 289	P	20 34 56.0 +1.0	Pn
JYK			S	20 35 13.9 +0.5	Pn
JFK	Kawauchi	1.45 221	P	20 34 56.2 +0.4	Pn
JRG	Rokujo	1.45 310	P	20 34 59.4 +0.8	Pn
JYS	Shirataka	1.60 262	P	20 35 19.3 0.0	Pn
JYS			S	20 35 29.0 -3.4	Pn
MJAR	Matsushiro Arr	3.62 239	Pn	20 36 21.8 -2.6	Pn
MJAR		1.9nm,0.3s,baz=47,slow=9.6,SNR=17			
MAT	Matsushiro	3.63 239	P	20 35 29.5 -2.9	Pn
MAT		0.4nm,0.3s,baz=92,slow=29,SNR=2.2			
JHU	Hachioji jima 2	5.65 200	Pn	20 35 16.5 -0.1	Pn
JHU		3.6nm,0.3s,baz=252,slow=20,SNR=1.0			
JHU		6.1nm,0.3s,baz=85,slow=23,SNR=1.5			
H1N2	WAKE ISLAND Hy 28.47 124	T	T	21 10 53.4	T
H1N1	WAKE ISLAND Hy 28.48 124	T	T	21 11 00.5	T
H1N3	WAKE ISLAND Hy 28.49 124	T	T	21 11 01.6	T
H1S1	WAKE ISLAND Hy 29.24 126	T	T	21 11 45.4	T
H1S3	WAKE ISLAND Hy 29.24 126	T	T	21 11 48.9	T
H1S2	WAKE ISLAND Hy 29.25 126	T	T	21 11 45.4	T
WRA	Warramunga Arr	58.55 189	P	20 44 24.5 -0.9	Pn
WRA		0.4nm,0.8s,baz=6.2,slow=7.7,SNR=1.8			
ASAR	Alice Springs	62.28 198	P	20 44 48.4 -2.4	Pn
ASAR		0.3nm,0.9s,baz=2.6,slow=4.1,SNR=1.9			

NIED 07 20:41:00,35.80N;140.90E,h8km,Mw3.5 Best double couple: M=2.17000x10¹⁴ NP1:φ=336.00000°,δ=51.00000°,λ=141.00000°. NP2:φ=219.00000°,δ=61.00000°,λ=46.00000°
ISCJB 07 20:41:51.6-0.8,35.76N;140.04;140.90E;0.08,h22km,4km,mb3.3/4,Error ellipse: s-maj=11.4km s-min=5.7km az=168.1
IDC 07 20:41:51.6-1.4,35.63N;140.67E,h0km,mb3.4/4, mb1 3.5/7,mb1mx3.3/41,mbtmp3.4/7,ML3.1/3,MS3.1/1, MS1 3.1/1,ms1mx2.6/23,Error ellipse: s-maj=28.1km s-min=20.6km az=84.0
JMA 07 20:41:52.0-0.1,35.80N;140.91E,h12km,1km,M3.7
JMA Feil J1
ISC 07 20:41:52.6-1.0,35.76N;140.75E;0.06,h8km,8km,n21,c192/121,mb3.4/4,4C,Near east coast of eastern Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CHOJ	Chosi	0.10 120	P	20 41 54.8 -0.2	Pn
CHOJ			S	20 41 57.0 +0.4	Pn
JCN	Nagara	0.56 233	P	20 42 06.4 -0.5	Pn
JYT	Yasato	0.65 317	P	20 42 05.4 +0.2	Pn
JYT			S	20 42 15.4 -0.1	Pn
BSO4	Boso 4	0.83 204	P	20 42 09.7 +0.4	Pn
BSO4			S	20 42 25.0 +2.0	Pn
JHO	Hitachi	0.87 350	P	20 42 08.6 -0.7	Pn
JHO			S	20 42 20.0 -0.5	Pn
BSO3	Boso 3	0.97 192	P	20 42 11.2 0.0	Pn
MJAR	Matsushiro Arr	2.20 292	Pn	20 42 29.0 -0.5	Pn
MJAR		8.0nm,0.3s,baz=103,slow=8.7,SNR=53			
MJAR		4.2nm,0.3s,baz=90,slow=28,SNR=3.2			
MAT	Matsushiro	2.20 292	P	20 42 56.9 -0.6	Pn
MAT		0.2nm,0.6s,baz=94,slow=9.6,SNR=2.2			
JMH	Hachioji jima 2	2.75 197	Pn	20 42 36.2 -0.8	Pn
JMH		7.0nm,0.3s,baz=227,slow=18,SNR=1.5			
JHU		1.1nm,0.3s,baz=75,slow=20,SNR=1.7			
ASAJ	Asahikawa	8.47 9	Pn	20 43 55.2 -0.4	Pn
ASAJ		0.3nm,0.3s,baz=196,slow=15,SNR=2.1			
JOW	Kunigami	13.88 234	LR	20 49 58.9	LR
JOW		com=31.5nm,19.5s,baz=59,slow=35			
H1N2	WAKE ISLAND Hy 27.99 118	T	T	21 16 45.5	T
H1N1	WAKE ISLAND Hy 28.00 118	T	T	21 16 46.1	T
H1N3	WAKE ISLAND Hy 28.01 118	T	T	21 16 47.2	T
SOMN	Songino Array	28.08 306	P	20 47 46.8 +2.1	Pn
H1S1	WAKE ISLAND Hy 28.65 120	T	T	21 17 32.3	T
H1S3	WAKE ISLAND Hy 28.65 120	T	T	21 17 29.9	T
H1S2	WAKE ISLAND Hy 28.67 120	T	T	21 17 25.9	T
MKAR	Makanchi Array	44.35 303	P	20 50 02.4 -1.0	Pn
MKAR		0.2nm,0.6s,baz=94,slow=9.6,SNR=2.2			
ILAR	Eielson Array	50.86 32	P	20 50 55.6 +2.0	Pn
ILAR		0.4nm,0.8s,baz=265,slow=6.0,SNR=3.8			
WRA	Warramunga Arr	55.73 187	P	20 51 27.9 -1.8	Pn
WRA		0			

7d 21h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MNAS, ARSB, KAPS, ARK, etc.

IDC 0721:05:36.0+1.6, 36:51N, 143:70E, h0km, mb3.5/3,

mb1 3.7/5, mb1mx3.4/35, mbtm3.5/5, ML3.3/2, Error ellipse: s-maj=29.3km s-min=18.0km az=118.0

ISCJBJ 0721:05:38.0+0.9, 36:78N, 143:42E, 0.06, h33km, mb3.5/3, Error ellipse: s-maj=7.5km s-min=5.6km az=11.1

JMA 0721:05:39.1+0.2, 36:83N, 143:40E, h49km, M3.2

ISC 0721:05:39.7-1.2, 36:78N, 143:46E, 0.08, h35km, n17, r=143/27, mb3.4/3, Off east coast of Honshu

Main station list table for the first section, including station names, coordinates, and parameters.

NIED 0721:34:00, 36:80N, 143:30E, h5km, Mw4.1 Best double

couple: Mb1.35000+10.9, NP1.220000, d19.00000, 1.1-106.00000, NP2.218.00000, d71.00000, 1.85.00000

IDC 0721:34:01.8+1.0, 36:64N, 143:70E, h0km, mb3.8/7,

mb1 4.0/10, mb1mx3.7/52, mbtm3.8/10, ML3.8/2, MS3.2/6, Ms1 3.2/6, ms1mx2.9/40, Error ellipse: s-maj=24.7km s-min=19.8km az=78.0

ISCJBJ 0721:34:05.1+0.7, 36:75N, 143:36E, 0.06, h33km, mb3.8/7, MS3.4/2, Error ellipse: s-maj=7.6km s-min=6.6km az=157.3

JMA 0721:34:05.8+0.2, 36:84N, 143:34E, h72km, M3.7

ISC 0721:34:07.0+0.9, 36:74N, 143:39E, 0.08, h35km, n28, r=154/23, mb3.8/7, Off east coast of Honshu

Main station list table for the second section, including station names, coordinates, and parameters.

ISCJBJ 0721:41:38.0+0.2, 46:09N, 01:15:64E, 0.02, h10km, 2km,

Error ellipse: s-maj=2.5km s-min=2.1km az=154.7

LJU 0721:41:38.5, 46:08N, 15:64E, h9km, ML2.4

2011 AUG

CSEM 0721:41:38.6+0.1, 46:07N, 15:63E, h10km, ML3.1/3, Error ellipse: s-maj=1.8km s-min=1.5km az=14.0

PRU 0721:41:40.4, 46:15N, 15:65E, h6km

ISC 0721:41:38.6+0.8, 46:06N, 01:15:63E, 0.01, h9km, 4km,

n97, r=113/161, 8C-14D, Northwestern Balkan Peninsula

Main station list table for the third section, including station names, coordinates, and parameters.

356

Main station list table for the fourth section, including station names, coordinates, and parameters.

CSEM 0721:44:07.6, 38:34N, 21:80E, h4km, ML1.2/3,

ATH 0721:44:07.6, 38:34N, 21:80E, h4km, 1km, ML1.2/3, Error ellipse: s-maj=1.7km s-min=0.8km az=137.0, Greece

Main station list table for the fifth section, including station names, coordinates, and parameters.

NEIC 0721:44:37.0, 37:46S, 177:75E, h91km, ML4.0(WEL), After WEL

WEL 0721:44:37.4+0.3, 37:48S, 177:75E, h90km, 2km, ML4.0/39, 8C-10D, Error ellipse: s-maj=2.2km s-min=1.7km az=0.0, Off east coast of North Island

Main station list table for the sixth section, including station names, coordinates, and parameters.

7d 23h

Table with columns: Station, Name, Frequency, Power, Class, and Signal. Includes stations like WAKE ISLAND, TIY, SONA1, SONM, TLY, TLY, ZAK, TT01, WHN, KDKA, PPLA, BPAW, MLY, XAN, TRF, COLD, BWN, MCK, MCK, RND, RND, SML, SML, WRH, COLA, COLA, COLA, CCB, DHY, IL1, ILAR, ILAR, ILB, LZH, LZH, LZH, LZH, DOT, GTA, GTA, GTA, GTA, GTA, CRQM, EGAK, CD2, GYA, GYA, HYT, INK, INK, INK, ZALV, ZALV, WHY, WMQ, WMQ, WMQ, WMQ, KMI, KMI, KMI, MK31, MK31, MKAR, MKAR, MK01, MK01, MAZ, MAZ, KURK, KURK, KURK.

2011 AUG

Table with columns: Station, Name, Frequency, Power, Class, and Signal. Includes stations like NONG, SKNT, LSA, LSA, BRVK, BRVK, YKA, YKA, UTTA, LAMP, CMMT, CHTO, CHTO, CHTO, CHAI, CM31, CMAR, CMAR, PBKT, CM01, SHL, SUKH, KBS, SPA0, SRAK, AAK, AAK, AAK, AAK, HSPB, KSH, KSH, KSH, KSH, KSH, JIRN, GUN, GUN, ARU, ARU, ARU, ARU, KKN, PKI, PKIN, DMN, GKN, PHET, KKR, KKR, PMG, PMG, KOLN, PYUN, DAG, DAG, HAMF, ARCES, ARCES, WALA, F10A, HEF, TRO, KIF, MIF, MSO, MSO, KLMR, KLMR, KULM, SUMG, SUMG, SUMG, FFC, FFC, FFC, STEI, STEI, LRM, LRF, CMB, CMB, HLID, KBL, KBL, TVH1.

360

Table with columns: Station, Name, Frequency, Power, Class, and Signal. Includes stations like TVH2, STOK, TPWA, REDW, FIA1, FINES, FINES, DUG, DUG, DUG, DUG, TPNV, TPNV, PDAR, PDAR, OBN, OBN, OBN, OBN, OBN, OBN, GSC, GSC, GSC, SHPR, CCUT, GEYT, TBLU, TBLU, HYB, LCMT, ULM, SRU, SRU, RSSD, RSSD, RSSD, U15A, MOL, NC405, AKN, NC204, AGM, WRAB, WRAB, WRAB, WB2, WRA, NB201, NB2, NB2, NOA, NOA, NOA, NC602, WUAZ, FOO, ISCO, ISCO, OSL, SUE, GOF, KONO, KONO, ASK, BER, ODD1, EYDN, KIV, KIV, KIV, KIV, KBZ, BLSS, ECSD, STAV, TUC, TUC, AKASG, AKASG, AKASG, AKBB, AKBB, AKBB, KIEV, KIEV, KIEV, AK11, AK11, AS01, AS31, ASAR.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ANMO Albuquerque, AKH Akhalkalaki, and many others.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GRFO Grafenberg, GEC2 GERRSS Array S, and many others.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ESDC Sonseca Array, KEST Kesra, and many others.

Table with columns: 8d 1h, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like SAGI, IGOUMENITSA, KERKIRA, etc.

Table with columns: TRUS, KUBS, TEKS, BANJA, UDBINA, NOVALJA, OZALJ, etc. Includes station names and their respective parameters.

Table with columns: CPBX, SGL, COA, WESC, YUH, EI, etc. Includes station names and their respective parameters.

NIED 08 01:05:00, 38°70'N, 142°20'E, h44km, Mwd. 3. Best double couple: M2.9000x-0.015, N1.13x+156.0000x, 3.17x, 0.0000x, 1.29.0000x, NP2x, 38.0000x, 82.0000x, 1.105.0000x, BUJ 08 01:05:33.1, 38°47'N, 142°89'E, h53km, mb4.7/31, mb4.9/19, Ms4.4/12, Ms7.4/0/9

ISCJB 08 01:05:36.5, 37.0, 38°70'N, 142°30'E, 0.06, h45km, 5km, mb4.3/44, MS3.7/11, Error ellipse: s-maj=8.8km s-min=5.2km az=22.1

ISCJB 08 01:05:37.6, 0.6, 38°62'N, 142°13'E, h39km, 4km, mb4.0/20, mb1.4/22, mb1mx4.0/37, mbtmp4.2/23, ML3.6/3, MS3.6/13, Ms1.3/6/13, ms1mx3.3/37, Error ellipse: s-maj=14.4km s-min=11.5km az=108.0

JMA 08 01:05:37.1, 0.1, 38°70'N, 142°26'E, h39km, 1km, M4.4 MOS 08 01:05:37.2, 1.1, 38°76'N, 142°29'E, h51km, mb4.6/21, Error ellipse: s-maj=9.7km s-min=6.8km az=99.4

NEIC 08 01:05:38.9, 0.6, 38°73'N, 142°30'E, h51km, 5km, mb4.6/10, Error ellipse: s-maj=9.1km s-min=4.9km az=118.0

NEIC Recorded [2 JMA] in Iwate and Miyagi. ISC 08 01:05:36.8, 0.5, 38°65'N, 142°43'E, 0.05, h35km, 2km, h35km, p-P, n122, e181/143, mb4.3/50, MS3.7/12, 7C-2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Time, Res, ISC, H, m, s, ISC, etc. Includes stations like OFUJ, OURI, ICHINOSEKI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like Tazewell, Avery, Jackson, Louisville, UPCARP, Winfile, Westbrook Farm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like Tanohata, Miyakonagasawa, Nango, Ofunato, Ohasama, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like Urewera, Charters Tower, Alice Springs, Warramunga Arr, Fitzz Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like San Pedro de C, Colnque, Humahuaca, La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like Matushiro, Ohasama, Kuruchot Arr, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like Rabul, Port Moresby, Manu Island, Coen, Honiara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like Mont Dzumac, Eidsvold, Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like Puerto Angel, Huatulco, Vista Hermosa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like Mount Surprise, Charters Tower, Mount Isa, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like Puento Angel, Huatulco, Vista Hermosa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like Mount Surprise, Charters Tower, Mount Isa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like Pertek, Elazig, Tuncel-Merkez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like Pertek, Elazig, Tuncel-Merkez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, Res, ISC. Includes stations like Pertek, Elazig, Tuncel-Merkez, etc.

Table of astronomical observations for 8d 3h, listing station names (SANI, ARMA, SOEI, etc.), object names (Sanana, Armidale, Soe, etc.), coordinates, and other parameters.

Table of astronomical observations for 2011 AUG, listing station names (YSS, MDJ, KMI, etc.), object names (Yuzh-Sakhalins, Chiang Mai, Kunming, etc.), coordinates, and other parameters.

Table of astronomical observations for 2011 AUG, listing station names (ILAR, ELAR, NRIK, etc.), object names (Eielson Array, Main Array, Keskin Array, etc.), coordinates, and other parameters.

ISCJB 08 03:34:25.6, 0.5, 36.97N, 0.03:27.44E, 0.05, h2km, 5km, Error ellipse = s-maj=7.0km s-min=3.7km az=146.8, CSEM 08 03:34:25.7, 0.1, 36.97N:27.44E, h5km, MD2.8, Error ellipse = s-maj=3.4km s-min=2.2km az=51.0, DDA 08 03:34:25.4, 36.97N:27.42E, h3km, MD2.8, ISC 08 03:34:25.7, 0.9, 36.99N:0.02:27.48E, 0.03, h8km, 6km, n39, r1520/51, Dodecanese Islands

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KIV Kislovodsk, AKTO Aktyubinsk, MKAR Machanchi Array, etc.

OTT 08 04:07:28.4:0.6, 69.16N:59.27W, h18km, ML3.9/2, Davis Strait. 265km northeast from Qlqtiarjuaq, Nu Eastern Arctic Background Seismic Zone., Baffin Bay

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FRB Frobisher Bay, ILON Igloolik, LAIN Lalior River, etc.

NIED 08 04:13:00.36:90N:141.90E, h29km, Mw4.1 Best double couple. M0:1.34000e+10, N1:3.40000e+10, S1:3.40000e+10, T1:1.130000e+10. NP2:244.00000, S51:00000, S7:70.00000.

IDC 08 04:13:05.3:0.8, 36.78N:142.13E, h0km, mb3.8/8. m1:4.0/1.1, mb:mx3.7/4.9, mbtmp3.8/1.1, ML4.0/3, MS3.1/6, Ms1.3/1.6, ms1mx2.9/3.5, Error ellipse: s-maj=21.2km s-min=18.1km az=86.0

NEIC 08 04:13:10.7:1.3, 36.82N:142.10E, h38km, 11km, mb4.3/1, Error ellipse: s-maj=14.8km s-min=9.1km az=127.0

JMA 08 04:13:10.0:0.2, 36.86N:141.95E, h49km, M4.0

ISC 08 04:13:07.0:3.7, 36.84N:142.13E:0.06, h13km, 23km, n35, r1969/36, mb3.9/1.0, Off east coast of Honshu

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, MKAR Machanchi Array, KURK Kurchatov, etc.

ISCJB 08 04:24:35.0:2.0, 43.28N:0.01:0.43W:0.01, h8km, 2km, Error ellipse: s-maj=1.9km s-min=1.5km az=143.0
CSEM 08 04:24:36.2:0.1, 43.23N:0.41W, h2km, ML3.3/3.0, Error ellipse: s-maj=1.9km s-min=1.5km az=143.0
LDG 08 04:24:37.5:0.1, 43.17N:0.44W, h5km, M3.6/2.8, Error ellipse: s-maj=1.3km s-min=1.0km az=149.0
STR 08 04:24:37.5:0.1, 43.16N:0.44W, h5km, M3.1, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0
MDD 08 04:24:38.0:0.2, 43.17N:0.47W, h0km, mblg2.7/2.2, Error ellipse: s-maj=2.6km s-min=1.6km az=166.0, PRXIMO
INMG 08 04:24:39.6:1.0, 43.09N:0.53W, h1km, 1km, ML2.4, Error ellipse: s-maj=1.4km s-min=1.2km az=16.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like REYF Montagne du Re, BNI Bardonecchia, MATP Matopo, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YMAS Pe-a Musera, YMAS Pe-a Musera, YMAS Pe-a Musera, etc.

MEX 08 04:37:24.2.0.9, 16.37N-94.72W, h184km, 53km, MD3.9, Oaxaca

NIED 08 04:56:00.24.50N, 124.00E, h5km, Mw3.8 Best double couple: M4.890000, 1014 NP1.343, 000000, 828.000000, 1.60.000000, NP2.390.000000, 867.000000, 1.105.000000.

ISCJB 08 04:56:04.0.0.5, 24.46N, 102.123.95E, 0.03, h14km, 4km, mb3.5/6, MS3.3/1, Error ellipse: s-maj=7.6km s-min=-3.3km az=161.1

JMA 08 04:56:04.4.24.66N, 123.96E, h8km, 3km, M3.8 JMA Fell II J1.

IDC 08 04:56:09.7.4.4, 24.52N, 124.02E, h58km, 41km, mb3.3/6, mb1.3/7, mb1mx3.7/29, mbmtmp3.6/7, ML3.0/1, MS3.3/1, Ms1.3/3, ms1mx2.6/21, Error ellipse: s-maj=28.5km s-min=19.4km az=82.8

ISC 08 04:56:04.2.0.2, 24.44N, 102.123.95E, 0.03, h15km, 6km, n21, 0.594/33, mb3.6/6, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ishigaki jima, Kuro-shima, Irionote-Funau, Hatsumura jima, Yonaguni jima, etc.

ISCJB 08 05:01:47.0.7.0, 19.75N, 108.147.3E, 0.2, h29km, mb3.8/9, MS3.3/3, Error ellipse: s-maj=28.2km s-min=8.7km az=14.2

IDC 08 05:01:51.8.3.8, 19.73N, 147.26E, h45km, 37km, mb3.6/9, mb1.3/8, mb1mx3.5/38, mbmtmp3.9/9, ML4.9/1, MS3.4/3, Ms1.3/4, ms1mx2.8/33, Error ellipse: s-maj=29.9km s-min=18.6km az=89.0

ISC 08 05:01:49.7.0.8, 19.75N, 108.147.3E, 0.2, h29km, n13, 0.81/13, mb3.9/9, MS3.4/3, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Guam, Tagaytay City, Usurisyak Arr, Warramunga Arr, etc.

WEL 08 05:09:43.8.0.4, 35.75S, 177.74E, h234km, 8km, ML3.5/6, Error ellipse: s-maj=10.8km s-min=8.5km az=0.0, Off east coast of North Island

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

NIED 08 05:39:00.26.00N, 128.50E, h5km, Mw4.0 Best double couple: M1.210000, 1015 NP1.343, 000000, 871.000000, 1.14.000000, NP2.390.000000, 877.000000, 1.161.000000.

IDC 08 05:39:17.1.0.8, 25.98N, 128.43E, h0km, mb4.1/14, mb1.4/2/16, ms1mx4.0/43, mbmtmp4.1/16, ML3.9/2, MS3.3/6, Ms1.3/6, ms1mx3.0/37, Error ellipse: s-maj=28.5km s-min=15.5km az=79.0

NEIC 08 05:39:18.9.0.6, 25.96N, 128.37E, h10km, mb4.4/4, Error ellipse: s-maj=13.1km s-min=8.5km az=126.0

JMA 08 05:39:20.8.0.4, 26.01N, 128.52E, h46km, 5km, M4.0

ISC 08 05:39:18.2.1.7, 25.97N, 104.128.49E, 0.04, h9km, 10km, n57, 0.213/72, mb4.1/19, MS3.3/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Izu Oshima, Yonaguni jima, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Tamagusuku 2, Nagotoyohara, Kurchatov Arra, etc.

IDC 08 05:42:05.4.1.0, 29.59N, 102.79E, h0km, mb4.0/7, mb1.4/18, mb1mx3.7/47, mbmtmp3.9/8, ML3.4/1, Error ellipse: s-maj=36.6km s-min=18.5km az=62.0

ISCJB 08 05:42:08.3.0.8, 29.59N, 102.79E, 0.1, h0km, h33km, mb1.0/8, Error ellipse: s-maj=15.3km s-min=9.7km az=15.0

NEIC 08 05:42:10.7.0.6, 29.61N, 102.83E, h35km, mb4.2/1, Error ellipse: s-maj=14.4km s-min=9.9km az=50.0

ISC 08 05:42:10.3.1.2, 29.60N, 102.77E, 0.1, h35km, n12, 0.078/13, mb4.1/8, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ensh, Sonmg Songino Array, Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZALV, Kurbb Kurchatov Arra, etc.

IDC 08 06:15:57.5.15.0, 12.83N, 146.30E, h0km, mb4.2/5, mb1.4/2/5, mb1mx3.7/29, mbmtmp4.2/5, Error ellipse: s-maj=44.0km s-min=49.4km az=173.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, Kurbb Kurchatov Arra, etc.

NEIC 08 06:36:48.5, 18.94N, 67.66W, h16km, MD3.1(RSPR), After RSPR

RSPR 08 06:36:48.5, 18.94N, 67.66W, h16km, 7km, MD3.1/5, 16C-2D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IDE Isla Deseccho, AGPR Agudilla, etc.

ISCJB 08 07:12:54.3.0.4, 6.81N, 150.04E, 0.73, h160km, 4km, mb3.1/3, Error ellipse: s-maj=8.7km s-min=3.7km az=39.6

IDC 08 07:12:55.1.0.8, 6.72N, 127.98W, h163km, 13km, mb2.9/3, mb1.3/4/5, mb1mx3.1/26, mbmtmp3.6/5, Error ellipse: s-maj=40.3km s-min=8.1km az=132.0

FSNC 08 07:12:56.8.0.8, 6.77N, 73.13W, h146km, 5km, ML3.5

FUN 08 07:12:57.6.0.9, 6.92N, 73.03W, h162km, MW3.5

ISC 08 07:12:54.7.0.6, 6.83N, 150.04E, 0.73, h160km, 4km, n35, 1.152/54, mb3.2/3, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BARC Barichara, GIRC Giron, etc.

ROSC El Rosal, comp=Z, 35nm, 0.3s, baz=124, slow=23, SNR=85

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARC Barichara, BARRC Barranca, RUSC La Rusia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RUSC Mys Shipunski, RUSC Ruskaya, RUSC Nalytchevo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB06 IPOC Station P, PB12 IPOC Station P, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTBH Cotabato-PC H, DCPH Dipolog City, CGP Cagayan de Oro, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTBH Cotabato-PC H, FITZ Fitzroy Crossi, WRA Warrungu Arr, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warrungu Arr, MAW Mawson, ASAJ Ashikawa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNA1 Neumayer-Stat, SNA Snares, PMSA Palmer Station, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAI Masohi, BNDI Bandanaira, FAKI Fak Fak, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAR Eielson Array, MKAR Makanchi Array, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VNA1 Neumayer-Stat, SNA Snares, PMSA Palmer Station, etc.

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

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

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

Table with columns: SVB, Belmont, DLPL, La Plaine, etc. Includes station names, coordinates, and other technical details.

Table with columns: FINES, ILAR, BRTR, WMO, HHC, QIZ, WRA. Includes station names and coordinates.

JMA 08 15:13:15.3,24.46N,123.96E, h10km,2km, M3.5, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Ishigaki jima, Kuro-shima, etc.

ISCJB 08 15:14:01.2,0.6,50.29N,0.04,-18.73E,0.03,h0km, Error ellipse: s-maj=5.6km s-min=2.6km az=16.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Ostrava-Krasne, Ostrava-Krasne, etc.

ISCJB 08 15:14:02.4,0.8,50.18N,0.04,-18.75E,0.02,h0km,n32, e063/53, Poland

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations including Ostrava-Krasne, Ojcow, Moravsky Berou, etc.

ISC 08 15:15:47.2,-14.0,20.22S,168.15E,h0km,mb3.7/3, Ms1 2.9/1,mb1mx3.6/22,mbtmp3.7/4,ML3.2/4,MS2.9/1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Stebnicka Huta, Stebnicka Huta, etc.

NIED 08 15:17:00,37.30N,141.70E,h35km,Mw3.4 Best double couple: M=1.60000x10^14 NP1=220.00000, 823.00000, 1.78.00000, NP2=53.00000, 868.00000, 1.95.00000

JMA 08 15:17:10.7,-0.2,37.26N,141.73E,h44km,3km, M3.5, Near east coast of eastern Honshu

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

Table with columns: JHO, JFT, JOT, JUI, JOK, JOU, JFY, JYS, JMK, JMT, MAT. Includes station names and coordinates.

IDC 08 15:26:20.3,57.0,21.92S,177.28W,h0km,mb3.6/3, mb1 3.8/3,mb1mx3.6/26,mbtmp3.6/3, Error ellipse: s-maj=1042.0km s-min=168.9km az=85.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Stephens Creek, ASAR, WRA.

NIED 08 15:20:00,46.24N,152.70E,h17km,Mw3.9 Best double couple: M=9.15000x10^14 NP1=216.00000, 863.00000, 1.161.00000, NP2=117.00000, 873.00000, 1.28.00000

ISCJB 08 15:22:43.5,0.6,46.24N,0.07,-152.80E,0.09,h31km, mb3.6/6, Error ellipse: s-maj=13.2km s-min=3.2km

KRSC 08 15:22:44.4,0.7,48.33N,149.27E,h130km,45km,ML4.4 JMA 08 15:22:44.6,0.7,46.53N,152.68E,h30km,ML4.3

MOS 08 15:22:46.0,0.6,46.24N,152.67E,h38km,mb4.0/4, Error ellipse: s-maj=18.2km s-min=9.5km az=53.6

IDC 08 15:22:48.6,3.2,46.24N,152.71E,h44km,31km,mb3.4/7, mb1 3.8/10,mb1mx3.5/32,mbtmp3.8/10,ML4.5/2,MS2.6/4, Ms1 2.6/4,ms1mx2.4/37, Error ellipse: s-maj=34.9km s-min=17.9km az=139.0

SKHL 08 15:22:48.6,3.2,46.24N,152.67E,h73km,6km,mb4.9/4, ISC 08 15:22:45.4,0.7,46.20N,0.08,-152.84E,0.08,h31km,n82, e259/88,mb3.5/6,2C-4D,Kuril Islands

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations including Kuril'sk, Severo-Kuril's, etc.

Table with columns: PDAR, Pinedale Array, 30.32 102 P, 16 06 58.1 +2.2, etc.

Table with columns: VSR, Storozhevoje, 70.47 353 eP, 16 11 56.1 -1.9, etc.

Table with columns: AAK, Ala-Archa, 6.72 23 fP, 17 07 25.9 +2.5, etc.

NIED 08 16:01:00, 38.30N, 142.20E, h26km, Mw3.5 Best double couple: M1-80000x1014, NP1=294.00000, 330.00000, 1-123.00000, NP2=150.00000, 865.00000, -1-72.00000

IDC 08 16:01:17.3z, 2.1, 38.27N, 142.01E, h0km, mb3.3/2, mb1 3.4/4, mb1mx3.2/59, mbtmp3.4/4, ML3.1/2, MS3.2/1, Ms1 3.2/1, ms1mx2.4/21, Error ellipse: s-maj=1.51, s-min=29.3km az=88.0

ISCJCB 08 16:01:19.1z, 1.0, 38.30N, 142.36E, 0.09, h24km, mb3.2/2, MS3.0/1, Error ellipse: s-maj=11.5km s-min=6.5km az=28.9

JMA 08 16:01:21.6z, 0.2, 38.29N, 142.20E, h38km, 3km, M3.7, ISC 08 16:01:21.1z, 1.4, 38.31N, 142.27E, 0.09, h24km, n17, f=148/17, Near east coast of eastern Honshu

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

ISCJCB 08 17:05:47.6z, 0.4, 36.54N, 103.70E, 0.06, h188km, mb3.8/9, Error ellipse: s-maj=7.8km s-min=3.8km az=156.1

IDC 08 17:05:48.7z, 2.8, 36.46N, 103.96E, h185km, 27km, mb3.5/9, mb1 3.6/16, mb1mx3.3/56, mbtmp4.1/16, Error ellipse: s-maj=22.1km s-min=12.3km az=31.0

NINC 08 17:05:48.0z, 5.3, 36.74N, 103.26E, h100km, mb3.8, mpv4.1, Error ellipse: s-maj=43.4km s-min=38.7km az=150.0

ISC 08 17:05:46.8z, 0.5, 36.50N, 103.70E, 0.06, h188km, n46, c=288/55, mb3.9/9, 6C-6D, Hindu Kush region

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

IDC 08 17:06:40.6z, 2.9, 3.50S, 135.82E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.6/34, mbtmp4.0/3, ML3.4/2, Error ellipse: s-maj=99.5km s-min=29.8km az=85.0, Irian Jaya region

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

IDC 08 17:36:45.5z, 60.0, 22.10S, 178.46W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.7/19, mbtmp4.0/3, MS2.9/1, Ms1 1mx2.5/20, Error ellipse: s-maj=1086.0km s-min=152.7km az=85.0, South of Fiji Islands

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

ATH 08 17:43:04.5z, 37.60N, 26.60E, h11km, 3km, ML2.3/4, Error ellipse: s-maj=4.0km s-min=1.3km az=138.0

CSEM 08 17:43:05.4z, 0.3, 37.62N, 26.62E, h2km, ML2.3, Error ellipse: s-maj=6.9km s-min=4.9km az=46.0

DDA 08 17:43:05.2z, 37.68N, 26.66E, h7km, Md2.8, ISC 08 17:43:04.9z, 1.2, 37.62N, 103.26E, 0.03, h5km, 15km, n15, c=950/29, Dodecanese Islands

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSO3, MJAR, MAT, JHU, JHJ, etc.

IDC 08 20:27:49.5-9.8, 7.87S, 126.64E, h61km, 99km, mb3.4/2, mb1 3.7/4, mb1mx3.3/29, mbtmp3.8/4, ML3.8/2, Error ellipse: s-maj=209.3km s-min=39.7km az=61.0, Banda Sea

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

JMA 08 20:47:03.8-0.3, 36.63N, 141.34E, h51km, 4km, M2.5, Near east coast of eastern Honshu

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

KRNET 08 21:02:52.6-0.1, 39.62N, 74.06E, mb2.2, 14C-2D, Southern Xinjiang

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

KRSC 08 21:13:20.1-0.6, 55.34N, 162.48E, h40km, 15km, ML3.6, Near east coast of Kamchatka Peninsula

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

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

ISCJB 08 21:13:38.4-1.2, 36.79N, 0.04:141.44E, 0.07, h19km, 7km, mb3.7/7, MS3.5/1, Error ellipse: s-maj=9.9km s-min=7.1km az=21.8

IDC 08 21:13:38.0-0.9, 36.85N, 141.20E, h0km, mb3.6/7, mb1 3.7/9, mb1mx3.6/34, mbtmp3.6/9, ML3.0/2, MS2.8/2, mb1 2.8/2, ms1mx2.3/39, Error ellipse: s-maj=26.4km s-min=19.1km az=79.0

JMA 08 21:13:39.5-0.1, 36.80N, 141.35E, h29km, 1km, M3.4, ISC 08 21:13:41.9-1.6, 36.84N, 141.18E, 0.09, h28km, 10km, n25, 0.095/25, mb3.6/7, Near east coast of eastern Honshu

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

MEX 08 21:14:48.3-0.3, 17.82N, 102.56W, h14km, 6km, MD4.0, Near coast of Michoacan

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

NIED 08 21:28:00, 37.70N, 144.30E, h11km, Mw3.5 Best double couple: M2.20000, 1014 NP1: 30.00000, 826.00000, 1.93.00000, NP2: 187.00000, 864.00000, 7.88.00000

IDC 08 21:28:14.6-1.4, 37.56N, 144.60E, h0km, mb3.7/3, mb1 3.8/7, mb1mx3.5/39, mbtmp3.7/7, ML3.7/2, Error ellipse: s-maj=33.1km s-min=23.9km az=107.0

ISCJB 08 21:28:17.9-0.8, 37.58N, 144.38E, 0.07, h33km, mb3.7/3, Error ellipse: s-maj=8.6km s-min=6.8km az=144.8

JMA 08 21:28:19.2-0.2, 37.75N, 144.29E, h41km, M3.8, ISC 08 21:28:19.3-1.2, 37.72N, 144.40E, 0.09, h35km, n22, 0.238/34, mb3.6/3, Off east coast of Honshu

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

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

MEX 08 21:49:07.4-0.7, 14.80N, 92.11W, h118km, 13km, MD3.9, Near coast of Chiapas

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

MDD 08 22:09:25.1-2.1, 35.94N, 0.57E, h0km, mb3.4/4, Error ellipse: s-maj=22.6km s-min=6.2km az=154.0, PRXIMO CSEM 08 22:09:25.8-0.2, 36.10N, 0.52E, h2km, mb3.4, Error ellipse: s-maj=5.6km s-min=5.4km az=33.0

CRAAG 08 22:09:26.2, 36.05N, 0.59E, M3.0, ISC 08 22:09:25.0-1.1, 36.00N, 0.06:0.83E, 0.06, h13km, 6km, n13, 0.065/21, Northern Algeria

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

NIED 08 22:26:00, 24.10N, 123.40E, h11km, Mw3.8 Best double couple: M5.47000, 1014 NP1: 164.00000, 819.00000, 1.79.00000, NP2: 333.00000, 871.00000, 7.94.00000

IDC 08 22:26:14.5-1.8, 24.22N, 123.32E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.6/39, mbtmp3.7/6, Error ellipse: s-maj=16.12km s-min=15.5km az=60.0

ISCJB 08 22:26:17.0-0.6, 24.18N, 0.06:123.38E, 0.03, h29km, 3km, mb3.6/6, Error ellipse: s-maj=9.8km s-min=4.3km az=5.0

JMA 08 22:26:17.7-0.1, 24.19N, 123.41E, h23km, 2km, M3.9, JMA Felt II J1, ISC 08 22:26:16.2-1.9, 24.19N, 123.36E, 0.03, h12km, 12km, n19, 0.072/31, mb3.7/6, Southwestern Ryukyu Islands

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

NIED 08 22:31:00, 41.70N, 143.00E, h32km, Mw4.0 Best double couple: M1.13000, 1015 NP1: 339.00000, 837.00000, 1.166.00000, NP2: 80.00000, 881.00000, 1.54.00000

ISCJB 08 22:31:17.6-0.5, 41.59N, 143.18E, 0.06, h30km, mb4.0/16, MS3.4/7, Error ellipse: s-maj=6.8km s-min=5.1km az=17.0

JMA 08 22:31:21.0-0.2, 41.75N, 143.03E, h35km, 2km, M4.1, JMA Felt III J1, IDC 08 22:31:24.3-2.7, 41.72N, 143.01E, h74km, 2km, mb3.7/16, mb1 3.9/20, mb1mx3.8/42, mbtmp4.0/20, MS3.3/11, mb1 3.9/11, mb1mx3.0/42, Error ellipse: s-maj=18.8km s-min=15.9km az=91.0

ISC 08 22:31:19.2-0.6, 41.64N, 143.08E, 0.07, h30km, n43, 0.151/36, mb4.1/16, MS3.7/3C-5D, Hokkaido region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Hachioji jima 2, Korea Array, Petropavlovsk, Magadan, Songino Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Noril'sk, Zalesovo Beam, Makanchi Array, Eielson Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MEX 02:28:43.3, Pinotepa, TLIG, VHO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MNAI, KLSI, PPI, GSI, CMAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BARC, PAMC, OCAC, BRRC, RUSC, etc.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MNAS, AAK, KK31, MKAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TUZL, BUYK, SBT5, ARMT, etc.

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

ISC/JB 08:22:42.26.2.0.3, 6.82N, 0.03x73.05W, 0.03, h163km, 3km, mb3.6/5, Error ellipse: s-maj=6.6km s-min=3.0km az=43.2

FUNV 08:22:42.26.2.0.3, 6.72N, 73.19W, h168km, MW4.0, IDC 08:22:42.27.8.1.1, 6.83N, 72.97W, h166km, 12km, mb3.3/5

RSNC 08:22:42.29.2.0.5, 6.77N, 73.11W, h148km, 4km, ML4.1, ISC 08:22:42.29.0.0.7, 6.82N, 0.04x73.03W, 0.04, h160km, 6km, n41, c14170, mb3.7/5, 1D, Northern Colombia

ISC/JB 08:22:55.46.9.0.4, 40.75N, 0.03x29.24E, 0.04, h13km, 4km, Error ellipse: s-maj=5.5km s-min=4.8km az=166.8

CSEM 08:22:55.46.7.0.1, 40.75N, 29.26E, h17km, MD2.0, Error ellipse: s-maj=2.8km s-min=2.2km az=2.0

DDA 08:22:55.46.9.0.4, 40.75N, 29.30E, h7km, M12.6, ISC 08:22:55.46.2.0.4, 40.74N, 29.26E, h17km, MD2.0

ISC 08:22:55.46.7.0.8, 40.74N, 0.03x29.26E, 0.02, h17km, 5km, n34, c093749, Turkey

IDC 08:22:53.15.3.16.0, 38.01N, 71.68E, h93km, 113km, mb3.5/2, mb1.3/3.5, mb1mx3.0/54, mbtmp3.6/5, ML3.0/3, Error ellipse: s-maj=182.6km s-min=77.1km az=173.0

NINC 08:22:53.17.6.3.8, 37.89N, 71.56E, h100km, mb2.8, mpv3.5, Error ellipse: s-maj=29.1km s-min=26.6km az=140.0

ISC 08:22:53.14.4.2.8, 37.77N, 0.02x71.0E, 0.2, h103km, n8, c19309, 3C-2D, Afghanistan-Tajikistan border region

ISC/JB 08:22:55.46.9.0.4, 40.75N, 0.03x29.24E, 0.04, h13km, 4km, Error ellipse: s-maj=5.5km s-min=4.8km az=166.8

CSEM 08:22:55.46.7.0.1, 40.75N, 29.26E, h17km, MD2.0, Error ellipse: s-maj=2.8km s-min=2.2km az=2.0

DDA 08:22:55.46.9.0.4, 40.75N, 29.30E, h7km, M12.6, ISC 08:22:55.46.2.0.4, 40.74N, 29.26E, h17km, MD2.0

ISC 08:22:55.46.7.0.8, 40.74N, 0.03x29.26E, 0.02, h17km, 5km, n34, c093749, Turkey

ISC/JB 08:22:55.46.9.0.4, 40.75N, 0.03x29.24E, 0.04, h13km, 4km, Error ellipse: s-maj=5.5km s-min=4.8km az=166.8

CSEM 08:22:55.46.7.0.1, 40.75N, 29.26E, h17km, MD2.0, Error ellipse: s-maj=2.8km s-min=2.2km az=2.0

DDA 08:22:55.46.9.0.4, 40.75N, 29.30E, h7km, M12.6, ISC 08:22:55.46.2.0.4, 40.74N, 29.26E, h17km, MD2.0

ISC 08:22:55.46.7.0.8, 40.74N, 0.03x29.26E, 0.02, h17km, 5km, n34, c093749, Turkey

ISC/JB 08:22:55.46.9.0.4, 40.75N, 0.03x29.24E, 0.04, h13km, 4km, Error ellipse: s-maj=5.5km s-min=4.8km az=166.8

CSEM 08:22:55.46.7.0.1, 40.75N, 29.26E, h17km, MD2.0, Error ellipse: s-maj=2.8km s-min=2.2km az=2.0

DDA 08:22:55.46.9.0.4, 40.75N, 29.30E, h7km, M12.6, ISC 08:22:55.46.2.0.4, 40.74N, 29.26E, h17km, MD2.0

ISC 08:22:55.46.7.0.8, 40.74N, 0.03x29.26E, 0.02, h17km, 5km, n34, c093749, Turkey

ISC/JB 08:22:55.46.9.0.4, 40.75N, 0.03x29.24E, 0.04, h13km, 4km, Error ellipse: s-maj=5.5km s-min=4.8km az=166.8

CSEM 08:22:55.46.7.0.1, 40.75N, 29.26E, h17km, MD2.0, Error ellipse: s-maj=2.8km s-min=2.2km az=2.0

DDA 08:22:55.46.9.0.4, 40.75N, 29.30E, h7km, M12.6, ISC 08:22:55.46.2.0.4, 40.74N, 29.26E, h17km, MD2.0

ISC 08:22:55.46.7.0.8, 40.74N, 0.03x29.26E, 0.02, h17km, 5km, n34, c093749, Turkey

ISC/JB 08:22:55.46.9.0.4, 40.75N, 0.03x29.24E, 0.04, h13km, 4km, Error ellipse: s-maj=5.5km s-min=4.8km az=166.8

CSEM 08:22:55.46.7.0.1, 40.75N, 29.26E, h17km, MD2.0, Error ellipse: s-maj=2.8km s-min=2.2km az=2.0

DDA 08:22:55.46.9.0.4, 40.75N, 29.30E, h7km, M12.6, ISC 08:22:55.46.2.0.4, 40.74N, 29.26E, h17km, MD2.0

ISC 08:22:55.46.7.0.8, 40.74N, 0.03x29.26E, 0.02, h17km, 5km, n34, c093749, Turkey

ISC/JB 08:22:55.46.9.0.4, 40.75N, 0.03x29.24E, 0.04, h13km, 4km, Error ellipse: s-maj=5.5km s-min=4.8km az=166.8

CSEM 08:22:55.46.7.0.1, 40.75N, 29.26E, h17km, MD2.0, Error ellipse: s-maj=2.8km s-min=2.2km az=2.0

DDA 08:22:55.46.9.0.4, 40.75N, 29.30E, h7km, M12.6, ISC 08:22:55.46.2.0.4, 40.74N, 29.26E, h17km, MD2.0

ISC 08:22:55.46.7.0.8, 40.74N, 0.03x29.26E, 0.02, h17km, 5km, n34, c093749, Turkey

ISC/JB 08:22:55.46.9.0.4, 40.75N, 0.03x29.24E, 0.04, h13km, 4km, Error ellipse: s-maj=5.5km s-min=4.8km az=166.8

CSEM 08:22:55.46.7.0.1, 40.75N, 29.26E, h17km, MD2.0, Error ellipse: s-maj=2.8km s-min=2.2km az=2.0

DDA 08:22:55.46.9.0.4, 40.75N, 29.30E, h7km, M12.6, ISC 08:22:55.46.2.0.4, 40.74N, 29.26E, h17km, MD2.0

ISC 08:22:55.46.7.0.8, 40.74N, 0.03x29.26E, 0.02, h17km, 5km, n34, c093749, Turkey

ISC/JB 08:22:55.46.9.0.4, 40.75N, 0.03x29.24E, 0.04, h13km, 4km, Error ellipse: s-maj=5.5km s-min=4.8km az=166.8

CSEM 08:22:55.46.7.0.1, 40.75N, 29.26E, h17km, MD2.0, Error ellipse: s-maj=2.8km s-min=2.2km az=2.0

DDA 08:22:55.46.9.0.4, 40.75N, 29.30E, h7km, M12.6, ISC 08:22:55.46.2.0.4, 40.74N, 29.26E, h17km, MD2.0

ISC 08:22:55.46.7.0.8, 40.74N, 0.03x29.26E, 0.02, h17km, 5km, n34, c093749, Turkey

ISC/JB 08:22:55.46.9.0.4, 40.75N, 0.03x29.24E, 0.04, h13km, 4km, Error ellipse: s-maj=5.5km s-min=4.8km az=166.8

CSEM 08:22:55.46.7.0.1, 40.75N, 29.26E, h17km, MD2.0, Error ellipse: s-maj=2.8km s-min=2.2km az=2.0

DDA 08:22:55.46.9.0.4, 40.75N, 29.30E, h7km, M12.6, ISC 08:22:55.46.2.0.4, 40.74N, 29.26E, h17km, MD2.0

ISC 08:22:55.46.7.0.8, 40.74N, 0.03x29.26E, 0.02, h17km, 5km, n34, c093749, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Estacion Bilba, San Juan 2, Nasa, Ulba Tunguruahu, etc.

MEX 08 23:08:26.9-0.9,16.89N,94.76W,h135km,27km,MD4.0, Oaxaca

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

KRSC 08 23:17:23.4-0.9,53.67N,160.85E,h48km,16km,ML3.8, Near east coast of Kamchatka Peninsula

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

ISCJB 08 23:19:59.8-0.7,22.63S,105.66W,0.09, h209km,12km,mb3.9/2, Error ellipse: s-maj=14.0km s-min=8.4km, az=14.4

ISC 08 23:19:59.8-1.5,22.64S,66.74W,h181km,19km,mb3.6/2, mb1 3.6/5, mb1mx3.2/4, mbtmp4.1/5, Error ellipse: s-maj=30.2km s-min=13.8km, az=120.0

GUC 08 23:20:02.0-0.5,22.60S,67.46W,h235km,11km,ML4.2, Error ellipse: s-maj=10.9km s-min=6.7km, az=121.4

ISC 08 23:20:01.0-1.2,22.57S,108.67W,0.11,h206km,14km, n17, r129/30, 9C-1, Azuay Province

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

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.

KRNET 08 23:37:19.5-0.1,39.42N,71.77E,mb3.0, NNC 08 23:37:24.7-3.5,39.83N,71.89E,h0km,mb3.5,mpv3.2, Error ellipse: s-maj=33.4km s-min=23.5km, az=25.0

SOME 08 23:37:27.1,39.93N,71.92E,h5km, Error ellipse: s-maj=33.4km s-min=23.5km, az=25.0

ISC 08 23:37:21.1,6.39S,140.09W,0.161E,0.05,h3km,12km, n24, r171/45, 16C-9D, Tajikistan

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

ISC 08 23:37:26.4-6.2,16.26S,168.34E,h0km,mb3.7/3, mb1 4.0/3, mb1mx3.6/29, mbtmp3.7/3, Error ellipse: s-maj=289.2km s-min=38.4km, az=145.0, Vanuatu

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

ILAR Eielson Array 87.78 18 P P 23 50 17.0 0.0

0.1nm,0.5s,baz=216,slow=5.6,SNR=2.6

IDC 08 23:37:50.9-1.4,36.41N,142.56E,h0km,mb3.5/4, mb1 3.7/7, mb1mx3.5/41, mbtmp3.6/7, ML3.5/3, Error ellipse: s-maj=28.0km s-min=21.2km, az=110.0

ISCJB 08 23:37:52.0-0.8,36.56N,104.142W,0.07,h15km, JMA 08 23:37:55.2-0.1,36.59N,142.39E,h0km,ML3.3

ISC 08 23:37:52.8-1.0,36.59N,104.142W,0.08,h15km,n23, r132/23,mb3.5/4, Off east coast of Honshu

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

SJA 08 23:43:58.1-0.8,31.02S,72.57W,h15km,ML3.8,MW3.6, JUC 08 23:44:04.4-0.5,31.03S,71.98W,h30km,ML3.6

ISC 08 23:44:01.9-2.1,31.00S,72.04W,0.07,h5km,10km, n16, r166/22,3C, Off coast of Central Chile

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

GCMT 08 23:53:21.7-0.1,11.20S,162.41E,h15km,MW5.6/126, Moment Tensor Solution, s107,c194, s126,c330, Duration: 1s Moment tensor: Scale 10^17Nm

MOS 08 23:53:23.7-1.7,11.18S,162.28E,h33km,mb5.1/7, MS5.0/4 Error ellipse: s-maj=11.9km s-min=10.6km, az=172.4

NEIC 08 23:53:23.1-2.8,11.11S,162.34E,h23km,19km,mb5.0/33, Error ellipse: s-maj=10.9km s-min=6.7km, az=121.4

ISCJB 08 23:53:24.0-0.3,11.28S,101.162E,0.05,h39km, mb4.8/54, MS5.1/46, Error ellipse: s-maj=7.1km s-min=5.5km, az=42.3

BUI 08 23:53:25.9,10.65S,162.48E,h34km,mb4.7/31,mb5.2/30, MS5.4/26, MS7.5/2/26

IDC 08 23:53:31.4-4.1,11.15S,161.94E,h82km,31km,mb4.0/14, mb1 4.1/17, mb1mx4.0/41, mbtmp4.4/17, MS5.0/25, MS1 5.0/25, ms1mx4.8/36, Error ellipse: s-maj=35.2km s-min=15.4km, az=103.0

ISC 08 23:53:25.0-0.3,11.36S,105.05E,162.52E,0.05,h39km,n162, r2518/170,mb4.9/54,MS5.2/48,2C, Guapinville-Solomon Islands region

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MSVF, Nonsavu, TARAWA, EIDS, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RKT, Rikitea, YSS, USRUK, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YAK, Tatalina, QSPA, etc.

ISCJB 08 23:54:53.7, 0.8, 44.98N, 0.06:106:89W, 0.05, h0km, Error ellipse: s-maj=8.5km s-min=4.7km az=21.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSWZ Moikau Station, SNZO South Karori, Baring Head, Tory Channel, Waipua Caves, etc.

ISCJB 09 01:46:47.8-0.7, 33:10S:0:08:179:2W0.1, h45km, m-b4.5/9, MS3.4/6, Error ellipse: s-maj=17.5km s-min=10.0km az=18.4

NEIC 09 01:46:50.7-2.1, 33:02S:179:06W, h62km, 21km, mb4.4/1, Error ellipse: s-maj=19.3km s-min=15.2km az=208.0

IDC 09 01:46:50.3-3.4, 33:13S:179:13W, h58km, 32km, mb4.2/7, mb1 4.4/8, mb1mx4.0/29, mbtmp4.5/8, ML4.8/1, MS3.5/7, Ms1 3.4/7, ms1mx3.3/25, Error ellipse: s-maj=23.7km s-min=19.9km az=140.0

ISC 09 01:46:49.2-0.7, 33:10S:0:08:179:1W0.1, h45km, n32, s129/22, mb4.5/9, MS3.3/6, South of Kermadec Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VNSA Vanda, FITZ Fitzroy Cross, SAZ South Pole Qui, MAW Mawson, etc.

IDC 09 01:56:28.8-3.3, 29:24S:176:53W, h0km, mb3.5/2, mb1 3.7/2, mb1mx3.5/26, mbtmp3.5/2, Error ellipse: s-maj=16.3km s-min=48.5km az=171.0, Kermadec Islands region

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

NIED 09 01:57:00.38:30N:141:90E, h17km, Mw3.7, Best double couple: Mb3.58000x1014, Np1.1x10000, Np2.1x10000, Np3.1x120000, IDC 09 01:57:25.6:1.1, 38:37N:141:94E, h0km, mb3.8/8, mb1 3.8/10, mb1mx3.7/48, mbtmp3.7/10, ML2.8/2, Error ellipse: s-maj=22.2km s-min=17.1km az=122.0

JMA 09 01:57:28.6-0.1, 38:29N:141:91E, h22km, 1km, M4.0, JMA Fell II J1, ISC 09 01:57:28.0-2.4, 38:31N:141:90E:0:07, h16km, 14km, n26, s1131/31, mb4.0/8, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JIO Ouri, JFU Ofunato, JIK Ichinoseki, etc.

JMA 09 02:06:22.9-0.1, 27:36N:129:30E, h16km, 4km, M3.6, Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JAMN Amaminishikomi, JTK Tokunoshima, JAM Amami Oshima, etc.

IDC 09 02:11:50.7-2.0, 28:82S:177:31W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/25, mbtmp3.9/3, MS3.5/2, Ms1 3.4/2, ms1mx2.9/33, Error ellipse: s-maj=61.6km s-min=19.7km az=122.0, Kermadec Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, FINES FINES Array B, NB2 NORAS Subarra1, etc.

ISCJB 09 02:17:16.3:0.5, 49:83N:0:03:18:44E:0:03, h0km, Error ellipse: s-maj=15.0km s-min=2.5km az=12.4

IPEC 09 02:17:16.9:0.2, 49:80N:18:57E, h0km, ML1.6/3, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

CSEM 09 02:17:1.0:2.0, 49:80N:18.48E, h1km, ML2.6/4, Error ellipse: s-maj=6.7km s-min=3.3km az=9.0

PRU 09 02:17:18.3, 49:83N:18.46E, h0km, ISC 09 02:17:11.0:8.49:79N:0:04:18:52E:0:02, h0km, n29, s08347/7, Czech and Slovak Republics

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

ISCJB 09 02:24:47.9:0.3, 24:10N:0:02:121:89E:0:02, h53km, 4km, Error ellipse: s-maj=3.4km s-min=2.2km az=42.8

JMA 09 02:24:47.2, 24:05N:121:84E, h49km, M3.2, TAP 09 02:24:48.3, 24:13N:121:84E, h49km, ML3.6, D, ISC 09 02:24:48.4:1.2, 24:10N:0:02:121:88E:0:02, h50km, 7km, n62, s0971/10, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TWD Chiawan, TWD Chiawan, HWA Hwalei, etc.

9d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWA, TWF1, TWF1, TYC, TYC, NSTT, NSTT, NWF, NWF, TAP1, TAP1, TAP1, TAP1, TWQ1, YUS, YUS, YUS, NSY, NSY, NCU, TWS1, TWS1, TWS1, YOB, YOB, YOC, YOC, TCU, CHKT, CHKT, WNT, WNT, WNT, ALS, ALS, TWY, TWY, ELDTW, ELDTW, CHN5, CHN5, WGK, STYT, STYT, CHN4, CHN4, CHN2, CHN2, WTP, WTP, CHY, TWG, TWG, TWK, TWK, PCYT, CHN1, CHN1, CHN1, SGST, WSF, IRIF, IRIF, CHN3, CHN3, SSD, SSD, JKRS, JKRS, EAST, EAST, SCZT, SCZT, SCZT, JIJ, JIJ, JIJ, WDG, WDG, JISG, JISG.

IDC 09 02:25:07.6-3.9, 57.97S-26.89W, h0km, mb4.3/1, mb1 4.5/1, mb1mx3.7/20, mbtmp4.3/1, Error ellipse: s-maj=576.0km s-min=47.1km az=28.0, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPAZ, SONM, ILAR.

ISCJB 09 02:32:19.3-0.7, 18.36N-146.2E-0.2, h145km, mb3.9/10, Error ellipse: s-maj=20.9km s-min=11.7km az=179.7

IDC 09 02:32:25.6-2.0, 18.35N-146.12E, h192km, 19km, mb3.6/10, mb1 3.8/13, mb1mx3.5/48, mbtmp4.2/13, Error ellipse: s-maj=23.3km s-min=1.1km az=94.0

ISC 09 02:32:20.7-0.8, 18.49N-146.2E-0.2, h145km, n16, s=159/13, mb3.9/10, Mariana Islands region

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

2011 AUG

Table with columns: GUMO, JOW, MJAR, H11S3, H11S1, H11S2, JAY, KRSR, WRA, FITZ, ASAR, CMAR, STKA, ILAR, YKA, PDAR. Includes station names and coordinates.

KRSC 09 02:32:53.0-7.5, 55.33N-162.49E, h40km, 17km, ML3.5, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKZ, MKZ, KBG, KBG, ZLN, ZLN, TUMD, TUMD, CIRR, CIRR, LGNR, LGNR, KZM, KZM, BZMR, BZMR, TUMR, TUMR, KMMR, KMMR, KIRR, KIRR, SMKR, SMKR, KRSR, KRSR, KLY, KLY, BDR, BDR, KPT, KPT, SRK, SRK, KOZ, KOZ, BKI, BKI, SPN, SPN, SDLR, SDLR, KRER, KRER, SMAR, SMAR, AVH, AVH, UGL, UGL, GNL, GNL, RUS, RUS.

IDC 09 02:57:20.1-749.0, 56.01N-112.54E, h0km, Error ellipse: s-maj=328.6km s-min=167.0km az=47.0, Lake Baykal region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I34MN, I46RU, I31KZ.

IDC 09 03:02:25.0-4.8, 14.79S-173.93W, h0km, mb3.9/7, mb1 4.2/7, mb1mx3.9/32, mbtmp3.9/7, MS3.2/7, Ms1 3.2/7, ms1mx0.3/30, Error ellipse: s-maj=40.4km s-min=22.9km

ISCJB 09 03:02:33.4-0.8, 14.8S-174.0W-0.2, h73km, mb3.7/7, Error ellipse: s-maj=37.8km s-min=21.5km az=137.2

ISC 09 03:02:35.1-0.9, 14.8S-174.0W-0.3, h73km, n15, s=065/8, mb3.8/7, Samoa Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI, AFI, AFI, RAR, RAR, WRA, GUMO, ASAR, Vnda, MJAR, KRSR, USRK, TXAR, ILAR, PDAR, MAW, SONM, BRTR.

IDC 09 03:07:36.2-1.1, 18.29N-145.92E, h0km, mb3.7/8, mb1 3.9/8, mb1mx3.7/39, mbtmp3.7/8, MS3.5/2, Ms1 3.5/2, ms1mx2.2/30, Error ellipse: s-maj=35.5km s-min=21.2km az=100.0, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG, HNR, WRA, FITZ, SONM, ZALV, MKAR.

392

Table with columns: ILAR, BVAR, YKA. Includes station names and coordinates.

IDC 09 03:13:21.0-2.1, 6.62S-129.62E, h0km, mb4.0/1, mb1 4.1/4, mb1mx3.6/58, mbtmp4.0/4, ML3.9/2, Error ellipse: s-maj=89.1km s-min=27.3km az=76.0, Banda Sea

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

NEIC 09 03:21:52.4, 36.38N-116.26W, h13km, ML2.9(REN), After REN

ISC 09 03:21:52.3-0.9, 36.38N-116.26W-0.03, h14km, 7km, n21, s=132/36, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TPNV, TPNV, FURC, FURC, GRAC, GRAC, SHOC, SHOC, DAC, DAC, MPMC, MPMC, TUQ, TUQ, TIN, TIN, R11A, R11A, R11A, R11A, GSC, GSC, HEC, HEC, GMRC, GMRC, ISA, ISA, MLAC, MLAC, NEE2, NEE2, VES, VES, IRM, IRM, CMB, CMB, CMB, CMB, BWN, BWN, WUAZ, WUAZ.

CSEM 09 03:26:31.1, 62.73N-25.27E, h0km, ML2.0, Mining explosion

HEL 09 03:26:56.3-1.5, 67.74N-34.21E, h0km, ML1.4, Explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VRF, VRF, VRF, KU6, KU6, KU6, MSF, MSF, MSF, HEF, HEF, HEF, LANU, LANU, LANU, LANU.

NDI 09 03:33:46.8-2.0, 22.80N-86.71E, h10km, ML3.5, DMN 09 03:33:47.5-0.4, 22.26N-86.07E, h10km, M14.6/7, Error ellipse: s-maj=12.0km s-min=3.1km az=85.0

ISCJB 09 03:35:4.1-0.4, 22.69N-86.07E-0.08, h33km, Error ellipse: s-maj=11.3km s-min=4.2km az=25.6

ISC 09 03:35:4.4-1.7, 22.72N-86.07E-0.1, h35km, n16, s=200/26, Southern India

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOK, BOK, BOK, RAMN, RAMN, PKI, PKIN, PKIN, JIRN, JIRN, DMN, DMN, KKN, KKN.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GUN Gumba, GKN Gorkha, KOLN Koldanda, etc.

DJA 09 03:39:07.7-0.5, 8°S, 4°10'E, h37km, 8km, M4.0/7, MLv4.0/7, Jawa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMJI Cimerak, CMJI Cisomet, CISI Cisomet, etc.

NIED 09 03:55:14.7-0.1, 35°38'N, 141°10'E, h5km, Mw3.3 Best double couple: Mo: 1.1000e+10, NP1: 329.0000e+0, 865.0000e+0, lambda: 167.0000e+0, NP2: 233.0000e+0, 878.0000e+0, lambda: 26.0000e+0

JMA 09 03:55:14.7-0.1, 35°38'N, 140°37'E, h13km, 1km, M3.7/2C, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CHOJ Chosi, JCN Nagara, JYT Yasato, etc.

IDC 09 04:21:56.8-10.0, 4.03S, 150.94E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/35, mbtmp3.9/3, Error ellipse: s-min=175.2km s-min=94.9km az=16.0, New Britain region

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

ISCJB 09 04:28:57.9-0.5, 35°75'N, 04°47'14"E, 0.07, h100km, mb3.6/7, Error ellipse: s-maj=8.7km s-min=4.9km az=164.7

IDC 09 04:28:58.3-5.7, 35°69'N, 71°15'E, h75km, 39km, mb3.5/7, mb1 3.7/12, mb1mx4.7/2, mbtmp4.0/12, ML4.0/5, MS2.3/3, Ms1 2.7/3, ms1mx2.4/37, Error ellipse: s-maj=57.9km s-min=17.7km az=149.0

NNC 09 04:29:06.5-3.8, 36°27'N, 71°67'E, h232km, 34km, mb3.4, mpv4.5, Error ellipse: s-maj=40.5km s-min=28.7km az=69.0

ISC 09 04:28:58.7-0.6, 35°77'N, 05°17'47"E, 0.08, h100km, n29, c276/32, mb3.8/7, 3C-5D, Pakistan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CEP Cherat, CHCP Chirah Chowk, THW Thamme Wali, MNAS Manas, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AKTO Aktyubinsk, ZALV Zalesov Beam, ZALV Zalesov Beam, GNI Gani, etc.

NEIC 09 04:31:14.1, 36°84'N, 116°25'W, h10km, ML3.3(REN), After REN, ISC 09 04:31:13.8-0.9, 36°85'N, 116°22'W, 0.02, h13km, 7km, n35, c1958/63, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TPNV Topopah Spring, FURC Furnace Creek, FURC Grapevine Rang, etc.

TUQ Turquoise Mountain, CWC Cottonwood Cre, R11A Troy Canyon, C, R11A Troy Canyon, C, GSC Goldstone, Bar, GSC Goldstone, Bar, TIN Tinemaha, TIN Tinemaha, LRMC Laurel Mtn Rad, HEC Hector, Ludlow, RRR Edison Barstow, GMRC Granite Mounta, GMRC Granite Mounta

ISA Isabella, Lake, EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

EDW2 Edwards Air Fo, EDW2 Edwards Air Fo, NEE2 Needles Airpor, NEE2 Needles Airpor, RCTC Rector, Farmer, VES Vestal, Richg, IRM Iron Mountain, BELC Belle Mtn, Jos, BELC Mount Baldy Ra, BC3 Big Chuckawall, Y12C Y12C, CMB Columbia Colle, CMB Columbia Colle, BMN Battle Mountai, BMN Battle Mountai, GLA Glamis, WUAZ Wupatki, WUAZ Wupatki, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, PV04 Paradox Valley, PV04 Paradox Valley, PV04 Paradox Valley, MVCO Mesa Verde, MVCO Mesa Verde, PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like STKA Stephens Creek, SONM Songino Array, ZALV Zalesov Beam, KURBB Kurchatov Arra, etc.

PRU 09 04:39:35.8, 49.899N, 18.48E, h0km, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OKC Ostrava-Krasne, DPC Dobruska-Polom, etc.

IDC 09 04:43:14.5-8.7, 55°92'N, 155°97'W, h0km, mb3.3/2, mb1 3.6/3, mb1mx3.4/41, mbtmp3.2/3, ML3.2/1, MS3.1/2, Ms1 3.1/2, ms1mx2.5/18, Error ellipse: s-maj=158.4km s-min=26.3km az=87.0

ISCJ 09 04:43:16.5-0.6, 56°38'N, 0°05'156°27'W, 0.06, h0km, mb3.4/2, MS3.1/2, Error ellipse: s-maj=8.2km s-min=3.8km az=156.0

NEIC 09 04:43:17.2, 56°28'N, 156°23'W, h34km, M4.1(AEIC), After AEIC, ISC 09 04:43:18.3-1.0, 56°37'N, 0°07'156°29'W, 0.05, h60km, n23, c1945/29, Alaska Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ANNE Aniakchak Nort, ANPK Aniakchak Peak, ANPB Aniakchak Plen, etc.

IDC 09 04:43:35.9-2.7, 4°19'S, 102°43'E, h17km, 16km, mb4.8/30, mb1 4.9/30, mb1mx4.9/34, mbtmp4.9/30, MS3.7/23, Ms1 3.7/23, ms1mx3.6/39, Error ellipse: s-maj=14.8km s-min=10.1km az=57.0

MOS 09 04:43:39.0, 1.0, 4°09'S, 102°60'E, h50km, mb5.5/36, Error ellipse: s-maj=9.6km s-min=5.3km az=111.3

BUI 09 04:43:39.4, 4°30'S, 102°40'E, h64km, mb5.1/57, mb5.1/40, Ms4.5/31, Ms7.4/427

KLM 09 04:43:40.2, 4°43'S, 102°43'E, h25km, mb4.9, NEIC 09 04:43:41.7, 0.4, 4°25'S, 102°40'E, h65km, 3km, mb5.0/28, Error ellipse: s-maj=5.9km s-min=3.6km az=50.0

NEIC Felt [III] at Bengkulu and Kapahiang, ISCJB 09 04:43:41.5, 0.4, 4°26'S, 103°102'43E, 0.03, h76km, 3km, mb5.0/103, Error ellipse: s-maj=6.2km s-min=3.0km az=135.6

GCMT 09 04:43:41.7, 0.4, 4°39'S, 102°28'E, h66km, 3km, MW4.8/54, Moment Tensor Solution, s31,c40; s54,c68; Duration: 0 Moment tensor: Scale 10^19Nm; Mr1.72e16; Mw=1.34e12; Ms=0.37e16; Ms1.12e08; Mw1.23e09; Ms=0.23e10; Best double couple: M2.27600e106

NP1=1.1, 0.0000e+00; s61, 0.0000e+00; s75, 0.0000e+00; NP2=0.320, 0.0000e+00; s33, 0.0000e+00; s115, 0.0000e+00; Principal axes: T 2.0970, P1g70.0000e+00, Azm348.0000e+00, N 0.3600, P1g13.0000e+00, Azm119.0000e+00, T 2.4550, P1g14.0000e+00, Azm212.0000e+00; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

DJA 09 04:43:42.0, 2.0, 4°S, 2°10'E, h52km, 2km, M4.9/24, mb5.3/39, mb5.0/24, MLV5.0/6, Mw(mB)4.79

ISC 09 04:43:41.1-0.6, 4.35S, 104°102'34E, 0.04, h60km, 4km, n63.1, c1945/61.1, mb5.1/103, 41C-17D, Southern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MNAI Manna, MNAI Manna, KSI Kapahiang, MASI Maura Aman, Be, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSI Prapat, IPM Ipo, UGM Wanasaga, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like H01W1 Cape Leeuwin H, WRKA Warakurna, WRA Warramunga Arr, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSH Kashi, EIDS Eidsvold, SONM Songoing Arr, etc.

ARU	Arti	70.29 336	eP	P	04 54 47.4	-0.5
NCK	Nalchik	71.05 319	eP	Pmax	04 54 52.9	0.0
NEY	Neytrino	71.52 318	iP	P	04 54 56.6	+0.7
KBZ	Khabz	71.60 319	P	P	04 54 56.7	+0.5
KBZ	Khabz	71.60 319	P	LR	05 30 11.4	
RPZ	Rata Peaks	71.14 305	eP	P	04 54 57.3	+0.6
ZALF	Zalf	71.72 307	iP	P	04 54 58.8	+1.6
KIV	Kislovodsk	71.84 319	iP	P	04 54 57.9	+0.2
KIV	Kislovodsk	71.84 319	eP	Pmax	04 55 13.2	
KIV	Kislovodsk	71.84 319	eP	P	04 54 57.6	-0.1
SALA	Sala	72.14 306	iP	P	04 57 36.4	-1.6
SOKR	Solikamsk	73.12 338	iP	P	04 55 02.8	-2.0
DRWC	Darouh	73.40 310	iP	P	04 55 07.0	-0.2
LSZ	Lusaka	73.59 255	eP	Pmax	04 55 10.4	+1.7
LSZ	Lusaka	73.59 255	eP	P	04 55 10.4	+1.7
PETK	Petrovsk	73.64 311	P	P	04 55 06.7	-1.4
ARNB	Al Arnab	73.70 309	iP	P	04 55 10.8	+1.9
MA2	Magadan	74.22 23	P	P	04 55 10.7	-0.6
MA2	Magadan	74.22 23	eP	Pmax	04 55 10.7	-0.6
MA2	Magadan	74.22 23	eP	P	04 55 10.7	-0.6
NRK	Noril'sk	74.23 355	P	P	04 55 09.7	-1.5
NRK	Noril'sk	74.23 355	P	LR	05 30 49.0	
CSS	Mathiatis	75.50 308	P	P	04 55 20.1	+0.8
VRH	Novokhopovsk	75.57 326	eP	Pmax	04 55 18.6	-0.7
SYO	Syowa Base	76.42 199f	P	P	04 55 28.0	+4.2
BOSA	Boshof	76.60 242	P	P	04 55 27.0	+1.2
BRTR	Breskvin Array B	76.62 312	P	P	04 55 25.2	-0.6
BRTR	Breskvin Array B	76.62 312	iP	LR	05 32 01.9	
BRTR	Breskvin Array B	76.62 312	iP	Pmax	04 55 25.6	-0.2
VSR	Storozhevo	77.03 325	eP	Pmax	04 55 26.1	-1.5
ANTO	Ankara	77.29 312	eP	Pmax	04 55 29.7	+0.3
ANTO	Ankara	77.29 312	eP	P	04 55 29.7	+0.3
TIXI	Tiksi	77.81 80	iP	Pmax	04 55 29.3	-2.2
SIM	Simferopol	77.90 318	eP	Pmax	04 55 33.5	+0.9
VNDA	Vand	79.42 169	P	P	04 55 41.5	+1.2
MOS	Moscow	79.70 329	eP	Pmax	04 55 40.9	-1.3
OBN	Obninsk	80.01 328	iP	P	04 55 43.4	-0.5
OBN	Obninsk	80.01 328	iP	P	04 55 53.1	
OBN	Obninsk	80.01 328	iP	P	04 58 47.3	
SBA	Scott Base	80.51 169	eP	Pmax	04 55 48.4	+2.2
SBA	Scott Base	80.51 169	eP	P	04 55 48.4	+2.2
KLMP	Klimovskoe	80.95 334	eP	Pmax	04 55 46.5	-2.3
CFR	Carcaiu	82.03 317	iP	P	04 55 55.1	+0.3
CFR	Carcaiu	82.03 317	iP	P	04 55 57.8	-0.1
SORM	Soroca	82.63 320	iP	P	04 55 57.8	-0.1
AKASG	Malin Array Be	82.76 322	P	P	04 55 57.8	-0.8
AKASG	Malin Array Be	82.76 322	iP	P	04 55 58.2	-0.4
KIEV	Kiev	82.77 322	iP	Pmax	04 55 57.9	-0.7
VRI	Vrincioia	83.15 317	iP	P	04 56 01.7	+0.9
VRI	Vrincioia	83.15 317	iP	P	04 56 01.7	+0.9
PLOR	Plostina	83.20 317	iP	P	04 56 01.7	+0.7
PLOR	Plostina	83.20 317	iP	P	04 56 01.7	+0.7
TESR	Tescani	83.36 318	iP	P	04 56 02.6	+0.8
MLR	Muntele Rosu	83.60 317	iP	P	04 56 03.6	+0.4
MLR	Muntele Rosu	83.60 317	iP	P	04 56 03.6	+0.4
VOIR	Voir	84.21 316	iP	P	04 56 05.9	-0.3
ARR	Arges	84.48 316	iP	P	04 56 07.2	-0.4
BILL	Bilbino	84.54 20c	iP	Pmax	04 56 05.0	-2.3
BURAR	Bucovina Array	84.56 319	iP	P	04 56 09.4	+1.4
BURAR	Bucovina Array	84.56 319	iP	P	04 56 09.4	+1.4
VTS	Vitosha	84.95 313	iP	P	04 56 09.9	-0.2
VTS	Vitosha	84.95 313	iP	P	04 56 09.9	-0.2
QSPA	South Pole Qui	85.93 180	eP	P	04 56 14.6	+1.5
LVV	L'vov	85.79 321	eP	P	04 56 14.4	+0.5
NVL	N'azarevskaya	86.09 199	eP	P	04 56 19.6	+4.5
BZS	Buzias	86.61 316	iP	P	04 56 19.0	+0.9
BZS	Buzias	86.61 316	iP	P	04 56 18.3	0.0
UZH	Uzhgorod	86.68 319	eP	P	04 56 38.7	
FINES	FINES Array B	87.27 332	P	P	04 56 21.1	+0.2
FINES	FINES Array B	87.27 332	P	LR	05 40 01.8	
CRVS	Cervencia-Dubn	87.27 319	eP	P	04 56 22.0	+0.8
CRVS	Cervencia-Dubn	87.27 319	eP	P	04 56 44.9	
CRVS	Cervencia-Dubn	87.27 319	eP	P	04 56 22.0	+0.8
STHS	Stebnicka Huta	87.50 320	eP	P	04 56 23.9	+1.6
STHS	Stebnicka Huta	87.50 320	eP	Pmax	04 56 44.3	
STHS	Stebnicka Huta	87.50 320	eP	P	04 56 23.9	+1.6
STHS	Stebnicka Huta	87.50 320	eP	P	04 56 44.3	
KECS	Kecevo	87.84 319	eP	P	04 56 24.4	+0.4
KECS	Kecevo	87.84 319	eP	Pmax	04 56 43.6	
KECS	Kecevo	87.84 319	eP	P	04 56 24.4	+0.4
KECS	Kecevo	87.84 319	eP	P	04 56 43.6	
NIE	Niedzica	88.10 320	eP	P	04 56 26.2	+1.0
NIE	Niedzica	88.10 320	eP	P	04 56 26.2	+1.0
OJC	Ojcow	88.50 320	eP	P	04 56 27.9	+0.6
OJC	Ojcow	88.50 320	eP	P	04 56 27.9	+0.6
LANS	Liptovska Anna	88.60 319	eP	P	04 56 29.0	+1.4
LANS	Liptovska Anna	88.60 319	eP	P	04 56 29.0	+1.4
VYHS	Vyhne	88.92 319	eP	Pmax	04 56 29.9	+0.8
VYHS	Vyhne	88.92 319	eP	P	04 56 29.9	+0.8

ARCES	ARCCESS Array B	89.46 340	P	P	04 56 31.1	0.0
ARCES	ARCCESS Array B	89.46 340	P	LR	05 41 14.4	
OKC	Ostrava-Krasne	89.55 320	eP	P	04 56 33.4	+1.4
OKC	Ostrava-Krasne	89.55 320	eP	P	04 56 34.4	+1.4
MORC	Moravsky Berou	89.93 320	iP	P	04 56 34.9	+1.1
MORC	Moravsky Berou	89.93 320	iP	P	04 56 34.9	+1.1
SNA	Sanae	90.64 198	P	P	04 56 40.3	+3.5
SNA	Sanae	90.64 198	eP	P	04 56 39.8	+3.0
SNA	Sanae	90.64 198	eP	P	04 56 56.0	
SNA	Sanae	90.64 198	eP	Pmax	04 56 39.8	+3.0
SNA	Sanae	90.64 198	eP	P	04 56 56.0	
SNA	Sanae	90.64 198	eP	P	04 56 56.0	
DPC	Dobruska-Polom	90.77 320	eP	x	04 56 39.1	+1.3
DPC	Dobruska-Polom	90.77 320	eP	x	04 56 41.7	
DPC	Dobruska-Polom	90.77 320	eP	P	04 56 39.1	+1.3
KSP	Ksiaz	90.84 321	eP	P	04 56 39.1	+1.1
GOPC	GO Pecny, Ondr	91.72 320	eP	P	04 56 43.3	+1.2
GOPC	GO Pecny, Ondr	91.72 320	eP	P	04 56 43.3	+1.2
PRU	Pruhonice	91.88 320	eP	P	04 56 43.5	+0.7
PRU	Pruhonice	91.88 320	eP	P	04 56 45.5	+0.6
BRG	Berggiesshubel	92.33 321	eP	P	04 56 45.5	+0.6
BRG	Berggiesshubel	92.33 321	eP	Pmax	04 56 45.5	+0.6
BRG	Berggiesshubel	92.33 321	eP	Pmax	04 56 45.5	+0.6
GERES	GERES Array B	92.35 319	P	P	04 56 44.9	-0.2
NB2	NORSAR Subarra	94.32 331	P	P	04 56 53.3	-0.5
NOA	NORSAR Array B	94.32 331	P	P	04 56 53.4	-0.5
NOA	NORSAR Array B	94.32 331	P	LR	05 43 47.4	
KEST	Kesra	94.95 305	P	P	04 56 58.4	+1.0
ILAR	Elielson Array	102.68 24	PP	PP	05 01 34.6	-1.1
ILAR	Elielson Array	102.68 24	PP	PKK	05 13 31.4	-1.7
ILAR	Elielson Array	102.68 24	PP	PKK	05 13 31.4	-1.7
ILAR	Elielson Array	102.68 24	PP	PKK	05 13 31.4	-1.7
YKA	Yellowknife Ar	115.89 18	PKP	PKK	05 02 15.4	-1.3
YKA	Yellowknife Ar	115.89 18	PKP	PKK	05 13 11.0	-4.4
B05A	Bryant	122.12 34	P	PKK	05 02 28.9	-0.2
G03D	McMinnville, O	123.12 37	P	PKK	05 02 30.7	-0.5
I03D	Drain, OR	123.85 39	P	PKK	05 02 33.0	+0.4
I04A	Tendick Farm	124.38 38	P	PKK	05 02 33.7	0.0
I05D	Terrebonne, OR	124.74 37	P	PKK	05 02 34.7	+0.3
NEW	Newport	124.78 31	PKP	PKK	05 02 34.8	+0.4
NEW	Newport	124.78 31	PKP	PKK	05 02 34.7	+0.4
J04D	Umpqua Nationa	124.86 39	P	PKK	05 02 34.9	+0.1
J05D	Fort Rock, OR	125.38 38	P	PKK	05 02 35.9	+0.1
N02D	Trinity Center	125.64 41	P	PKK	05 02 36.4	+0.2
M04C	Macdool	125.79 40	P	PKK	05 02 36.7	+0.1
M03D	Paynes Creek	126.57 42	P	PKK	05 02 38.0	0.0
MSD	Misama	127.35 31	P	PKK	05 02 39.0	-0.4
MFID	Camas Ranch	128.52 35	ePKK	PKK	05 02 41.9	+0.2
EGMT	Eagleton	128.53 27	P	PKK	05 02 41.6	+0.1
EGMT	Eagleton	128.53 27	ePKK	PKK	05 02 42.1	+0.6
DLMD	Halley	129.03 31	ePKK	PKK	05 02 42.9	+0.2
DLMD	Halley	129.03 31	ePKK	PKK	05 02 43.5	+0.3
HLID	Hailey	129.23 34	ePKK	PKK	05 02 44.0	+0.9
HLID	Hailey	129.23 34	ePKK	PKK	05 02 47.0	+0.7
RWLT	Cottonwood Cre	131.04 44	P	PKK	05 02 47.2	+0.5
LAO	LASA Array	131.11 26	P	PKK	05 02 47.5	+1.1
REDW	Red Top Meadow	131.31 32	ePKK	PKK	05 02 47.4	+0.3
BLG	Laguna Peak, P	131.50 47	P	PKK	05 02 47.8	+0.3
MPMC	Manual Prospec	131.65 44	P	PKK	05 02 48.1	+0.1
R11A	Troy Canyon, C	131.68 40	P	PKK	05 02 48.7	+0.8
R11A	Troy Canyon, C	131.68 40	ePKK	PKK	05 02 48.8	+0.8
R11A	Troy Canyon, C	131.68 40	ePKK	PKK	05 02 47.1	-0.3
FURC	Furnace Creek	131.87 43	P	PKK	05 02 48.6	+0.6
HWUT	Hardware Ranch	132.10 34	ePKK	PKK	05 02 48.9	+0.3
DUG	Dugway, Tooele	132.29 37	ePKK	PKK	05 02 49.4	+0.4
DUG	Dugway, Tooele	132.29 37	ePKK	PKK	05 02 49.1	+0.1
DUG	Dugway, Tooele	132.29 37	ePKK	PKK	05 02 49.1	+0.1
PDAR	Pinedale Array	132.40 32	PKP	PKK	05 02 49.0	-0.2
PDAR	Pinedale Array	132.40 32	PKP	SKIKP	05 06 17.6	-3.8
PDAR	Pinedale Array	132.40 32	PKP	SKIP	05 06 34.6	
GSC	Goldstone, BR	132.52 44	P	PKK	05 02 49.7	+0.2
C31A	Landman Farms	133.40 19	P	PKK	05 02 50.1	-0.6
GMR	Granite Mounta	133.59 44	P	PKK	05 02 52.1	+0.6
PFO	Pinyon Flats O	133.63 46	P	PKK	05 02 52.2	+0.5
B34A	Aery, Baudette	133.68 16	P	PKK	05 02 50.7	-0.4
BELC	Belle Mtn. Jos	133.76 46	P	PKK	05 02 52.6	+0.7
K22A	Casper	134.03 30	P	PKK	05 02 52.0	-0.3
K22A	Casper	134.03 30	ePKK	PKK	05 02 52.0	-0.3
RSSD	Black Hills	134.08 26	P	PKK	05 02 52.2	-0.2
RSSD	Black Hills	134.08 26	ePKK	PKK	05 02 52.2	-0.2
RSSD	Black Hills	134.08 26	ePKK	PKK	05 02 51.9	-0.4
C34A	RKJ Ranch, Bem	134.35 16	P	PKK	05 02 52.8	+0.3
O20A	White River Ci	134.35 33	P	PKK	05 02 54.0	-0.1
O20A	White River Ci	134.35 33	ePKK	PKK	05 02 54.6	+0.5
E35A	Pequot Lakes	134.51 16	P	PKK	05 02 54.3	-0.4
F33A	5 Mile Ranch,	135.59 19	P	PKK	05 02 54.4	-0.4
N23A	Red Feather La	135.62 31	P	PKK	05 02 55.4	0.0
E36A	McGregor	135.87 15	P	PKK	05 02 55.4	+0.1
F36A	Mitaca	136.40 16	P	PKK	05 02 56.1	-0.3
ISCO	Idaho Springs	136.60 32	P			

V37A	Hulbert	144.72	25	P	PKPab	05 03 09.4	-1.0
W36A	Wetumka	144.87	27	P	PKPab	05 03 10.1	-0.9
U39A	Green Forest	144.95	23	P	PKPab	05 03 10.0	-1.3
T41A	Mountain View	144.98	20	P	PKPab	05 03 10.2	-1.2
TXAR	Lajitas Array	145.00	42	PKP	SKP	05 03 12.1	+0.2
TXAR	comp-Z, 1.9nm, 0.7s, baz=286, slow=1.6, SNR=227					05 06 46.3	
S43A	Fulton Ridge	145.03	17	P	PKPbc	05 03 09.8	-1.8
V38A	Canehill	145.04	24	P	PKPbc	05 03 10.0	-1.6
Y34A	Reagan Ranch	145.10	30	P	PKPbc	05 03 10.9	-1.0
Z33A	Whitaker Ranch	145.12	32	P	PKPbc	05 03 10.7	-1.3
X35A	Drake	145.13	29	P	PKPbc	05 03 10.8	-1.1
ABTX	Ablene, Hawle	145.15	34	P	PKPbc	05 03 11.6	-0.6
ABTX	Ablene, Hawle	145.15	34	ePKPdf	PKPbc	05 03 11.7	-0.4
S44A	Carbondale	145.16	16	P	PKPbc	05 03 10.9	-1.0
U40A	Yellville	145.21	22	P	PKPbc	05 03 11.1	-1.0
W37B	Quinton	145.22	26	P	PKPbc	05 03 11.2	-1.0
AGUA	GUANO COL	145.23	194	eP	PKPpdf	05 03 14.0	+1.1
X36A	Centrahoma	145.28	28	P	PKPbc	05 03 11.3	-1.1
S45A	Carrier Mills	145.35	15	P	PKPbc	05 03 11.5	-1.0
W39I	Pettigrew	145.36	23	P	PKPbc	05 03 11.3	-1.4
VCI	Wyandotte Cave	145.37	12	ePKIKP	PKPbc	05 03 11.5	-1.1
W43A	Wyandotte Cave	145.37	12	ePKPdf	PKPbc	05 03 11.5	-1.1
W43A	Greenville	145.42	18	P	PKPbc	05 03 11.5	-1.3
CYA	Choya	145.46	199	eP	PKPab	05 03 14.3	+0.9
Z34A	Collier Ranch	145.49	31	P	PKPpdf	05 03 12.0	-1.1
Y35A	Marietta	145.50	29	P	PKPpdf	05 03 11.7	-1.4
U41A	Viola	145.56	21	P	PKPpdf	05 03 12.2	-0.9
133A	Hamilton Ranch	145.56	33	P	PKPpdf	05 03 12.9	-0.3
T44A	Benton	145.63	17	P	PKPpdf	05 03 12.3	-0.9
W38A	Poteau	145.67	25	P	PKPpdf	05 03 12.7	-0.6
V40A	Witts Springs	145.71	22	P	PKPpdf	05 03 12.4	-0.9
X37A	Clayton	145.71	26	P	PKPpdf	05 03 12.8	-0.6
U42A	Reviden	145.78	20	P	PKPpdf	05 03 12.9	-0.6
Z35A	Perchaven, San	145.86	30	P	PKPpdf	05 03 13.2	-0.5
W39A	Magazine	145.87	24	P	PKPpdf	05 03 13.0	-0.6
Y36A	Durant	145.87	28	P	PKPpdf	05 03 13.1	-0.6
X38A	Whitesboro	145.88	26	P	PKPpdf	05 03 13.2	-0.4
V41A	Mountainview	145.97	21	P	PKPpdf	05 03 13.2	-0.6
Z33A	Rising Star	146.02	33	P	PKPbc	05 03 14.6	-0.3
134A	White-Moore Ra	146.03	32	P	PKPpdf	05 03 14.1	+0.1
U43A	Rector	146.04	19	P	PKPpdf	05 03 13.4	-0.4
U44A	Portageville	146.14	18	P	PKPpdf	05 03 13.9	-0.1
W40A	Ferguson Farm	146.15	23	P	PKPpdf	05 03 14.1	0.0
LCO	Las Campanas	146.17	191	ePKPbc	PKPbc	05 03 15.4	-0.3
V42A	Cord	146.23	20	P	PKPpdf	05 03 14.2	0.0
Z36A	Blue Ridge	146.23	29	P	PKPpdf	05 03 14.3	-0.2
X39A	Fountain Ranch	146.32	25	P	PKPpdf	05 03 14.9	+0.4
135A	Vickery Place	146.39	31	P	PKPpdf	05 03 14.6	0.0
Z34A	Clairette	146.44	33	P	PKPbc	05 03 15.4	-0.7
W41B	Gary Mavity, V	146.48	22	P	PKPpdf	05 03 14.7	0.0
333A	Richland Sprin	146.50	34	P	PKPbc	05 03 15.7	-0.6
MIAR	Mount Ida	146.52	24	P	PKPpdf	05 03 15.2	+0.5
MIAR	Mount Ida	146.52	24	ePKP2	PKPbc	05 03 15.6	-0.6
MIAR	Mount Ida	146.52	24	ePKP2	PKPbc	05 03 15.6	-0.6
V43A	Jonesboro	146.53	19	P	PKPpdf	05 03 15.5	-0.7
Y38A	Idabel	146.55	26	P	PKPpdf	05 03 15.1	+0.3
JCT	Junction City	146.65	36	P	PKPbc	05 03 16.1	-0.7
JCT	Junction City	146.65	36	ePKP2	PKPbc	05 03 16.4	-0.4
JCT	Junction City	146.65	36	ePKPbc	PKPbc	05 03 16.4	-0.4
W42A	Bald Knob	146.66	21	P	PKPpdf	05 03 15.7	+0.8
V44A	Glythville	146.70	18	P	PKPpdf	05 03 15.8	+0.8
Z37A	Pogue Cattle C	146.78	26	P	PKPpdf	05 03 15.8	+0.6
WHTX	Lake Whitney	146.82	32	P	PKPpdf	05 03 16.1	+0.7
WHTX	Lake Whitney	146.82	32	ePKPbc	PKPbc	05 03 17.1	0.0
Y39A	Lockesburg	146.82	25	P	PKPpdf	05 03 15.9	+0.6
AHML	Horco Mollie	146.84	200	eP	PKPab	05 03 19.1	+0.3
433A	Art	146.86	35	P	PKPbc	05 03 16.5	-0.9
X40A	Basin Creek Fa	146.87	23	P	PKPbc	05 03 16.5	-0.7
136A	Ennis	146.91	30	P	PKPbc	05 03 16.5	-0.9
334A	Lometa	146.91	33	P	PKPbc	05 03 16.5	-0.9
X41A	Kaden, Bauxite	146.98	23	P	PKPbc	05 03 16.6	-0.9
Z38A	Mt. Pleasant	147.01	27	P	PKPbc	05 03 16.9	-0.7
V45A	Humboldt	147.06	17	P	PKPbc	05 03 16.8	-0.9
Y40A	Okolona	147.10	24	P	PKPbc	05 03 16.9	-0.9
W43A	Forest City	147.11	20	P	PKPbc	05 03 16.9	-0.9
X42A	Stuttgart	147.27	22	P	PKPbc	05 03 17.5	-0.8
434A	Burnet	147.28	34	P	PKPbc	05 03 17.8	-0.8
Z36A	Katherine and	147.29	31	P	PKPbc	05 03 17.6	-0.9
W44A	Shelby Farms P	147.36	19	P	PKPbc	05 03 17.5	-1.1
335A	Moody	147.38	33	P	PKPbc	05 03 18.2	-0.5
533A	Kerrville	147.40	36	P	PKPbc	05 03 18.4	-0.5
138A	Matatall Enter	147.45	28	P	PKPbc	05 03 18.5	-0.4
Y41A	Eagletree Beard	147.49	24	P	PKPbc	05 03 18.5	-0.4
Z40A	Tazewell	147.50	9	ePKPbc	PKPbc	05 03 17.8	-1.2
W45A	Hickory Valley	147.54	18	P	PKPbc	05 03 18.2	-0.8
X43A	Marvell	147.57	21	P	PKPbc	05 03 18.6	-0.5
336A	Riesel	147.61	32	P	PKPbc	05 03 19.1	-0.3
FSA	Cafayette	147.68	200	eP	PKPab	05 03 21.8	-0.4
435B	Jarrell	147.69	33	P	PKPbc	05 03 19.2	-0.4
Z40A	Long Farm, Mag	147.70	25	P	PKPbc	05 03 19.2	-0.4
139A	Bunkhouse Ranc	147.76	27	P	PKPbc	05 03 19.1	-0.6

534A	Blanco	147.76	35	P	PKPbc	05 03 19.0	-0.9
633A	Southoff Ranch	147.76	37	P	PKPbc	05 03 19.5	-0.4
Y42A	Gatling Star	147.84	22	P	PKPbc	05 03 19.4	-0.5
Z41A	Richland Creek	147.95	24	P	PKPbc	05 03 19.6	-0.6
Z38A	Jacksonville	147.98	29	P	PKPbc	05 03 20.1	-0.2
OXF	Oxford	148.06	19	ePKP2	PKPbc	05 03 19.3	-1.2
OXF	Oxford	148.06	19	ePKPbc	PKPbc	05 03 19.3	-1.2
Y43A	Makylaya and Ka	148.09	21	P	PKPbc	05 03 20.1	-0.5
832A	Faith Ranch, C	148.11	39	P	PKPbc	05 03 21.0	+0.2
436A	Wall Ranch, Ga	148.12	32	P	PKPbc	05 03 20.5	-0.2
X45A	UM Field Stati	148.15	19	P	PKPbc	05 03 19.4	-1.3
140A	Cam and Jess,	148.15	26	P	PKPbc	05 03 20.5	-0.2
337A	Centerville	148.16	30	P	PKPbc	05 03 21.0	+0.2
733A	Divot King Ran	148.22	38	P	PKPbc	05 03 20.7	-0.4
535A	Dale	148.27	34	P	PKPbc	05 03 20.9	-0.3
239A	Gary	148.28	28	P	PKPbc	05 03 20.9	-0.2
Z42A	Norrel Spur, H	148.28	23	P	PKPbc	05 03 20.7	-0.4
Y44A	Strider, Charl	148.30	20	P	PKPbc	05 03 20.4	-0.7
NATX	Nacogdoches	148.40	28	P	PKPbc	05 03 20.9	-0.5
NATX	Nacogdoches	148.40	28	ePKPbc	PKPbc	05 03 21.1	-0.4
NATX	Nacogdoches	148.40	28	ePKPbc	PKPbc	05 03 21.2	-0.5
338A	Crockett	148.42	30	P	PKPbc	05 03 21.1	-0.4
437A	Phantom Ranch,	148.42	31	P	PKPbc	05 03 21.0	-0.5
833A	Chaparral WMA,	148.44	39	P	PKPbc	05 03 21.8	+0.2
141A	Papa Simpson,	148.47	25	P	PKPbc	05 03 21.2	-0.4
536A	Barstrop	148.51	33	P	PKPbc	05 03 21.8	0.0
734A	La Parita Cree	148.58	37	P	PKPbc	05 03 21.9	-0.1
240A	Hunter Patters	148.58	27	P	PKPbc	05 03 21.5	-0.4
Y45A	Yeager Farm, C	148.62	19	P	PKPbc	05 03 21.2	-0.7
635A	Leesville	148.64	35	P	PKPbc	05 03 22.1	0.0
339A	Huntington	148.80	29	P	PKPbc	05 03 21.9	-0.6
Y46A	Houston	148.82	18	P	PKPbc	05 03 21.7	-0.8
438A	Sam Houston St	148.83	31	P	PKPbc	05 03 22.7	+0.1
Z44A	Pea Ridge, Bel	148.84	21	P	PKPbc	05 03 22.4	-0.2
636A	Smothers Creek	148.98	34	P	PKPbc	05 03 23.4	+0.4
143A	Socs Landing,	149.00	23	P	PKPbc	05 03 23.3	-0.6
735A	Kenby	149.02	36	P	PKPbc	05 03 23.7	+0.5
933A	Laredo	149.02	39	P	PKPbc	05 03 22.9	-0.3
340A	Gronson	149.05	28	P	PKPbc	05 03 22.9	-0.2
Y47A	UCPARC, Winif	149.10	17	P	PKPbc	05 03 21.8	-1.4
834A	Tilden	149.10	38	P	PKPbc	05 03 23.3	0.0
KMSC	Kings Mountain	149.17	6	P	PKPbc	05 03 22.6	-0.7
KMSC	Kings Mountain	149.17	6	ePKPbc	PKPbc	05 03 22.6	-0.7
KMSC	Kings Mountain	149.17	6	ePKPbc	PKPbc	05 03 22.9	+1.4
736A	Circle Diamond	149.37	35	P	PKPbc	05 03 24.5	+0.5
637A	Eagle Lake	149.41	33	P	PKPbc	05 03 24.7	+0.7
835A	Beaville	149.42	37	P	PKPbc	05 03 24.0	-0.1
Z46A	Louisville	149.43	19	P	PKPbc	05 03 23.6	-0.4
141A	Alexander Plac	149.43	22	P	PKPbc	05 03 23.6	-0.4
344A	Kirbywood	149.45	27	P	PKPbc	05 03 23.7	-0.4
440A	Kirbyville	149.57	29	P	PKPbc	05 03 24.0	-0.4
145A	Houston Renro	149.63	21	P	PKPbc	05 03 24.4	-0.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Morne La Croix, Pelee Case Pet, Grand Be, Fort de France, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NOA NORSAR Array B, GERES GERESS Array B, DAWY Dawson, etc.

SJA 09 05:39:58.5i.0.3.22:67S:69:49W, h69km, 3km, ML1.8, MW2.3
GUC 09 05:39:58.1i.0.4.22:83S:69:53W, h72km, 3km, ML3.5
ISCBJ 09 05:39:59.2i.0.9.22:84S:0:05:69:56W, 0:06, h69km, 10km,
Error ellipse: s-maj=9.2km s-min=8.0km az=141.5
ISC 09 05:40:00.3i.1.5.22:81S:0:05:69:59W, 0:05, h60km, 11km,
+0:1821/14, 20:30, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB06 IPOC Station P, LVC Limon Verde, LVC LVC, etc.

ISCBJ 09 05:55:17.1i.0.5.33:63N:0:07:89:53E, 0:07, h33km,
mb4.0/14, MS3.7/19, Error ellipse: s-maj=9.9km
s-min=7.8km az=14.1
IDC 09 05:55:21.6i.4.8.33:65N:89:60E, h61km, 45km, mb3.7/15,
mb1.3/9.19, mb1mx3.7/60, mbtmp4.0/19, ML3.3/3.5, MS3.7/22,
Ms1.3/7.22, ms1mx3.5/36, Error ellipse: s-maj=21.3km
s-min=13.9km az=33.0
BUJ 09 05:55:23.2i.3.72N:89:22E, h9km, Ms4.2/3, Ms7.4/0.3
ISC 09 05:55:19.2i.0.7.33:50N:0:10:88:47E, 0:08, h35km, n32,
+0:1122/12, mb4.0/14, MS3.7/19, 1.0, Kizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSA Lhasa, GTA Gaotai, GYA Guiyang, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, KURBB Kurchatov Arr, SONMG Songo Arr, etc.

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

ISCJ 09 06:01:02.0i.4.0.7.16:4S:0:2:177:3W, 0:1, h400km, mb3.5/6,
Error ellipse: s-maj=26.5km s-min=14.2km az=143.8
IDC 09 06:01:04.4i.2.2.16:20S:177:29W, h409km, 28km, mb3.2/6,
mb1.3/5.7, mb1mx3.2/26, mbtmp4.0/7, Error ellipse:
s-maj=52.4km s-min=14.7km az=149.0
ISC 09 06:01:03.2i.0.8.16:2S:0:2:177:3W, 0:2, h400km, n10,
+0:97/9, mb3.4/6, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamau, RAO Raoul Island, STKA Stephens Creek, etc.

DDA 09 06:23:32.0i.36:87N:35:45E, h32km, MD2.7
ISK 09 06:23:32.6i.36:97N:35:39E, h20km, MD2.4
ISCBJ 09 06:23:32.1i.0.4.36:89N:0:03:35:47E, 0:03, h27km, 4km,
Error ellipse: s-maj=5.2km s-min=4.0km az=2.7
CSEM 09 06:23:32.0i.2.9.32N:35:45E, h25km, 2km, MD2.7,
Error ellipse: s-maj=5.8km s-min=4.9km az=49.0
ISC 09 06:23:32.7i.0.9.36:90N:0:03:35:46E, 0:02, h30km, 7km,
n31, +0:74/47, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YURE YUREGIR, CEYT Ceyhan, KRTD Karatas-Adana, etc.

IDC 09 06:32:39.4i.8.3.36:25N:71:61E, h112km, 38km, mb3.4/4,
mb1.3/4.9, mb1mx3.2/50, mbtmp3.7/19, MS2.5/1, Ms1.2/5.1,
ms1mx2.1/28, Error ellipse: s-maj=117.3km s-min=29.1km
az=153.0
ISCBJ 09 06:32:48.0i.5.36:84N:0:04:71:61E, 0:06, h200km,
mb3.3/4, Error ellipse: s-maj=7.1km s-min=4.8km
az=147.7
NNC 09 06:32:53.2i.1.9.37:12N:71:32E, h181km, 15km, mb2.8,
mp3.8, Error ellipse: s-maj=7.2km s-min=9.3km
az=152.0
ISC 09 06:32:48.7i.0.7.36:79N:0:06:71:56E, 0:06, h200km, n24,
+0:80/34, mb3.4/4, 8C-6D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZET Dzherino, MNAS Manas, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res. Includes stations like BSO3, TK02, BSO4, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res. Includes stations like TMBL, AKUT, AKUT, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res. Includes stations like TWS1, baz=283, baz=283, etc.

IDC 09 09:12:23.8.1.2.55:32N.152:76W h0km, mb3.8/7, mb1.4/0.8, mb1mx3.7/48, mbtrn3.8/8, ML4.0/1, MS2.9/1, MS1.2.9/1, ms1mx2.3/39, Error ellipse: s-maj=2.5,1km s-min=2.0km az=20.0

IS/CJB 09 09:12:24.8.0.4.55:52N.0:03:152:45W.0.4, h33km, mb4.0/7, Error ellipse: s-maj=4.4km s-min=2.9km az=149.7

NEIC 09 09:12:24.6.0.3.55:50N.152:55W, h10km, ML3.6(AEIC), Error ellipse: s-maj=4.4km s-min=2.3km az=158.0

ISC 09 09:12:28.8.0.8.55:61N.0:07:152:50W.0:05, h35km, n110, c146/127, mb4.0/7, South of Alaska

NNC 09 09:29:45.0.6.4.37:38N.72:12E, h0km, mb3.5, mpv3.1, 2C-4D, Error ellipse: s-maj=51.8km s-min=24.9km az=153.0, Tajikistan

IS/CJB 09 09:32:22.3.0.5.24:51N.0:03:122:97E.0:02, h94km, 5km, Error ellipse: s-maj=5.2km s-min=2.4km az=172.2

JMA 09 09:32:22.0.0.1.24:53N.122:93E, h100km, 1km, M2.8

TAP 09 09:32:22.2.24:56N.122:96E, h98km, ML3.9, C

ISC 09 09:32:22.6.1.3.24:50N.0:04:122:96E.0:02, h96km, 8km, n55, c094/100, 5C-1D, Taiwan region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res. Includes stations like OHAK, OHAK, KODAK, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res. Includes stations like DZET, DZET, MNAS, etc.

SJA 09 09:37:47.7.0.4.33:19S.70:11W, h10km, ML2.6, MW3.0

GUC 09 09:37:52.9.0.4.32:93S.70:16W, h12km, ML2.3

ISC 09 09:37:52.8.1.6.32:97S.0:05:70:13W.0:05, h9km, 13km, n14, c157/23, 3C-1D, Chile-Argentina border region

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

ISK 09 09:42:22.4.1.0.37:52N.34:78E, h8km, ML2.3

ISC/JB 09 09:42:23.1.0.6.37:53N.0:03:34:80E.0:04, h10km, 7km, Error ellipse: s-maj=5.4km s-min=5.0km az=155.8

CSEM 09 09:42:23.1.0.2.37:53N.34:80E, h10km, ML2.3, Error ellipse: s-maj=3.6km s-min=3.2km az=140.0

DDA 09 09:42:23.3.1.0.37:53N.34:79E, h7km, M2.7

ISC 09 09:42:23.4.1.0.37:53N.0:03:34:78E.0:03, h15km, 10km, n16, c094/28, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GULE, AKO, KERG, DED, NIG, MERSIN, KOZT, KEBE, KEDE, HDMB.

ISK 09:48:49.5, 37.19N, 30.33E, h16km, ML2.0
ISCJB 09:48:50.7, 0.7, 37.16N, 0.05, 30.39E, 0.08, h19km, 8km, Error ellipse: s-maj=12.1km s-min=6.0km az=38.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KORT, ANTB, BCK, SUTC, ELL, GOLH, AKAS, HDMB.

ISC 09:59:53.5, 0.2, 64S, 138.56E, h0km, mb3.9/7, mb1.4/2.9, mb1mx3.9/2.4, mbtmp4.0/9, M4.5/2, MS2.2/2, M81.2/2.2, ms1mx2.1/2.28, Error ellipse: s-maj=29.3km s-min=18.9km az=95.0

ISCJB 09:10:00.0, 0.8, 0.5, 3.08S, 0.05, 138.81E, 0.04, h46km, mb4.4/14, Error ellipse: s-maj=7.8km s-min=4.8km az=151.1

DJA 09:10:00.0, 0.5, 0.7, 3.12S, 13.91E, h83km, 2.7km, M4.5/4, mb4.5/3, MLV4.5/4

NEIC 09:10:00.0, 8.1, 7.3, 0.8S, 138.67E, h56km, 12km, mb4.1/10, Error ellipse: s-maj=20.5km s-min=10.3km az=196.0

B/J 09:10:00.0, 10.2, 3.15S, 139.04E, h66km, mb4.77, mb5.0/3, ISC 09:10:00.0, 1.2, 0.6, 2.95S, 0.06, 138.78E, 0.04, h46km, n35, c294/46, mb4.1/14, Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GENI, JAY, FAKI, PMG, COEN, WRAB, FITZ, ASO1, AS31, ASAR, MBWA, STKA, COCO, RAO, HHC, SONM, WMQ, Urumqi.

Table with columns: WMO, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV, VVDA, MAW, ILAR, QSPA.

ISCJB 09:10:04.34, 6.0, 8, 38.69N, 0.06, 34.64E, h2km, 8km, Error ellipse: s-maj=14.1km s-min=4.9km az=44.7
CSEM 09:10:04.34, 8.0, 2, 38.71N, 34.63E, h2km, ML1.9, Error ellipse: s-maj=5.8km s-min=3.5km az=125.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AVNS, NIG, SERE, CICEK, CDAG, SULT, YUZ, YOZ, KULU, CORM, COAL.

CSEM 09:10:12:25.6, 38.58N, 39.56E, h7km, MD2.3
DDA 09:10:12:25.6, 38.58N, 39.56E, h7km, MD2.3, Turkey

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

ISCJB 09:10:28:15.6, 0.7, 34.43N, 0.02, 36.71E, 0.04, h6km, 5.5km, Error ellipse: s-maj=5.9km s-min=3.8km az=175.7
NSSC 09:10:28:15.6, 1.1, 1.1, 34.41N, 0.02, 36.69E, h2km, 3km, ML2.2

CSEM 09:10:28:15.7, 0.4, 34.42N, 36.69E, h8km, ML2.2, Error ellipse: s-maj=4.2km s-min=2.9km az=92.0

GRAL 09:10:28:15.3, 0.4, 34.55N, 36.80E, h15km, 999km, MD3.0
ISC 09:10:28:15.1, 1.1, 1.1, 34.43N, 0.02, 36.69E, 0.03, h6km, 10km, n27, c052/49, Jordan-Syria region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MARH, ROOS, HQW, BHL, TOT, RCY, DORL, ARNB, ZALF, BTCH, HHC, SONM, WMQ, YAYL.

Table with columns: YAYL, SALA, SALA, SALA, SALA, SALA, DRWC, DRWC, DRWC, DRWC, DRWC, DRWC, KUZU, KUZU, KUZU.

ISCJB 09:10:29:25.1, 0.7, 10.87N, 0.05, 61.97W, 0.04, h52km, 8km, Error ellipse: s-maj=9.3km s-min=5.6km az=156.6

TRN 09:10:29:25.5, 10.84N, 61.94W, h54km, MD2.8
FUNV 09:10:29:25.9, 10.96N, 61.98W, h26km, MW2.8
ISC 09:10:29:25.4, 1.3, 10.90N, 0.05, 61.99W, 0.04, h49km, 11km, n12, c156/20, Trinidad

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TCE, GUVI, TRN, GUNV, CRUV, GRGR, TOSP, RIOV, CUPI, LUEV, BAUV, BAUV.

ISCJB 09:10:39:59.8, 0.6, 39.80N, 0.03, 139.69E, 0.06, h15km, 7km, mb3.9/3, MS4.1/1, Error ellipse: s-maj=7.6km s-min=4.7km az=0.7

JMA 09:10:40:00.3, 39.81N, 139.75E, h14km, 1km, M3.4, Broadband fault plane solution: P waves. NP1: phi=211.00000, 882.00000, 1.166.00000, NP2: phi=304.00000, 876.00000, 1.9.00000. Principal axes: T P1g16.00000, Azm167.00000, N P1g73.00000, Azm2.00000; P P1g4.00000, Azm258.00000;

JMA Fell II.1, IDC 09:10:40:00.4, 1.2, 39.66N, 139.58E, h0km, mb3.7/3, mb1.3/8.6, mb1mx3.5/4.1, mbtmp3.5/6, ML2.7/3, MS3.3/2, MS1.3/3.2, ms1mx2.4/4.8, Error ellipse: s-maj=3.49km s-min=1.60km az=103.0

NIED 09:10:40:00.39, 80N, 139.70E, h5km, Mw3.6, Best double couple: M2.540000, 1014. NP1: phi=214.00000, 868.00000, 1.160.00000, NP2: phi=312.00000, 872.00000, 1.23.00000, ISC 09:10:40:00.5, 1.0, 39.79N, 0.03, 139.80E, 0.06, h8km, 7km, n18, c151/23, mb3.9/3, 5C-1D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JOG2, JYW, JYW, JTB, JTB, JRG, JAH, JAH, JIWA, JIWA, JYK, JYK, MAT, MAT, MJAR, MJAR, MJAR, USRK, KRSR, KRSR, H1N2, H1N1, H1N3, ILAR, WRA, FINES, RAR.

MEX 09:10:43:06.2, 0.4, 16.65N, 98.29W, h20km, 21km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PNIG, TLIG, VISTA, MEIG, CAIG, THIG, HUIG.

IDC 09:11:00:02.6, 15.0, 4.14S, 131.29E, h0km, mb3.9/2, mb1.3/8.5, mb1mx3.5/3.8, mbtmp3.6/5, ML3.3/3, Error ellipse: s-maj=222.7km s-min=67.8km az=156.0, Banda Sea

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

Table with columns: Station Name, Frequency, Azimuth, Elevation, and other parameters. Includes stations like FIAO, FINES, MORC, BRG, KECS, SECR, etc.

Table with columns: Station Name, Frequency, Azimuth, Elevation, and other parameters. Includes stations like MORC, BRG, KECS, SECR, etc.

Table with columns: Station Name, Frequency, Azimuth, Elevation, and other parameters. Includes stations like GDZ, EDZ, ESKT, etc.

IASPEI 09 11:20:10.8-1.0,39.06N-0.03-29.57E-0.03,h8km,6km, Error ellipse: s-maj=4.5km s-min=3.8km az=152.4,GT5 selection from ISC bulletin GT5 identified by Bond'jr and McLaughlin (2009) selection criteria Bond'jr and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, 80, 465-472, 2009

ISCJTB 09 11:20:10.5-0.6,39.04N-0.04-29.57E-0.05,h7km,5km, Error ellipse: s-maj=6.5km s-min=5.9km az=168.0, CSEM 09 11:20:10.6-0.1,39.05N-0.03-29.57E-0.02,h8km,MD2.8, Error ellipse: s-maj=2.8km s-min=2.1km az=157.0

ISK 09 11:20:10.2,39.06N-0.29,57E-0.02,h7km,ML2.4 DDA 09 11:20:10.6,39.04N-29.56E,h7km,MD2.8 ISC 09 11:20:10.8-0.9,39.06N-0.03-29.57E,0.02,h8km,5km,n43,c036/55,Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GDZ, EDZ, ESKT, etc.

IDC 09 11:23:06.5-7.8,16.66S-173.55W,h158km,63km, mb2.6/3,mb1 3.2/4,mb1mx3.0/35,mbtmp3.3/4, Error ellipse: s-maj=158.0km s-min=25.9km az=152.0,Tonga Islands

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

ISK 09 11:26:38.0,37.80N-38.85E,h5km,ML2.1 ISCJTB 09 11:26:40.5,0.9,37.14N-0.06-38.92E-0.07,h9km, Error ellipse: s-maj=6.8km s-min=6.9km az=33.6

CSEM 09 11:26:40.0,0.3,37.16N-38.98E,h2km,MD2.6, Error ellipse: s-maj=6.7km s-min=6.6km az=26.0 DDA 09 11:26:40.1,37.17N-38.97E,h7km,MD2.6 ISC 09 11:26:40.9-1.1,37.18N-0.04-38.94E-0.05,h9km,n12,c0575/18,Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like UFA, ARF, SURF, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like Muntele Rosu, ARCES, BURAR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like KHC, NKC, STKA, EIDS, BFO, WLF, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like AKKU, KEBE, YORU, etc.

WEL 09 12:14:34.9±0.6, 35.655±0.177, 17E, h12km, ML4.3/7, 2C-1D, Error ellipse: s-maj=4.9km s-min=4.4km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like MXZ, HAZ, RUGZ, etc.

MEX 09 12:17:27.6±0.4, 14.49N-92.84W, h50km, MD3.9, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like CCIG, Comitan.

BUJ 09 12:18:21.9±25.04N-98.70E, h11km, ML3.5/6, M3.5/2, M3.7/3.1, Myanmar-China border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like CD2, Chengdu, etc.

NIED 09 12:23:00.37±0.00N-141.40E, h5km, Mw3.8 Best double couple: M5.42000x10^14 NP2±30.00000, 839.00000, 1-76.00000, NP2±192.00000, 852.00000, 1-101.00000

ISCJB 09 12:23:02.3±1.6, 37.00N-0.03-141.45E±0.04, h15km, 10km, mb3.8/9, Error ellipse: s-maj=6.1km s-min=5.0km az=29.9

JMA 09 12:23:02.0±0.1, 37.02N-141.39E, h26km, 1km, M3.9 IDC 09 12:23:07.2±7.2, 36.97N-141.23E, h40km, 24km, mb3.6/9, mb1.3/8.14, mb1mx3.6/58, mbtmp3.8/14, ML3.4/5, MS2.7/2, Ms1.2/7.2, ms1mx2.4/39, Error ellipse: s-maj=22.3km s-min=15.4km az=100.0

ISC 09 12:23:02.2±1.8, 36.97N-141.38E±0.06, h3km, 10km, n29, ±0.94/34, mb3.9/9, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like ONAJ, Iwakimizuishi, etc.

Table with columns: Code, Station Name, Az, El, Pn, Pn, Time, Res. Includes stations like ABTA, LPG, LPL, FETA, SMRF, MYKA, ORIF, MOTA, WATA, DAVA, KBA, SOKA, MOA, HMF, HAU, CDF, SMF, SMF, KHC, MTLF, LOR, PAGF, SSF, CAF, BGF, RJF, EPF, ETSF.

IDC 09 14:00:31.4,2.2, 4.03S-152.39E, h10km, Ms3.6/3, mb1 3.5/3, mb1mx3.4/31, mbtmp3.2/3, Error ellipse: s-maj=191.2km s-min=27.7km az=126.0, New Britain region

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

NSSP 09 14:03:21.7, 41.38N-46.02E, h12km, Ms3.6
AZER 09 14:03:24.1, 0.0, 41.37N-46.14E, h14km, Error ellipse: s-maj=0.4km s-min=0.3km az=34.0
TIF 09 14:03:24.7, 41.44N-46.13E, h17km
MOS 09 14:03:25.1, 0.8, 41.42N-46.10E, h11km, mb4.3/1, Error ellipse: s-maj=0.9km s-min=4.8km az=109.7
CSEM 09 14:03:25.3, 0.1, 41.43N-46.15E, h10km, ML3.0, Error ellipse: s-maj=3.3km s-min=2.7km az=21.0
DDA 09 14:03:33.5, 41.61N-45.38E, h20km, M13.0
ISC 09 14:03:24.9, 1.0, 41.42N-0.01, 46.14E, h10km, 8km, n137, s19/09/243, 29C-25D, Eastern Caucasus

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like ZKTA, ZKTA, ZKTA, DGRG, DGRG, DGRG, QZXX, QZXX, QZXX.

Table with columns: GDB, GEDABAY, GDB, GEDABAY, GDB, GEDABAY, GANJ, Ganja, GANJ, Ganja, SEKA, Sheki, SEKA, Sheki, MNGR, Mingechevir, A, MNGR, Mingechevir, A, SEAG, Tbilisi Sea, SEAG, Tbilisi Sea, TBGL, Delisi, TBGL, Delisi, TBGL, Delisi, TBGL, Delisi, GNB, Gunib, GNB, Gunib, GNB, Gunib, AKHTY, Akhty, AKT, Akhty, DUS, Dusheti, DUS, Dusheti, VAD, Vardenis, VAD, Vardenis, KZR, Kazreti, ARK, Arakani, ARK, Arakani, URK, Urkarakh, URK, Urkarakh, QBL, Gabala, QBL, Gabala, STEZ, Stepanavan, BRD, Brda, BRD, Brda, BRD, Kasumkent, KSMR, Kasumkent, KSMR, KAR, Karanay, KRNR, Karanay, KRNR, Khinaliq, XNQ, Khinaliq, XNQ, XNQ, Buynaksk, BUJR, Buynaksk, BUJR, Qusar, Qusar, Qusar, GUD, Gudaury, GUD, Gudaury, GUD, ZRD, Zardab, ZRD, Zardab, ZRD, Zardab, ZRD, Zardab, GNI, Gani, GNI, Ismayilli, IML, Ismayilli, IML, IML, Dubki, IML, DBC, DBC, DBC, DLMR, Dylm, DLMR, DLMR, Dylm, DLMR, Dylm, DLRN, Derbent, DLRN, Derbent, DLRN, QUBA, Quba, Azerbaijan, QUBA, Quba, Azerbaijan, QUBA, Groznyy, GROC, Groznyy, KMGR, Komgamon, KMGR, Komgamon, KMGR, Bogdanovka, BGD, Bogdanovka, BGD, Bogdanovka

Table with columns: GDB, GEDABAY, GDB, GEDABAY, GDB, GEDABAY, GANJ, Ganja, GANJ, Ganja, SEKA, Sheki, SEKA, Sheki, MNGR, Mingechevir, A, MNGR, Mingechevir, A, SEAG, Tbilisi Sea, SEAG, Tbilisi Sea, TBGL, Delisi, TBGL, Delisi, TBGL, Delisi, TBGL, Delisi, GNB, Gunib, GNB, Gunib, GNB, Gunib, AKHTY, Akhty, AKT, Akhty, DUS, Dusheti, DUS, Dusheti, VAD, Vardenis, VAD, Vardenis, KZR, Kazreti, ARK, Arakani, ARK, Arakani, URK, Urkarakh, URK, Urkarakh, QBL, Gabala, QBL, Gabala, STEZ, Stepanavan, BRD, Brda, BRD, Brda, BRD, Kasumkent, KSMR, Kasumkent, KSMR, KAR, Karanay, KRNR, Karanay, KRNR, Khinaliq, XNQ, Khinaliq, XNQ, XNQ, Buynaksk, BUJR, Buynaksk, BUJR, Qusar, Qusar, Qusar, GUD, Gudaury, GUD, Gudaury, GUD, ZRD, Zardab, ZRD, Zardab, ZRD, Zardab, ZRD, Zardab, GNI, Gani, GNI, Ismayilli, IML, Ismayilli, IML, IML, Dubki, IML, DBC, DBC, DBC, DLMR, Dylm, DLMR, DLMR, Dylm, DLMR, Dylm, DLRN, Derbent, DLRN, Derbent, DLRN, QUBA, Quba, Azerbaijan, QUBA, Quba, Azerbaijan, QUBA, Groznyy, GROC, Groznyy, KMGR, Komgamon, KMGR, Komgamon, KMGR, Bogdanovka, BGD, Bogdanovka, BGD, Bogdanovka

Table with columns: BGD, GRS, Goris, BGD, GRS, Goris, VLKR, Vladikavkaz, VLKR, Vladikavkaz, VLKR, Lac, VLKR, Lac, PQL, Pirkuli, PQL, Pirkuli, PQL, Pirkuli, AKH, Akhalkalaki, AKH, Akhalkalaki, EAK, Akyaka, EAK, Akyaka, SIYZ, Siyzi, SIYZ, Siyzi, ZEI, Tsey, ZEI, Tsey, ATGJ, Alltighaj, ATGJ, Alltighaj, ARNR, Ardon, ARNR, Ardon, KORR, Kora, KORR, Kora, KORR, Nakhchivan, NAX, Nakhchivan, NAX, Nakhchivan, GBS, Gobustan, GBS, Gobustan, ONI, Oni, ONI, Oni, ONI, Oni, DIGR, Digorskoe uzhe, DIGR, Digorskoe uzhe, STDR, Stavd-Durt, STDR, Stavd-Durt, LNSR, Lesken, LNSR, Lesken, EPOS, Posof, EPOS, Posof, ALIB, Aumil-i-Bayra, ALIB, Aumil-i-Bayra, GLBA, Cillabad, GLBA, Cillabad, GLBA, Naichik, NCK, Naichik, ARTV, Artvin, ARTV, Artvin, DAGI, Agilar, DAGI, Agilar, LRK, Lerik, LRK, Lerik, LRK, Borcka, LRK, Borcka, DBOC, Borcka, DBOC, Borcka, LKRN, Lenkeran, Azer, LKRN, Lenkeran, Azer, LKRN, Lenkeran, Azer, PYA1, Pyatigorsk, PYA1, Pyatigorsk, ASTR, Astara, ASTR, Astara, ASTR, Kislodvsk, KIV, Kislodvsk, KIV, Kislodvsk, OBN, Obrinsk, OBN, Obrinsk, ARU, Arti, ARU, Arti, ARU, VYHS, Vyhne, ARU, Arti, VYHS, Vyhne

ISCJB 09 14:04:01.5, 0.4, 56.11S, 0.08, 27.1W, 0.1, h100km, mb4.8/22, Error ellipse: s-maj=12.6km s-min=7.1km az=23.6

BUI 09 14:04:02.6, 56.78S-27.54W, h108km, mb5.2/8
NEIC 09 14:04:04.9, 5.2, 56.13S-27.11W, h108km, mb5.0/17, Error ellipse: s-maj=11.9km s-min=7.2km az=217.0
IDC 09 14:04:04.9, 5.2, 56.13S-27.01W, h16km, mb4.4/9, mb1 4.4/10, mb1mx4.2/20, mbtmp4.7/10, MS3.6/5, Ms1 3.5/5, ms1mx3.2/17, Error ellipse: s-maj=22.2km s-min=15.2km az=39.0

ISC 09 14:04:03.1, 0.3, 56.11S, 0.10, 27.12W, 0.07, h100km, n93, Palmer Station, 1989 229 P, 14 07 59.7 -3.3

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like HOPE, SNAE, SNAE, EFI, PMSA, PMSA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Ichinoseki, Otama, Shirataka, Kaneyama, Ohasama, etc.

IDC 09 15:35:57.9±8.2,1'88S:68.1'11W, h115km, 77km, mb4.4/1, mb1.4/1.2, mb1mx3.4/16, mbtmp4.5/2, ML4.1/1, Error ellipse: s-maj=73.0km s-min=50.6km az=156.0

GUC 09 15:35:59.6±6.0,21'70S:68.6'06W, h141km, 4km, ML4.2

ISCJB 09 15:35:58.9±1.2,21'75S:0.0'66E, 68.7'W:0.1, h154km, 11km, mb4.5/1, Error ellipse: s-maj=22.0km s-min=6.6km

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

MOS 09 15:41:31.5±0.9, 13'82N:120'62E, h127km, mb4.6/24, Error ellipse: s-maj=12.6km s-min=6.6km az=110.3

IDC 09 15:41:32.6±0.5, 13'81N:120'70E, h125km, 5km, mb4.1/28, mb1.4/2/28, mb1mx4.0/48, mbtmp4.5/28, MS2.8/1, MS1.2/8/1, ms1mx2.4/32, Error ellipse: s-maj=13.9km s-min=9.1km az=83.0

ISCJB 09 15:41:33.6±0.4, 13'89N:0'02:120'71E:0'04, h141km, 3km, mb4.5/69, Error ellipse: s-maj=6.2km s-min=3.9km az=5.4

NEIC 09 15:41:33.9±0.5, 13'77N:120'62E, h136km, 4km, mb4.6/38, Error ellipse: s-maj=6.2km s-min=4.1km az=86.0

MAN 09 15:41:34.1, 13'96N:120'42E, h77km, MS4.5

BJI 09 15:41:35.4, 13'92N:120'74E, h161km, mb4.5/44, mb4.9/24

DJA 09 15:41:39.7±0.7, 14°N:4'12'E, h174km, 7km, M4.8/19, mb4.7/19, mb5.4/7, mw(mb)4.8/7, Mwp7.0/2

KLM 09 15:41:41.4, 13'53N:120'34E, h161km, mb4.7

ISC 09 15:41:34.2±0.4, 13'84N:0'04:120'65E:0'06, h135km, 4km, 1135km-p-P, n195, s160/217, mb4.6/69, 15C-16D, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tagaytay City, Puerto Galera, Luukban, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LSA Lhasa, USRK Ussuriysk Ar, FITZ Fitzroy Cross, etc.

9d 16h									
MCK	McKinley	77.89	27 eP	P	15 53 16.5	-0.4			
MCK	McKinley	77.89	27 eP	P	15 53 16.5	-0.4			
comp=Z,15nm,0.6s									
MCK McKinley 77.89 27 eP P 15 53 16.5 -0.4									
comp=Z,15nm,0.6s									
RND	Reindeer	77.97	27 eP	P	15 53 16.9	-0.5			
comp=Z,8.0nm,0.6s									
RND	Reindeer	77.97	27 eP	P	15 53 16.9	-0.5			
comp=Z,8.0nm,0.6s									
MDM	Mundy Dome	78.05	26 eP	P	15 53 17.8	0.0			
comp=Z,8.1nm,1.0s									
WRH	Wood River Hill	78.17	26 eP	P	15 53 18.1	-0.3			
comp=Z,19nm,1.8s									
CCB	Clear Creek Bu	78.27	26 eP	P	15 53 18.4	-0.5			
comp=Z,3.2nm,0.6s									
IL1	Eielson Array	78.65	26 eP	P	15 53 19.4	-1.6			
ILAR	Eielson Array	78.65	26 eP	P	15 53 20.0	-1.0			
comp=Z,0.7nm,0.4s,baz=272,slow=4.3,SNR=15									
ILB	Eielson Array	78.65	26 eP	P	15 53 19.7	-1.3			
HDA	Harding Lake	78.67	26 eP	P	15 53 20.1	-1.0			
comp=Z,5.5nm,0.4s									
DHY	Denali Highway	78.67	28 eP	P	15 53 21.0	-0.4			
comp=Z,6.1nm,0.8s									
SCM	Sheep Creek Mo	78.87	29 eP	P	15 53 22.6	+0.2			
comp=Z,17nm,1.4s									
SCM	Sheep Creek Mo	78.87	29 eP	P	15 53 22.6	+0.2			
comp=Z,17nm,1.4s									
ARCES	ARCES Array B	78.94	339 P	P	15 53 22.1	-0.4			
comp=Z,3.6nm,0.7s,baz=85,slow=7.0,SNR=20									
BR13	Keeskin Array B	79.03	308 eP	P	15 53 23.1	-0.7			
BRTR	Keeskin Array B	79.03	308 eP	P	15 53 23.4	-0.7			
comp=Z,2.9nm,0.8s,baz=144,slow=4.9,SNR=14									
DOT	Dot Lake	80.05	27 eP	P	15 53 28.7	0.0			
comp=Z,24nm,1.6s									
FINES	FINES Array B	80.14	331 P	P	15 53 28.2	-0.9			
comp=Z,6.5nm,0.8s,baz=67,slow=6.4,SNR=9.6									
FINES	FINES Array B	80.14	331 iP	P	15 53 28.6	-0.5			
KAGV	Malin Array B	80.32	320 P	P	15 53 28.6	-1.8			
comp=Z,0.9nm,0.4s,baz=66,slow=4.2,SNR=5.0									
KIEV	Kiev	80.33	320 eP	P	15 53 28.7	-1.7			
comp=Z,4.0nm,0.7s									
MENT	Mentasta	80.34	27 eP	P	15 53 30.4	+0.2			
comp=Z,16nm,1.8s									
EGAK	Eagle	81.06	25 eP	P	15 53 34.0	0.0			
comp=Z,6.1nm,0.6s									
DAWY	Dawson	81.97	26 eP	P	15 53 39.8	+0.9			
comp=Z,4.1nm,0.8s									
TESR	Tescani	82.81	316 iJP	P	15 53 43.3	-0.2			
VRI	Vrincioia	82.90	315 iJP	P	15 53 45.1	+1.1			
VRI	Vrincioia	82.90	315 iJP	P	15 53 45.1	+1.1			
INK	Inuvik	82.98	21 eP	P	15 53 43.8	-0.1			
comp=Z,7.0nm,0.8s									
INK	Inuvik	82.98	21 eP	P	15 53 43.8	-0.1			
comp=Z,6.8nm,0.8s									
MLR	Muntele Rosu	83.52	315 iJP	P	15 53 47.9	+0.6			
MLR	Muntele Rosu	83.52	315 iJP	P	15 53 47.9	+0.6			
MLR	Muntele Rosu	83.52	315 eP	P	15 53 47.1	-0.3			
comp=Z,6.1nm,0.8s									
BURAR	Bucovina Array	83.52	317 iJP	P	15 53 47.3	0.0			
BURAR	Bucovina Array	83.52	317 iJP	P	15 53 47.3	0.0			
BUR08	Bucovina Ar. S	83.53	317 eP	P	15 53 46.8	-0.5			
ARR	Arges	84.44	315 iJP	P	15 53 52.1	+0.1			
DRGR	Dracul	85.38	317 iJP	P	15 53 56.5	-0.1			
DRGR	Dracul	85.38	317 iJP	P	15 53 56.5	-0.1			
CRVS	Cervenica-Dubn	85.63	319 eP	P	15 53 58.2	+0.5			
CRVS	Cervenica-Dubn	85.63	319 eP	P	15 53 58.2	+0.5			
VTS	Vitosha	86.14	313 iJP	P	15 54 00.5	0.0			
VTS	Vitosha	86.14	313 iJP	P	15 54 00.5	0.0			
VTS	Vitosha	86.14	313 eP	P	15 53 59.6	-1.0			
comp=Z,3.7nm,0.6s									
SIRR	Siria	86.22	317 iJP	P	15 54 01.2	+0.5			
KECS	Kecevo	86.36	319 eP	P	15 54 01.0	-0.3			
comp=Z,3.0nm,0.7s									
KECS	Kecevo	86.36	319 eP	P	15 54 01.0	-0.3			
NB2	NORSAR Subarra	87.11	333 P	P	15 54 03.2	-1.6			
comp=Z,5.1nm,1.0s,baz=69,slow=4.8									
NLA	NORSAR Array B	87.11	333 eP	P	15 54 03.2	-1.6			
comp=Z,2.1nm,0.7s,baz=307,slow=4.8,SNR=4.2									
COLL	Collin	89.99	323 iJP	P	15 54 18.4	0.0			
COLL	Collin	89.99	323 iJP	P	15 54 18.4	0.0			
comp=Z,6.0nm,0.8s									
CLL	Collin	89.99	323 iJP	P	15 54 18.4	0.0			
comp=Z,6.0nm,0.8s									
GRES	GRESS Array B	90.49	321 P	P	15 54 20.4	-0.6			
comp=Z,1.1nm,0.8s,baz=29,slow=3.0,SNR=5.1									
YKA	Yellowknife Arr	92.67	22 eP	P	15 54 30.9	+0.3			
comp=Z,0.8nm,0.4s,baz=307,slow=4.5,SNR=5.9									
KEST	Kesra	98.56	310 P	P	15 54 56.5	-1.6			
comp=Z,3.2nm,0.5s,baz=105,slow=3.8,SNR=5.1									

ISCJB 09 15:46:29.8:0.5,36:12S:0:09:101.8W:0:1,h10km,
mb4.8/70,MS4.2/12, Error ellipse: s-maj=13.5km
s-min=10.7km az=36.2

ISCJ 09 15:46:30.2:0.9,35:98S:101.91W,h0km,mb4.5/9,
mb1 4.7/9,mb1mx4.3/31,mbtmp3.4/5,MS4.2/12,
Ms1 4.1/12,ms1mx4.0/20, Error ellipse: s-maj=24.6km
s-min=23.4km az=119.0

BUJ 09 15:46:31.5:36:10S:101.80W,h10km,mb5.0/5,Ms5.1/5,
Ms7 4.9/4

NEIC 09 15:46:31.7:0.3,36:08S:101.84W,h10km,mb4.9/63,
Error ellipse: s-maj=9.8km s-min=7.1km az=218.0

GCMT 09 15:46:31.7:0.2,36:18S:101.55W,h19km,1km,
MW5:0/100, Moment Tensor Solution. s43c50,
s100:c33: Duration: 0. Moment tensor: Scale 1016Nm;
M=1.0E+14; Mw=0.0E+12; Mw1 1.1E+12; Mw1.2E+12;
Mw=3.6E+10; Mw=0.7E+23; Best double couple
M=3.914000E+16 NP1=95.000000;889.000000;
lambda161.000000; NP2=81.860000;871.000000;lambda1.000000;
Principal axes: T 4.5610,Plg14.000000;Azm49.000000;N
-1.2850,Plg71.000000;Azm273.000000;P -3.2670,
Plg13.000000;Azm142.000000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 09 15:46:31.8:0.5,36:2S:0:1x101.7W:0:1,h10km,n112,
s=1508/103,mb4.9/70,MS4.1/12,1C,Southeast of Easter
Island

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC	h m s	ISC		
PLCA	Paso Flores	24.76	110 P	P	15 51 57.1	+3.5			
3.9nm,0.9s,baz=296,slow=8.3,SNR=3.6									
PLCA	Paso Flores	24.76	110 P	P	15 59 04.4				
comp=Z,445nm,20.5s,baz=294,slow=30									
LCO	Las Campanas	27.01	84 eP	P	15 52 14.2	0.0			
19nm,0.9s									
USHA	Ushuaia	29.48	140 LR	P	16 01 35.1				
comp=Z,4m,20.5s,baz=278,slow=30									
LVC	Limon Verde	31.45	74 P	P	15 52 53.1	-0.8			
44nm,0.9s,baz=253,slow=10,SNR=8.9									
LVC	Limon Verde	31.45	74 eP	P	16 02 15.9				
comp=Z,1um,19.3s,baz=246,slow=30									
LVC	Limon Verde	31.45	74 eP	P	15 52 53.9	0.0			
13nm,0.9s									
RKT	Rikitea	31.53	285 eLQ	LQ	15 59 49.0				
838nm,29.5s									
RKT	Rikitea	31.53	285 eLQ	LQ	16 01 10.8				
256nm,31.2s									
PB11	IPOC Station P	32.50	69 eP	P	15 53 02.2	+0.7			
24nm,1.0s									
LPAZ	La Paz	35.78	65 P	P	15 53 32.4	+0.5			
10nm,0.9s,baz=228,slow=8.3,SNR=12									
LPAZ	La Paz	35.78	65 eP	P	16 05 18.6				
comp=Z,96nm,18.7s,baz=222,slow=32									
LPAZ	La Paz	35.78	65 eP	P	15 53 32.5	+0.5			
13nm,0.8s									
ATAH	Atahualpa	35.91	42 P	P	15 53 33.5	+0.8			
7.5nm,0.7s,baz=173,slow=10,SNR=4.2									
CPUP	Villa Florida	38.91	88 LR	P	16 07 53.8				
comp=Z,132nm,20.1s,baz=232,slow=33									
SIV	San Ignacio	41.28	72 P	P	15 54 18.3	+0.8			
2.1nm,0.6s,baz=247,slow=11,SNR=5.5									
TBI	Tubi	42.98	274 eLR	LR	16 06 27.4				
422nm,27.5s									
TAOE	Nuku Hiva Isla	44.25	298 eS	S	16 01 18.0	+2.5			
80nm,25.4s									
TAOE	Nuku Hiva Isla	44.25	298 eS	S	16 07 19.3				
194nm,23.3s									
SAML	Samuel	44.25	62 eP	P	15 54 42.0	+0.4			

2011 AUG									
PPT2	Papeete2	46.02	281 eLQ	LQ	16 05 28.5				
15nm,1.3s									
PPT2	Papeete2 <td>46.02<td>281 eLQ<td>LQ<td>16 05 28.5</td><td></td><td></td><td></td><td></td></td></td></td>	46.02 <td>281 eLQ<td>LQ<td>16 05 28.5</td><td></td><td></td><td></td><td></td></td></td>	281 eLQ <td>LQ<td>16 05 28.5</td><td></td><td></td><td></td><td></td></td>	LQ <td>16 05 28.5</td> <td></td> <td></td> <td></td> <td></td>	16 05 28.5				
330nm,24.0s									
PPT2	Papeete2 <td>46.02<td>281 eLR<td>LR<td>16 07 44.4</td><td></td><td></td><td></td><td></td></td></td></td>	46.02 <td>281 eLR<td>LR<td>16 07 44.4</td><td></td><td></td><td></td><td></td></td></td>	281 eLR <td>LR<td>16 07 44.4</td><td></td><td></td><td></td><td></td></td>	LR <td>16 07 44.4</td> <td></td> <td></td> <td></td> <td></td>	16 07 44.4				
244nm,25.0s									
ROSC	Ei Rosal	48.18	38 LR	LR <td>16 12 55.2</td> <td></td> <td></td> <td></td> <td></td>	16 12 55.2				
comp=Z,229nm,19.8s,baz=233,slow=33									
RUSC	La Rusia	49.70	39 eP	P	15 55 25.8	+1.1			
23nm,0.8s									
PTGA	Pitinga	52.32	57 eP	P	15 55 44.3	+0.4			
7.4nm,1.3s									
SBA	Scott Base	55.29	195 eP	P	15 56 05.2	+0.4			
17nm,1.5s									
VNDA	Vandenberg	56.39	195 P	P	15 56 13.8	+1.1			
0.9nm,0.6s,baz=94,slow=6.7,SNR=12									
VNDA	Vandenberg	56.39	195 LR	LR <td>16 15 58.2</td> <td></td> <td></td> <td></td> <td></td>	16 15 58.2				
comp=Z,113nm,18.9s,baz=102,slow=31									
TX31	Lajitas Arr	65.17	358 eP	P	15 57 12.3	-0.7			
TXAR	Lajitas Arr	65.17	358 P	P	15 57 12.6	-0.4			
1.8nm,0.7s,baz=185,slow=9.0,SNR=23									
TXAR	Lajitas Arr	65.17	358 LR	LR <td>16 20 39.5</td> <td></td> <td></td> <td></td> <td></td>	16 20 39.5				
comp=Z,131nm,19.2s,baz=0.0,slow=32									
JCT	Junction City	66.31	2 eP	P	15 57 19.7	-0.6			
9.9nm,0.8s									
MNTX	Cornudas Mount	67.58	357 eP	P	15 57 26.9	-1.5			
4.5nm,1.0s									
NATX	Nacogdoches	67.88	6 eP	P	15 57 29.9	-0.3			
ABTX	Abilene, Hawle	68.45	2 eP	P	15 57 32.1	-1.7			
11nm,1.1s									
TUC	Tucson	68.64	352 eP	P	15 57 33.4	-1.6			
11nm,1.4s									
MSTX	Muleshoe	69.77	359 eP	P	15 57 40.6	-1.5			
6.3nm,0.7s									
LAZ	Ladron	70.38	355 eP	P	15 57 44.6	-1.4			
WMOK	Wichita Mounta	70.58	3 eP	P	15 57 45.4	-1.6			
4.3nm,1.0s									
AMTX	Amxtol	70.67	0 eP	P	15 57 46.8	-0.8			
15nm,1.0s									
X18A	Snoflake	70.74	353 eP	P	15 57 47.9	-0.2			
56nm,1.6s									
X16A	Lo Mia Camp, P	70.79	351 eP	P	15 57 48.5	0.0			
14nm,1.6s									
ANMO	Albuquerque	70.87	356 eP	P	15 57 48.8	-0.2			
11nm,1.5s									
SYO	Syowa Base	71.32	166i eP	P	15 57 49.4	-1.7			
WHAR	Woody Hollow	71.62	8 eP	P	15 57 53.5	+0.3			
36nm,1.7s									
WUAZ	Wupatki	71.87	352 eP	P	15 57 54.0	-0.9			
19nm,1.5s									
ALPC	Antelope	72.16	346 eP	P	15 57 54.4	-2.2			
GSC	Golden Gate Bar	72.17	347 eP	P	15 57 58.3	-0.1			
20nm,0.4s									
U15A	North Rim	72.88	351 eP	P	15 58 01.1	0.0			
15nm,0.3s									
T25A	Trinidad	72.97	358 eP	P	15 58 01.4	-0.1			
44nm,2.0s									
MVCO	Mesa Verde	73.27	354 eP	P	15 58 03.1	-0.2			
13nm,0.6s									
SHPR	Sheep Range	73.36	349 eP	P	15 58 04.0	+0.2			
14nm,0.4s									
KNB	Kanab	73.53	351 eP	P	15 58 04.7	-0.1			
14nm,0.4s									
LCMT	Little Creek M	73.58	350 eP	P	15 58 05.5	+0.5			
14nm,0.4s									
SDCO	Great Sand Dun	73.61	357 eP	P	15 58 04.9	-0.5			
4.9nm,1.0s									
S22A	Jurr Ranch, Cre	73.68	356 eP	P	15 58 04.7	-1.1			
33nm,1.8s									
TPNV	Topnotch Spring	73.97	348 eP	P	15 58 07.1	-0.3			
22nm,0.4s									
CCUT	Cedar City	74.13	350 eP	P	15 58 08.2	+0.1			
8.2nm,1.0s									
SZCU	Shurtz Canyon	74.13	351 eP	P	15				

Table with 4 columns: SAHE, SAHE, SAHE, SAHE. Values include station names, coordinates, and times.

NIED 09 17:50:00, 38.90N, 144.20E, h5km, Mw3.7 Best double couple: M3.73000x10^14 N P1.3x17.00000, S43.00000, L-69.00000, NP2.9x16.00000, S52.00000, L-11.00000.

ISCJB 09 17:50:36.5, 0.8, 38.88N, 0.05, 144.26E, 0.06, h23km, mb3.6/4, MS3.2/1, Error ellipse: s-maj=7.8km s-min=6.1km az=37.5

JMA 09 17:50:39.2, 0.1, 38.90N, 144.16E, h45km, M3.9 IDC 09 17:50:41.1, 1.1, 37.91N, 144.11E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/38, mbtmp3.5/5, ML3.5/1, MS2.7/3, Ms1 2.7/3, ms1mx2.4/39, Error ellipse: s-maj=32.4km s-min=24.5km az=116.0

ISC 09 17:50:37.3, 1.3, 38.92N, 0.06, 144.33E, 0.08, h23km, n19, r130/25, mb3.7/4, Off east coast of Honshu

Table with 10 columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like MIYJ, OFUJ, JTH, JOM, JMK, etc.

ISK 09 18:15:08.9, 37.38N, 36.25E, h4km, MD2.2 CSEM 09 18:15:09.7, 0.2, 37.37N, 36.25E, h5km, MD2.6, Error ellipse: s-maj=5.6km s-min=4.5km az=1.0

DDA 09 18:15:09.5, 37.35N, 36.28E, h7km, Md2.6 ISC 09 18:15:09.8, 1.1, 37.35N, 0.03, 36.25E, 0.03, h8km, n11km, n14, r0927/26, Turkey

Table with 10 columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like ANDN, KOZT, KAMA, HCB, etc.

ISK 09 18:22:13.8, 37.52N, 38.70E, h7km, ML2.9 ISCJB 09 18:22:14.5, 0.5, 37.51N, 0.03, 38.70E, 0.02, h8km, 3km, Error ellipse: s-maj=4.8km s-min=2.9km az=163.2

CSEM 09 18:22:14.7, 0.1, 37.50N, 38.72E, h8km, ML2.9, Error ellipse: s-maj=4.6km s-min=3.5km az=160.0 DDA 09 18:22:14.2, 37.55N, 38.62E, h2km, M3.5 NSSC 09 18:22:19.5, 1.4, 36.66N, 38.68E, h0km, 6km, ML2.7

ISC 09 18:22:14.5, 0.8, 37.45N, 0.02, 38.71E, 0.02, h11km, 5km, n76, r1524/110, Turkey

Table with 10 columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like URFA, ATAB, SURC, GAZ, etc.

Table with 4 columns: KSRV, KSRV, KSRV, KSRV. Values include station names, coordinates, and times.

Table with 4 columns: KSRV, KAMA, KAMA, CUGUR, etc. Values include station names, coordinates, and times.

Table with 4 columns: DRWC, DRWC, DRWC, DRWC. Values include station names, coordinates, and times.

Table with 4 columns: ANDN, ANDN, ANDN, ANFA, etc. Values include station names, coordinates, and times.

Table with 4 columns: TAHT, TAHT, BTCH, BTCH. Values include station names, coordinates, and times.

Table with 4 columns: BTCH, BTCH, BTCH, BTCH. Values include station names, coordinates, and times.

Table with 4 columns: KOZT, KOZT, YEDI, YEDI, etc. Values include station names, coordinates, and times.

Table with 4 columns: ARNB, ARNB, ARNB, ARNB. Values include station names, coordinates, and times.

Table with 4 columns: YAHY, YAHY, YAHY, YAHY. Values include station names, coordinates, and times.

Table with 4 columns: MARH, MARH, MARH, MARH. Values include station names, coordinates, and times.

Table with 4 columns: MARH, MARH, MARH, MARH. Values include station names, coordinates, and times.

Table with 4 columns: MARH, MARH, MARH, MARH. Values include station names, coordinates, and times.

Table with 4 columns: IXC, IXC, IXC, IXC. Values include station names, coordinates, and times.

Table with 4 columns: RTR, RTR, RTR, RTR. Values include station names, coordinates, and times.

Table with 4 columns: SBL, SBL, SBL, SBL. Values include station names, coordinates, and times.

Table with 4 columns: LFRS, LFRS, LFRS, LFRS. Values include station names, coordinates, and times.

Table with 4 columns: CMIG, CMIG, CMIG, CMIG. Values include station names, coordinates, and times.

Table with 4 columns: TXAR, TXAR, TXAR, TXAR. Values include station names, coordinates, and times.

Table with 4 columns: ILAR, ILAR, ILAR, ILAR. Values include station names, coordinates, and times.

NIED 09 18:25:00, 38.60N, 144.20E, h5km, Mw3.7 Best double couple: M3.44000x10^14 N P1.3x42.00000, S18.00000, L-11.00000.

Table with 4 columns: JMA, JMA, JMA, JMA. Values include station names, coordinates, and times.

Table with 10 columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like OFUJ, MIYJ, JIO, etc.

ISCJB 09 18:25:47.5, 0.4, 51.48N, 0.02, 16E, 0.02, h0km, Error ellipse: s-maj=3.4km s-min=2.1km az=8.7

CSEM 09 18:25:48.3, 0.2, 51.56N, 16.15E, h2km, ML3.5/18, MS3.2, Error ellipse: s-maj=4.4km s-min=2.8km az=8.0

WAR 09 18:25:49.7, 51.53N, 16.16E, h1km, Mw2.8 BGR 09 18:25:49.4, 0.8, 51.48N, 16.14E, h1km, ML3.0/9, Error ellipse: s-maj=11.1km s-min=4.4km az=26.0

VIE 09 18:25:50.8, 0.7, 51.43N, 16.01E, h0km, mb2.6/10, ML2.8/11, MS3.2/2, Error ellipse: s-maj=7.0km s-min=4.9km az=29.0, Suspected Mining induced

IDC 09 18:25:50.4, 1.1, 51.47N, 16.04E, h0km, mb1 3.4/5, mb1mx3.2/47, mbtmp3.3/5, ML3.0/5, Error ellipse: s-maj=16.0km s-min=9.2km az=128.0

Table with 10 columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Lists stations like KSP, KSP, KSP, KSP, etc.

Table with 10 columns: DPC, DPC, DPC, DPC. Values include station names, coordinates, and times.

Table with 10 columns: PVCC, PVCC, PVCC, PVCC. Values include station names, coordinates, and times.

Table with 10 columns: BRG, BRG, BRG, BRG. Values include station names, coordinates, and times.

Table with 10 columns: KRLC, KRLC, KRLC, KRLC. Values include station names, coordinates, and times.

Table with 10 columns: PRA, PRA, PRA, PRA. Values include station names, coordinates, and times.

Table with 10 columns: GOPC, GOPC, GOPC, GOPC. Values include station names, coordinates, and times.

Table with 10 columns: PRU, PRU, PRU, PRU. Values include station names, coordinates, and times.

Table with 10 columns: CLR, CLR, CLR, CLR. Values include station names, coordinates, and times.

Table with 10 columns: RAC, RAC, RAC, RAC. Values include station names, coordinates, and times.

Table with 10 columns: MORC, MORC, MORC, MORC. Values include station names, coordinates, and times.

Table with 10 columns: WERD, WERD, WERD, WERD. Values include station names, coordinates, and times.

Table with 10 columns: OJC, OJC, OJC, OJC. Values include station names, coordinates, and times.

Table with 10 columns: KHC, KHC, KHC, KHC. Values include station names, coordinates, and times.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like WSWAR, ITEG, UMR, GEYT, etc.

NIED 09 19:35:00.36:30N:141:50E, h5km, Mv4.2 Best double couple: M2.52000x1015 NP1x151.00000; 829.00000, lambda-174.00000. NP2x56.00000; 887.00000, lambda-61.00000.

BUIJ 09 19:35:28.8, 36:07N:141:42E, h21km, mb4.5/46, mB4.9/32, Ms4.1/26, Ms7.4/0/25

JMA 09 19:35:30.9-0.1, 36:20N:141:37E, h48km, 3km, M4.5 JMA Feit II J1.

ISC/JB 09 19:35:31.7-0.6, 36:18N:0:02:141:30E:0.03, h29km, 4km, s-min=3.6km az=145.

NEIC 09 19:35:31.9, 1.6, 36:17N:141:27E, h18km, 10km, mb4.8/94, Error ellipse: s-maj=4.1km s-min=2.9km az=129.0

NEIC Feit at Mito and Tsukuba. Recorded (2 JMA) in Ibaraki.

MOS 09 19:35:33.7-1.0, 36:59N:141:18E, h29km, mb5.0/45, Error ellipse: s-maj=7.7km s-min=5.1km az=103.1

IDC 09 19:35:34.5-0.7, 36:21N:141:24E, h36km, 4km, mb4.2/26, mb1.4/3/1, mb1mx4.2/59, mbmp4.4/31, ML3.6/5, MS3.3/9, Ms1.3/3/9, ms1mx3.0/37, Error ellipse: s-maj=14.3km s-min=11.5km az=104.0

ISC 09 19:35:32.8-0.5, 36:23N:0:03:141:31E:0.04, h25km, 3km, n345, e137/373, mb4.8/156, MS3.7/13, 14C-17D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like CHOU, JHO, JHT, etc.

Main table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like JUNU, CBJJ, KUR, etc.

Main table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like GUYA, CD2, etc.

2011 AUG

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like 9D 19h, BRW, KTH, SOEI, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like ASAR, SPB1, SPA1, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like VRI, TIRR, BR101, etc.

NEIC 09 19:45:17.7a:0.3,44:33N:100:38W, h5km, MN3.3, Error ellipse: s-maj=5.0km s-min=3.7km az=190.0
NEIC Felt [III] at Fort Pierre and Pierre and [II] at Murdo. Also felt at Aberdeen, Blunt, Bonesteel and Fort Thompson.
IDC 09 19:45:18.7:1.0,44:45N:100:79W, h0km, mb1 3.8/4, mb1mx3.5/46, mbtmp3.5/4, ML4.0/3, Error ellipse: s-maj=16.7km s-min=9.6km az=137.0
ISC 09 19:45:18.0:1.0,44:29N:102:100:38W:0:02, h14km, 7km, n298, -292/324, South Dakota

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like SFIN Lafayette, PBMO Poplar Bluff, S44A Carbondale, X39A Fountain Ranch, V42A Cord, X301 Greenbrier Sit, WHAR Woolly Hollow, W41B Gary Mavity, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, M34A Collier Ranch, Z35A Perchaven, San, X40A Basin Creek Fa, ABTX Ahlne, Hawke, 134A White-Moore Ra, NEW Newport, 233A Rising Star, 234A Clairette, WHTX Lake Whitney, WHTX Lake Whitney, WWT Waverly, WVT Waverly, 334A Lometa, 433A Art, 434A Burnet, 434T Paterson 2, LTX Lajitas, LTX Lajitas, SADO Sadowa, TXAR Lajitas Array, TXAR Lajitas Array, TIN Tinemah Big, TKL Tuckaleechee C, TKL Tuckaleechee C, TKL Tuckaleechee C, TKL Tuckaleechee C, CLC China Lake, WSHM Spangler Hills, WSHM Spangler Hills, WSHM Spangler Hills, BABE Bainbridge Sch, PFO Pinyon Flats O, WESC Westside Schoo, WDC Westside Schoo, WDC Westside Schoo, OFR Olym-F Res Ctr, BAR Barrett, NMTM Middletown, GRMT Round Top Moun, RPV Rancho Palos V, YKA Yellowknife Arr, YKBS Yellowknife Arr.

NIED 09 19:56:00, 25.40N, 143.10E, h8km, Mw3.9 Best double couple: M7.050000*1014 NP130.420000*812.120000*... 1.710000*1014 NP20.198000*829.000000*1.780000*... 1.150000*1014 NP25.331422E, h35km, mb3.6/7, mb1 3.7/8, mb1mx3.4/38, mbtmp3.8/8, ML3.5/1, MS2.6/1, Ms1 2.6/1, ms1mx2.2/34, Error ellipse: s-maj=103.8km s-min=23.2km az=82.0, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like MJAR Matsushiro Arr, KSR5 Kuro Army, USRK Ussuriysk Arr, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, KLR Kul'dur, SONM Songoing Array, WRA Warramunga Arr, BVAR Borovoye Array, FINES FINESS Array B, NOA NORSAR Array B.

ISK 09 20:01:37.6, 39.41N, 40.50E, h8km, ML2.4 CSEM 09 20:01:38.2, 0.2, 39.35N, 40.56E, h2km, ML2.4, Error ellipse: s-maj=5.6km s-min=4.5km az=149.0 DDA 09 20:01:38.2, 39.43N, 40.55E, h5km, Md2.9 ISC 09 20:01:38.4, 0.9, 39.39N, 0.02, 40.54E, 0.02, h3km, 6km, n46, 6, 182371, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like YEDI Yedisu-Bingol, YEDI Yedisu-Bingol, YEDI Yedisu-Bingol, ECAT Cat-ERZURUM, ECAT Cat-ERZURUM, ECAT Cat-ERZURUM, BNGB Bing'li, BINT Bingol, KOPT Kop Dagi, KOPT Kop Dagi, BNGT BINGOL, BNGL BINGOL, EUZM Uzumlu, EUZM Uzumlu, EUZM Uzumlu, EUZM Erzurum, TNCL Tunceli-Merkez, TNCL Tunceli-Merkez, TNCL Tunceli-Merkez, PTK Pertek, PTK Pertek, EKAR Karacaban, EKAR Karacaban, EKAR Karacaban, KELT Kelkit.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like KELT Kelkit, KELT Kelkit, KELT Kelkit, REFA Refahiye_ERZ', REFA Refahiye_ERZ', REFA Refahiye_ERZ', DYBB Diyarbakir, DIY Diyarbakir, ILIC ilic-Erzincan, ILIC ilic-Erzincan, KEMA Kemaliye, KEMA Kemaliye, KEMA Kemaliye, SENK Senkaya-Erzuru, AGRB Hanur-Agry, AGRB Hanur-Agry, MAZI Mazidag, MAZI Mazidag, SUSE Susehri, SUSE Susehri, DAGI Agillar, ESPY Espiye-Giresun, ESPY Espiye-Giresun, ARTV Artvin, ARTV Artvin, CUZAR Zara_SIVAS, CUZAR Zara_SIVAS, CUKAN kangal_SIVAS, CUKAN kangal_SIVAS, DARE Darendale-Malaty, DARE Darendale-Malaty.

NIED 09 20:26:00, 37.50N, 141.90E, h5km, Mw3.4 Best double couple: M6.129000*1014 NP130.1750000*828.00000*... 1.6400000*... NP20.6300000*879.00000*...

JMA 09 20:28:05.3, 0.2, 37.46N, 141.92E, h22km, 2km, M3.7, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like JFK Kawauchi, JFK Kawauchi, ONAJ Iwakimizuishiy, ONAJ Iwakimizuishiy, JMM Marumori, JMM Marumori, JIO Ouri, JIO Ouri, JFT Otama, JFT Otama, JFU Okura, JFU Okura, JOU Hitachi, JOU Hitachi, JMK Ichinoseki, JMK Ichinoseki, JYS Shirataka, JYS Shirataka, JFY Yanaizu, JFY Yanaizu, JRG Kanyama, JRG Kanyama, JRG Rokugo, JRG Rokugo, MAT Matsushiro, MAT Matsushiro.

ISCJB 09 20:31:41.9, 0.3, 8.80S, 0.07, 157.57E, 0.06, h16km, mb4.5/29, MS3.1/3, Error ellipse: s-maj=10.4km s-min=7.8km az=155.6

BUI 09 20:31:41.2, 8.80S, 157.60E, h14km, mb4.6/8, mb5.0/6, Ms4.7/1, Ms7.4/31

ISC 09 20:31:41.2, 0.9, 8.65S, 157.68E, h0km, mb4.0/8, mb1 4.2/10, mb1mx4.0/33, mbtmp4.0/10, ML4.1/2, MS3.2/5, Ms1 3.1/5, ms1mx2.8/28, Error ellipse: s-maj=24.2km s-min=21.2km az=136.0

NEIC 09 20:31:46.1, 0.3, 8.91S, 157.63E, h35km, mb4.7/23, Error ellipse: s-maj=10.4km s-min=8.1km az=147.0

ISC 09 20:31:43.5, 0.5, 8.74S, 0.09, 157.60E, 0.06, h16km, n49, s157/53, mb4.6/29, MS3.1/3, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like HNR Honiara, HNR Honiara, HNR Honiara, PMG Port Moresby, COEN Coen, CTA Charters Tower, CTA Charters Tower, WRAB Warramunga Arr, WR1 Warramunga Arr, WR1 Warramunga Arr, WR1 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, MTN Manton Dam, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, BKB Black Stamp Fm, LUWI Luwik, THZ Tophouse, RPZ Rata Peaks, CBJ Chichi Jima, MYLMD Lahad Datu, JAGI Jajag, Banyuwa, KSM Kuching, CISI Cisomet, Garu, CM01 Chiang Mai Arr, CM01 Chiang Mai Arr, VMDA Vanda, VMDA Vanda, SONAO Songoing Array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like SONM Songoing Array, SONA1 Songoing Array, TTA Tatalina, TTA Tatalina, GSPA South Pole Qui, CAST Castle Rocks, TRF Thorofane Moun, MCK McKinley, ILI Eielson Array, ILAR Eielson Array, ILB Eielson Array, DOT Dot Lake, EGAK Eagle, MK01 Makanchi Array, KSH Kashi, KSH Kashi, KSH Kashi, KSH Kashi, RPV Rancho Palos V, VGB Virginia Butte, R11A Troy Canyon, ARUT Antelope Range.

GUC 09 20:32:31.9, 0.6, 24.24S, 67.59W, h207km, 27km, ML4.0, 4C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like PB06 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P, PB14 IPOC Station P, PB14 IPOC Station P, PB10 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P.

IDC 09 20:36:47.8, 1.8, 3.28S, 141.52E, h0km, mb3.4/2, mb1 3.8/3, mb1mx3.4/28, mbtmp3.5/3, ML3.6/1, Error ellipse: s-maj=37.2km s-min=19.9km az=63.0, Guana

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like JAY Jayapura, WRA Warramunga Arr, ASAR Alice Springs, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, ILAR Eielson Array.

IDC 09 20:48:25.2, 2.6, 14.06N, 90.24W, h0km, mb3.6/2, mb1 3.9/5, mb1mx3.6/35, mbtmp3.6/5, ML3.6/3, MS3.0/3, Ms1 3.0/3, ms1mx2.7/25, Error ellipse: s-maj=89.3km s-min=25.6km az=31.0, Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like CMIG Matias Romero, CMIG Matias Romero, CMIG Matias Romero, CMIG Matias Romero, TXAR Lajitas Array, SDV Santo Domingo, LPJG La Paz, SJG San Juan, YKA Yellowknife Arr, ILAR Eielson Array, WRA Warramunga Arr.

ISCJB 09 20:57:07.4, 0.9, 7.8S, 0.1, 157.51E, 0.08, h33km, mb4.0/6, Error ellipse: s-maj=22.0km s-min=8.4km az=23.8

NEIC 09 20:57:08.4, 0.9, 7.81S, 157.67E, h35km, mb4.3/4, Error ellipse: s-maj=17.2km s-min=11.7km az=210.0

IDC 09 20:57:08.4, 2.1, 8.48S, 157.55E, h0km, mb3.8/3, mb1 3.9/4, mb1mx3.5/35, mbtmp3.8/4, ML3.7/1, Error ellipse: s-maj=62.8km s-min=30.3km az=175.0

ISC 09 20:57:09.7, 1.2, 7.8S, 0.2, 157.6E, 0.1, h35km, n11, az238/14, mb4.1/6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like HNR Honiara, HNR Honiara, HNR Honiara, HNR Honiara, HNR Honiara, WR1 Warramunga Arr, WR1 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, YULB Yuli, NACB Ninganchiao.

IDC 09 21:08:57.4.2.4.37.99N:142.38E, h0km, mb3.5/3, mb1 3.5/4, mb1mx3.4/9, mbtmpr3.3/4, ML2.8/1, MS2.1/1, Ms1 2.1/1, ms1mx1.9/25, Error ellipse: s-maj=64.3km s-min=31.0km az=62.0

JMA 09 21:08:57.5.3.70.70N:141.71E, h48km, mb2km, M3.4

ISC 09 21:08:53.0.2.0.37.67N:0.05:141.86E, 0.08, h14km, n22, c1567/27, mb3.7/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFK Kawachi, JMK Marumori, JMM Ouri, etc.

IDC 09 21:03:01.2.5.4.37.81N:74.23E, h155km, mb3.4/8, mb1 3.4/12, mb1mx3.2/49, mbtmpr3.8/12, MS3.5/1, Ms1 3.5/1, ms1mx2.3/27, Error ellipse: s-maj=50.7km s-min=24.7km az=150.0

ISCJB 09 21:03:02.1.0.5.38.08N:104.73E, 0.09, h152km, mb3.6/9, Error ellipse: s-maj=10.7km s-min=5.0km az=158.8

BJI 09 21:03:06.5.38.20N:74.24E, h178km, mb3.9/1

NNC 09 21:03:08.5.4.1.38.57N:73.64E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=30.3km s-min=22.4km az=3.0

ISC 09 21:03:02.6.0.7.38.07N:107.74E, 0.07, h152km, n27, c2504/31, mb3.6/8, 7C-3D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSH Kashi, AAK A-Archa, AAK A-Archa, etc.

MEX 09 21:08:37.4.0.3.17.13N:100.20W, h43km, mb3.5km, MD3.7, Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAIG El Cayaco, ACP2 Acapulco, etc.

IDC 09 21:27:19.4.13.0.52.03N:179.09W, h0km, mb3.6/5, mb1 4.0/5, mb1mx3.6/34, mbtmpr3.6/5, Error ellipse:

s-maj=258.1km s-min=56.0km az=80.0

ISCJB 09 21:27:53.6.0.6.52.8N:0.2:176.8W, 0.1, h225km, 11km, mb3.4/4, Error ellipse: s-maj=39.3km s-min=12.1km az=168.8

NEIC 09 21:27:55.7.52.35N:176.65W, h231km, MG3.1(AEIC), After AEIC

ISC 09 21:27:54.5.1.0.52.7N:0.3:176.87W, 0.10, h222km, 14km, n20, c0589/25, mb3.5/4, Andean/O Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ADAG Mount Adagdak, GSTD Great Sitkin T, etc.

IDC 09 21:30:46.6.1.2.52.06N:175.44E, h0km, mb3.6/5, mb1 4.0/5, mb1mx3.5/34, mbtmpr3.6/5, Error ellipse: s-maj=83.3km s-min=20.9km az=162.0

ISCJB 09 21:31:19.6.1.1.51.8N:0.1:177.13W, 0.06, h12km, 6km, mb3.3/2, Error ellipse: s-maj=20.9km s-min=4.9km az=170.1

NEIC 09 21:31:19.4.51.78N:177.12W, h6km, ML3.6(AEIC), After AEIC

ISC 09 21:31:19.4.1.6.51.74N:0.09:177.13W, 0.03, h7km, 11km, n22, c1915/26, Andean/O Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIKV Kanaga Island, KIRH Kanaga Island, etc.

JMA 09 21:33:14.1.0.5.45.08N:148.65E, h142km, M3.7, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, JRA Rausu, etc.

NIED 09 21:35:00.38.80N:142.40E, h17km, Mw3.4 Best double couple: M1.41000:1014 NP1:208.00000:826.00000, lambda149.00000. NP2:326.00000:877.00000:167.00000

JMA 09 21:35:58.3.0.1.38.76N:142.41E, h29km, mb3.6

ISC 09 21:35:59.5.3.0.38.77N:0.06:142.3E, 0.1, h24km, 16km, n10, c1917/17, Near east coast of eastern Honshu

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

MAN 09 21:37:18.7.11N:123.51E, h27km, mb4.8, ML3.8, MS3.8, 1C-3D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTBH Cotabato-PC H, DCPH Dipolog City, etc.

SNPH iS Sn 21 38 21.3 +1.1

JMA 09 22:00:20.9.0.1.38.32N:144.53E, h36km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, MIJ Miyakonagasawa, etc.

DJA 09 22:07:28.0.3.2.3.3:12.1E, h10km, M3.7/5, MLv3.7/5, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TTSI Tana Toraja, PCI Palu, etc.

DJA 09 22:26:25.9.0.4.0.3.4:12.5E, h10km, M3.6/6, MLv3.6/6, Southern Molucca Sea

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

MOS 09 22:26:39.7.1.2.56.21N:113.66E, h12km, mb4.2/6, Error ellipse: s-maj=14.7km s-min=8.3km az=60.3

MOS Felt (I-II) at Severomuks

BYKL 09 22:26:41.6.0.3.56.23N:113.54E, h9km, 4km, FELT I-II/III MSK at Severomuks

ISC 09 22:26:40.7.0.6.56.12N:0.03:113.45E, 0.02, h10km, n57, c261/88, mb4.1/4, 9C-7D, East of Lake Baykal

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

Table with columns: STKA, Stephens Creek, 88.96 170 eP, P, 23 00 14.8 +0.3, etc.

Table with columns: MEX 09 22:49:37.0-0.3, 16:17N-97.61W, h16km, 4km, MD4.0, Oaxaca

Table with columns: NEIC 09 23:05:08.8, 1.9, 4.18S, 152.28E, h77km, 18km, mb4.5/6, Error ellipse: s-maj=13.4km s-min=10.4km az=101.0

Table with columns: IDC 09 23:05:14.9, 1.2, 2.28S, 152.22E, h131km, 9km, mb3.8/14, s-m1=3.8/16, mb1mx3.7/43, mbtmp4.1/16, Error ellipse: s-maj=21.2km s-min=12.3km az=103.0

Table with columns: ISC 09 23:05:11.7, 0.6, 4.22S, 109.152, 3E, 0.1, h100km, n35, e284/44, mb4.2/19, 1.2C, New Britain region

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

NIED 09 23:13:00.34, 1.0N, 135.50E, h62km, Mw4.6 Best double couple: Mo:1.06000x1016 NP1:1.06.00000, 825.00000, lambda-143.00000, NP2:3.342.00000, 875.00000, lambda-70.00000

BUI 09 23:13:14.9, 3370N, 136.12E, h60km, mb4.8/40, mb4.8/29, Ms4.1/15, Ms7.3/15

MOS 09 23:13:19.8, 1.0, 34.06N, 135.52E, h60km, mb5.0/35, Error ellipse: s-maj=7.8km s-min=5.2km az=105.6

ISCJB 09 23:13:20.8, 0.2, 34.09N, 135.51E, 0.1, h64km, 1km, mb4.7/97, Error ellipse: s-maj=4.1km s-min=3.0, 1km az=166.8

JMA 09 23:13:21.7, 34.05N, 135.52E, h61km, 1km, M4.7 Broadband fault plane solution: P waves. NP1: 0.333.00000, 880.00000, lambda-85.00000, NP2: 0.125.00000, 811.00000, lambda-117.00000, Principal axes: T Plg35.00000, Azm58.00000, N Plg5.00000, Azm152.00000, P Plg55.00000, Azm249.00000, JMA Felt IV J1

NEIC 09 23:13:21.8, 0.3, 34.06N, 135.53E, mb4.8/33 Error ellipse: s-maj=6.3km s-min=4.3km az=153.0

NEIC Felt at Kyoto, Nagoya and Nissin. Recorded [4 JMA] in Wakayama

IDC 09 23:13:21.9, 0.5, 34.08N, 135.46E, h64km, 4km, mb4.2/25, mb1.4/32, mb1mx4.3/52, mbtmp4.6/32, MS3.4/25,

Ms1.3/4/25, ms1mx3.3/48, Error ellipse: s-maj=9.7km s-min=9.0km az=141.0

ISC 09 23:13:21.8, 0.3, 34.07N, 135.52E, 0.03, h61km, 2km, h61km, pp-P, n277, 1923/322, mb4.7/97, 25C-22D, Near south coast of western Honshu

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

Table with columns: LZH Lanzhou, 25.95 284 eP, P, 23 18 48.9 +0.3

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GLA Glamis, CTCX Cactus City, and many others.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details. Includes stations like SJA San Juan, FCH Farellones, and many others.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 540A Vidor, 344A Westbrook Farm, and many others.

BUJ 09 23:30:45.7, 32:70S:68:60W, h105km, mB5.0/4
ISCBJ 09 23:30:47.0, 32:70S:0:03:68:81W, 0.04, h138km, 1km,
mb4.6/128, Error ellipse: s-maj=6.0km s-min=4.0km

TZ7N	Tazewell comp=E, 8.9nm, 0.8s	70.21 347	eP	P	23 41 47.0 +0.3
135A	Vickery Place, bazz=155	70.24 335	P	P	23 41 47.6 +0.6
233A	Rising Star bazz=154, SNR=13	70.31 333	P	P	23 41 48.1 +0.7
VWCC	Virginia Weste Blacksburg	70.32 351	eP	P	23 41 47.8 +0.4
BLA	Lockeburg comp=E, 12nm, 0.7s	70.35 350	eP	P	23 41 48.3 +0.6
Y39A	Lockeburg bazz=158	70.37 338	P	P	23 41 48.5 +0.7
X40A	Basin Creek Fa bazz=159	70.49 339	P	P	23 41 49.2 +0.7
134A	White-Moore Ra bazz=154, SNR=7.4	70.50 334	P	P	23 41 49.0 +0.4
Z36A	Blue Ridge bazz=156	70.54 336	P	P	23 41 49.6 +0.8
Y38A	Idabel bazz=157	70.57 337	P	P	23 41 49.6 +0.6
V45A	Humboldt bazz=162	70.61 343	P	P	23 41 49.8 +0.6
VWV	Waverly comp=E, 6.5nm, 0.7s	70.70 344	eP	P	23 41 50.0 +0.3
MIAR	Mount Ida bazz=158, SNR=5.5	70.77 339	P	P	23 41 50.7 +0.5
MIAR	Mount Ida comp=E, 7.6nm, 1.0s	70.77 339	eP	P	23 41 51.0 +0.8
133A	Hamilton Ranch bazz=154, SNR=6.5	70.84 333	P	P	23 41 51.3 +0.6
Z35A	Perchance, San bazz=155, SNR=5.1	70.88 335	P	P	23 41 51.7 +0.8
X39A	Fountain Ranch bazz=158, SNR=11	70.91 338	P	P	23 41 52.0 +1.0
W41B	Gary Mavity, V bazz=159, SNR=5.4	70.96 340	P	P	23 41 51.8 +0.5
Y36A	Durant bazz=156	71.06 336	P	P	23 41 53.0 +1.1
X301	Greenbrier Sit comp=E, 13nm, 0.7s	71.06 340	eP	P	23 41 52.9 +1.0
WHAR	Woolly Hollow comp=E, 8.9nm, 1.0s	71.08 340	eP	P	23 41 52.5 +0.5
ABTX	Abilene, Hawle bazz=153, SNR=6.5	71.13 333	eP	P	23 41 53.1 +0.6
ABTX	Abilene, Hawle comp=E, 16nm, 0.8s	71.13 333	eP	P	23 41 53.5 +1.0
Z34A	Collier Ranch, bazz=154	71.16 335	P	P	23 41 53.2 +0.7
W40A	Ferguson Farm, bazz=159	71.22 339	P	P	23 41 53.6 +0.8
X38A	Whitesboro bazz=157	71.28 338	P	P	23 41 54.4 +1.1
V42A	Cord bazz=160	71.31 341	P	P	23 41 53.2 -0.1
Y35A	Marietta bazz=155	71.33 336	P	P	23 41 54.5 +1.0
X37A	Clayton bazz=157	71.38 337	P	P	23 41 54.3 +0.5
Z33A	Whitaker Ranch bazz=154, SNR=5.5	71.44 339	P	P	23 41 54.6 +0.6
W39A	Magazine bazz=158, SNR=15	71.44 334	P	P	23 41 52.2 +1.0
V41A	Mountainview bazz=160, SNR=11	71.50 340	P	P	23 41 54.8 +0.2
W38A	Poteau bazz=158	71.55 338	P	P	23 41 55.9 +1.0
Y34A	Reagan Ranch, bazz=155	71.63 335	P	P	23 41 55.7 +0.3
X36A	Centrahoma bazz=156, SNR=12	71.69 336	P	P	23 41 55.7 0.0
V40A	Witts Springs bazz=159, SNR=5.3	71.72 340	P	P	23 41 56.1 +0.2
X35A	Drake bazz=155	71.75 336	P	P	23 41 56.4 +0.3
U42A	Revendens bazz=160, SNR=10.0	71.78 341	P	P	23 41 56.5 +0.3
L13C	Lamto comp=E, 7.0nm, 1.7s	71.84 70	eP	pP	23 42 31.1 +0.4
W37A	Quinton bazz=157, SNR=10.0	71.91 337	P	P	23 41 55.2 +0.5
U41A	Viola bazz=160, SNR=7.6	71.96 341	P	P	23 41 57.6 +0.3
PBMO	Poplar Bluff comp=E, 22nm, 0.9s	71.97 342	eP	P	23 41 57.7 +0.5
Y33A	Hilltop Ranch, bazz=154	71.99 334	P	P	23 41 57.8 +0.3
V39A	Pettigrew bazz=158, SNR=11	71.99 339	P	P	23 41 58.2 +0.7
TIC	Toumоди bazz=157	72.10 70	eP	pP	23 42 32.6 +0.4
KIC	Kosan Boka comp=E, 21nm, 0.7s	72.15 70	eP	pP	23 42 33.0 +0.5
W36A	Wetumka bazz=156	72.17 337	P	P	23 41 58.4 -0.2
T43A	Greenville bazz=161, SNR=19	72.22 342	P	P	23 41 59.0 +0.2
X34A	Smith Ranch, M bazz=155, SNR=7.2	72.23 335	P	P	23 41 59.7 +0.8
U40A	Yellville bazz=159, SNR=14	72.24 340	P	P	23 41 59.3 +0.4
DBIC	Dimbokro comp=E, 4.1nm, 0.6s, bazz=208, slow=6.2, SNR=12	72.24 70	eP	pP	23 41 59.6 +0.2
DBIC	Dimbokro comp=E, 5.4nm, 0.6s, bazz=192, slow=4.5, SNR=4.5	72.24 70	eP	pP	23 42 33.6 +0.5
DBIC	Dimbokro comp=E, 4.4nm, 1.7s	72.25 338	P	P	23 41 59.6 +0.2
V38A	Caneyhill bazz=158, SNR=8.3	72.25 338	P	P	23 41 59.3 +0.3
S45A	Carrier Mills bazz=153	72.36 344	P	P	23 41 59.1 -0.5
WCI	Wyandotte Cave comp=E, 20nm, 1.1s	72.38 346	eP	P	23 41 59.6 -0.2
W35A	Tecumseh bazz=156	72.40 336	P	P	23 41 59.5 -0.5
X33A	Lawton bazz=154	72.42 335	P	P	23 41 59.6 -0.5
U39A	Green Forest bazz=158, SNR=12	72.45 339	P	P	23 42 00.3 +0.1
HHAR	Hobbs comp=E, 17nm, 1.1s	72.49 339	eP	P	23 42 00.8 +0.4
V37A	Hubert bazz=157	72.50 338	P	P	23 42 00.4 0.0
S44A	Carbondale bazz=162	72.53 343	P	P	23 42 00.2 -0.4
X32A	Elmer bazz=154	72.60 334	P	P	23 42 01.2 0.0
S43A	Fulton Ridge, bazz=162, SNR=10	72.62 342	P	P	23 42 01.1 0.0
V36A	Jenks bazz=156, SNR=5.3	72.67 337	P	P	23 42 01.8 +0.3
WMOK	Wichita Mounta bazz=154, SNR=5.2	72.70 335	eP	P	23 42 01.7 0.0
WMOK	Wichita Mounta comp=E, 7.6nm, 1.2s	72.70 335	eP	P	23 42 02.0 +0.3
MNTX	Cornudas Mount bazz=148, SNR=16	72.72 328	P	P	23 42 01.8 -0.1
MNTX	Cornudas Mount comp=E, 8.8nm, 0.8s	72.72 328	eP	P	23 42 01.8 -0.1
TUL1	Leonard bazz=157	72.73 337	P	P	23 42 02.0 +0.1
TUL1	Leonard comp=E, 13nm, 0.9s	72.73 337	eP	P	23 42 03.0 +1.1
U38A	Gravette bazz=158	72.77 339	P	P	23 42 02.3 +0.2
W34A	Bridge Creek, bazz=155	72.78 336	P	P	23 42 02.5 +0.3
T40A	Mansfield bazz=159, SNR=5.3	72.88 340	P	P	23 42 03.2 +0.5
V35A	Meyer Ranch, C bazz=156	72.94 336	P	P	23 42 03.1 -0.1
W33A	Caddo, Fort Co bazz=154, SNR=5.2	72.95 335	P	P	23 42 04.3 +1.1
U37A	Salina bazz=157, SNR=5.2	72.97 338	P	P	23 42 03.5 +0.3
S42A	Caledonia bazz=161, SNR=8.0	73.00 342	P	P	23 42 03.3 -0.1
T39A	Clever bazz=159	73.01 340	P	P	23 42 03.9 +0.3
R44A	Waltonville bazz=162	73.02 343	P	P	23 42 03.6 +0.1
S41A	Jillico Farms, bazz=160, SNR=17	73.08 341	P	P	23 42 04.3 +0.4
O56A	Blue Knob Stat bazz=172, SNR=5.2	73.12 352	P	P	23 42 05.1 +1.0
W32A	Centinel bazz=154, SNR=14	73.21 334	P	P	23 42 05.3 +0.6
V34A	Guthrie bazz=155	73.24 336	P	P	23 42 05.2 +0.3
V34A	Guthrie comp=E, 24nm, 1.0s	73.24 336	eP	P	23 42 05.5 +0.6
T38A	Diamond bazz=158, SNR=13	73.30 339	P	P	23 42 05.6 +0.4
S40A	Lebanon bazz=160, SNR=17	73.30 341	P	P	23 42 05.6 +0.5
BLO	Bloomington comp=E, 13nm, 0.8s	73.33 346	eP	P	23 42 05.3 0.0
U35A	Pawnee bazz=156, SNR=9.6	73.46 337	P	P	23 42 06.7 +0.5
R42A	Luebbering bazz=151, SNR=7.1	73.48 342	P	P	23 42 06.4 +0.3
V33A	Lossen Ranch, bazz=155, SNR=5.5	73.49 335	P	P	23 42 07.0 +0.6
N59A	State Game Lan bazz=151	73.50 355	P	P	23 42 06.8 +0.5
MSTX	Muleshoe bazz=151	73.56 331	P	P	23 42 07.3 +0.4
MSTX	Muleshoe comp=E, 11nm, 0.8s	73.56 331	eP	P	23 42 07.8 +0.8
T37A	Chenewa 18 bazz=157, SNR=8.3	73.57 339	P	P	23 42 06.9 +0.2
S39A	Bolivar bazz=159, SNR=17	73.62 340	P	P	23 42 07.5 +0.5
R41A	Rosebud bazz=160, SNR=11	73.65 342	P	P	23 42 07.5 +0.4
MAW	Mawson bazz=158	73.68 163	eP	pP	23 42 07.0 -0.1
MAW	Mawson comp=E, 2.3nm, 0.5s, bazz=232, slow=1.1, SNR=6.1	73.68 163	eP	pP	23 42 07.0 -0.1
MAW	Mawson comp=E, 5.2nm, 0.8s, bazz=232, slow=1.0, SNR=4.5	73.68 163	eP	pP	23 42 07.0 -0.1
ACSO	Alum Creek Sta comp=E, 1.2nm, 0.8s	73.70 349	eP	P	23 42 07.6 +0.1
S38A	Stockton bazz=158, SNR=24	73.73 340	P	P	23 42 08.1 +0.4
U34A	Anderson Ranch bazz=157	73.79 336	P	P	23 42 08.7 +0.6
T36A	Boggs Farm, Ca bazz=157	73.81 338	P	P	23 42 08.4 +0.2
Q43A	New Douglas bazz=162	73.83 343	P	P	23 42 08.1 -0.1
R40A	Madison Statio bazz=160, SNR=22	73.88 341	P	P	23 42 08.8 +0.3
T35A	Sooner Cattle bazz=156, SNR=5.4	73.88 337	P	P	23 42 09.2 +0.6
AMTX	Amarillo bazz=152	73.92 332	P	P	23 42 09.4 +0.4
N54A	Moraine State bazz=170, SNR=4.5	73.98 351	P	P	23 42 09.7 +0.6
U33A	Lingo Farm, Me bazz=154	73.98 336	P	P	23 42 09.3 +0.1
Q42A	Golden Eagle bazz=161	74.01 343	P	P	23 42 09.4 +0.1
R39A	Chumby, Stover bazz=159, SNR=11	74.11 340	P	P	23 42 10.2 +0.3
S37A	Fort Scott bazz=158, SNR=5.2	74.13 339	P	P	23 42 11.2 +0.2
T34A	McClaskey Farm bazz=156, SNR=5.2	74.20 337	P	P	23 42 11.2 +0.7
R38A	Fenwick Farm, bazz=158, SNR=8.4	74.25 340	P	P	23 42 10.7 +0.1
U32A	Winter Ranch, bazz=154	74.25 335	P	P	23 42 11.6 +0.8
319A	Douglas comp=E, 16nm, 0.8s	74.27 325	eP	P	23 42 13.2 +2.0
S36A	Lake Cedric, C bazz=157	74.33 338	P	P	23 42 11.4 +0.2
M54A	Oil Creek Stat bazz=157	74.48 352	P	P	23 42 12.3 +0.3
Q40A	Laux Farm, Aux bazz=160, SNR=10	74.48 341	P	P	23 42 12.4 +0.4
121A	Cookes Peak, D bazz=147, SNR=5.9	74.52 327	P	P	23 42 14.3 +1.7
S35A	Outer Creek Ra bazz=156, SNR=7.6	74.52 338	P	P	23 42 12.7 +0.4
P42A	Winchester bazz=162, SNR=5.2	74.59 343	P	P	23 42 12.4 -0.3
T33A	Patterson Ranc bazz=155, SNR=5.7	74.61 336	P	P	23 42 13.8 +1.0
R37A	Teagarden Farm bazz=158	74.64 339	P	P	23 42 12.9 0.0
Q39A	Willow Grove F bazz=159	74.78 341	P	P	23 42 13.9 +0.1
S34A	Willow Spring bazz=156	74.79 337	P	P	23 42 13.9 +0.1
R36A	Gordon, Harris bazz=157	74.85 339	P	P	23 42 14.4 +0.2
P41A	Barry, Barry bazz=161	74.86 342	P	P	23 42 14.2 0.0
Q38A	Cooks Store, C bazz=159, SNR=15	74.88 340	P	P	23 42 14.8 +0.4
T32A	Huddler Ranch, bazz=154	74.94 336	P	P	23 42 15.5 +0.8
P40A	Paris bazz=160, SNR=13	74.98 342	P	P	23 42 15.3 +0.4
Q37A	Longview Farm, bazz=158	75.04 340	P	P	23 42 15.1 -0.1
R35A	Emporia Munic bazz=156	75.07 338	P	P	23 42 15.8 +0.3
P39B	Salisbury bazz=158, SNR=6.2	75.13 341	P	P	23 42 16.0 +0.2
HDIL	Hopedale bazz=162	75.27 344	P	P	23 42 16.1 -0.4
BNM	Barren Site bazz=159	75.35 328	eP	P	23 42 19.2 +1.8
R34A	Isabel, Hill bazz=156	75.38 337	P	P	23 42 17.6 +0.3
S32A	Newby Ranch, P bazz=154	75.41 336	P	P	23 42 17.8 +0.4
P38A	Dawn bazz=159	75.47 341	P	P	23 42 17.8 +0.1
LPM	Los Pinos Moun bazz=157	75.49 328	eP	P	23 42 19.9 +1.7
O40A	La Belle bazz=160, SNR=6.0	75.49 342	P	P	23 42 18.2 +0.4
MMNV	W. Morris Dam bazz=155	75.49 353	eP	P	23 42 18.7 +1.0
R33A	Olander Ranch, bazz=155	75.63 337	P	P	23 42 19.3 +0.6
P37A	Lathrop				

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Table with columns for station name, frequency, and various signal quality metrics (e.g., pmax, smax, LRM, MLR).

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Table with columns for station name, frequency, and various signal quality metrics (e.g., P, pmax, MLR, LRM).

430

Table with columns for station name, frequency, and various signal quality metrics (e.g., ScP, PcS, ScS, pmax, LRM).

KMBO	comp-Z,87nm,1.1s	39.28 228 P	P	01 00 51.6 +1.1
KMBO	comp-Z,25nm,0.9s,baz=35,slow=11,SNR=70	39.28 228 LR	LR	01 01 46.8 0
KMBO	comp-Z,689nm,21.5s,baz=44,slow=36	39.28 228 LR	LR	01 01 51.8 +1.2
KMBO	SNR=27	39.28 228 P	P	01 00 51.8 +1.2
KMBO	comp-Z,82nm,1.1s	39.28 228 eP	P	01 00 51.5 +1.0
KMBO	comp-Z,1µm,22.0s		LR	
IVAS	Ivanjica	39.30 306 eP	P	01 00 49.4 -0.8
PVY	Plav	39.31 304 i/P	P	01 00 48.6 -1.8
SKLT	Songkhla	39.34 115 P	P	01 00 50.0 +0.1
UBPT	Khong Chiam	39.35 100 P	P	01 00 50.1 -0.7
IVA	Berane	39.39 305 i/P	P	01 00 49.3 -1.7
ISAL	Salakas	39.42 326 eP	P	01 00 50.9 0.0
ISAL	comp-Z,126nm,1.2s		IAMB	01 00 53.1
DIVS	Divibare	39.49 307 P	P	01 00 50.6 -1.2
DIVS	Divibare	39.49 307 P	P	01 00 50.6 -1.2
CRVS	Cervenica-Dubn	39.55 314 eS	S	01 05 51.0 -0.6
ULC	Ulcinj	39.76 303 i/P	P	01 00 52.2 -1.8
FGSL	Fruska Gora	39.80 308 i/P	P	01 00 54.1 -0.2
FRGS	Fruska Gora	39.80 308 i/P	P	01 00 53.9 -0.4
PDG	Podgorica	39.80 304 i/P	P	01 00 53.5 -0.8
PDG	Podgorica	39.80 304 eP	P	01 00 53.2 -2.0
TTG	Podgorica	39.80 304 i/P	P	01 00 53.0 -1.3
PLE	Piljevija	39.82 305 i/P	P	01 00 52.7 -1.9
STHS	Stebnicka Huta	39.83 315 eP	P	01 00 54.4 0.0
STHS	comp-Z,30nm,0.8s		pmax	
STHS	Stebnicka Huta	39.83 315 eP	P	01 00 54.4 0.0
STHS	Ivanjica	39.83 315 eP	P	01 00 54.4 0.0
DRME	Dracevica, Mon	39.83 303 i/P	P	01 00 52.7 -1.9
DRME	Dracevica, Mon	39.83 303 i/P	P	01 00 53.1 -1.5
PUL	Pulkovo	39.84 333ceP	P	01 00 54.7 +0.4
PUL	comp-Z,1µm,1.7s		pmax	
BBLs	Lazi#263j	39.88 306 i/P	P	01 00 54.6 -0.4
TEKS	Tekeris	39.89 307 eP	P	01 00 54.9 -0.2
NKY	Niksic	40.04 304 i/P	P	01 00 54.6 -1.8
BUM	Brajici-Budva	40.06 304 i/P	P	01 00 54.9 -1.6
KECS	Kecovo	40.06 313 eP	P	01 00 56.2 -0.2
KECS	comp-Z,29nm,0.7s		pmax	
KECS	Kecovo	40.06 313 eP	P	01 00 56.2 -0.2
KECS	comp-Z,29nm,0.7s		pmax	
KECS	Kecovo	40.06 313 eP	P	01 00 56.2 -0.2
NKME	Niksic	40.06 304 i/P	P	01 00 54.8 -1.6
CEME	Cevo	40.06 304 i/P	P	01 00 54.6 -2.0
HHC	Hu-ho-hao-te	40.07 59 eP	P	01 00 57.1 +0.4
HHC			S	01 07 00.5 +0.7
HHC	comp-Z,19nm,1.1s		pmax	
HHC	comp-Z,370nm,6.8s		pmax	
HHC	comp-Z,2µm,11.8s		LR	
HHC	comp-Z,3µm,14.2s		LR	
HHC	comp-Z,4µm,13.3s		LR	
UPM	Unac-Piva	40.15 305 i/P	P	01 00 55.2 -2.2
UPM	Unac-Piva	40.15 305 eP	P	01 00 54.9 -2.5
SUW	Suwalki	40.27 322 i/P	P	01 00 57.2 -0.8
SUW	comp-Z,900nm,4.2s		pmax	
SUW	Suwalki	40.27 322 i/P	P	01 00 57.2 -0.8
SUW			eP	01 01 11.5 +1.5
SUW			eP	01 02 31.5 +0.4
SUW			eS	01 06 59.9 -2.3
SUW	Suwalki	40.27 322 i/P	P	01 00 57.2 -0.8
SUW			e	01 02 31.5
SUW			S	01 06 59.9 -2.3
SUW			pmax	
SUW			pmax	
SUW	comp-Z,900nm,4.2s		pmax	
SUW	Suwalki	40.27 322 i/P	P	01 00 57.2 -0.8
PSZ	Piszkesteto	40.30 312 i/P	P	01 00 58.8 +0.3
PSZ	Piszkesteto	40.30 312 i/P	P	01 00 58.8 +0.3
PSZ	Piszkesteto	40.30 312 eP	P	01 00 58.7 +0.3
PSZ	comp-Z,75nm,0.9s		LR	
PSZ	comp-Z,997nm,21.0s		LR	
PSZ	Piszkesteto	40.30 312 eP	P	01 00 58.7 +0.3
HCY	Herceg Novi	40.37 304 i/P	P	01 00 57.0 -2.0
HCY	Herceg Novi	40.37 304 i/P	P	01 00 57.0 -2.0
BRY	Bratogost	40.38 305 i/P	P	01 00 57.4 -1.9
BRY	Bratogost	40.38 305 i/P	P	01 00 57.8 -1.5
NIE	Niedzica	40.42 315 eP	P	01 01 00.0 +0.6
NIE	comp-Z,600nm,3.8s		S	01 01 14.4 -2.0
NIE			eP	01 02 38.0 +1.0
NIE			ePP	01 07 04.9 +0.2
NIE			eS	01 01 00.0 +0.6
NIE			e	01 02 38.0 +1.0
NIE			eS	01 07 04.9 +0.2
NIE			pmax	
NIE			pmax	
KULM	Kulim	40.47 117 eP	P	01 01 00.6 +0.4
KULM	comp-Z,78nm,1.1s		LR	
KULM	Kulim	40.47 117 i/P	P	01 01 00.5 +0.4
TREB	Trebinje	40.50 304 eP	P	01 00 58.3 -1.8
VSU	Vasula	40.60 330 eP	P	01 01 00.1 -0.6
VSU	comp-Z,850nm,0.9s		pmax	
VSU	Vasula	40.60 330 eP	P	01 01 00.5 -0.2
VSU	SNR=11			
TIY	Taiyuan	40.63 64 eP	P	01 01 06.9 +5.5
TIY			Pn	01 02 43.1 +3.4
TIY			S	01 07 09.2 +0.9
TIY	comp-Z,18nm,0.7s		pmax	
TIY	comp-Z,310nm,4.4s		pmax	
TIY	comp-Z,2µm,10.8s		LR	
TIY	comp-Z,1µm,10.8s		LR	
TIY	comp-Z,1µm,10.8s		LR	
GSI	Gunungsitoli	40.70 125 P	P	01 01 03.9 +1.9
GSI	comp-Z,289nm,1.0s,comp-Z,4µm		P	01 01 03.6 +1.6
GSI	comp-Z,231nm,1.0s		P	01 01 01.9 -0.3
PSI	Prapat	40.70 122 P	P	01 01 01.6 -0.6
PSI	comp-Z,68nm,0.9s,baz=102,slow=8.4,SNR=24		P	01 01 01.6 -0.6
PSI	Prapat	40.70 122 eP	P	01 01 01.6 -0.6
BUD	Budapest	40.78 312 eP	P	01 01 02.1 -0.2
BUD	Budapest	40.78 312 eP	P	01 01 02.1 -0.2
BEL	Belsk	40.78 318 eP	P	01 01 02.8 +0.1
BEL	comp-Z,1µm,4.1s		eP	01 01 16.8 +2.1
BEL			eS	01 07 10.1 -0.6
BEL			eS	01 01 02.8 +0.1
BEL			eS	01 07 10.0 -0.6
BEL	comp-Z,1µm,4.1s		pmax	
BEL	Belsk	40.83 318 eP	P	01 01 02.8 +0.1
BEL	comp-Z,0.6nm,4.1s		S	01 01 00.0 -0.6
LANS	Liptovska Anna	40.88 314 eS	S	01 01 03.7 +0.5
LANS			S	01 07 12.5 +1.0
LANS	Liptovska Anna	40.88 314 eS	S	01 01 03.7 +0.5
LANS			S	01 01 03.7 +0.5
LANS	Liptovska Anna	40.88 314 eS	S	01 01 03.7 +0.5
LANS			S	01 07 12.5 +1.0
DOB	Dojboj	40.93 307 i/P	P	01 01 02.5 -1.1
OJC	Ojcow	40.95 316 eP	P	01 01 03.8 +0.1
OJC	comp-Z,1µm,3.7s		eP	01 01 18.1 +2.5
OJC			eS	01 01 03.8 +0.1
OJC			eS	01 01 03.8 +0.1
OJC	comp-Z,1µm,3.7s		pmax	
OJC	Ojcow	40.95 316 i/P	P	01 01 03.8 +0.1

OJC	comp-Z,0.6nm,3.7s	40.95 316 eP	P	01 01 03.5 -0.2
OJC	Ojcow	40.95 316 eP	P	01 01 03.5 -0.2
VYHS	Vyhne	41.13 313 eP	P	01 01 05.3 +0.1
VYHS	comp-Z,162nm,2.1s		pmax	
VYHS	Vyhne	41.13 313 eP	P	01 01 05.3 +0.1
VYHS	comp-Z,162nm,2.1s		S	01 01 03.6 -1.6
IPM	Iphoh	41.26 118 eP	P	01 01 06.2 -0.5
IPM	Iphoh	41.26 118 i/P	P	01 01 06.6 -0.1
CSKK	Cs'kako	41.27 311 i/P	P	01 01 05.9 -0.4
CSKK	Cs'kako	41.27 311 eP	P	01 01 05.9 -0.4
TIP	Timpagrade	41.49 299 P	P	01 01 06.9 -1.6
TIP	Timpagrade	41.49 299 P	P	01 01 06.8 -1.6
TIP	Timpagrade	41.49 299 eP	P	01 01 08.5 +0.1
TIP	comp-Z,148nm,1.2s		LR	
TIP			LR	
BLY	Banja Luka	41.58 307 i/P	P	01 01 08.8 -0.1
SG1	Sgolgore (BA)	41.60 301 eP	P	01 01 08.4 -0.8
QIZ	Qizhong	41.76 92 P	P	01 01 11.0 +0.3
QIZ			eP	01 01 26.0 -1.8
QIZ			eS	01 07 23.2 -1.9
QIZ			SS	01 10 25.6 -6.5
QIZ	comp-Z,22nm,2.4s		pmax	
QIZ	comp-Z,3µm,17.1s		LR	
QIZ	comp-Z,2µm,16.0s		LR	
QIZ	comp-Z,2µm,18.6s		LR	
QIZ	Qiongzong	41.76 92 PFAKE	LR	01 01 20.0 +9.3
QIZ	comp-Z,1µm,19.0s		LR	
MRAC	Mirakovica	41.81 307 eP	P	01 01 11.2 +0.3
OKC	Ostrava-Krasne	41.88 315 i/P	P	01 01 11.3 0.0
OKC			eS	01 07 23.8 -2.5
OKC			AMS	01 23 10.0
OKC	comp-Z,1µm,13.4s		P	01 01 11.3 0.0
OKC	Ostrava-Krasne	41.88 315 i/P	P	01 07 23.8 -2.5
OKC			eS	01 07 23.8 -2.5
OKC			MLR	
OKC	comp-Z,1µm,13.4s		MLR	
RAC	Raciborz	41.91 315 eP	P	01 01 12.1 +0.6
RAC			ePP	01 01 25.8 +2.3
RAC			eP	01 07 25.6 -1.1
RAC			S	01 11 21.1 +0.6
RAC	Raciborz	41.91 315 eP	P	01 01 10.5 -1.3
CDT	Castel del Mon	42.02 302 eP	P	01 01 13.1 +0.4
SMOL	Smolenice	42.04 313 eP	P	01 01 13.1 +0.4
SMOL	Smolenice	42.04 313 eP	P	01 01 13.1 +0.4
SMOL	Smolenice	42.04 313 eP	P	01 01 13.1 +0.4
SMOL	Smolenice	42.04 313 eP	P	01 01 13.1 +0.4
MTSE	Matsula	42.05 329 eP	P	01 01 12.6 +0.1
MTSE	SNR=40			
KLNR	Kalinigrad	42.10 322 eP	P	01 01 11.8 -1.2
KLNR			pmax	
BEHE	Becehely	42.11 310 eP	P	01 01 13.5 +0.3
BEHE	Becehely	42.11 310 eP	P	01 01 13.5 +0.3
CEL	Celeste	42.17 297 eP	P	01 01 14.4 +0.5
CEL	comp-Z,105nm,0.9s		LR	
CEL	comp-Z,799nm,22.0s		LR	
MS1	Monte Sant'Ang	42.20 302 eP	P	01 01 13.7 -0.5
CUC	Castrocuco	42.23 300 eP	P	01 01 14.8 +0.4
CUC	comp-Z,323nm,0.7s		LR	
CUC	comp-Z,748nm,20.0s		LR	
SISC	Sisak	42.24 308 i/P	P	01 01 15.6 +1.3
MORC	Moravsky Berou	42.25 315 i/P	P	01 01 14.0 -0.4
MORC	Moravsky Berou	42.25 315 i/P	P	01 01 14.0 -0.4
MORC	Moravsky Berou	42.25 315 i/P	P	01 01 14.3 -0.1
MORC	Moravsky Berou	42.25 315 i/P	P	01 01 14.3 -0.1
MORC	Moravsky Berou	42.25 315 eP	P	01 01 14.3 -0.1
SLIT	Silitere, Latvi	42.25 327 eP	P	01 01 13.2 -1.0
SLIT	SNR=40			
KTGM	Kuala Trengganu	42.43 115 i/P	P	01 01 17.1 +0.8
KOGS	Kog	42.47 310 eP	P	01 01 16.0 -0.1
FRIM	Kepong	42.50 118 i/P	P	01 01 16.6 -0.1
MNSI	Mandaling Nat	42.52 123 P	P	01 01 17.3 +0.4
FIAD	FINES Array S	42.52 333 eP	P	01 01 16.2 -0.1
FIAD	FINES Array S	42.52 333 eP	P	01 01 16.2 -0.1
FIAD	FINES Array S	42.52 333 eP	P	01 01 16.2 -0.1
FINES	comp-Z,76nm,0.5s,baz=126,slow=40		P	01 21 48.7
FINES	comp-Z,3µm,18.9s,baz=126,slow=40		P	01 01 16.6 0.0
MEF	Metsahovi	42.55 331 eP	P	01 01 17.0 -0.1
MEF	SNR=40			
UDBI	Udubina	42.56 307 i/P	P	01 01 16.9 -0.1
UDBI	Udubina	42.56 307 i/P	P	01 01 16.9 -0.1
ZAG	Zagreb	42.56 309 i/P	P	01 01 16.6 -0.3
VRAC	Vranov	42.75 314 i/P	P	01 01 18.3 -0.1
VRAC	Vranov	42.75 314 i/P	P	01 01 18.3 -0.1
KRLC	Kraliky	42.79 315 i/P	P	01 01 18.7 -0.1
KRLC	Kraliky	42.79 315 i/P	P	01 01 18.7 -0.1
WHN	Whuhan	42.80 74 i/P	P	01 01 20.1 +1.1
WHN			S	01 07 35.6 -4.7
WHN	comp-Z,10µm,19.6s		LR	
WHN	comp-Z,2µm,10.9s		LR	
WHN	comp-Z,2µm,10.9s		LR	
WHN	comp-Z,2µm,19.3s		LR	
OZLJ	Ozalj	42.89 308 i/P	P	01 01 19.1 -0.5
OZLJ	Ozalj	42.89 308 i/P	P	01 01 19.0 -0.5
CRES	Cresnjevi	42.93 308 i/P	P	01 01 19.8 -0.1
CONA	Conrad Observa	42.96 312 i/P	P	01 01 19.8 -0.5
ARSA	Arzberg	43.08 311 i/P	P	01 01 21.3 +0.1
DPC	Dobruska-Polom	43.14 315 i/P	P	01 01 21.9 +0.3
DPC			eS	01 01 36.8 -2.0
DPC			S	01 07 37.7 -7.2
DPC			AMS	01 26 30.0
D				

SUMG	Summit	67.72 342	iP	P	01 04 19.0 +0.6
SUMG	Summit	67.72 342	eP	P	01 04 18.9 +0.6
BOSA	Boshof	67.85 217	iP	P	01 04 18.6 -0.8
BOSA	Boshof	67.85 217	iP	P	01 04 18.3 -1.1
BOSA	Boshof	67.85 217	P	P	01 04 18.3 -1.1
BOSA	Soe	68.28 114	eP	LR	01 04 20.6 -1.8
BILL	Billibino	68.59 23	iP	P	01 04 25.0 +1.6
BILL	Billibino	68.59 23	ePP	pP	01 04 36.2 +0.1
BILL	Billibino	68.59 23	iP	pmax	01 04 44.9
BILL	Billibino	68.59 23	PFAKE	MLR	01 04 40.0 +1.7
DBIC	Dimbokro	69.23 267	P	P	01 04 27.0 -1.3
DBIC	Dimbokro	69.23 267	eP	LR	01 35 48.9
DBIC	Dimbokro	69.23 267	eP	P	01 04 28.3 +0.1
KIC	Kosan Boka	69.27 266	eP	P	01 04 27.6 -0.9
TIC	Toumudi	69.39 267	eP	P	01 04 28.4 -0.9
PMOZ	Porto Moniz, M	69.54 297	eS	S	01 13 35.1 0.0
LIC	Lamto	69.58 266	eP	P	01 04 29.7 -0.8
PEA1	Petrovlovsk	69.76 40	eP	P	01 04 31.4 +0.4
PEA0	Petrovlovsk	69.77 40	eP	P	01 04 35.1 +4.2
PETK	Petrovlovsk	69.77 40	P	P	01 04 31.4 +0.4
PETK	Petrovlovsk	70.11 334	iP	LR	01 39 10.5
ANGG	Ammassalik, Gr	70.11 334	iP	P	01 04 33.1 +0.3
PET	Petrovlovsk	70.34 40	eP	P	01 04 46.9 +1.2
PET	Petrovlovsk	70.34 40	ePS	pS	01 14 24.0 +9.2
PET	Petrovlovsk	70.34 40	eP	MLR	01 04 50.0 +1.6
KULLO	Kullorsuaq	71.36 346	iP	P	01 04 41.0 +0.7
KULLO	Kullorsuaq	71.36 346	iP	P	01 05 01.6
KULLO	Kullorsuaq	71.36 346	iP	P	01 04 41.0 +0.7
KULLO	Kullorsuaq	71.36 346	iP	pmax	01 05 01.6
KULLO	Kullorsuaq	71.36 346	iP	MLR	01 04 41.0 +0.7
MBWA	Marble Bar	71.77 127	PFAKE	LR	01 05 00.0 +1.6
TULEG	Thule	72.16 350	eP	P	01 04 45.6 +0.6
ILULI	Ilulissat	72.96 340	iP	P	01 04 51.0 +1.1
ILULI	Ilulissat	72.96 340	iP	P	01 05 10.5
ILULI	Ilulissat	72.96 340	iP	P	01 04 51.0 +1.1
ILULI	Ilulissat	72.96 340	iP	MLR	01 05 10.5
ILULI	Ilulissat	72.96 340	iP	MLR	01 04 51.0 +1.1
SUR	Sutherland	73.18 218	P	P	01 04 52.3 +0.3
SUR	Sutherland	73.18 218	eP	P	01 04 52.0 0.0
PSMN	Pico do Norte,	74.03 304	eP	P	01 04 57.5 +0.7
SFJD	Kangerlussuaq	74.05 338	PFAKE	LR	01 05 10.0 +1.4
PSMA	Santa Maria	74.07 304	eP	P	01 04 59.0 +1.9
PSET	Sete Cidades	74.19 305	eP	P	01 05 00.2 +2.4
FITZ	Fitzroy Crossi	74.22 121	eP	P	01 05 57.2 -0.9
GUMO	Guam	74.82 82	LR	LR	01 40 22.6
PMAN	Manadas	75.58 306	eP	P	01 05 08.5 +2.8
ROSA	Roisais	75.65 306	eP	P	01 05 06.3 +0.1
PCED	Cedros	76.02 306	eP	P	01 05 09.7 +1.4
NUUK	Nuuk	76.04 336	eP	P	01 05 07.9 0.0
H07S1	FLORES T-PHASE 7	77.47 308	eP	P	01 05 19.8 +3.3
NWAO	Narogin (SRO)	78.05 137	PFAKE	LR	01 05 30.0 +1.0
NWAO	Narogin	78.05 137	LR	LR	01 41 32.2
JAY	Jayapura	78.44 99	LR	LR	01 05 40.2 +3.0
SHEL	Horse Pasture	81.22 247	iP	P	01 05 39.6 +1.1
COLD	Coldfoot	81.64 13	eP	P	01 05 39.6 +1.1
WR1	Warramunga Arr	82.02 117	eP	pP	01 05 55.2 +0.9
WR1	Warramunga Arr	82.02 117	eP	pP	01 05 40.3 -1.0
WRA	Warramunga Arr	82.02 117	eP	pP	01 05 55.2 +0.9
WRA	Warramunga Arr	82.02 117	eP	pP	01 05 55.2 +0.9
WRA	Warramunga Arr	82.02 117	eP	pP	01 42 52.2
WRAB	Tennant Creek	82.02 117	iP	pmax	01 05 40.3 -1.0
WRAB	Tennant Creek	82.02 117	eP	P	01 05 40.3 -1.0
WRAB	Tennant Creek	82.02 117	eP	P	01 05 40.3 -1.0
WRAB	Tennant Creek	82.02 117	eP	P	01 05 40.3 -1.0
WB2	Warramunga Arr	82.03 117	eP	P	01 05 40.3 -1.0
SACV	Santiago Islan	82.08 283	PFAKE	LR	01 05 50.0 +8.1
SACV	Santiago Islan	82.08 283	PFAKE	LR	01 05 50.0 +8.1
FYU	Fort Yukon	83.17 12	eP	P	01 05 51.3 +4.8
INK	Inuvik	83.22 7	eP	P	01 05 47.4 +0.7
INK	Inuvik	83.22 7	eP	P	01 05 47.4 +0.7
INK	Inuvik	83.22 7	eP	P	01 05 47.4 +0.7
FORT	Forrest	83.62 130	eP	P	01 05 49.6 +0.3
ASAR	Alice Springs	83.73 121	eP	P	01 05 49.2 -0.9
ASAR	Alice Springs	83.73 121	eP	pP	01 06 03.8 +0.6
ASAR	Alice Springs	83.73 121	eP	LR	01 42 33.2
ASAR	Alice Springs	83.73 121	eP	LR	01 42 33.2
AS31	Alice Springs	83.73 121	eP	pP	01 05 49.3 -0.9
AS31	Alice Springs	83.73 121	eP	pP	01 06 03.8 +0.6
AS01	Alice Springs	83.76 121	eP	P	01 05 47.8 -2.5
TTA	Tatalina	83.87 18	eP	P	01 05 55.0 +4.7
TTA	Tatalina	83.87 18	eP	pmax	01 05 55.0 +4.7
TTA	Tatalina	83.87 18	eP	P	01 05 55.0 +4.7
TT01	Tatalina	83.89 18	eP	P	01 05 53.1 +2.8
MDM	Murphy Dome	84.01 14	eP	P	01 05 51.5 +0.6
COLA	College	84.16 14	eP	P	01 05 52.9 +1.3
COLA	College	84.16 14	eP	pmax	01 06 00.0 +8.4
COLA	College	84.16 14	PFAKE	LR	01 06 00.0 +8.4
CCB	Clear Creek Bu	84.37 14	eP	P	01 05 54.7 +2.0
IL1	Eielson Array	84.45 13	eP	P	01 05 52.3 -0.8

ILAR	Eielson Array	84.45 13	P	P	01 05 52.7 -0.5
ILAR	Eielson Array	84.45 13	P	P	01 05 52.7 -0.5
ILAR	Eielson Array	84.45 13	P	P	01 05 52.7 -0.5
ILAR	Eielson Array	84.45 13	P	P	01 05 52.7 -0.5
ILB	Eielson Array	84.45 13	eP	P	01 05 52.9 -0.3
ASCN	Ascension	84.64 258	PFAKE	LR	01 06 10.0 +1.6
ASCN	Ascension	84.64 258	PFAKE	LR	01 06 10.0 +1.6
WRH	Wood River Hill	84.47 14	eP	P	01 05 53.7 +0.5
CAST	Castle Rocks	84.47 16	eP	P	01 05 54.2 +0.9
HDA	Harding Lake	84.76 13	eP	P	01 05 53.4 -1.3
MCK	McKinley	84.93 14	eP	P	01 05 59.0 +3.4
MCK	McKinley	84.93 14	eP	pmax	01 05 59.0 +3.4
RND	Reindeer	85.23 15	eP	P	01 05 57.2 0.0
RND	Reindeer	85.23 15	eP	pmax	01 05 57.2 0.0
RND	Reindeer	85.23 15	eP	P	01 05 57.2 0.0
RND	Reindeer	85.23 15	eP	P	01 05 57.2 0.0
EGAK	Eagle	85.51 11	eP	LR	01 05 58.8 +0.4
EGAK	Eagle	85.51 11	eP	LR	01 05 58.8 +0.4
DHY	Denali Highway	85.85 14	eP	P	01 06 01.6 +1.2
DOT	Dot Lake	86.01 13	eP	P	01 06 01.3 +0.3
COEN	Coen	86.14 108	eP	P	01 06 02.1 -0.3
PAX	Paxson	86.34 13	eP	pmax	01 06 04.3 +1.5
PAX	Paxson	86.34 13	eP	pmax	01 06 04.3 +1.5
PAX	Paxson	86.34 13	eP	P	01 06 04.3 +1.5
DAWY	Dawson	86.46 11	eP	P	01 06 04.0 +0.7
MENT	Mentasta	86.72 13	eP	P	01 06 06.4 +1.9
SML	Sawmill	86.74 15	eP	P	01 06 06.9 +2.2
SML	Sawmill	86.74 15	eP	P	01 06 05.1 +0.4
SCM	Sheep Creek Mo	86.95 15	eP	P	01 06 09.2 +3.5
SCM	Sheep Creek Mo	86.95 15	eP	P	01 06 06.8 +1.1
PMG	Port Moresby	87.36 102	eP	pmax	01 06 09.7 +1.3
PMG	Port Moresby	87.36 102	eP	pmax	01 06 09.7 +1.3
PMG	Port Moresby	87.36 102	eP	pmax	01 06 20.0 +1.2
PMG	Port Moresby	87.36 102	eP	pmax	01 06 20.0 +1.2
BRK	Bradley Lake	87.88 17	eP	P	01 06 13.6 +3.4
BRK	Bradley Lake	87.88 17	eP	pP	01 06 24.9 +1.6
DIV	Divide	87.92 14	eP	P	01 06 15.1 +4.7
SCHO	Schefferville	87.99 335	eP	P	01 06 10.7 -0.1
SCHO	Schefferville	87.99 335	eP	P	01 06 11.3 +0.5
BMRM	Bremner River	88.33 14	eP	P	01 06 14.0 +1.7
BALM	Baldy	88.73 13	eP	pmax	01 06 16.1 +1.8
BALM	Baldy	88.73 13	eP	pmax	01 06 16.1 +1.8
BALM	Baldy	88.73 13	eP	P	01 06 16.1 +1.8
CALM	Circle	88.82 13	eP	P	01 06 19.1 +4.3
KDAK	Kodiak Island	89.09 19	eP	P	01 06 19.3 +3.5
KDAK	Kodiak Island	89.09 19	eP	LR	01 06 16.6 +0.7
KDAK	Kodiak Island	89.09 19	eP	LR	01 06 16.6 +0.7
HYT	Haines Junction	89.81 11	eP	P	01 06 21.0 +1.6
YKA	Yellowknife Ar	90.06 360	eP	P	01 06 20.5 +0.2
YKBS	Yellowknife Ar	90.06 360	eP	P	01 06 20.4 +0.2
CTAO	Charters Tower	91.70 112	eP	pmax	01 06 28.1 -0.5
CTAO	Charters Tower	91.70 112	eP	pmax	01 06 28.1 -0.5
CTAO	Charters Tower	91.70 112	eP	MLR	01 06 28.1 -0.5
CTAO	Charters Tower	91.70 112	eP	MLR	01 06 28.1 -0.5
CTAO	Charters Tower	91.70 112	eP	P	01 06 28.1 -0.5
CTAO	Charters Tower	91.70 112	eP	P	01 06 28.1 -0.5
FCC	Fort Churchill	92.08 349	eP	pmax	01 06 30.5 +0.8
FCC	Fort Churchill	92.08 349	eP	pmax	01 06 30.5 +0.8
FCC	Fort Churchill	92.08 349	eP	P	01 06 30.5 +0.8
STKA	Stevens Creek	93.84 124	eP	P	01 06 37.6 -0.7
STKA	Stevens Creek	93.84 124	eP	P	01 06 37.6 -0.7
STKA	Stevens Creek	93.84 124	eP	pP	01 06 53.5 +2.0
WRAK	Wrangell Islan	94.84 10	PFAKE	LR	01 06 50.0 +7.5
WRAK	Wrangell Islan	94.84 10	PFAKE	LR	01 06 50.0 +7.5
MAW	Mawson	95.09 181	P	P	01 06 42.6 -0.5
MAW	Mawson	95.09 181	P	P	01 41 52.6
MAW	Mawson	95.09 181	P	P	01 06 43.8 +0.8
MAW	Mawson	95.09 181	P	P	01 06 42.5 -0.5
PKME	Peaks-Kenny Pk	96.31 300	PFAKE	LR	01 07 00.0 +1.1
FFC	Flin Flon	97.10 353	PFAKE	LR	01 07 00.0 +7.1
FFC	Flin Flon	97.10 353	PFAKE	LR	01 07 00.0 +7.1
SYO	Syowa Base	98.29 189	eP	Pdf	01 07 08.0 +1.0
HNR	Honiara	98.56 96	PFAKE	LR	01 07 10.0 +1.0
HNR	Honiara	98.56 96	PFAKE	LR	01 07 10.0 +1.0
LONY	Lake Ozonia	99.11 332	PFAKE	LR	01 07 10.0 +7.9
LONY	Lake Ozonia	99.11 332	PFAKE	LR	01 07 10.0 +7.9
CAN	Canberra	100.91 124	PFAKE	LR	01 07 20.0 +1.0
CAN	Canberra	100.91 124	PFAKE	LR	01 07 20.0 +1.0
BINY	Binghamton	101.68 332	PFAKE	LR	01 07 20.0 +6.4
BINY	Binghamton	101.68 332	PFAKE	LR	01 07 20.0 +6.4
EYMN	Ely	101.76 344	PFAKE	LR	01 07 30.0 +1.6
EYMN	Ely	101.76 344</			

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like RCBR Riachuelo, TAM Tamnassass, MDT Midelt, etc.

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like BR231 Keskin Arr, BRTR Keskin Array B, BR131 Keskin Array S, etc.

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like TWC01 baz=278, ALS Alishan, ALS baz=236, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAOU Raoul Island, DZM Mont Dzumac, PPT2 Papeete2, etc.

NIED 10 04:29:00.39:10N:142.40E, h35km, Mw4.5 Best double couple: M6.27000x1015 NP1.0x324.00000, 819.00000, lambda=117.00000. NP2.0x171.00000, 873.00000, lambda=81.00000.
JMA 10 04:29:44.1, 39:03N:142:85E, h46km, mb4.7/28, mb4.8/17, Ms4.3/11, Ms7.4/2/11
MOS 10 04:29:45.6: 1.1, 39:17N:142:42E, h26km, mb4.7/23, Error ellipse: s-maj=6.5km s-min=5.9km az=86.5
ISCJB 10 04:29:47.3: 0.6, 39:12N:142:40E: 0.04, h41km, 4km, mb4.4/52, MS3.7/19, Error ellipse: s-maj=6.4km s-min=3.9km az=37.4
JMA 10 04:29:47.2: 0.1, 39:16N:142:40E, h34km, 1km, M4.4 JMA Fell II J1
IDC 10 04:29:48.0: 0.5, 39:10N:142:46E, h36km, 4km, mb4.1/20, mb1.4/2/25, mb1mx4.1/48, mbtmp4.3/25, ML3.7/5, MS3.6/20, Ms1.3/6/20, ms1mx3.5/36, Error ellipse: s-maj=15.6km s-min=11.4km az=116.0
NEIC 10 04:29:50.6: 0.7, 39:10N:142:38E, h59km, 6km, mb4.5/19, Error ellipse: s-maj=8.0km s-min=4.7km az=132.0
NEIC Recorded [2 JMA] in Wake and Miyaga
ISC 10 04:29:58.2: 0.6, 39:15N:142:45E: 0.05, h33km, 2km, h33km: p-P, 1.142, e1570/149, mb4.5/52, MS3.8/20, 13C-2D, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MA2 Magadan, HHC Hu-ho-hao-te, HHC comp=Z, 18nm, 1.0s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSH comp=Z, 1.170nm, 6.0s, DAWY Dawson, INK Inuvik, etc.

MAN 10 04:32:42.9: 030N:126:50E, h33km, mb4.6, ML3.5, MS3.5, 3C-3D, Mindanao
Code Station Name Az Az' Phase ID Time Res ISC
BIPH Bislig 0.85 189f eP S 04 32 58.5 +0.2
BIFH Cagayan de Oro 1.88 252f eS S 04 33 09.5 0.0
CGP Cagayan de Oro 1.88 252f eS S 04 33 12.6 +0.8
PLP Palo 2.60 325f eS S 04 33 35.3 +0.9
PLP Palo 2.60 325f eS S 04 33 54.1 +1.9
TBP Tagbilaran 2.69 284 eP S 04 33 26.7 -2.8
LLP Lapu-Lapu 2.81 297f eP S 04 33 26.9 +0.8
LLP Lapu-Lapu 2.81 297f eP S 04 33 57.5 +1.1
CTBH Cotabato-PC H 2.87 231 fP P 04 33 28.1 +2.6
RCP Roxas 4.47 305 fP P 04 33 50.0 +2.5
NIED 10 04:48:00.35: 70N: 141: 50E, h5km, Mw4.2 Best double couple: M6.196000x1015 NP1.0x330.00000, 86.00000, lambda=118.00000. NP2.0x178.00000, 885.00000, lambda=87.00000.
ISCJB 10 04:48:32.8: 1.8, 35:66N: 0:04: 141: 62E: 0:09, h2km, 10km, mb3.6/4, MS3.0/3, Error ellipse: s-maj=11.7km s-min=7.0km az=07.0
IDC 10 04:48:33.3: 1.4, 35:49N: 141: 62E: 0:09, h0km, mb3.7/4, mb1.3/6/m, ms1mx3.5/30, mbtmp3.6/6, ML3.0/2, MS3.0/6, Ms1.3/1/6, ms1mx2.8/49, Error ellipse: s-maj=31.5km

Broadband fault plane solution: P waves. NP1: $\phi_1=359.0000^\circ; \delta_2=0.0000^\circ; \lambda_2=0.0000^\circ$. NP2: $\phi_2=195.0000^\circ; \delta_2=9.0000^\circ; \lambda_2=104.0000^\circ$. Principal axes: T $Plg72.0000^\circ$; Azm252.0000 $^\circ$; N $Plg7.0000^\circ$; Azm3.0000 $^\circ$; P $Plg17.0000^\circ$; Azm95.0000 $^\circ$.

JMA Felt II J1.

1DC 10.06:17.34.4-1.9, 36.06N:139.94E, h2km, 15km, mb3.6/14, mb1.3/8/15, mb1mx3.6/44, mbtmp4.0/15, MS2.4/1, MS1.2/4/1, ms1mx2.1/29, Error ellipse: s-maj=26.1km s-min=7.3km az=64.0

ISC 10.06:17.33.4-0.8, 36.07N:0.044003E:0.06, h72km, 6km, $\phi_1=193.0, \delta_2=66.97, \lambda_2=103.9/14, 1C-6D$, Near east coast of eastern Honshu

1DC 10.06:47.06.7.0.5, 9.48S:159.52E, h0km, mb4.3/15, mb1.4/4/16, mb1mx4.4/28, mbtmp4.2/16, ML3.6/1, MS3.6/11, MS1.3/6/11, ms1mx3.4/34, Error ellipse: s-maj=17.0km s-min=13.0km az=166.0

ISCJBJ 10.06:47.09.3.0.3, 9.39S:0.05:159.43E:0.04, h26km, mb4.3/18, MS3.4/9, Error ellipse: s-maj=7.7km s-min=5.0km az=169.1

NEIC 10.06:47.12.4.0.4, 9.40S:159.53E, h35km, mb4.4/5, Error ellipse: s-maj=10.1km s-min=8.2km az=140.0

ISC 10.06:47.11.3.0.4, 9.40S:0.07:159.49E:0.05, h26km, n59, $\phi_1=193.0, \delta_2=66.97, \lambda_2=103.9/14, 1C-6D$, Near east coast of eastern Honshu

ms1mx3.0/23, Error ellipse: s-maj=29.2km s-min=14.8km az=98.0

ISC 10.07:01:07.31.0.20, 35S:0.06:68.8W:0.1, h104km, n13, $\phi_2=30.10, \delta_2=10.0, \lambda_2=104.0$, Chile-Bolivia border region

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
LVC	Limon Verde	2.25	182	Op	07 01 46.3	+2.7
LVC	855nm, 0.3s, baz=29, slow=10, SNR=165			S		
LVC	810nm, 0.3s, baz=53, slow=20, SNR=67			S	07 02 12.9	+1.6
LPAZ	La Paz	4.09	9	P	07 02 11.6	+3.2
SIV	San Ignacio	6.55	61	P	07 03 08.5	+0.2
SIV	1.7nm, 0.3s, baz=252, slow=14, SNR=31			LR	07 07 17.0	
CPUP	Villa Florida	12.12	122	P	07 03 57.3	+0.9
PLCA	Paso Flores	20.37	184	P	07 05 32.3	-3.4
PTGA	Pitinga	21.34	25	P	07 05 44.3	-1.9
TXAR	Lajitas Array	59.74	325	P	07 11 00.3	-1.1
DBIC	Dimbokro	68.34	74	P	07 11 58.0	+0.1
TORD	Tordi Ar. Bea	76.90	71	P	07 12 48.5	-0.1
AFI	Afiama	96.99	252	LR	07 49 37.6	
H1152	WAKE ISLAND Hy127.80 278			T	09 39 53.8	
H1151	WAKE ISLAND Hy127.80 278			T	09 59 57.8	
H1153	WAKE ISLAND Hy127.80 278			T	09 59 57.8	

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
JYT	Yasato	0.21	41	Op	06 17 44.3	+0.1
JYT	Ashikaga	0.58	307	Op	06 17 52.0	-0.2
JAG	Ryogami san	0.91	267	Op	06 17 47.3	+0.1
JRY	Ryogami san	0.91	267	Op	06 17 51.2	+0.3
JRY	Katashina	0.93	218	Op	06 18 04.4	+0.4
JKT	Katashina	0.93	218	Op	06 17 51.3	+0.1
JOD2	Odawara 2	1.11	224	Op	06 18 05.0	+0.5
JOD2	Boso 3	1.33	163	Op	06 17 53.5	+0.2
BSO3	Boso 3	1.33	163	Op	06 18 07.8	-0.5
JYN	Shimob	1.33	245	Op	06 17 56.1	+0.2
JYJ	Yanaizu	1.36	349	Op	06 17 57.0	+0.7
JFY	Matsushiro Arr	1.54	288	Op	06 18 14.0	+0.5
MJAR	64nm, 0.3s, baz=92, slow=7.9, SNR=248			S	06 17 56.9	+0.4
MJAR	40nm, 0.3s, baz=79, slow=20, SNR=16			S	06 18 15.3	+1.4
MJAR	40nm, 0.3s, baz=79, slow=20, SNR=16			S	06 17 52.1	+0.3
MAT	Matsushiro	1.54	288	Op	06 18 17.9	-0.4
MAT	Hachiojima 2	2.95	184	Op	06 17 59.8	+0.8
JHJ	Hachiojima 2	2.95	184	Op	06 18 19.3	+1.0
JHJ	48nm, 0.3s, baz=347, slow=3.3, SNR=13			S	06 18 17.8	-0.2
JHJ	105nm, 0.3s, baz=233, slow=10, SNR=10			S	06 18 53.8	+1.5
KSRS	Korea Array	9.81	292	LR	06 23 42.2	
SOMN	Songino Array	27.42	306	P	06 23 11.6	-0.6
H112	WAKE ISLAND Hy 28.66 117			T	06 53 41.0	
H111	WAKE ISLAND Hy 28.66 117			T	06 53 41.5	
H113	WAKE ISLAND Hy 28.66 117			T	06 53 41.0	
H1151	WAKE ISLAND Hy 29.32 120			T	06 54 29.2	
H1153	WAKE ISLAND Hy 29.32 120			T	06 54 30.2	
H1152	WAKE ISLAND Hy 29.32 120			T	06 54 29.1	
ZALV	Zalesovo Beam	41.75	313	P	06 25 14.9	-0.2
ZALV	0.9nm, 0.4s, baz=86, slow=9.1, SNR=7.6			PcP	06 27 09.6	-0.6
ILAR	Eielson Array	50.90	32	P	06 26 27.4	+0.6
FITZ	Fitzroy Crossi	55.57	197	P	06 27 01.6	+0.2
WRA	Warramunga Arr	55.97	186	P	06 27 03.4	-0.9
ASAR	Alice Springs	59.70	187	P	06 27 31.8	+1.4
ARCS	ARCS Array B	64.50	339	P	06 28 01.9	-0.1
FINES	FINES Array B	64.13	332	P	06 28 30.6	-0.9
KBZ	Khabaz	70.67	110	P	06 28 41.1	-0.2
AKASG	Malin Array Be	74.37	322	P	06 29 02.8	-0.3
NB2	NORSAR Subarra	74.63	337	P	06 29 04.2	-0.3
NOA	NORSAR Array B	74.63	337	P	06 29 04.2	-0.3
BRTR	Keskin Array B	78.64	311	P	06 29 27.7	0.0
GERES	GERES Array B	82.93	328	P	06 29 49.8	-0.5
TXAR	Lajitas Array	91.59	32	P	06 30 33.7	+1.1

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
HNR	Honiara	0.45	94	Op	06 47 19.7	-1.0
HNR	15um, 0.3s, baz=47, slow=19, SNR=36			S	06 47 26.5	-2.8
HNR	Honiara	0.45	94	P	06 47 19.5	-1.2
HNR	Honiara	0.45	94	P	06 47 29.0	-0.3
HNR	Honiara	0.45	94	P	06 47 19.7	-1.0
HNR	Honiara	0.45	94	P	06 47 19.8	-1.0
HNR	Honiara	0.45	94	P	06 47 26.5	-2.5
PMG	Port Moresby	12.17	269	Op	06 50 05.3	+2.2
PMG	0.3nm, 0.3s, baz=253, slow=3.6, SNR=1.9			LR	06 54 33.7	
DZM	Mount Dzumac	14.26	153	Op	06 50 32.1	+0.4
DZM	0.3nm, 0.3s, baz=227, slow=3.7, SNR=3.0			LR	06 55 38.3	
DZM	0.3nm, 0.3s, baz=227, slow=3.7, SNR=3.0			LR	06 50 42.3	+3.6
DZM	23nm, 1.0s			eLR	06 55 53.7	
COEN	Coen	16.61	253	ePn	06 51 03.0	+0.5
CTA	Charters Tower	16.62	239	Pn	06 51 04.9	-0.1
CTA	0.3nm, 0.3s, baz=307, slow=14, SNR=41			P	06 51 04.9	-0.1
CTA	Charters Tower	16.62	239	ePn	06 51 04.9	-0.1
MUSO	Mount Surprise	17.09	238	P	06 51 08.3	-0.4
EIDS	Eidsvold	17.78	206	P	06 51 18.5	+0.8
EIDS	Eidsvold	17.78	206	ePn	06 51 17.0	-0.7
RMQ	Roma	19.80	210	P	06 51 40.6	-1.0
KWJ	Kwajalein Atol	19.81	24	P	06 51 39.8	-0.2
JAY	Jayapura	19.89	289	P	06 51 41.2	+0.2
JAY	0.2nm, 0.3s, baz=88, slow=23, SNR=7.2			LR	06 59 35.4	
QIS	Qais	22.15	238	P	06 52 04.9	-0.5
ARMA	Armada	22.16	196	P	06 52 06.3	+0.9
QLP	Quilpie	22.38	218	P	06 52 06.3	-1.4
WR0	Warramunga Arr	26.28	244	P	06 52 43.2	-1.7
WRAB	Tennant Creek	26.44	244	eP	06 52 44.9	-1.5
WRA	Warramunga Arr	26.45	244	P	06 52 45.0	-1.5
WRA	3.6nm, 0.6s, baz=73, slow=11, SNR=24			PcP	06 56 11.6	+0.1
GUMO	Guam	27.06	327	LR	07 03 35.9	
STKA	Stevens Creek	27.85	214	P	06 52 57.6	-1.3
STKA	2.8nm, 0.7s, baz=40, slow=15, SNR=4.2			LR	07 03 41.5	
STKA	Stevens Creek	27.85	214	P	06 52 58.9	0.0
ASAR	Alice Springs	28.26	237	P	06 53 00.2	-2.5
ASAR	1.1nm, 0.6s, baz=62, slow=9.3, SNR=25			PcP	06 56 15.3	-0.5
ASAR	1.1nm, 0.6s, baz=64, slow=9.2, SNR=6.5			PcP	07 03 52.6	
AFI	Afiama	28.48	102	LR	07 07 22.9	
KNRA	Kunurra	30.61	255	P	06 53 23.0	-0.5
BBOO	Buckelebo	31.79	219	P	06 53 32.5	-1.3
URZ	Urewera	32.81	154	P	06 53 45.3	+2.6
WRK	Warak	33.49	238	P	06 53 46.7	-2.1
FITZ	Fitzroy Crossi	33.95	252	P	06 53 51.2	-1.6
KMBL	Kambalda	41.17	232	P	06 54 52.4	-1.5
MEEK	Meekatharra	42.26	241	P	06 55 01.7	-1.1
TGY	Tagay City	44.81	301	LR	07 11 27.2	
MJAR	Matsushiro Arr	49.09	338	P	06 56 01.4	-1.3
MJAR	0.6nm, 0.4s, baz=175, slow=7.6, SNR=3.4			LR	07 16 47.6	
PPT2	Papeete	50.06	105	eLR	07 03 22.0	+7.5
PPT2	150nm, 23.0s			eLR	07 10 37.0	
TBI	Tubauo Array	50.65	112	eLR	07 11 08.0	
KSRS	Korea Array	55.20	300	P	06 56 42.1	+0.2
KSRS	0.7nm, 0.5s, baz=144, slow=8.4, SNR=4.2			LR	07 20 50.9	
USKR	Wonju Array Be	55.21	329	P	06 56 42.1	+0.1
USKR	Ussuriysk Arr.	58.88	337	P	06 57 07.7	-0.2
USKR	1.8nm, 0.8s, baz=128, slow=9.5, SNR=3.4			LR	07 20 57.4	
TAEU	Nuku Hiva Isl	59.53	95	eLR	07 15 02.3	
PETK	Petrovsk	62.28	359	P	06 57 30.9	0.0
RIKITA	Rikitea	63.92	111	eLR	07 17 12.7	
CMAR	Chang Mai Arr	65.83	295	P	06 57 56.0	+1.0
CMAR	1.3nm, 0.5s, baz=120, slow=5.3, SNR=5.5			LR	07 25 22.9	
VNDA	Vanda	68.11	179	P	06 58 08.3	-0.2
SONM	Songino Array	73.73	326	P	06 58 44.3	+0.8
MAW	Mawson	83.90	203	P	06 59 38.0	-0.6
ILAR	Eielson Array	84.02	20	P	06 59 38.4	-0.7
EGAK	Eagle	86.05	22	eP	06 59 50.2	+0.9
DAWY	Dawson	86.34	23	eP	06 59 52.1	+1.2
ZALV	Zalesovo Beam	86.72	325	P	07 00 01.0	-1.1
YKA	Yellowknife Ar	96.37	28	P	07 00 37.3	-0.2
PDAR	Pinedale Array	97.00	48	P	07 00 41.8	+0.6
TXAR	Lajitas Array	100.47	62	Pdf	07 00 59.4	+2.5
LPAZ	La Paz	126.41	118	PKP	07 06 13.2	-0.5
ROSC	Rosalia	126.45	91	PKP	07 06 13.0	-0.6
SDV	Santo Domingo	130.54	86	PKP	07 06 20.6	-0.5
PTGA	Pitinga	139.44	102	PKP	07 06 36.8	-0.7
TORD	Tordi Ar. Bea	157.91	282	PKP	07 07 06.4	-0.4

NIED 10.07:03:00, 38.00N:141.70E, h68km, Mw3.8 Best double couple: $M_0=2.100 \times 10^{14}$ NPI: $\phi_1=349.0000^\circ; \delta_2=44.0000^\circ; \lambda_2=130.0000^\circ$. NP2: $\phi_2=237.0000^\circ; \delta_2=87.0000^\circ; \lambda_2=130.0000$

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like RUGZ Raukumara Rang, TWGZ Tauwhareparae, OUZ Omaha, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like SNAA Snaae, MJAR Matsushiro Arr, PLCA Paso Flores, etc.

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like WUAT Wupatki, CUUZ Cedar City, KNB Kanab, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NORSAR Array S, KONO Kongsberg, AKASG Malin Array Be, etc.

IDC 10 07:13:37.2; 15.0, 6.78S; 106.66W, h0km, mb3.6/4, mb1 4.1/4, mb1mx3.7/28, mbtmp3.6/4, MS3.8/5, Ms1 3.8/5, s-min1mx3.4/2k, Error ellipse: s-maj=54.3km

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

CRAAG 10 07:22:11.9, 36.84N; 3.34E, M4.3, CSEM 10 07:22:12.9; 0.2, 36.83N; 3.46E, h2km, ML4.3, Error ellipse: s-maj=5.4km s-min=3.9km az=108.0

LDG 10 07:22:15.7, 36.67N; 3.46E, h30km MDD 10 07:22:19.1; 1.3, 37.20N; 3.19E, h0km, mb3.2/12, Error ellipse: s-maj=14.0km s-min=7.2km az=133.0, PRXIMO

ISC 10 07:22:13.0; 1.0, 36.85N; 0.04; 3.41E; 0.02, h166km, n19, 119, 119, Northern Algeria

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ABMS Boumerdes, ABA Alger-Bouzarea, ADJB Djebel Djouab, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like OKGL Djebel Kef Gue, EIBA Ibiz, EIBI Ibiz, etc.

Main table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like EMOS Mosqueruela, EMOS Horta de San J, ERTA Horta de San J, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like AVF Avril sur Loir, CABF La Chapelle, SFTF Sextfontaines, etc.

ISCJB 10 07:35:25.8; 0.9, 8.1N; 0.1; 39.55W; 0.1, h14km, mb4.1/8, MS3.7/4, Error ellipse: s-maj=20.6km s-min=17.4km az=172.4

IDC 10 07:35:25.5; 1.1, 8.14N; 39.55W, h0km, mb4.1/8, mb1 4.3/9, mb1mx3.5/0, mbtmp4.2/9, ML3.9/1, MS3.7/4, Ms1 3.7/4, ms1mx3.0/36, Error ellipse: s-maj=33.5km s-min=21.8km az=129.0

ISC 10 07:35:27.5; 1.0, 8.1N; 0.1; 39.55W; 0.2, h14km, n17, 17, 17, Central Mid-Atlantic Ridge

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

IDC 10 07:44:05.4; 4.4, 3.49S; 150.84E, h134km, 39km, mb3.4/3, mb1 3.6/5, mb1mx3.2/37, mbtmp3.9/5, Error ellipse: s-maj=92.8km s-min=27.6km az=126.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, PMG Charta Tower, CTA Warramunga Arr, etc.

IDC 10 07:54:31.6; 1.8, 19.94S; 133.91E, h0km, mb1 3.8/3, mb1mx3.6/17, mbtmp3.7/3, ML3.7/3, Error ellipse: s-maj=21.8km s-min=12.5km az=167.0, Northern Territory

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

ATH 10 07:56:08.7, 40.37N; 21.26E, h24km, ML2.5/9, Error ellipse: s-maj=1.2km s-min=0.8km az=312.0

ISCJB 10 07:56:09.6; 0.4, 40.39N; 0.02; 21.27E; 0.03, h14km, 3km, Error ellipse: s-maj=4.1km s-min=3.1km az=16.3

CSEM 10 07:56:09.3; 0.1, 40.39N; 21.27E, h12km, ML2.5, Error ellipse: s-maj=3.5km s-min=2.4km az=97.0

THE 10 07:56:09.8, 40.37N; 21.25E, h9km, 1km, ML2.7/8, Error ellipse: s-maj=1.3km s-min=0.6km az=339.0

ISC 10 07:56:09.3; 0.8, 40.38N; 0.02; 21.26E; 0.02, h14km, 6km, n19, 119, 119, Greece

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

10d 8h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BIA Bitola, KONT Konya-Tatoy, and others.

ISK 10 08:29:09.7, 37.34N, 37.47E, h7km, MD2.9
CSEM 10 08:29:11.8, 0.6, 37.59N, 37.50E, h8km, MD2.9, Error
ellipse: s-maj=15.9km s-min=12.3km az=137.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like GZT Gaziantep, KMRS Kahramanmaras, and others.

ISK 10 08:37:01.8, 38.19N, 31.67E, h5km, MD2.9
CSEM 10 08:37:02.9, 0.4, 38.18N, 31.63E, h2km, MD2.9, Error
ellipse: s-maj=7.8km s-min=5.4km az=123.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KDHN Kadinhani, LADK Ladik-KONYA, and others.

2011 AUG

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KONT Konya-Tatoy, KMER Konya-Meram, and others.

MEX 10 08:43:32.2, 0.5, 13.95N, 93.21W, h5km, MD3.8, Off coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CCIG Comitán, CCIG CCIG.

ISC/JB 10 08:48:30.9, 0.8, 37.31N, 0.06, 28.23E, 0.05, h0km, Error
ellipse: s-maj=9.0km s-min=4.0km az=28.8

CSEM 10 08:48:30.6, 0.5, 37.34N, 28.18E, h19km, 1km, MD2.4, Error
ellipse: s-maj=8.0km s-min=6.5km az=36.0

ISK 10 08:48:30.4, 37.33N, 28.18E, h17km, MD2.4
DDA 10 08:48:31.4, 37.22N, 28.24E, h7km, MD2.6, Suspected

ISC 10 08:48:30.4, 0.9, 37.31N, 0.04, 28.26E, 0.04, h0km, n17,
n0564/25, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MLSB Milas, TURN Turunc, DALY Dalyan, and others.

JMA 10 08:55:01.8, 23.20N, 121.58E, h45km, 2km, M3.1
ISC/JB 10 08:55:02.3, 0.3, 23.19N, 121.68E, 0.02, h31km, 2km, Error
ellipse: s-maj=3.1km s-min=2.2km az=141.9

TAP 10 08:55:02.8, 23.22N, 121.59E, h43km, ML3.5, C
ISC 10 08:55:01.7, 1.1, 23.20N, 121.66E, 0.02, h20km, 6km, n58, n073/104, 1C-1D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CHKT Chengkung, TWF1 Tuli, EHY Hungye, and others.

ISC 10 08:56:00.43, 80N, 147.50E, h56km, Mw3.6 Best double
couple: M2 73000, 1014 NP1: 84.00000, 816.00000,
1.167, 0.00000, NP2: 187.00000, 886.00000, 1.74, 0.00000

IDC 10 08:56:44.5, 48.5, 43.97N, 146.60E, h0km, mb3.7/3,
mb1.4/1.4, mb1mx3.5/41, mbtmt3.7/4, ML3.1/1, Error
ellipse: s-maj=368.9km s-min=74.3km az=108.0

MOS 10 08:56:55.7, 3.3, 44.22N, 147.68E, h52km, mb4.4/1, Error
ellipse: s-maj=16.6km s-min=10.2km az=78.6

ISC/JB 10 08:56:55.4, 0.7, 44.11N, 147.65E, 0.07, h62km, 9km,
mb3.8/5, Error ellipse: s-maj=11.5km s-min=5.0km
az=44.3

JMA 10 08:56:56.2, 0.2, 43.85N, 147.48E, h10km, M4.2
SKHL 10 08:56:56.9, 0.1, 44.12N, 147.60E, h71km, mb4.9/3
ISC 10 08:56:56.6, 0.9, 44.07N, 147.70E, 0.07, h53km, 7km,
n40, n1924/48, mb3.9/5, 4D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KUR Kuril'sk, YUK Yuzh-Kuril'sk, and others.

444

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CHN1 Nanshi, TWK Hsinying, TAW Tawu, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station details like frequency and power.

MEX 10 09:10:42.1±0.6, 18°13'N, 103°42'W, h5km, MD3.6, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for Mexico stations.

ISK 10 09:12:58.0, 36°13'N, 36°98'E, h5km, MD2.9
NSSC 10 09:12:59.6, 1.5, 36°32'N, 37°12'E, h7km, 15km, MD1.2, ML2.1
ISCJB 10 09:13:00.7±0.8, 36°26'N, 0°02:36:97E±0.05, h6km, 7km, Error ellipse: s-maj=6.2km s-min=4.1km az=10.0
DDA 10 09:13:00.3, 36°28'N, 37°00'E, h7km, ML2.9
CSEM 10 09:13:01.3±0.3, 36°30'N, 36°97'E, h10km, ML2.1, Error ellipse: s-maj=7.0km s-min=6.2km az=131.0
ISC 10 09:12:59.9, 1.1, 36°26'N, 0°02:36:97E±0.02, h5km, 10km, n28, 0°58'51, Jordan-Syria region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for various international stations.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for MARH and DARE stations.

10 09:13:57.8±1.3, 30°03'S, 176°29'W, h0km, mb3.9/4, mb1.4/2/6, mb1mx3.9/29, mbtmp4.0/6, ML3.9/2, MS3.5/6, Ms1.3/5/6, ms1mx3.1/28, Error ellipse: s-maj=27.6km s-min=23.5km az=20.0
ISCJB 10 09:13:58.5±1.0, 30°17'S, 0°04:176:2W±0.1, h24km, mb4.5/11, MS3.5/5, Error ellipse: s-maj=13.3km s-min=6.2km az=177.5
NEIC 10 09:13:59.4±0.9, 29°80'S, 176°25'W, h10km, mb4.3/4, Error ellipse: s-maj=24.2km s-min=15.3km az=201.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for a large number of international stations including RAO, PKGZ, HAZ, PUZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for stations in the 10d 9h region, including YSS, USRK, KSRK, etc.

KRSC 10 09:20:25.4±0.8, 53°58'N, 160°30'E, h50km, 16km, ML3.9, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details for stations in the Kamchatka Peninsula region.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like AKS Akhisar, Zeytinkoy-Aydi, Simav-Kutahya, etc.

IDC 10 11:21:17.6:2.6, 20:21'S:177.75'W, h481km, mb3.1/7, mb1 3.4/8, mb1mx3.2/23, mbtmp4.0/8, Error ellipse: s-maj=41.4km s-min=15.2km az=147.0

ISCJB 10 11:21:18.2:0.6, 19:85.0:1:177.9W:0:1, h500km, mb3.5/7, Error ellipse: s-maj=20.9km s-min=8.6km az=37.5

ISC 10 11:21:18.9:0.7, 19:95.0:2:177.8W:0:2, h500km, n16, r181:17, mb3.5/7, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like AFI Afiamalu, HAZ Te Kaha, PKGZ Pakihoroa, etc.

IDC 10 12:07:03.9:1.6, 2:21'N:128.51'E, h0km, mb3.7/7, mb1 4.0/8, mb1mx3.7/33, mbtmp3.8/8, ML4, 3:1, MS2, 9/4, Ms1 2.9/4, ms1mx2.6/30, Error ellipse: s-maj=76.5km s-min=17.8km az=90.0

ISC 10 12:07:14.1:0.8, 2:21'N:0:1:128.8'E:0:2, h92km, n19, r29:19,0, mb3.7/6, 1D, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like SJU Sorong, CTBH Cotabato-PC, TGy Tagaytay City, etc.

IDC 10 12:16:05.4:5, 5:36:39'S:87.5'E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.7/5, mbtmp3.9/4, MS3.8/11, Ms1 3.7/11, ms1mx3.4/31, Error ellipse: s-maj=220.5km s-min=35.9km az=25.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, etc.

ISCJB 10 12:27:47.1:0.4, 38:14'N:0:04:74:37'E:0:06, h158km, mb3.4/5, Error ellipse: s-maj=7.7km s-min=3.8km az=149.6

IDC 10 12:27:47.4:3.4, 37:95'N:74:20'E, h160km, mb3.3/5, mb1 3.4/10, mb1mx3.1/56, mbtmp3.8/10, Error ellipse: s-maj=32.3km s-min=23.8km az=37.0

KRNET 10 12:27:48.1:0.1, 38:36'N:74:37'E, mb3.5, NNC 10 12:25:53.9:0.3, 80'N:74:20'E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=75.3km s-min=57.4km az=168.0

ISC 10 12:27:49.0:8, 38:11'N:0:07:57:47'E:0:06, h158km, n32, r136:40, mb3.5/5, 11C-10D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KSH Kashi, DRK Karamyk, BTK Batken, etc.

ISCJB 10 12:28:56.7:0.6, 41:13'N:0:03:43:97'E:0:03, h5km, 5km, Error ellipse: s-maj=5.5km s-min=3.4km az=145.3

CSEM 10 12:28:56.8:0.2, 41:15'N:43:94'E, h5km, ML2.8, Error ellipse: s-maj=4.4km s-min=2.7km az=141.0

TIF 10 12:28:56.3, 41:15'N:43:99'E, h17km, DDA 10 12:28:57.0, 41:17'N:43:86'E, h7km, Md2.9

ISC 10 12:28:57.1:0.1, 41:16'N:0:03:43:95'E:0:02, h12km, 8km, n26, r69:69/50, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like BGD Bogdanovka, KZR Kazreti, AKH Akhalkalaki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ARTV Agillar, DAGI Agillar, CHVG Ch'k'valeri, etc.

IDC 10 13:09:46.5:3.8, 18:93'S:175:65'W, h156km, 34km, mb4.4/21, mb1 4.5/21, mb1mx4.4/27, mbtmp4.8/21, Error ellipse: s-maj=14.4km s-min=13.5km az=179.0

ISCJB 10 13:09:49.4:0.2, 19:07'S:0:03:175:73'W:0:05, h200km, mb4.6/73, Error ellipse: s-maj=6.7km s-min=4.2km az=17.6

NEIC 10 13:09:51.5:1.7, 19:06'S:175:70'W, h207km, 16km, mb4.7/44, Error Ellipse: s-maj=8.0km s-min=5.9km az=166.0

BJJ 10 13:09:54.9, 18:75'S:175:30'W, h248km, mb4.6/29, mb4.8/18

MOS 10 13:09:58.2:1.4, 19:53'S:176:35'W, h245km, mb5.4/5, Error ellipse: s-maj=16.3km s-min=15.3km az=100.3

ISC 10 13:09:59.0:3, 19:11'S:0:05:175:80'W:0:06, h200km, n224, r169:222, mb4.6/73, 20C-27D, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MSVF Nonavau, AFI Afiamalu, RAO Raoul Island, etc.

n15.0686/21,mb3.7/5,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ONAJ, JHO, JFK, etc.

Error ellipse: s-maj=3.1km s-min=2.4km az=9.0

NSCC 10 17:19:40.5: 1.5,36:88N-31.45E,h283km,81km,MD2.1,ML2.3

ISC 10 17:19:37.1: 3,37.08N:0.04:30:48E:0.03,h81km,6km, n66,1:81/90,Turkey

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

Table with columns: EDC, Edincik, Time, Res. Lists stations like GEMT, ARMT, KULA, etc.

JMA 10 16:47:38.7: 0.3,35:29N:142.08E,h58km,5km,M3.2
IDC 10 16:47:39.5: 1.1,35:13N:141:69E,h0km,mb3.6/5, mb1 3.6/7,mb1mx3/4/6,mbmtpp3.5/7,ML3.0/2,MS2.8/7, Ms1 2.9/7,ms1mx2/6/51,Error ellipse: s-maj=28.7km s-min=19.5km az=92.0

ISC 10 16:47:40.2: 2.1,35:28N:0.05:141:87E:0.08,h11km,12km, n30,-1857/25,mb3.6/5,MS3.0/4,Near east coast of eastern Honshu

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

IDC 10 15:31:25.7: 68.0,20:98S:167.47W,h0km,mb4.1/3, mb1 4.3/3,mb1mx3.7/25,mbtpp4.1/3,Error ellipse: s-maj=1365.0km s-min=213.8km az=88.0, Tonga Islands region

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

DJA 10 16:00:45.9: 1.5,0:N:6:12'SE,h26km,12km,M3.8/5, MLV3.8/5,Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KMSI, SANI, LBMI, etc.

DDA 10 16:43:37.9: 39:64N:28:49E,h7km,Md2.8
ISCJB 10 16:43:39.0: 0.5,39:60N:0.03:28:57E:0.04,h4km,6km, Error ellipse: s-maj=6.4km s-min=4.0km az=29.4

ISC 10 16:43:38.5: 39:55N:28:58E,h9km,ML2.3
CSEM 10 16:43:39.2: 0.1,39:57N:28:58E,h10km,ML2.3,Error ellipse: s-maj=3.0km s-min=2.9km az=42.0

ISC 10 16:43:38.0: 1.2,39:55N:0.03:28:58E:0.02,h3km,12km, n33,c091/45,Turkey

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

ISCJB 10 17:22:07.3: 0.8,6:8S:0:1:155:07E:0:05,h41km,3km,7/6, Error ellipse: s-maj=16.4km s-min=7.7km az=5.1

IDC 10 17:22:12.8: 2.5,7:02S:150:07E,h80km,24km,mb3.5/6, mb1 3.7/8,mb1mx3/4/34,mbmtpp3.9/8,MS3.1/1,Ms1 3.3/1, ms1mx2/42/2,Error ellipse: s-maj=24.7km s-min=14.2km az=176.0

ISC 10 17:22:08.9: 0.8,6:8S:0:1:155:12E:0:07,h41km,n12,c25/13,mb3.7/6,Bougainville-Solomon Islands region

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

451 2011 AUG 10d 18h

MSVF	Nonsavu	24.62 118	eP	P	18 11 32.0	-0.9	QIZ	Qiongzong	51.72 301	P	P	18 15 20.8	+1.2	comp=Z,200nm,16.9s	PET	comp=Z,500nm,18.0s	MLR	MLR	
SWI	Sorong	24.71 283	P	P	18 11 34.5	+0.9	QIZ			pP	pP	18 15 36.1	-1.1		PET	comp=Z,300nm,21.0s	MLR	MLR	
CMSA	Cobar Meteorol	25.95 139	P	P	18 11 43.8	-0.8	QIZ	comp=Z,8.0nm,0.8s		S	S	18 15 43.3	+1.1		PET	comp=Z,44nm,1.3s			
AS01	Alice Springs	26.29 229	eP	P	18 11 46.2	-1.8	QIZ	comp=Z,440nm,21.8s		LR	LR	18 22 43.7	+5.2		PET	Petropavlovsk- comp=Z,200nm,16.9s	59.92 2	eP	P
MGCD	Mangrove Creek	26.31 188	P	P	18 11 47.6	-0.2	QIZ	comp=Z,670nm,22.7s		LR	LR				XAN	Xi'an	59.94 316	P	P
AS31	Alice Springs	26.33 229	eP	P	18 11 46.7	-1.6	MYKOM	Kota Tinggi	52.05 278	eP	P	18 15 20.8	-1.3		XAN				
ASAR	Alice Springs	26.33 229	P	P	18 11 46.4	-1.9	MYKOM	Kota Tinggi	52.05 278	∩P	P	18 15 23.2	+1.1		XAN				
ASAR	comp=Z,2.8nm,0.7s,baz=77,slow=2.7,SNR=5.7		ScP	ScP	18 15 13.5	-0.2	NJ2	Nanjing	52.13 320	eP	P	18 15 23.2	+0.8		XAN	comp=Z,11nm,0.6s			
ASAR	comp=Z,2.0nm,0.6s,baz=60,slow=2.8,SNR=6.9		ScP	ScP	18 15 15.9	+2.8	NJ2	comp=Z,11nm,0.9s		pmax	pmax			XAN	comp=Z,170nm,7.5s				
ASAR	comp=Z,2.0nm,0.6s,baz=60,slow=2.8,SNR=6.9		ScP	ScP	18 22 09.2		ASAJ	Asahikawa	52.21 348	P	P	18 15 23.5	+0.8		XAN	comp=Z,240nm,20.8s			
KNRA	Kunururra	27.33 249	P	P	18 11 57.7	+0.4	KUR	Kuril'sk	52.48 353	eP	S	18 15 17.5	-7.1		XAN	comp=Z,560nm,20.8s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.5	-0.8	KUR	Kuril'sk	52.48 353	eP	S	18 22 49.2	+1.3		PEAO	Petropavlovsk- comp=Z,78nm,1.3s	59.97 2	eP	P
STKA	comp=Z,16nm,0.8s,baz=10,slow=9.7,SNR=28		ScP	ScP	18 12 00.3	-0.9	KGM	Kluang	52.61 278	∩P	P	18 15 27.3	+1.0		PEAO	Petropavlovsk- comp=Z,78nm,1.3s	59.97 2	eP	P
STKA	comp=Z,6.9nm,0.9s,baz=28,slow=8.7,SNR=6.8		ScP	ScP	18 12 00.3	-0.9	WHN	Wuhan	54.17 316	P	P	18 15 33.0	+0.5		PETK	Petropavlovsk- comp=Z,32nm,0.8s,baz=156,slow=6.7,SNR=30	59.97 2	eP	P
STKA	comp=Z,3.0nm,19.0s,baz=27,slow=37		ScP	ScP	18 23 08.6		WHN	comp=Z,390nm,7.6s		pmax	pmax	18 15 37.8	+0.4		PETK	comp=Z,244nm,22.0s,baz=176,slow=32	60.27 304	P	P
STKA	Stevens Creek	27.79 206	eP	P	18 12 02.1	+0.8	WHN	comp=Z,1.0nm,0.7s		LR	LR	18 15 41.0	+0.8		KMI	comp=Z,29nm,1.3s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 15 43.6	+1.8		KMI	comp=Z,170nm,4.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,300nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA	Stevens Creek	27.79 206	eP	P	18 12 00.3	-0.9	WHN	comp=Z,10.0nm,0.7s		LR	LR	18 35 07.4			KMI	comp=Z,220nm,20.6s			
STKA																			

10d 19h

2011 AUG

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and multiple columns of satellite data including AKK2, CSS, KSL, etc., with various numerical values and status indicators.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DSJ, MZDA, SALA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GKN, DMN, KKN, etc.

BUI 10 19:39:17.7, 15:59S, 173:00W, h71km, mb5.0/38, m85.2/30, Ms5.2/16, Mst 4.6/15
IDC 10 19:39:18.9, 1.5, 16: 11S: 173:84W, h60km, 12km, mb4.7/20, mb1.4/9.2/3, mb1mx4.7/25, mb1mp5.1/23, MS3.8/19, Ms1.3.8/19, ms1mx3.7/31, Error ellipse: s-maj=14.9km s-min=11.0km az=140.0
MOS 10 19:39:18.9, 1.0, 16: 03S: 173:85W, h69km, mb5.4/23, Error ellipse: s-maj=9.8km s-min=8.1km az=53.5
ISCJB 10 19:39:18.9, 1.0, 16: 18S: 0.0/4: 173:85W: 0.0/3, h72km, 9km, mb5.0/134, Error ellipse: s-maj=6.7km s-min=3.6km az=153.5
NEIC 10 19:39:22.3, 1.1, 16: 24S: 173:81W, h95km, 9km, mb5.0/91, Error ellipse: s-maj=5.7km s-min=3.8km az=136.0
GCMT 10 19:39:22.3, 0.2, 16: 04S: 173:55W, h110km, 1km, MW5.2/107, Moment Tensor Solution. s84, c125; s107, c180; Duration: 150 Moment tensor: Scale 10^16 Nm; Mn4.29e-14; M00-3.71e-19; M00-0.58e-18; M0-4.23e-12; M0-4.80e-15; M0-3.31e-10; Best double couple: M0:7.86600e+09 NP1:232.00000; 367.00000; 7.87000000. NP2:0e5.9900000; 824.000000; 1.60000000. Principal axes: T 6.4170, P168.0000, Azm136.0000; N 2.8900, P193.0000; Azm233.0000; P -9.3140, P192.0000; Azm324.0000; nst1 refers to body waves, P1off=40s, nst2 refers to surface waves; cutoff=50s.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other technical details. Includes stations like AFI, AFI, AFI, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like RKT, CNB, CTAO, etc.

10d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BFSC, PETK, EDWZ, MONP2, IKP, CMB, CMB, PFB, CMB, PFO, PFO, PFO, TPFO, ORV, ORV, SWSC, SWSC, SLBS, QSPA, LRMC, N02D, YSS, YSS, M02C, CWC, L02D, BELC, BELC, GSC, BC3, HEC, GLA, HUMO, GMRC, IRM, M04C, FURC, BUOR, TUQ, Y12C, RNO, I03D, STKI, 214A, PDMC, J04D, KDAC, I04A, MOD, IRO, J05D, G03D, KMOR, KSR5, KSRS, KSAR, I05D, R11A, R11A, TYV, TYV, BMN, BMN, BMN, TUC, TUC, TUC, WWOR, WWOR, MSHR, G05D, NLWA, VTHM, USRK, WUAZ, B05A, HAWA, RC01, BMO, BMO, MDJ, MDJ, 121A, 121A, MFID, DUG, DUG, PMR, PMR, PMR, PMR.

2011 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like SAW, Saint Andrews, SML, SML, SML, BMRM, HLID, MNTX, KLR, HWUT, TXAR, TXAR, KTH, TRF, TRF, CN2, CN2, CN2, CN2, CN2, CN2, PV01, ANMO, ANMO, ANMO, ANMO, MCK, MCK, MCK, MCMT, DLMT, S22A, REDW, TPAW, BSMT, SNOW, O20A, O20A, IMW, MOOW, LOHW, FLWY, BW06, PDAR, PDAR, SMCO, COLA, COLA, COLA, BOZ, BOZ, BOZ, H17A, H17A, ILAR, LKWY, LKWY, SDCO, PMSA, WALA, MSTX, MSTX, T25A, 933A, DAWY, DAWY, Q24A, Q24A, ISCO, ISCO, ISCO, RLMT, EGAK, EGAK, 034A, N23A, JCT, JCT, JCT, COLD, 633A, K22A, K22A, 834A, AMTX, BILL, BILL, BILL, 533A, 433A, EGMT.

456

Table with columns for station name, frequency, power, and other technical details. Includes stations like 534A, BJI, BJI, BJI, BJI, BJI, ABTX, ABTX, 333A, 635A, 233A, 434A, 133A, 334A, 535A, IPM, 636A, Z33A, X32A, 234A, 435B, 536A, MAW, MAW, MAW, LAO, W32A, W32A, 335A, ENH, RSSD, RSSD, RSSD, WHTX, WHTX, 637A, 436A, 135A, 537A, Z35A, 437A, 236A, GYA, GYA, GYA, GYA, GYA, 337A, 438A, R32A, 338A, U34A, XAN, XAN, XAN, XAN, XAN, W35A, Y36A, Q32A, DGMT, X36A, GSI, INK, INK, INK, R33A, PLCA, PLCA, T34A, HHC, HHC, HHC, Q33A, S34A, T35A, X37A, J30A, W37B, S35A, X38A, P34A, U37A, S36A, YKA.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like V38A Canehill, P35A Duane Minner, T37A Cheneyville 18, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like SONM comp=Z,1.1nm,1.1s, L30A Anamosa, J49A Decorah, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like KRLC Kraliky, MROC Moravsky Berou, TESC Moravsky Berou, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SSB Saint Sauveur, SKO Skopje, BNI Bardonecchia, etc.

NIED 10 19:46:00.39:80N:143:60E, h17km, Mw3.8 Best double couple: M6.64000x1014 NP1:39.190,00000, 288,00000, 1.69,00000, NP2:39.3300000, 864,00000, 1,101,00000, JMA 10 19:46:16.7-0.2, 39.76N:143:59E, h8km, 3km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JTH Tanohata, MIYJ Miyakonagasawa, JANG Nango, etc.

JMA 10 19:50:20.7-0.1, 23:39N:121:80E, h27km, 2km, M2.7 ISCJBJ 10 19:50:21.2-0.4, 23:40N:102:121:81E:0.02, h25km, 3km, Error ellipse: s-maj=3.6km s-min=2.4km az=33.5 TAP 10 19:50:21.3, 23:41N:121:77E, h23km, ML3.0, D ISC 10 19:50:21.4, 23:40N:102:121:78E:0.03, h29km, 10km, n46, e64/86, 1C, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EHY Hungye, TWFI Yuli, CHKT Chengkung, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WGG Gukung, CHNI Nanshi, CHNI Chini, etc.

ISC 10 19:51:09.01:5.29:84S:178:91W, h360km, 18km, mb3.4/5, mb1 3.5/7, mb1mx3.2/26, mbtmp.4/27, Error ellipse: s-maj=39.8km s-min=24.6km az=107.0

ISC 10 19:51:07.5-0.1, 29:96S:108:178:8W:0.2, h350km, n24, e194/30, mb3.6/5, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RAO Raoul Island, MXZ Puketiti, RUGZ Raukumara Rang, etc.

CSEM 10 19:56:15.1, 42:48N:13:19E, h10km, MD1.7/6 ROM 10 19:56:15.1-0.1, 42:48N:13:19E, h10km, MD1.7/6, MI1.4/6, Error ellipse: s-maj=1.1km s-min=0.7km az=102.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CAMP Campotosto, SMA1 SAN MARTINO, AQU L'Aquila, etc.

ISC 10 20:06:59.9:1.1, 36:57N:142:10E, h0km, mb3.7/5, mb1 3.8/8, mb1mx3.7/31, mbtmp.3/78, ML3.73, Error ellipse: s-maj=27.1km s-min=21.9km az=78.0 NIED 10 20:07:00.36:50N:141:50E, h17km, Mw3.8 Best double couple: M6.30000x1014 NP1:36.80000, 87,00000, 1.4-5.00000, NP2:36.2280000, 885,00000, 1.7-9.00000, ISCJBJ 10 20:07:01.7-1.2, 36:48N:104:141:85E:0.07, h15km, 8km, mb3.7/5, Error ellipse: s-maj=9.6km s-min=6.3km az=177.2

JMA 10 20:07:05.9:0.2, 36:49N:141:54E, h48km, 5km, M3.7 ISC 10 20:07:02.2-0.2, 36:50N:105:141:86E:0.07, h2km, 12km, n27, e154/28, mb3.9/5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ONAJ Iwakimizuishi, JHO Hitachi, CHOI Chosi, etc.

ISC 10 20:11:14.5:0.9, 37:60N:144:97E, h0km, mb3.7/9, mb1 4.0/12, mb1mx3.8/33, mbtmp.8/12, ML3.8/3, Error ellipse: s-maj=23.3km s-min=19.0km az=125.0 ISCJBJ 10 20:11:18.2-0.6, 37:66N:106:144:80E:0.05, h33km, mb3.7/10, Error ellipse: s-maj=8.6km s-min=5.5km az=21.1

JMA 10 20:11:19.1-0.2, 37:73N:144:73E, h38km, M4.1 NEIC 10 20:11:19.1-6.5, 37:62N:144:96E, h30km, 45km, mb4.0/1, Error ellipse: s-maj=22.1km s-min=14.6km az=94.0 ISC 10 20:11:19.7-0.6, 37:60N:106:144:87E:0.08, h35km, n31, e191/36, mb3.7/10, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JIO Ouri, OFJU Ofunato, MIYJ Miyakonagasawa, etc.

GUC 10 20:19:33.0-0.7, 21:02S:70:26W, h36km, 2km, ML3.5, 9C-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PB01 IPOC Station P, PB01 IPOC Station P, etc.

10d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SDV Santo Domingo, PCRV Puerto La Cruz, EFI East Falkland, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DJA 10 23:10:57.0,1,2,3,5,6,10,0E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MUGZ Murupara, MUHZ Mataea Rd, etc.

2011 AUG

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

MOS 10 23:27:14.3,2.1, 53,26N,108E, h10km, mb4.2/1, Error ellipse: s-maj=59.2km s-min=43.5km az=164.0

BYKL 10 23:27:14.7,0.3, 53.34N,108.27E, h19km, 4km, 4C-4D, Lake Baykal region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MXMB Maximikha, OGRG Orogary, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KELR Kotokel, ZRHB Zarechye, etc.

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

462

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CITA Chita, ARS Arshan, etc.

ISCJB 10 23:45:40.9,0.2, 7.21S, 0.03, 12.68W, 0.02, h12km, mb5.3/221, MS5.5/438, Error ellipse: s-maj=4.9km s-min=2.6km az=151.7

IDC 10 23:45:41.3,0.4, 6.92S, 12.74W, h0km, mb4.8/32, mb1 4.9/33, mb1mx4.9/36, mbtmp4.8/33, ML4.1/1, MS5.3/29, Ms1 5.3/29, ms1mx5.3/32, Error ellipse: s-maj=12.7km s-min=10.9km az=167.0

MOS 10 23:45:41.7, 1.4, 6.95S, 12.55W, h10km, mb5.6/68, MS5.4/40, Error ellipse: s-maj=8.6km s-min=4.3km az=69.0

NEIC 10 23:45:42.0,0.0, 7.18S, 12.76W, h11km Best double couple: NP1=167.00000, S81.00000, A=152.00000, NP2=72.00000, 863.00000, mbtmp4.8/33, Principal axes: T 1.0100, Plg11.0000, Azm297.0000, N 0.2200, Plg61.0000, Azm184.0000, P -1.2300, Plg25.0000, Azm32.0000

BUI 10 23:45:43.0, 7.20S, 12.70W, h9km, mb5.3/5, mBS.7/22, MS5.7/26, Ms7 5.5/27

NEIC 10 23:45:43.0,0.2, 7.04S, 12.62W, h10km, mb5.5/140, MS5.5/298, MW5.8, MW6.0, Error ellipse: s-maj=6.7km s-min=5.4km az=172.0, Moment Tensor Solution. s59 Moment tensor: Scale 10^17Nm; Mr:1.35; Mw:5.92; Mw:4.58; Mw:0.24; Mw:3.48; Mw:0.46; Best double couple: Ms:40000x1017, NP1=332.00000, 885.00000, 1.175.00000, NP2=62.00000, 885.00000, 1.2.00000, Principal axes: T 5.6500, Plg5.0000, Azm287.0000; N 1.3300, Plg65.0000, Azm134.0000; P -6.9900, Plg3.0000, Azm17.0000

GCMT 10 23:45:43.0,0.1, 6.89S, 12.60W, h18km, MW6.0/141, Moment Tensor Solution. s130,c276; s141,c509; Duration: 2s4 Moment tensor: Scale 10^18Nm; Mr:0.09s, 0.1; Mw:0.49s, 0.1; Mw:0.58s, 0.1; Mw:0.10s, 0.2; Mw:1.01s, 0.1; Mw:0.03s, 0.2; Best double couple: M:1.4800x1018, NP1=76.00000, 690.00000, 1.180.00000, NP2=166.00000, 885.00000, 1.180.00000, Principal axes: T 1.1930, Plg4.0000, Azm121.0000; N -0.0900, Plg85.0000, Azm252.0000; P -1.1020, Plg4.0000, Azm31.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

ISC 10 23:45:43.1,0.4, 7.10S, 0.04, 12.81W, 0.04, h12km, mb2km, h11km; comp-P, P1364, s190/1158, mb5.4/234, MS5.5/462, 44C-43D, Ascension Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASCN Ascension, H10N1 ASCENSION HYDR, etc.

465

Table with columns: KMY, Karmoy, 67.66, 10, eP, P, 23 56 39.7, -0.1, 23 56 53.0, ...

2011 AUG

Table with columns: GNI, Garmy, 70.77, 43, eP, P, 23 57 01.9, +2.1, 23 57 01.9, ...

10d 23h

Table with columns: ACCN, Adirondack Com, 74.44, 319, eP, P, 23 57 22.6, +1.3, 23 57 23.7, ...

10d 23h

Table with columns: TRO, comp-Z, IAMS_20, IAMS_20, 00 35 46.7, and various station names like ACSO Alum Creek Sta, SWET Sewanee, etc.

2011 AUG

Table with columns: 144A, 344A, 444A, 544A, 244A, Y44A, Z44A, MET, X44A, SIUC, R44A, S44A, PVMO, U44A, DAG, Q44A, T44A, Y43A, 343A, 243A, X43A, V43A, Z43A, U43A, 143A, S43A, Q43A, T43A, PBMO, HDIL, 142A, 542A, 442A, 242A, 342A, Y42A, CCAR, CCAR, Z42A, X42A, S42A, O42A, W42A, U42A, V42A, Q42A, P42A, M42A, R42A, 441A, R41A, U41A, 341A, U41R, U41R, W41B, O41A, T41A, 141A, HSPB, Y41A, P41A, M41A, V41A, WHAR, WHAR, Z41A, X41A, S41A, J41A, X301, K41A, L41A, J41W, J41W, J41W, I41A, ARU, ARU, ARU, ARU.

Table with columns: ARU, comp-Z, pmax, pmax, and various station names like ARU comp-Z,1.9nm,1.7s, ARU comp-Z,1.1um,19.0s, ARU Art, X40A Basin Creek Fa, WLAR White Oak Lake, etc.

U38A	Gravette	87.45	307	P	P	23 58 30.4	-0.5
X38A	Whitesboro	87.48	305	P	P	23 58 31.4	+0.3
T38A	Diamond	87.48	308	P	P	23 58 30.3	-0.8
M38A	Pleasantville	87.50	312	P	P	23 58 30.2	-0.8
C38A	Sawbill Land.	87.51	319	P	P	23 58 29.9	-1.1
EYMN	Ely	87.71	319	eP	P	23 58 31.7	-0.3
337A	Centerville	87.78	302	P	P	23 58 32.6	+0.1
637A	Eagle Lake	87.85	300	P	P	23 58 34.5	+1.5
Z37A	Pogue Cattle C	87.87	304	P	P	23 58 33.5	+0.5
137A	Heron Place, G	87.88	303	P	P	23 58 33.5	+0.5
X37A	Clayton	87.91	305	P	P	23 58 33.3	+0.1
437A	Phantom Ranch,	87.91	301	P	P	23 58 33.6	+0.4
H37A	Dierke Farm, C	87.94	315	P	P	23 58 32.5	-0.6
V37A	Hulbert	87.95	306	P	P	23 58 33.0	-0.3
Q37A	Longview Farm,	87.95	309	P	P	23 58 32.9	-0.4
O37A	Wolfen Farm, M	87.96	311	P	P	23 58 32.8	-0.5
T37A	Cheneyville 18	87.99	308	P	P	23 58 32.8	-0.7
SPMN	Marine on St.	88.00	316	P	P	23 58 32.5	-0.8
SPMN	Marine on St.	88.00	316	PFAKE	LR	23 58 50.0	+17
P37A	Lathrop	88.00	310	P	P	23 58 33.3	-0.2
E37A	Wrenshall	88.01	317	P	P	23 58 33.2	-0.2
U37A	Salina	88.02	307	P	P	23 58 33.1	-0.5
S37A	Fort Scott	88.04	308	P	P	23 58 33.3	-0.4
L37A	Phoenix Point,	88.05	313	P	P	23 58 32.9	-0.8
W37B	Quinton	88.05	306	P	P	23 58 34.0	+0.2
K37A	Belmond	88.09	313	P	P	23 58 33.6	-0.3
C37A	Embarrass	88.12	318	P	P	23 58 33.4	-0.5
N37A	Lee Faris, Mou	88.12	311	P	P	23 58 33.8	-0.2
M37A	Trindle Farm,	88.13	312	P	P	23 58 33.8	-0.3
J37A	Redenius Farm,	88.14	314	P	P	23 58 33.6	-0.5
R37A	Teagarden Farm	88.14	309	P	P	23 58 33.2	-0.9
D37A	Cotton	88.15	318	P	P	23 58 33.6	-0.5
I37A	Lemond, Waseca	88.17	315	P	P	23 58 33.6	-0.6
736A	Circle Diamond	88.41	299	P	P	23 58 36.6	+1.0
236A	Katherine and	88.43	302	P	P	23 58 35.5	-0.2
436A	Wall Ranch, Ga	88.46	301	P	P	23 58 35.9	0.0
TUL1	Leonard	88.47	306	P	P	23 58 36.0	+0.2
TUL1	Leonard	88.47	306	eP	P	23 58 36.3	+0.5
TUL1	comp=Z,30nm,1.0s			LR	LR		
636A	Smothers Creek	88.48	300	P	P	23 58 36.8	+0.9
136A	Ernis	88.51	303	P	P	23 58 36.2	+0.2
U36A	Oologah	88.51	307	P	P	23 58 35.5	-0.4
Y36A	Durant	88.54	304	P	P	23 58 35.9	-0.4
C36A	Pine Crest Far	88.55	318	P	P	23 58 35.6	-0.4
Z36A	Blue Ridge	88.56	304	P	P	23 58 36.3	+0.1
O36A	Bolckow	88.57	311	P	P	23 58 35.8	-0.4
V36A	Jenks	88.57	306	P	P	23 58 35.9	-0.3
E36A	McGregor	88.58	317	P	P	23 58 35.5	-0.5
536A	Bastrop	88.58	300	P	P	23 58 36.5	+0.1
336A	Riesel	88.60	302	P	P	23 58 36.6	+0.2
I36A	Fitzsimmons Fa	88.60	315	P	P	23 58 35.7	-0.5
F36A	Milaca	88.62	316	P	P	23 58 35.5	-0.8
S36A	Lake Cedric, C	88.63	308	P	P	23 58 35.9	-0.6
D36A	Goodland	88.65	318	P	P	23 58 36.0	-0.4
H36A	Jessenland, He	88.65	315	P	P	23 58 36.3	-0.1
K36A	Gilmore City	88.65	313	P	P	23 58 36.6	+0.1
G36A	St. Michael	88.66	316	P	P	23 58 36.2	-0.2
P36A	Good Intent, A	88.66	310	P	P	23 58 35.6	-1.0
R36A	Gordon, Harris	88.66	309	P	P	23 58 36.0	-0.6
N36A	Muff Farm, Cla	88.69	311	P	P	23 58 36.8	0.0
W36A	Wetumka	88.69	305	P	P	23 58 36.4	-0.5
X36A	Centrahoma	88.70	305	P	P	23 58 36.4	-0.5
J36A	Seneca 1, Swea	88.70	314	P	P	23 58 36.4	-0.3
L36A	Harm Buss Farm	88.71	313	P	P	23 58 36.7	-0.1
T36A	Boggs Farm, Ca	88.74	307	P	P	23 58 36.4	-0.6
O35Z	Hargill	88.91	297	P	P	23 58 37.7	-0.3
UNM	Universidad Na	88.92	290	PFAKE	LR	23 58 50.0	+11
UNM	comp=Z,1um,22.0s			LR	LR		
235A	Dale	89.00	300	P	P	23 58 38.7	+0.2
735A	Kenedy	89.03	299	P	P	23 58 39.2	+0.6
335A	Moody	89.07	302	P	P	23 58 39.2	+0.5
635A	Leesville	89.08	300	P	P	23 58 39.5	+0.7
435B	Jarrell	89.13	301	P	P	23 58 39.4	+0.4
Y35A	Marietta	89.16	304	P	P	23 58 39.1	+0.1
G35A	Watkins	89.16	316	P	P	23 58 38.9	0.0
Q35A	Mercer Eighty,	89.17	309	P	P	23 58 38.5	-0.5
X35A	Drake	89.18	305	P	P	23 58 39.1	+0.1
S35A	Otter Creek Ra	89.19	308	P	P	23 58 38.3	-0.9
WHTX	Lake Whitney,	89.21	302	P	P	23 58 39.4	0.0
WHTX	Lake Whitney,	89.21	302	eP	P	23 58 41.5	+2.2
WHTX	comp=Z,1um,19.0s			LR	LR		
N35A	Tabor	89.21	311	P	P	23 58 39.1	-0.1
T35A	Sooner Cattle	89.21	307	P	P	23 58 39.2	-0.1
W35A	Tecumseh	89.22	305	P	P	23 58 39.2	-0.2

D35A	Remer	89.22	318	P	P	23 58 38.9	-0.2
K35A	Storm Lake	89.23	313	P	P	23 58 39.4	+0.1
Z35A	Perchen, San	89.24	304	P	P	23 58 39.4	-0.1
135A	Vickery Place,	89.25	303	P	P	23 58 39.3	-0.2
B35A	Bob, Littlefor	89.26	319	P	P	23 58 38.7	-0.5
I35A	Creekview Farm	89.26	314	P	P	23 58 39.3	0.0
P35A	Duane Minner,	89.26	310	P	P	23 58 39.2	-0.3
V35A	Meyer Ranch, C	89.29	306	P	P	23 58 39.8	+0.1
C35A	Jirik Farms, M	89.29	318	P	P	23 58 39.2	-0.2
U35A	Pawnee	89.30	307	P	P	23 58 39.3	-0.4
H35A	Sunnyside Ranc	89.31	315	P	P	23 58 39.3	-0.2
O35A	Humboldt	89.31	311	P	P	23 58 39.3	-0.4
J35A	Milford	89.33	314	P	P	23 58 39.3	-0.4
F35A	Swanville	89.34	316	P	P	23 58 39.4	-0.2
M35A	Neola	89.35	312	P	P	23 58 39.6	-0.2
L35A	Bielow Farm, R	89.36	312	P	P	23 58 39.5	-0.3
E35A	Pequot Lakes	89.36	317	P	P	23 58 39.2	-0.6
634A	China Grove, S	89.58	300	P	P	23 58 41.8	+0.7
KSU1	Kansas State U	89.64	309	eP	P	23 58 41.3	0.0
KSU1	comp=Z,2um,20.0s			LR	LR		
734A	La Paiz Cree	89.68	299	P	P	23 58 42.1	+0.4
434A	Burnet	89.72	301	P	P	23 58 41.5	-0.3
Y34A	Reagan Ranch,	89.75	304	P	P	23 58 41.4	-0.4
T34A	McClaskey Farm	89.77	307	P	P	23 58 42.1	+0.3
334A	Lometa	89.77	301	P	P	23 58 41.7	-0.3
234A	Clairette	89.78	302	P	P	23 58 41.9	-0.1
534A	Blanco	89.78	300	P	P	23 58 42.2	0.0
Z34A	Collier Ranch,	89.80	304	P	P	23 58 42.1	0.0
F34A	Alexandria	89.80	316	P	P	23 58 41.5	-0.3
S34A	Whit Spring	89.81	308	P	P	23 58 41.7	-0.3
134A	White-Moore Ra	89.81	303	P	P	23 58 42.1	0.0
V34A	Guthrie	89.84	306	P	P	23 58 42.2	0.0
V34A	Guthrie	89.84	306	PFAKE	LR	23 58 50.0	+7.7
V34A	comp=Z,3um,21.0s			LR	LR		
N34A	Lincoln	89.85	311	P	P	23 58 42.0	-0.1
K34A	Le Mars	89.86	313	P	P	23 58 41.8	-0.3
J34A	George	89.86	314	P	P	23 58 41.8	-0.3
E34A	Wadena	89.87	317	P	P	23 58 41.8	-0.4
Q34A	Chapman	89.87	309	P	P	23 58 41.9	-0.4
P34A	Walnut Farm, R	89.88	310	P	P	23 58 41.6	-0.8
O34A	Beatrice	89.89	310	P	P	23 58 42.1	-0.3
B34A	Aet Baudette	89.89	319	P	P	23 58 41.8	-0.4
C34A	RKJ Ranch, Bem	89.90	318	P	P	23 58 41.8	-0.5
X34A	Smith Ranch, M	89.91	305	P	P	23 58 42.8	+0.2
I34A	Hadley	89.92	314	P	P	23 58 42.6	+0.2
LNIG	Linares	89.94	295	eP	P	23 58 46.4	+3.4
LNIG	comp=Z,9.2nm,0.9s			LR	LR		
KKAR	Karatz Array	89.95	47	eP	Pmax	23 58 42.1	-0.5
KKAR	comp=Z,10.0nm,0.8s			Pmax	Pmax		
KKAR	Karatz Array	89.95	47	eP	P	23 58 42.1	-0.5
U34A	Anderson Ranch	89.95	307	P	P	23 58 43.1	+0.4
U34A	Anderson Ranch	89.95	307	eP	P	23 58 43.7	+1.0
U34A	comp=Z,2um,22.0s			LR	LR		
W34A	Bridge Creek,	89.96	305	P	P	23 58 42.9	+0.1
W34A	Bridge Creek,	89.96	305	eP	P	23 58 44.0	+1.2
W34A	comp=Z,3um,21.0s			LR	LR		
H34A	Spellman Lake,	89.97	315	P	P	23 58 42.2	-0.4
G34A	Beason	89.97	315	P	P	23 58 42.4	-0.2
D34A	Park Rapids	89.99	317	P	P	23 58 42.2	-0.5
R34A	Isabella, Hill	90.01	308	P	P	23 58 42.9	-0.1
M34A	Aspy Farms, Fr	90.02	312	P	P	23 58 42.8	-0.1
933A	Laredo	90.14	298	P	P	23 58 44.4	+0.6
533A	Kerrville	90.27	300	P	P	23 58 44.7	+0.3
633A	Saathoff Ranch	90.31	299	P	P	23 58 44.7	+0.2
733A	Divot King Ran	90.31	299	P	P	23 58 44.7	+0.2
833A	Chaparral WMA,	90.34	298	P	P	23 58 45.1	+0.4
333A	Richland Sprin	90.40	301	P	P	23 58 45.2	+0.2
ECSD	EROS Data Cent	90.40	314	eP	P	23 58 44.5	-0.2
433A	Art	90.41	301	P	P	23 58 45.2	+0.2
233A	Rising Star	90.42	302	P	P	23 58 45.0	-0.1
D33A	AnnSam, Waubun	90.44	317	P	P	23 58 44.4	-0.4
E33A	Westby DABS, E	90.44	317	P	P	23 58 44.3	-0.5
X33A	Lawton	90.45	305	P	P	23 58 44.7	-0.5
A33A	Warroad	90.45	319	P	P	23 58 44.5	-0.3
B33A	Robert and Kas	90.46	318	P	P	23 58 44.6	-0.2
Y33A	Hilltop Ranch,	90.47	304	P	P	23 58 44.8	-0.5
M33A	Taylor Creek F	90.48	312	P	P	23 58 45.0	-0.2
Z33A	Whitaker Ranch	90.49	303	P	P	23 58 45.7	+0.4
S33A	Kaszmaul Farm,	90.49	308	P	P	23 58 45.5	+0.2
W33A	Caddo, Fort Co	90.51	305	P	P	23 58 46.1	+0.7
G33A	Ortonville	90.52	315	P	P	23 58 45.3	+0.1
133A	Hamilton Ranch	90.52	303	P	P	23 58 46.0	+0.5
F33A	5 Mile Ranch,	90.52	316	P	P	23 58 45.0	-0.1
P33A	Williams Farm,	90.53	310	P	P	23 58 45.4	0.0
O33A	Hebron	90.54	310	P	P	23 58 45.2	-0.2

Q33A	Connelly Farm,	90.57	309	P	P	23 58 45.9</
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Table with columns: DAWY, comp, Z, um, 20.0s, LR, LR, TLY, TLY, comp, Z, 1.1um, 21.0s, PFAKE, LR, 00 04 30.0, PSI, PSI, comp, Z, 1.1um, 21.0s, PFAKE, LR, 00 04 30.0, etc.

Table with columns: CD2, CD2, comp, Z, 2.2um, 22.0s, Chengdu, 116.38 59, PKP, PKPdf, 00 04 26.0 -1.5, etc.

Table with columns: BJI, BJI, comp, Z, 1.1um, 21.0s, BJT, BJT, comp, Z, 1.1um, 21.0s, Bajiatuau, 123.92 46, PFAKE, LR, etc.

RPZ	comp=Z,196nm,1.3s	eS	S	01 20 52.5	-5.4	
RPZ	Rata Peaks	20.27 199	ePN	P	01 17 40.2	-2.0
FOZ	Fox Glacier	20.50 202	eP	P	01 17 42.6	-1.6
FOZ	comp=Z,254nm,1.0s	eS	S	01 20 59.7	-1.8	
FOZ	Fox Glacier	20.50 202	ePN	P	01 17 42.5	-1.6
LBZ	Lake Benmore	21.14 200	eP	P	01 17 48.3	-1.8
LBZ	comp=Z,59nm,1.1s	eS	S	01 21 11.6	-0.2	
LBZ	Lake Benmore	21.14 200	ePN	P	01 17 47.4	-2.6
JCZ	Jackson Bay	21.33 203	ePN	P	01 17 49.9	-1.9
ODZ	Otahu Downs	21.61 198	eP	P	01 17 53.1	-1.1
WAKZ	Wanaka	21.91 201	eP	P	01 17 55.4	-1.6
WAKZ	comp=Z,179nm,1.5s	eS	S	01 21 19.6	-4.4	
WAKZ	Wanaka	21.91 201	ePN	P	01 17 54.7	-2.3
MLZ	Mavora Lakes	22.69 202	eP	P	01 18 03.5	-0.5
DLZ	Deep Cove	23.12 204	eP	P	01 18 30.0	-0.7
WHZ	Wether Hill Ro	23.21 202	eP	P	01 18 07.7	-0.9
WHZ	comp=Z,263nm,1.3s	eS	S	01 18 18.6	-1.7	
HNR	Honiara	24.49 305	eP	P	01 18 19.3	-1.1
HNR	comp=Z,316nm,0.9s,baz=175,slow=1.7,SNR=20	eP	P	01 18 19.3	-1.1	
HNR	Honiara	24.49 305	eP	P	01 18 19.3	-1.1
HNR	comp=Z,344nm,1.0s	eP	P	01 18 19.3	-1.1	
HNR	comp=Z,344nm,1.0s	eP	P	01 18 19.3	-1.1	
ARMA	Armidale	25.77 251	eP	P	01 18 33.1	+1.4
ARMA	comp=Z,396nm,1.8s	eP	P	01 18 33.1	+1.4	
EIDS	Eidsvold	26.23 263	eP	P	01 18 36.2	+0.5
EIDS	comp=Z,315nm,1.8s	eP	P	01 18 36.1	+0.5	
EIDS	Eidsvold	26.23 263	eP	P	01 18 36.1	+0.5
MGCD	Mangrove Creek	26.61 245	eP	P	01 18 40.5	+1.6
MGCD	comp=Z,27,SNR=43	eP	P	01 18 40.5	+1.6	
TMQ	Tubuai	27.85 93	eP	P	01 18 54.6	+1.7
RMQ	Roma	28.23 260	eP	P	01 18 54.8	+1.5
CNB	Canberra Magne	28.46 241	eP	P	01 18 56.3	+1.1
CAN	Canberra	28.75 241	eP	P	01 18 58.8	+1.1
CAN	comp=Z,188nm,1.4s	eP	P	01 18 58.8	+1.1	
CAN	Canberra	28.75 241	eP	P	01 18 58.8	+1.1
YNG	Young	29.03 244	eP	P	01 19 02.1	+1.9
MILA	Mila	29.06 238	eP	P	01 19 01.6	+1.1
PAE	Paea	29.14 82	eP	P	01 19 01.9	+0.7
PPT2	Papeete2	29.16 82	eP	P	01 19 02.7	+1.1
PPT	Papeete	29.17 82	eP	P	01 19 02.7	+1.1
PPT	comp=Z,108nm,0.8s,baz=62,slow=2.9,SNR=12	eP	P	01 19 03.3	+1.7	
PPT	Papeete	29.17 82	eP	P	01 19 03.3	+1.7
PPT	Papeete	29.17 82	eP	P	01 19 03.3	+1.7
PPT	Tiarei	29.38 82	eP	P	01 19 04.5	+1.1
TVO	comp=Z,65nm,0.9s	eP	P	01 19 04.4	+0.8	
TVO	Taravao	29.39 82	eP	P	01 19 04.4	+0.8
MEH	Mehetia	30.43 83	eP	P	01 19 12.3	-0.2
CTA	Cobar Meteorol	30.94 250	eP	P	01 19 17.1	+0.4
CMA	Charters Tower	31.54 272	eP	P	01 19 22.3	+0.3
CTA	comp=Z,291nm,0.6s,baz=103,slow=10.3,SNR=579	eP	P	01 22 00.8	+0.9	
CTA	comp=Z,11nm,0.7s,baz=91,slow=5.2,SNR=3.1	eP	P	01 23 54.9	0.0	
CTA	comp=Z,6.4nm,0.8s,baz=31.1,slow=19,SNR=3.5	eP	P	01 24 58.2	+2.7	
CTA	comp=Z,14nm,0.9s,baz=77,slow=3.8,SNR=5.1	eP	P	01 19 22.6	+0.6	
CTAO	Charters Tower	31.54 272	eP	P	01 19 22.6	+0.6
CTAO	comp=Z,307nm,0.6s	eP	P	01 19 22.6	+0.6	
CTAO	Charters Tower	31.54 272	eP	P	01 19 22.6	+0.6
VAH	Vaihoo	31.75 79	eP	P	01 19 24.3	+0.5
TOO	Toolangi	32.02 238	eP	P	01 19 26.6	+0.7
QLP	Outlipie	32.27 259	eP	P	01 19 28.3	+0.2
MOO	Mooralands	32.28 229	eP	P	01 19 29.0	+1.0
TAU	Tasmania Unive	32.37 228	eP	P	01 19 29.3	+0.5
TAU	comp=Z,319nm,1.6s	eP	P	01 19 29.3	+0.5	
TAU	Tasmania Unive	32.37 228	eP	P	01 19 29.3	+0.5
MTSU	Mount Surr	33.84 274	eP	P	01 19 42.3	+0.7
STKA	Stephens Creek	34.45 249	eP	P	01 19 47.0	+0.4
STKA	comp=Z,43nm,0.4s,baz=94,slow=11,SNR=189	eP	P	01 22 09.1	+1.1	
STKA	comp=Z,5.9nm,0.6s,baz=63,slow=1.0,SNR=3.9	eP	P	01 25 07.1	+1.6	
STKA	Stephens Creek	34.45 249	eP	P	01 19 47.0	+0.4
STKA	Stephens Creek	34.45 249	eP	P	01 19 47.0	+0.4
STKA	comp=Z,54nm,1.4s	eP	P	01 22 09.1	+1.1	
STKA	comp=Z,126nm,0.8s	eP	P	01 25 07.1	+1.6	
ARPS	Mount Arapiles	34.72 241	eP	P	01 19 49.0	+0.2
PMG	Port Moresby	34.84 290	eP	P	01 19 49.8	-0.2
PMG	comp=Z,117nm,0.7s,baz=109,slow=6.0,SNR=49	eP	P	01 25 08.7	+1.5	
PMG	Port Moresby	34.84 290	eP	P	01 19 49.8	-0.2
PMG	comp=Z,134nm,0.8s	eP	P	01 25 08.7	+1.5	
COEN	Coen	36.31 280	eP	P	01 25 08.7	+1.5
COEN	comp=Z,129nm,0.9s	eP	P	01 25 08.7	+1.5	
COEN	Coen	36.31 280	eP	P	01 25 08.7	+1.5
HTT	Hallett	36.76 247	eP	P	01 20 05.7	-0.1
QIS	Mount Isa	37.47 268	eP	P	01 20 11.3	-0.4
PATS	Pohnpei	37.90 323	eP	P	01 20 14.3	-1.0
BBOO	Buckleboo	39.15 248	eP	P	01 20 24.7	-0.6
BBOO	comp=Z,53nm,0.9s	eP	P	01 20 24.7	-0.6	
BBOO	Buckleboo	39.15 248	eP	P	01 20 24.7	-0.6
RKT	Rikitea	41.00 97	eP	P	01 20 41.3	+1.1
TAOE	Nuku Hiva Ista	41.07 74	eP	P	01 20 42.5	+1.4
AS01	Alice Springs	41.90 262	eP	P	01 20 47.1	-0.4
AS01	comp=Z,39nm,1.4s	eP	P	01 22 18.0	-0.7	
AS01	Alice Springs	41.95 262	eP	P	01 20 47.7	-0.2
AS31	Alice Springs	41.95 262	eP	P	01 22 19.2	+0.1
ASAR	Alice Springs	41.95 262	eP	P	01 20 47.6	-0.3
ASAR	comp=Z,40nm,0.5s,baz=100,slow=7.7,SNR=470	eP	P	01 22 32.2	+0.3	
ASAR	comp=Z,12nm,0.9s,baz=98,slow=6.6,SNR=4.2	eP	P	01 25 36.3	+1.8	
ASAR	comp=Z,5.0nm,0.8s,baz=125,slow=3.9,SNR=5.6	eP	P	01 26 28.2	-1.7	
ASAR	comp=Z,8.5nm,0.9s,baz=98,slow=16,SNR=12	eP	P	01 20 50.7	-0.7	
WBZ	Warramunga Arr	42.39 267	eP	P	01 20 50.7	-0.7
WRAB	Tennant Creek	42.40 267	eP	P	01 20 50.4	-1.0
WRAB	comp=Z,424nm,0.7s	eP	P	01 20 50.7	-0.7	
WRAB	Tennant Creek	42.40 267	eP	P	01 20 50.7	-0.7
WRA	Warramunga Arr	42.40 267	eP	P	01 20 50.3	-1.2
WRA	comp=Z,140nm,0.6s,baz=104,slow=8.1,SNR=462	eP	P	01 23 32.9	-0.5	
WRA	comp=Z,4.5nm,0.6s,baz=100,slow=4.3,SNR=5.3	eP	P	01 25 39.0	+2.7	
WRA	comp=Z,32nm,0.8s,baz=101,slow=4.0,SNR=23	eP	P	01 26 36.1	-0.5	
WRA	comp=Z,12nm,1.0s,baz=101,slow=15,SNR=15	eP	P	01 26 36.1	-0.5	

WRA	Warramunga Arr	42.40 267	eP	P	01 20 50.3	-1.2
WRA	comp=Z,149nm,0.5s	eP	P	01 22 32.9	-0.5	
WRA	comp=Z,5.0nm,0.6s	eP	P	01 26 36.1	-0.5	
WRA	comp=N,32nm,0.8s	eP	P	01 21 02.1	-1.3	
JAY	Jayapura	43.91 294	eP	P	01 21 02.3	-1.1
JAY	comp=N,7.3nm,0.6s,baz=267,slow=23,SNR=63	eP	P	01 21 02.3	-1.1	
JAY	Jayapura	43.91 294	eP	P	01 21 02.3	-1.1
GENI	Geniyem	44.32 294	eP	P	01 21 05.5	-1.0
FORT	Forrest	46.05 250	eP	P	01 21 18.6	-1.0
FORT	comp=N,2um,0.6s	eP	P	01 21 18.6	-1.0	
KDU	Kakadu	46.42 276	eP	P	01 21 21.6	-1.0
WRKA	Warakuna	46.70 258	eP	P	01 21 24.0	-0.6
WRKA	comp=Z,47,SNR=691	eP	P	01 21 30.1	-1.3	
MTN	Manton Dam	47.58 275	eP	P	01 21 30.0	-1.3
MTN	comp=Z,48,SNR=6.7	eP	P	01 21 30.0	-1.3	
MTN	Manton Dam	47.58 275	eP	P	01 21 30.0	-1.3
KNRA	Kunurra	48.74 271	eP	P	01 21 39.8	-0.2
SAUI	Saumlaki	49.38 281	eP	P	01 21 44.2	+0.6
FITZ	Fitzroy Crossi	50.81 266	eP	P	01 21 55.1	-0.2
FITZ	comp=N,1.27nm,0.8s,baz=107,slow=9,SNR=196	eP	P	01 26 14.0	+2.3	
FITZ	comp=N,3.8nm,0.8s,baz=112,slow=7.6,SNR=3.8	eP	P	01 28 33.3	-0.5	
FITZ	comp=N,8.4nm,1.2s,baz=256,slow=21,SNR=6.0	eP	P	01 21 55.1	-0.2	
FITZ	Fitzroy Crossi	50.81 266	eP	P	01 23 03.1	-0.4
FITZ	comp=N,1.27nm,0.8s,baz=107,slow=9,SNR=196	eP	P	01 26 14.0	+2.3	
FITZ	comp=N,3.8nm,0.8s,baz=112,slow=7.6,SNR=3.8	eP	P	01 28 33.3	-0.5	
FITZ	comp=N,8.4nm,1.2s,baz=256,slow=21,SNR=6.0	eP	P	01 21 55.1	-0.2	
FITZ	Fitzroy Crossi	50.81 266	eP	P	01 23 03.1	-0.4
FITZ	comp=N,1.27nm,0.8s,baz=107,slow=9,SNR=196	eP	P	01 26 14.0	+2.3	
FITZ	comp=N,3.8nm,0.8s,baz=112,slow=7.6,SNR=3.8	eP	P	01 28 33.3	-0.5	
FITZ	comp=N,8.4nm,1.2s,baz=256,slow=21,SNR=6.0	eP	P	01 21 55.1	-0.2	
FITZ	Fitzroy Crossi	50.81 266	eP	P	01 23 03.1	-0.4
FITZ	comp=N,1.27nm,0.8s,baz=107,slow=9,SNR=196	eP	P	01 26 14.0	+2.3	
FITZ	comp=N,3.8nm,0.8s,baz=112,slow=7.6,SNR=3.8	eP	P	01 28 33.3	-0.5	
FITZ	comp=N,8.4nm,1.2s,baz=256,slow=21,SNR=6.0	eP	P	01 21 55.1	-0.2	
FITZ	Fitzroy Crossi	50.81 266	eP	P	01 23 03.1	-0.4
FITZ	comp=N,1.27nm,0.8s,baz=107,slow=9,SNR=196	eP	P	01 26 14.0	+2.3	
FITZ	comp=N,3.8nm,0.8s,baz=112,slow=7.6,SNR=3.8	eP	P	01 28 33.3	-0.5	
FITZ	comp=N,8.4nm,1.2s,baz=256,slow=21,SNR=6.0	eP	P	01 21 55.1	-0.2	
FITZ	Fitzroy Crossi	50.81 266	eP	P	01 23 03.1	-0.4
FITZ	comp=N,1.27nm,0.8s,baz=107,slow=9,SNR=196	eP	P	01 26 14.0	+2.3	
FITZ	comp=N,3.8nm,0.8s,baz=112,slow=7.6,SNR=3.8	eP	P	01 28 33.3	-0.5	
FITZ	comp=N,8.4nm,1.2s,baz=256,slow=21,SNR=6.0	eP	P	01 21 55.1	-0.2	
FITZ	Fitzroy Crossi	50.81 266	eP	P	01 23 03.1	-0.4
FITZ	comp=N,1.27nm,0.8s,baz=107,slow=9,SNR=196	eP	P	01 26 14.0	+2.3	
FITZ	comp=N,3.8nm,0.8s,baz=112,slow=7.6,SNR=3.8	eP	P	01 28 33.3	-0.5	
FITZ	comp=N,8.4nm,1.2s,baz=256,slow=21,SNR=6.0	eP	P	01 21 55.1	-0.2	
FITZ	Fitzroy Crossi	50.81 266	eP	P	01 23 03.1	-0.4
FITZ	comp=N,1.27nm,0.8s,baz=107,slow=9,SNR=196	eP	P	01 26 14.0	+2.3	
FITZ	comp=N,3.8nm,0.8s,baz=112,slow=7.6,SNR=3.8	eP	P	01 28 33.3	-0.5	
FITZ	comp=N,8.4nm,1.2s,baz=256,slow=21,SNR=6.0	eP	P	01 21 55.1	-0.2	
FITZ	Fitzroy Crossi	50.81 266	eP	P	01 23 03.1	-0.4
FITZ	comp=N,1.27nm,0.8s,baz=107,slow=9,SNR=196	eP	P	01 26 14.0	+2.3	
FITZ	comp=N,3.8nm,0.8s,baz=112,slow=7.6,SNR=3.8	eP	P	01 28 33.3	-0.5	
FITZ	comp=N,8.4nm,1.2s,baz=256,slow=21,SNR=6.0	eP	P	01 21 55.1	-0.2	
FITZ	Fitzroy Crossi	50.81 266	eP	P	01 23 03.1	-0.4
FITZ	comp=N,1.27nm,0.8s,baz=107,slow=9,SNR=196	eP	P	01 26 14.0	+2.3	
FITZ	comp=N,3.8nm,0.8s,baz=112,slow=7.6,SNR=3.8	eP	P	01 28 33.3	-0.5	
FITZ	comp=N,8.4nm,1.2s,baz=256,slow=21,SNR=6.0	eP	P	01 21 55.1	-0.2	
FITZ	Fitzroy Crossi	50.81 266	eP	P	01 23 03.1	-0.4
FITZ	comp=N,1.27nm,0.8s,baz=107,slow=9,SNR=196	eP	P	01 26 14.0	+2.3	
FITZ	comp=N,3.8nm,0.8s,baz=112,slow=7.6,SNR=3.8	eP	P	01 28 33.3	-0.5	
FITZ	comp=N,8.4nm,1.2s,baz=256,slow=21,SNR=6.0	eP	P	01 21 55.1	-0.2	
FITZ	Fitzroy Crossi	50.81 266	eP	P	01 23 03.1	-0.4
FITZ	comp=N,1.27nm,0.8s,baz=107,slow=9,SNR=196	eP	P	01 26 14.0	+2.3	
FITZ	comp=N,3.8nm,0.8s,baz=112,slow=7.6,SNR=3.8	eP	P	01 28 33.3	-0.5	
FITZ	comp=N,8.4nm,1.2s,baz=256,slow=21,SNR=6.0	eP	P	01 21 55.1	-0.2	
FITZ						

Table listing astronomical objects with columns for Name, RA, Dec, Mag, AZ, Phase ID, Time, Res, and other parameters. Includes objects like BANC, MDVR, KHC, etc.

Table listing astronomical objects with columns for Name, RA, Dec, Mag, AZ, Phase ID, Time, Res, and other parameters. Includes objects like TXAR, PDAR, CMAR, etc.

Table listing astronomical objects with columns for Name, RA, Dec, Mag, AZ, Phase ID, Time, Res, and other parameters. Includes objects like KUR, USRK, USRK, etc.

Table listing astronomical objects with columns for Name, RA, Dec, Mag, AZ, Phase ID, Time, Res, and other parameters. Includes objects like DZM, CTA, PMG, etc.

Table listing astronomical objects with columns for Name, RA, Dec, Mag, AZ, Phase ID, Time, Res, and other parameters. Includes objects like CHOU, JHO, JHO, etc.

Table listing astronomical objects with columns for Name, RA, Dec, Mag, AZ, Phase ID, Time, Res, and other parameters. Includes objects like LZH, LZH, LZH, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GEC2 GERESS Array S, GEC2 GERESS Array S, GEC2 GERESS Array B, etc.

CSEM 11 01:31:05.9,39'12N-23'42E, h8km, ML1.8/2
ATH 11 01:31:05.9,39'12N-23'42E, h8km, ML1.8/2, Error ellipse: s-maj=2.9km s-min=0.9km az=61.0, Aegean Sea

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

LJU 11 01:36:15.4, 45'94N-14'26E, h19km, ML0.1
CSEM 11 01:36:15.4, 45'94N-14'26E, h10km, ML0.1, 2C-2D,

Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GBAS Gorenja Brezov, GBAS Gorenja Brezov, CRNS Crni Vrh, etc.

BUI 11 01:36:42.7, 7'00S-12'70W, h10km, m5.1/1, mB5.3/1, Ms5.1/4, Ms7.4/3

IDC 11 01:36:44.9, 1.0, 6.98S: 12'39W, h0km, mB4.2/16, mB1.4/3/17, mB1mx4.1/38, mBmp4.2/17, ML3.7/1, MS3.8/8, Ms1.3/8, ms1mx3.6/27, Error ellipse: s-maj=27.3km s-min=19.0km az=67.0

ISCJB 11 01:36:45.0, 6.9, 6.9S: 0.06, 12'49W: 0.07, h19km, mB4.3/33, mB3.9/8, Error ellipse: s-maj=10.5km s-min=8.5km az=15.0

NEIC 11 01:36:45.0, 4.7, 7.01S: 12'56W, h10km, mB4.8/9, Error ellipse: s-maj=10.2km s-min=9.3km az=100.0

GCMT 11 01:36:45.0, 3.6, 6.76S: 12'38W, h18km, MW5.2/74, Moment Tensor Solution. s26,c31; s74,c87; Duration: 1s1 Moment tensor: Scale 1019Nm; Mw0.53±.39; Mw±0.2±.36; Mw0.67±.36; Mw0.20±.84; Mw0.60±.25; Mw0.02±.76; Best double couple: Mw0.925000±0.1016 NP1±0.87.00000±.889.00000±.15.00000±. NP2: ±0.356.00000±.0.75.00000±.1.179.00000±. Principal axes: T 7.6610, P1g1 1.0000, Azm313.0000; N 0.5310, P1g75.0000±. Azm90.0000±. P 8.1880, P1g10.0000±. Azm221.0000±. nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s.

ISC 11 01:36:46.5, 5.7, 7.00S: 0.08, 12'56W: 0.08, h19km, n66, ±23/64, mB4.5/33, MS3.9/8, Ascension Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASCN Ascension, ASCN Ascension, H10N1 ASCENSION HYDR 2.08 246 T, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H10N2 ASCENSION HYDR 2.08 247 T, H10N3 ASCENSION HYDR 2.01 246 T, H10S1 ASCENSION HYDR 2.83 227 T, etc.

MEX 11 01:46:30.1±0.3, 16'54N-98'65W, h10km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PINOT Pinotefe, PINIG Pinotefe, TLIG Tlapa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 11 01:57:15.5, 5.4, 3.07N: 31'144E, h74km, m5.3km, mB3.2/3, mB1.3/5, mB1mx3.2/38, mBmp3.6/5, ML3.2/2, Error ellipse: s-maj=85.9km s-min=10.4km az=105.0, ISCBJ 11 01:57:18.6, 0.6, 31'03N: 0.05, 130'3E: 0.1, h149km, 5km, mB3.3/3, Error ellipse: s-maj=15.3km s-min=7.5km az=16.8, JMA 11 01:57:20.6, 0.2, 31'09N: 130'36E, h145km, 2km, M3.0, ISC 11 01:57:19.8±1.0, 31'04N: 0.05, 130'22E: 0.09, h146km, 7km, n12, ±19/5/20, mB3.4/3, Kyushu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EGAK Eagle, SYO Snowa Base, YKA Yellowknife Arr, PDAR Piedale Array, etc.

LJU 11 02:52:43.1, 45.91N; 16.08E, h3km, ML0.7
CSEM 11 02:52:43.0-2, 45.91N; 16.07E, h10km, ML0.7, 2D, Error ellipse: s-maj=3.3km s-min=2.5km az=118.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GCSIS Gorjnj Cirnik, GCSIS Gorjnj Cirnik, CESS Cesta pri Krsk, etc.

CSEM 11 02:52:55.0, 7.5153N; 16.13E, h2km, ML2.7/5, Error ellipse: s-maj=10.6km s-min=5.8km az=7.0

WAR 11 02:52:56.7, 51.54N; 16.15E, h1km
PRU 11 02:52:57.2, 51.48N; 16.15E, h0km

IC 11 02:52:56.1-2, 51.53N; 16.19E; 0.04, h0km, n21, az=73/34, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSP Ksiaz, KSP Ksiaz, UPC Upice, etc.

BKK 11 02:56:32.5-2.8, 19.1N; 121.2E; 2.8, h10km, M4.8/12, mB5.4/12, mb4.7/12, Mw(MB)4.8/12

ISCJB 11 02:56:38.5-0.6, 19.15N; 121.21E; 0.02, h29km, 4km, mB5.2/213, MS5.0/65, Error ellipse: s-maj=3.4km s-min=2.6km az=5.0

MOS 11 02:56:38.6-0.9, 19.11N; 121.26E, h33km, mB5.4/83, MS5.0/33, Error ellipse: s-maj=7.4km s-min=4.4km az=106.4

IDC 11 02:56:39.4-8.4, 19.12N; 121.26E, h30km; 32km, mb4.6/27, mB1.4/830, mb1mx4.7/35, mbmt4.8/30, ML4.7/3, MS4.8/29, MS1.4/829, ms1mx4.8/34, Error ellipse: s-maj=13.6km s-min=8.9km az=103.0

NEIC 11 02:56:40.8-0.5, 19.10N; 121.23E, h38km; 4km, mB5.3/125, MW5.4, Error ellipse: s-maj=4.3km s-min=3.0km az=111.0, Moment Tensor Solution. s29 Moment tensor: Scale 1017Nm; Mr:1.33; M0:0.64; M00:1.96; M0-0.11; M00-0.17; M0-0.06; Best double couple: M01:80000x1017 NP1: 0.354, 0.00000; 0.47, 0.00000; 1.77, 0.00000

NEIC Felt [IV PIVS] at Calayan, [III PIVS] at Sanchez-Mira and [II PIVS] at Laogag and Pasuquin, Luzon.

GCMT 11 02:56:40.8-0.1, 19.26N; 120.86E, h39km, MW5.6/115, Moment Tensor Solution. s108,c195; s115,c219; Duration: 1s5 Moment tensor: Scale 1017Nm; Mr:2.35e-04; M0:0.42e-03; M00:1.94e-03; M0-0.52e-03; M00-1.19e-02; M0-0.92e-04; Best double couple: M02:68700x1017 NP1: 0.209, 0.00000; 0.57, 0.00000; 1.90, 0.00000

Principal axes: T: 2.5600; P: 1.780000; Azm: 120.0000; N: 0.2330, P: 0.0000; Azm: 29.0000; P: 2.8080, P: 0.0000; Azm: 29.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BUI 11 02:56:40.2, 19.37N; 121.06E, h25km, mb4.9/71, mB5.2/63, MS5.2/88, MS7.5/182

MAN 11 02:56:41.6, 19.00N; 121.14E, h16km, mb5.7, ML4.8, MS5.2

MAN INTENSITY IV - CALAYAN CAGAYAN; INTENSITY III - SANCHEZ MIRA CAGAYAN; INTENSITY II - PASUQUIN AND LAOAG ILOCOS NORTE.

KLM 11 02:56:41.6, 19.23N; 121.57E, h80km, mB5.4

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PIP Pasuquin, SGCP Mt. Cagua, CVP Caliao Caves, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSRS 3.3nm, KSRS 0.8nm, KSRS 0.3nm, etc.

Table with columns for station code, name, coordinates, and various performance metrics (e.g., BRG, PRU, PRA, CONA, CLL, ARSA, KHC, GEC2, MOA, SOKA, NKCC, BOJANC, SUMG, YKA, JAVS, ABTA, RETA, FETA, FUORN, TUE, LLLB, LGC, A04D, NLWA, B05A, F03A, G03D, LON, F04A, LTY, B08A, I03D, G05D, I04A, C09A, D08A, HUMO, G06A, HAWA, PPT, PPT2, PPT2, PPT2, I05D, J04D, NEW, NEW, M02C).

Table with columns for station code, name, coordinates, and various performance metrics (e.g., J05D, E09A, M04C, K05A, WALA, MAW, MAW, MAW, MAW, BSMT, TBI, TBI, TBI, O03D, MOD, JMTJ, BMO, BMO, YBMT, SWMT, MSO, MSO, FFC, FFC, PAHR, MFID, CMB, CMB, LRM, DLMT, VNSA, VNSA, HLD, HLD, BOZ, BOZ, HWUT, DUG, PDAR, PDAR, PDAR, MVO, MVO, MVO, PGAV, PGAV, PGAV, PGAV, POLO, MTE, MTE, MTE, SYO, PCAS, PESTR, PBAR, PBAR, PVAQ, PVAQ, PVAQ, PVAQ, PBDV, PBDV, J30A, F36A, K31A, ECSD, I35A, T25A, RKT, RKT, RKT, ANMO, J36A, J36A, I38A, L35A, K36A, K37A, K39A, M37A, N36A, R32A, R32A, K41A, L40A, O37A, MNTX, N39A).

Table with columns for station code, name, coordinates, and various performance metrics (e.g., Q35A, P37A, R36A, S35A, U33A, P39B, Q38A, S36A, U34A, W32A, T35A, Q39A, P40A, S37A, T36A, R38A, U35A, Q40A, R39A, T37A, S38A, R40A, S39A, T38A, X34A, Y33A, U37A, TUL1, V36A, W35A, Q42A, R41A, SFIN, TXAR, S40A, U38A, T39A, V37A, ABTX, Q43A, Y34A, S41A, T40A, Q44A, X36A, U39A, W37B, I33A, S42A, T41A, U40A, V39A, Z33A, W38A, I34A, S43A, X38A, U41A, V40A, W39A, M54A, T43A, I33A, RCT, JCT, JCT, JCT, U42A, PBMO, V41A, X39A, T44A, I43A, W38A, N54A, WHTX, I33A, I33A, MIAR, MIAR, MIAR, V42A, WCI, WCI, I43A, S33A, I33A).

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

CSEM 11 04:15:38.0,38.32N,21.77E,h9km,ML1.2/3
ATH 11 04:15:38.0,38.32N,21.77E,h9km,2km,ML1.2/3,Error
ellipse: s-maj=2.8km s-min=1.0km az=128.0, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like UPUR University Cam, LAKA Lakka, TRIZ Trizonia, etc.

ISCJB 11 04:31:20.8,0.7,24.60N,0.05,122.49E,0.02,h90km,6km,
Error ellipse: s-maj=8.3km s-min=3.1km az=173.4
JMA 11 04:31:20.1,24.54N,122.47E,h100km,2km,ML1.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, EGS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EHY, JIJ, TYC, etc.

SCB 11 04:36:15.8,0.7,22.94S,66.55W,h220km,ML3.5/1, Error
ellipse: s-maj=16.5km s-min=8.0km az=24.0

ISCJB 11 04:36:18.4,0.4,23.05S,0.03,66.28W,0.07,h242km,
mb3.5/3, Error ellipse: s-maj=9.0km s-min=3.9km
az=179.3

IDC 11 04:36:19.2,1.0,22.94S,66.25W,h233km,12km,mb3.3/3,
mb1.3,5.7,mb1mx3.3/22,mbtmp4.0/7, Error ellipse:
s-maj=19.6km s-min=17.9km az=1.0

ISC 11 04:36:18.4,0.7,23.04S,0.05,66.28W,0.08,h242km,n22,
c201/31,mb4.0/3,8C-1D,Jujujy Province

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

UPP 11 04:40:00.7,2.7,58.38N,23.81E,h0km,ML2.2, Suspected
explosion

ISCJB 11 04:40:01.2,0.5,58.42N,0.04,23.54E,0.05,h0km, Error
ellipse: s-maj=5.6km s-min=3.7km az=154.0

CSEM 11 04:40:01.6,0.2,58.33N,23.62E,h1km,ML2.3, Error
ellipse: s-maj=7.0km s-min=3.6km az=149.0, Mining
explosion.

HEL 11 04:40:02.3,0.2,58.40N,23.55E,h0km,ML2.2,
ML2.2(UPP), Explosion

IDC 11 04:40:05.4,2.7,58.70N,23.51E,h0km,mb1.3,1/3,
mb1mx3.0/32,mbtmp3.0/3,ML2.7/3, Error ellipse:
s-maj=28.8km s-min=10.7km az=154.0

ISC 11 04:40:00.9,0.9,58.32N,0.04,23.59E,0.04,h0km,m63,
c126/80, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MTSE Matsula, SLIT, etc.

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

MEX 11 05:03:28.2,0.6,17.84N,102.10W,h5km,MD3.8, Near
coast of Michoacan

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

PGC 11 05:10:57.5,1.0,61.72N,137.02W,h15km,ML2.0/8,
110km Nne of Haines Jct., Yt Southern Yukon
Territory, Canada, Southern Yukon Territory

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like YUK5, YUK5, HYT, etc.

ISCJB 11 05:43:58.0,0.3,1.99N,0.04,97.77E,0.04,h46km,
mb4.2/26,MS3.3/7, Error ellipse: s-maj=6.5km

DJA 11 05:43:59.5,0.6,2.3N,3.98E, h10km,7km,ML4.4/8,
ML4.4/8

NEIC 11 05:44:00.8,0.5,1.99N,97.84E,h62km,4km,mb4.4/7,
Error ellipse: s-maj=6.4km s-min=3.8km az=64.0

IDC 11 05:44:00.1,0.7,1.99N,97.83E,h55km,5km,mb3.9/19,
mb1.4/20,mb1mx3.8/53,mbtmp4.2/20,MS3.3/7,
Ms1.3/3.7,ms1mx3.0/37, Error ellipse: s-maj=12.1km
s-min=7.4km az=163.0

ISC 11 05:44:00.0,0.4,2.03N,0.04,97.87E,0.05,h46km,n77,
c1943/82,mb4.3/26,MS3.3/7, Northern Sumaters

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

Table with columns: Station, Name, Frequency, Power, SNR, and other technical details. Includes stations like HJH, INU, ERM, ASAJ, etc.

Table with columns: Station, Name, Frequency, Power, SNR, and other technical details. Includes stations like XAN, H1S1, H1S3, ENH, BOD, SONA, etc.

Table with columns: Station, Name, Frequency, Power, SNR, and other technical details. Includes stations like ZALV, ZALV, ZALV, NVS, NVS, NVS, etc.

Table of astronomical observations for station 485, listing parameters like MOS, OBNS, OBN, etc., and their corresponding values.

Table of astronomical observations for station 2011 AUG, listing parameters like LCMT, MTPU, P17A, etc., and their corresponding values.

Table of astronomical observations for station 11d 6h, listing parameters like PUZ, PUKETITI, etc., and their corresponding values.

IDC 11 06:47:49.2±7.3, 6.89S±154.71E, h76km±61km, mbr3.3/4, mb1.3/6.5, mb1mx3.3/31, mbtmp3.7/5, ML2.1/1, Error ellipse: s-maj=64.2km s-min=31.6km az=118.0, Boninville-Solomon Islands region

Table of astronomical observations for station IDC 11 06:47:49.2±7.3, 6.89S±154.71E, listing parameters like Code, Station Name, Az, Phase ID, Time, Res, etc.

ISCJB 11 06:58:54.3±1.5, 6.9S±0.4, 13.1W±0.4, h13km, mb4.1/7, MS3.8/15, Error ellipse: s-maj=78.4km s-min=7.7km az=135.9

Table of astronomical observations for station ISCJB 11 06:58:54.3±1.5, 6.9S±0.4, 13.1W±0.4, listing parameters like Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Babate, Riachuelo, TORD, BOSA, CPUP, etc.

IDC 11 06:59.4.3.6, 19.935S-176.95W, h0km, mb3.7/2, mb1 4.0/2, mb1mx3.6/30, mbtm3.7/2, Error ellipse: s-maj=259.2km s-min=75.1km az=164.0, Fiji Islands region

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

NNC 11 07:01:29.8.2.8, 37.93N:72.18E, h0km, mb3.9, mpv3.5, 5C-2D, Error ellipse: s-maj=24.5km s-min=8.4km az=146.0, Tajikistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DZET Dzerhino, MNAS Manas, AAK Ala-Archa, etc.

NIED 11 07:05:00.36.80N:141.90E, h29km, Mw4.0, Best double couple: Mo1.14000x1015 NP1.300.000000, 320.000000, lambda=1601.000000, NP2.191.000000, 586.000000, tau=7.700000

IDC 11 07:05:36.6.0.7, 36.65N:141.92E, h0km, mb3.9/11, mb1 4.0/17, mb1mx3.9/44, mbtm3.9/17, ML3.5/6, MS3.2/7, Ms1 3.2/7, ms1mx2.9/43, Error ellipse: s-maj=20.0km s-min=15.7km az=124.0

JMA 11 07:05:39.4.0.3, 36.75N:141.88E, h38km, mb3.9/11, mb1 4.0/17, mb1mx3.9/44, mbtm3.9/17, ML3.5/6, MS3.2/7, Ms1 3.2/7, ms1mx2.9/43, Error ellipse: s-maj=20.0km s-min=15.7km az=124.0

NEIC 11 07:05:43.2.1.2, 36.58N:141.76E, h52km, mb3.10m, mb4.1/2, Error ellipse: s-maj=13.6km s-min=5.9km az=121.0

ISC 11 07:05:38.9.1.8, 36.65N:0.05:141.72E, h0.06, h15km, 10km, n44, c1562/41, mb3.8/13, MS3.1/3, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ANWB Willy Bob, ANWA Boggy Peak, NEV Hard Times, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KLR Kunigami, PETK Petropavlovsk, MA2 Magadan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H1S2 WAKE ISLAND Hy, TLY Talayo, ZALV Zalesovo Beam, etc.

ATH 11 07:07:07.6.4.11, 10N:24.68E, h10km, 4km, ML1.7/1, Error ellipse: s-maj=1.4km s-min=0.9km az=217.0

CSEM 11 07:07:08.3.0.2, 41.06N:24.68E, h2km, ML1.7, Error ellipse: s-maj=4.9km s-min=3.4km az=26.0

BE0 11 07:07:12.9.1.4, 11.16N:24.56E, h17km, M2.0/4, THE 11 07:07:08.1, 41.13N:24.70E, h2km, 28km, ML1.8/4, Error ellipse: s-maj=28.2km s-min=0.5km az=357.0, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KAVA Kavala, RDO Rodhopi, NVR Nevrokopi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SMTH Samothraki Is, OUR Ouranopolis, PLD Plovdiv, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ALN Alexandroupoli, ALX Alexandroupoli, SOH Sokhos, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LIA Hortiatis, HORT Hortiatis, KNT Kendrickon, etc.

TRN 11 07:08:17.3, 17.66N:62.04W, h45km, MD3.6, 1D, Leeward Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ANWB Willy Bob, ANWA Boggy Peak, NEV Hard Times, etc.

NIED 11 07:22:00.39.90N:142.50E, h47km, Mw3.7, Best double couple: M3.80000x1014 NP1.268.000000, 320.000000, lambda=173.000000, NP2.172.000000, 586.000000, tau=7.700000

ISCJB 11 07:22:21.2.1.1, 39.90N:0.05:142.5E, h1.4, h49km, 9km, mb3.4/4, Error ellipse: s-maj=15.0km s-min=7.8km az=179.0

JMA 11 07:22:21.3.0.1, 39.93N:142.48E, h35km, 1km, M3.7, IDC 11 07:22:25.7.4.6, 39.98N:142.26E, h76km, 44km, MB3.1/4, mb1 3.3/5, mb1mx3.2/41, mbtm3.3/45, ML3.2/1, MS2.7/1, Ms1 2.7/1, ms1mx2.7/11, Error ellipse: s-maj=46.5km s-min=26.1km az=102.0

ISC 11 07:22:20.7.1.9, 39.98N:0.05:142.48E:0.09, h30km, 12km, n21, c1814/23, mb3.5/4, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MIYJ Miyakonagasawa, MIYJ Nango, KJZ Kuzumaki, etc.

SCB 11 07:30:30.7.0.6, 22.97S:66.77W, h198km, M4.0/3, Error ellipse: s-maj=16.2km s-min=7.3km az=27.0

SJA 11 07:30:30.7.0.8, 23.01S:66.57W, h244km, 9km, ML3.7, MW3.4, ISCJB 11 07:30:32.9.0.3, 23.13S:0.03:66.73W:0.04, h216km, 2km, mb4.2/29, Error ellipse: s-maj=5.5km s-min=3.8km az=155.9

NEIC 11 07:30:32.1.0.6, 23.17S:66.44W, h202km, 6km, mb4.2/19, Error ellipse: s-maj=9.9km s-min=7.4km az=60.0

IDC 11 07:30:32.1.1.5, 23.19S:66.43W, h209km, 12km, MB3.8/9, mb1 3.9/13, mb1mx3.7/26, mbtm3.4/13, Error ellipse: s-maj=22.3km s-min=13.8km az=21.0

GUC 11 07:30:34.1.0.5, 23.01S:67.25W, h260km, 12km, ML5.1, ISC 11 07:30:32.8.0.7, 23.15S:0.04:66.66W:0.05, h214km, 6km, n75, c1972/96, mb4.1/29, 18C-2D, Jujuy Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HJA Hamahuaca, YJA Yavi, AZAP Zapla, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FSA Cafayete, PB07 IPOC Station P, PB04 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PB14 IPOC Station P, AHML Horco Molle, HMBC Humburstone, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PSGC Pisagua, PSGC Minye Minye, NMNC Minye Minye, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AMOG Mogna, ACHE Chepes, SIV San Ignacio, etc.

Table with columns: SNGE, Sanandaj, 1.75, 2 ePg, Pg, 08 20 47.3 +0.9, etc.

NEIC 11 08:25:35.2, 38.97'S; 178.09'E, h41km, ML3.8(WEL), After WEL.

NEIC Felt in the Gisborne-Wairoa area. WEL 11 08:25:35.0-1, 38.97'S; 178.08'E, h39km, ML3.8/47, 19C-14D, Error ellipse: s-maj=1.3km s-min=0.6km az=90.0, Off east coast of North Island

Main table listing station names, codes, and times. Includes stations like Paritu Road, Mahia Peninsula, Rimuhau, etc.

Main table listing station names, codes, and times. Includes stations like Utuhina, Whakaoara, Kaharoa, etc.

Table listing station names, codes, and times. Includes stations like Tophouse, Kahutara, Denniston North, etc.

KRNET 11 08:38:44.5-0.1, 41.67N; 73.10E, h14km, mb4.4. ISCBJ 11 08:38:45.8-0.3, 41.65N; 0.02; 73.01E; 0.03, h10km, Error ellipse: s-maj=3.8km s-min=2.7km az=142.4.

NINC 11 08:38:45.3-0.4, 41.68N; 73.01E, h0km, mb4.7, mpv4.5. Error ellipse: s-maj=2.7km s-min=2.0km az=32.0. SOME 11 08:38:45.4, 41.67N; 73.12E, h15km, MS3.6. BUJ 11 08:38:53.3, 41.24N; 73.47E, h10km, ML3.7/6. LTZ 11 08:38:45.8-0.6, 41.64N; 0.02; 73.10E; 0.02, h10km, n50, e160/95, 43C-20D, Kyzgystan

Main table listing station names, codes, and times. Includes stations like Arslanbob, Almayashu, Arkit, etc.

11d 9h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURS, ARXS, DZET, MNBS, etc.

NIED 11 09:07:00, 38.60N, 144.70E, h5km, Mw3.5 Best double couple...

ISCJ 11 09:07:40.9, 0.8, 38.58N, 0.05, 144.68E, 0.07, h35km, mb3.8/4, Error ellipse: s-maj=8.0km s-min=6.8km az=138.3

JMA 11 09:07:41.4, 0.2, 38.63N, 144.67E, h45km, M3.7

ISC 11 09:07:42.3, 1.3, 38.59N, 0.06, 144.75E, 0.10, h35km, n19, s172.27, mb3.9/4, Off east coast of Honshu

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

NIED 11 09:12:00, 37.40N, 141.90E, h8km, Mw4.1 Best double couple...

ISC 11 09:12:13.9, 0.7, 37.43N, 141.86E, h0km, mb3.9/9, mb1.4/12, mb1mx4.0/32, mbtmp3.9/12, ML3.3/3, MS3.2/7, Ms1.3/2.7, ms1mx3.0/43, Error ellipse: s-maj=22.5km s-min=15.7km az=124.0

JMA 11 09:12:15.8, 0.2, 37.44N, 141.84E, h28km, 3km, M4.4

NEIC 11 09:12:19.2, 0.4, 37.45N, 141.80E, h35km, mb4.4/2, Error ellipse: s-maj=12.0km s-min=7.3km az=142.0

NEIC Recorded (2 JMA) in Fukushima.

ISC 11 09:12:14.1, 4.1, 37.43N, 0.05, 141.86E, 0.06, h5km, 11km, n41, s118.42, mb4.0/11, Near east coast of eastern Honshu

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

2011 AUG

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

ISC 11 09:16:56.8, 0.8, 6.86S, 12.37W, h0km, mb4.2/14, mb1.4/31.5, mb1mx4.1/34, mbtmp4.0/34, Error ellipse: s-maj=22.8km s-min=18.4km az=142.0

ISCJ 11 09:16:57.7, 0.5, 6.91S, 12.35W, 0.09, h19km, mb4.4/23, MS4.2/14, Error ellipse: s-maj=14.3km s-min=9.1km az=37.1

NEIC 11 09:16:57.9, 0.5, 6.92S, 12.45W, h10km, mb4.6/2, Error ellipse: s-maj=16.1km s-min=11.7km az=138.0

GCMT 11 09:16:57.9, 0.3, 6.96S, 12.70W, h16km, 1km, MW5.0/84, Moment Tensor Solution, s27.632, s84.314; Duration: 0.5

Moment Tensor Solution: Scale 1016Nm; Mir-0.30e-12; Mm-1.03e-10; Mm1-8.3e-12; Mm2-0.68e-34; Mm3-2.30e-09; Mm4-1.66e-41; Best double couple: M3 245000/1016

IP: 0.255 00000; 0.870 00000; 0.14 00000; Principal axes: T 3.7810, Plg24.0000, Azm116.0000; N -1.0730, Plg66.0000, Azm309.0000; P -2.7100, Plg5.0000, Azm208.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 11 09:16:59.0, 0.6, 7.05S, 0.1, 12.5W, 0.1, h19km, n50, s174/33, mb4.4/25, MS4.3/14, 1D, Ascension Island region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASCN, H10N2, H10N3, etc.

490

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NOA, NORSAR Array B, NOA, etc.

BKK 11 09:18:58.7, 1.1, 2.0N, 6.9E, h10km, M4.0/4, MLv4.0/4, Myanmar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAI, CHIANG MAI, CHTO, etc.

ISCJ 11 09:19:33.9, 1.2, 6.77N, 0.04, 34.0E, 0.2, h0km, Error ellipse: s-maj=9.0km s-min=6.1km az=3.1

CSEM 11 09:19:35.7, 0.5, 6.76N, 0.33, 87E, h1km, ML2.6, Error ellipse: s-maj=11.3km s-min=5.5km az=80.0, Mining explosion.

HEL 11 09:19:35.2, 0.2, 6.76N, 0.34, 10E, h0km, ML2.2, Explosion

NAO 11 09:19:35.0, 1.3, 6.77N, 0.34, 00E, ML2.6

KCL 11 09:19:36.2, 6.76N, 0.33, 93E, h0km

ISC 11 09:19:31.8, 1.6, 6.78N, 0.04, 34.36E, 0.09, h0km, n25, s189/46, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APA, APATY Array, APAA, etc.

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like BRVK, Borovoye, PKIN, etc.

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like TLY, Talaya, Irkutsk, Hyderabad, etc.

Table with columns for station name, frequency, polarization, and coordinates. Includes stations like TIY, Taiyuan, Chita, Guiyang, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Rattle, Elevation Rattle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rumble, Elevation Rumble, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Roar, Elevation Roar, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Gasp, Elevation Gasp, Azimuth Scream, Elevation Scream, Azimuth Roar, Elevation Roar, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Gasp, Elevation Gasp.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Rattle, Elevation Rattle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rumble, Elevation Rumble, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Roar, Elevation Roar, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Gasp, Elevation Gasp.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Rattle, Elevation Rattle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rumble, Elevation Rumble, Azimuth Whistle, Elevation Whistle, Azimuth Scream, Elevation Scream, Azimuth Roar, Elevation Roar, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Gasp, Elevation Gasp.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SONM Sogingo Array, H1N12 WAKE ISLAND Hy 29.74 139 T, H1N11 WAKE ISLAND Hy 29.75 139 T, etc.

SKHL 11 10:57:37.0, 1.0, 42.19N, 143.27E, h66km, 10km, mb4.6/3
JMA 11 10:57:38.0, 1.4, 42.18N, 143.04E, h69km, 2km, M3.3
ISC 11 10:57:39.5, 1.6, 42.34N, 143.06E, 0.04, h63km, 11km, n18, r<120/30, 6C-4D, Hokkaido region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JCH Churui, JCH Urakawa-nobuka, JBT2 Biratori 2, JFR Furan, etc.

ISCJB 11 10:58:57.5, 1.4, 17.2S, 0.6, 178.8W, 0.4, h53km, mb3.7/6, Error ellipse: s-maj=89.9km s-min=17.1km az=149.3
IDC 11 10:59:02.1, 5.0, 17.35S, 178.85W, h58km, 5.7km, mb3.2/6, mb1 3.5/7, mb1mx3.1/31, mbtmp4.2/7, Error ellipse: s-maj=78.2km s-min=24.5km az=149.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 11 11:03:29.3, 2.0, 32.82S, 178.90W, h0km, mb4.2/2, mb1 4.5/3, mb1mx3.8/30, mbtmp4.3/3, ML4.4/1, Error ellipse: s-maj=59.1km s-min=37.3km az=137.0
ISCJB 11 11:03:32.8, 1.4, 33.23S, 0.07, 178.6W, 0.2, h45km, mb4.1/2, Error ellipse: s-maj=23.4km s-min=9.5km az=11.3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, FINES FINES Array B, NB2 NORSAR Subarra, etc.

NIED 11 11:04:00.26, 90N, 129.50E, h0km, Mw4.2. Best double couple: M2 04000.0, 1015, NP1=178.00000, 850.00000, 1-177.00000, NP2=82.00000, 883.00000, 1-40.00000
IDC 11 11:04:18.0, 0.7, 26.99N, 129.42E, h0km, mb4.0/17, mb1 4.2/20, mb1mx1.4/3, mbtmp4.1/20, ML4.7/2, MS3.6/1, Ms1 3.6/1, ms1mx3.0/37, Error ellipse: s-maj=17.7km s-min=13.9km az=143.0

ISCJB 11 11:04:19.4, 0.8, 26.98N, 129.51E, 0.03, h26km, 6km, mb3.9/18, MS3.6/1, Error ellipse: s-maj=5.5km s-min=3.5km az=136.6
NEIC 11 11:04:19.2, 0.6, 26.90N, 129.42E, h10km, mb4.4/2, Error ellipse: s-maj=14.5km s-min=7.5km az=135.0

JMA 11 11:04:20.9, 0.1, 26.93N, 129.52E, h53km, M4.0
ISC 11 11:04:19.3, 2.1, 26.92N, 129.42E, 0.04, h12km, 13km, n66, r<153/83, 6B, 4/18, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JOKE Okinoerabujima, JOKE Tokunoshima, JTK JTK, JOW Kunigami, etc.

KRNET 11 11:23:35.8, 0.1, 39.94N, 77.47E, mb3.3
NNC 11 11:23:37.9, 2.1, 40.09N, 77.15E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=18.2km s-min=11.1km az=168.0
ISC 11 11:23:40.1, 2.0, 40.01N, 0.09, 77.34E, 0.07, h10km, n17, r<188/30, 25C-9D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KDJ Kajisay, ULHL Ulahob, ULHL Ulahob, KZA Kyzart, etc.

ISCJB 11 11:27:25.0, 4.7, 73S, 0.06, 155.47E, 0.06, h50km, mb4.3/25, MS3.4/7, Error ellipse: s-maj=9.5km s-min=6.9km az=136.8

NEIC 11 11:27:28.5, 1.5, 77.0S, 155.36E, h1km, 14km, mb4.6/14, Error ellipse: s-maj=11.7km s-min=9.3km az=153.0
IDC 11 11:27:29.9, 2.6, 73.0S, 155.42E, h75km, 24km, mb3.9/14, mb1 4.1/17, mb1mx1.0/31, mbtmp4.3/17, MS3.6/10, Ms1 3.6/10, ms1mx3.4/26, Error ellipse: s-maj=17.2km s-min=15.2km az=107.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like mb1 4.0/12, mb1mx3.8/45, mbtmp3.9/12, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JKE Kume jima 2, JY2 Tamagusuku 2, JY2 Tamagusuku 2, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KDJ Kajisay, ULHL Ulahob, ULHL Ulahob, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FRU1 61m, FRU1 61m, FRU1 61m, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, HNR Honiara, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Lasithi, Timbaki Herakl, Sivas, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PDO Prodomos, AKASO Malin Array B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BMGR Bremner River, DAWY Dawson, etc.

GUMO	comp=Z,511nm,20.7s,baz=8.5,slow=38	LR	LR	13 47 17.2					
GUMO	Guam	24.84 174	P	P	13 36 43.3	-1.1			
GUMO	comp=Z,124nm,1.1s		pmx						
GUMO	comp=Z,511nm,20.7s		MLR	MLR					
GUMO	Guam	24.84 174	P	P	13 36 42.0	-2.4			
YAK	comp=Z,274nm,1.1s		P	P	13 36 43.3	-0.9			
Yakutsk	comp=Z,32nm,0.4s,baz=162,slow=1.6,SNR=17	24.86 346	eP	P	13 36 42.9	-1.3			
YAK	comp=Z,954nm,19.4s,baz=152,slow=36		LR	LR	13 46 31.8				
YAK	Yakutsk	24.86 346	eP	P	13 36 42.9	-1.3			
YAK			ePP	pP	13 36 51.4	+0.1			
YAK			ePPP	PPP	13 37 24.6				
YAK			eS	S	13 41 01.6	-3.9			
YAK			eSS	sS	13 41 18.0	+0.8			
YAK			eSSS	SSS	13 42 02.2				
YAK			e		13 47 42.9				
YAK	comp=Z,76nm,1.0s		pmx	pmx					
YAK	comp=N,40nm,1.0s		pmx	pmx					
YAK	comp=E,21nm,1.3s		pmx	pmx					
YAK	comp=Z,65nm,1.0s		smx	smx					
YAK	comp=E,215nm,1.4s		smx	smx					
YAK	comp=N,269nm,1.4s		MLR	MLR					
YAK	comp=E,2um,16.0s		MLR	MLR					
YAK	comp=N,2um,14.0s		MLR	MLR					
YAK	comp=Z,2um,13.0s		MLR	MLR					
BOD	Bodaibo	26.70 326	eP	P	13 36 59.9	-1.0			
BOD	comp=Z,54nm,1.4s		pmx	pmx					
XAN	Xi'an	27.09 271	P	P	13 37 03.6	-1.1			
XAN			pP	pP	13 37 10.5	-1.3			
XAN			PP	PnPn	13 37 47.5	-0.3			
XAN			S	S	13 41 36.4	-5.0			
XAN			SS	SnSn	13 42 50.2	+1.5			
XAN	comp=Z,46nm,0.7s		pmx	pmx					
XAN	comp=Z,140nm,7.2s		pmx	pmx					
XAN	comp=Z,2um,15.2s		LR	LR					
XAN	comp=Z,1um,13.1s		LR	LR					
SONA1	Songino Array	27.54 302	eP	P	13 37 08.6	-0.1			
SONM	Songino Array	27.54 302	P	P	13 37 08.6	-0.1			
SONM	comp=Z,4.3nm,0.7s,baz=106,slow=7.1,SNR=16		PcP	PcP	13 40 26.3	+0.1			
SONM	comp=Z,2.1nm,0.8s,baz=119,slow=5.6,SNR=3.1		ScP	ScP	13 44 04.3	-0.9			
SONM	comp=Z,1.5nm,1.1s,baz=106,slow=3.2,SNR=5.8		LR	LR	13 48 01.1				
ENH	Enshi	28.07 263	eP	P	13 37 12.6	-0.9			
ENH	comp=Z,112nm,0.8s		LR	LR					
H112	WAKE ISLAND Hy	28.38 124	T	T	14 06 55.4				
H112	baz=316,slow=75,SNR=106								
H111	WAKE ISLAND Hy	28.39 124	T	T	14 06 57.7				
H111	baz=316,slow=75,SNR=8202								
H113	WAKE ISLAND Hy	28.40 124	T	T	14 06 54.2				
H113	baz=316,slow=75,SNR=9690								
GZH	Guangzhou	28.95 247	P	S	13 37 15.9	-5.4			
GZH			S	S	13 42 11.9	+1.1			
GZH	comp=Z,270nm,3.7s		pmx	pmx					
H11S1	WAKE ISLAND Hy	29.15 126	T	T	14 07 56.9				
H11S1	baz=318,slow=76,SNR=3470								
H11S3	WAKE ISLAND Hy	29.15 126	T	T	14 07 55.7				
H11S3	baz=318,slow=76,SNR=5290								
H11S2	WAKE ISLAND Hy	29.16 126	T	T	14 07 56.3				
H11S2	baz=318,slow=76,SNR=4790								
IRK	Irkutsk	29.64 310	eP	P	13 37 08.9	-1.8			
IRK			e		13 37 27.4				
IRK	comp=Z,90nm,3.2s		pmx	pmx					
TLY	Talaya	29.90 309	eP	P	13 37 29.9	+0.4			
TLY			e		13 38 42.2				
TLY			eS	S	13 42 22.3	-3.0			
TLY	comp=Z,27nm,1.1s		pmx	pmx					
TLY	comp=Z,2um,18.0s		MLR	MLR					
ZAK	Zakamensk	29.91 306	eP	P	13 37 29.0	-0.7			
ZAK			e		13 40 35.4				
ZAK	comp=Z,24nm,1.2s		pmx	pmx					
LZH	Lanzhou	30.45 278	eP	P	13 37 33.4	-1.3			
LZH			pP	pP	13 37 43.8	-1.1			
LZH			eS	S	13 42 27.0	-7.5			
LZH			sS	sS	13 42 46.0	-0.4			
LZH	comp=Z,40nm,1.2s		pmx	pmx					
LZH	comp=Z,130nm,5.3s		LR	LR					
LZH	comp=Z,2um,12.9s		LR	LR					
LZH	comp=Z,350nm,13.9s		LR	LR					
TGY	Tagaytay City	30.66 224	P	P	13 37 36.5	0.0			
TGY	comp=Z,87nm,0.3s,baz=341,slow=13,SNR=6.1								
MOY	Mondy	31.53 308	eP	P	13 37 44.4	+0.4			
MOY	comp=Z,63nm,2.3s		pmx	pmx					
GYA	Guiyang	32.06 259	lP	P	13 37 48.1	-0.8			
GYA			PP	PnPn	13 38 57.0	+2.4			
GYA			PcP	PcP	13 40 39.6	+1.4			
GYA			S	S	13 42 55.7	-4.0			
GYA			ScP	ScP	13 44 18.0	-2.1			
GYA			SS	SnSn	13 44 50.5	+0.4			
GYA	comp=Z,100nm,1.0s		pmx	pmx					
GYA	comp=Z,140nm,4.9s		LR	LR					
GYA	comp=Z,1um,16.4s		LR	LR					
GYA	comp=Z,1um,16.7s		LR	LR					
CD2	Chengdu	32.29 268	P	P	13 37 50.2	-0.6			
CD2			S	S	13 43 00.4	-2.7			
CD2	comp=Z,60nm,0.5s		pmx	pmx					
CD2	comp=Z,260nm,5.0s		pmx	pmx					
CD2	comp=Z,3um,13.3s		LR	LR					
CD2	comp=Z,2um,16.7s		LR	LR					
BILL	Bilbino	32.53 17	eP	P	13 37 52.3	-0.1			
BILL	comp=Z,41nm,2.5s		MLR	MLR					
BILL	comp=Z,800nm,17.0s		eP	P	13 37 52.8	+0.3			
BILL	comp=Z,98nm,1.3s		P	P	13 37 55.0	+0.1			
GTA	Gaotai	32.75 285	P	P	13 37 55.0	+0.1			
GTA			pP	pP	13 38 04.4	-0.7			
GTA			pP	pP	13 38 08.5	+6.4			
GTA			ScP	ScP	13 40 40.7	+0.8			
GTA			S	S	13 43 08.2	-2.1			
GTA			sS	sS	13 43 25.4	+3.2			
GTA			ScP	ScP	13 44 22.3	0.0			
GTA			PcS	PcS	13 44 25.4	+0.2			
GTA			SS	SnSn	13 45 08.4	+1.8			
GTA			ScS	ScS	13 48 20.6	-1.6			
GTA	comp=Z,8.0nm,1.2s		pmx	pmx					
GTA			pmx	pmx					

GTA	comp=Z,80nm,4.9s		LR	LR					
GTA	comp=Z,3um,19.0s		LR	LR					
GTA	comp=Z,2um,18.1s		LR	LR					
QIZ	Qiongzhou	34.05 245	P	P	13 38 06.4	+0.2			
QIZ			S	S	13 43 35.3	+4.8			
QIZ	comp=Z,11nm,1.1s		pmx	pmx					
QIZ	comp=Z,1um,16.1s		LR	LR					
KMI	Kunming	35.78 260	P	P	13 38 22.2	+0.9			
KMI			pP	pP	13 38 28.5	-0.1			
KMI			sP	sP	13 38 32.4	+0.9			
KMI			PP	PnPn	13 39 41.7	+0.2			
KMI			SS	SnSn	13 43 55.0	-2.4			
KMI			SS	SnSn	13 46 18.9	-1.5			
KMI	comp=Z,38nm,1.1s		pmx	pmx					
KMI	comp=Z,78nm,3.1s		LR	LR					
KMI	comp=Z,2um,14.9s		LR	LR					
KMI	comp=Z,880nm,15.4s		LR	LR					
MYLDM	Lahad Datu	39.46 219	eP	P	13 38 53.5	+1.2			
MYLDM	comp=Z,196nm,1.5s								
MYLDM	Lahad Datu	39.46 219	lP	P	13 38 54.9	+2.6			
NONG	Nongkai	39.53 250	P	P	13 38 53.6	+0.7			
NONG	comp=Z,32nm,1.1s,comp=Z,4um								
SKNT	Sakolnakhom	39.61 248	P	P	13 38 57.7	+5.2			
SKNT	comp=Z,55m,1.0s								
UBPT	Khong Chiarn	39.66 245	P	P	13 38 58.7	+3.8			
UBPT	comp=Z,36nm,1.0s,comp=Z,552nm								
SDKM	Sandakan	39.73 221	lP	P	13 38 55.3	+0.8			
SDKM			P	P	13 38 58.3	-1.4			
SJI	Sorong	40.36 197	P	P	13 39 02.4	+1.2			
SJI	TSM	40.54 219	lP	P	13 39 03.5	+0.5			
SWJ	Jayapura	40.75 182	P	P	13 39 03.8	+0.8			
WMQ	Urumqi	40.77 296	P	P	13 39 14.0	+0.8			
WMQ			pP	pP	13 39 14.0	+0.8			
WMQ			PcP	PcP	13 41 05.4	+1.5			
WMQ			S	S	13 45 10.7	-1.5			
WMQ			SS	SS	13 48 07.5	-5.7			
WMQ	comp=Z,51nm,1.1s		pmx	pmx					
WMQ	comp=Z,220nm,3.7s		pmx	pmx					
WMQ	comp=Z,910nm,16.9s		LR	LR					
WMQ	comp=Z,380nm,12.1s		LR	LR					
WMQ	comp=Z,240nm,21.1s		LR	LR					
GENI	Genyum	40.85 183	P	P	13 39 04.4	+0.7			
LBMI	Labuha	41.15 203	P	P	13 39 08.3	+2.1			
KMSI	Cibinong	41.20 208	P	P	13 39 06.5	-0.2			
ZAO	Zalesovo Array	41.44 311	eP	P	13 39 08.3	+0.1			
ZALV	Zalesovo Beam	41.44 311	P	P	13 39 05.8	+0.2			
ZALV	comp=Z,9.3nm,0.5s,baz=85,slow=7.4,SNR=51								
ZALV	comp=Z,4.7nm,0.5s,baz=106,slow=2.1,SNR=4.6								
ZALV	comp=Z,2.2nm,0.8s,baz=48,slow=4.4,SNR=3.7								
ZALV	comp=Z,2um,18.4s,baz=70,slow=37		LR	LR	13 57 05.4				
ZALV	Zalesovo Beam	41.44 311	P	P	13 39 08.5	+0.2			
ZALV			S	S	13 41 05.8				
ZALV	comp=Z,9.0nm,0.5s		pmx	pmx					
ZALV	comp=Z,5.0nm,0.5s		pmx	pmx					
ZALV	comp=N,2.0nm,0.8s		pmx	pmx					
ZALV	comp=Z,2um,18.4s		MLR	MLR					
CMAI	Chiengmai2	41.49 256	P	P	13 39 10.9	+1.7			
CMAI	comp=Z,239nm,1.3s								
GTOI	Gorontalo	41.52 210	P	P	13 39 09.1	-0.1			
UTTA	Uttaradit	41.66 252	P	P					

11d 13h

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like TWSI, SRBI, HYT, INK, KVAR, etc.

2011 AUG

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like NLWA, B05A, MOS, LON, etc.

502

Table with columns: Station, Name, Frequency, Power, Class, and other technical details. Includes stations like FFC, FFC, FFC, MFID, PAHR, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like PDAR, BORG, VOIR, MALT, GSC, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like LANS, KECS, KECS, KECS, KECS, KECS, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like PRU, PRU, PRU, PRU, PRU, PRU, etc.

Table with columns: Station Name, Magnitude, Azimuth, Distance, and other parameters. Includes stations like MYKA Terra Mystica, BNM Barren Site, Q31A Woolen Ranch, etc.

Table with columns: Station Name, Magnitude, Azimuth, Distance, and other parameters. Includes stations like T35A Sooner Cattle, P39B Sallisburg, W33A Caddo, Fort Co, etc.

Table with columns: Station Name, Magnitude, Azimuth, Distance, and other parameters. Includes stations like PBMO Poplar Bluff, MIAR Mount Ida, MIAR comp=Z,15nm,0.9s, etc.

JMA 11 13:33:50.6±0.1, 38.48N, 142.20E, h27km, 2km, M3.9, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JIO Ouri, JIO Ouri, OFUJ Ofunato, etc.

DDA 11 13:37:11.0, 40.44N, 28.90E, h17km, M3.8
ISCJB 11 13:37:11.5±0.3, 40.47N, 02.28E, 0.02, h6km, 2km,
Error ellipse: s-maj=3.0km s-min=2.3km az=18.4
CSEM 11 13:37:11.7±0.1, 40.45N, 28.89E, h5km, ML3.6, Error
ellipse: s-maj=2.1km s-min=2.0km az=20.0
IASPEI 11 13:37:11.3±0.8, 40.43N, 02.28E, 0.02, h9km, 5km,
Error ellipse: s-maj=2.9km s-min=2.5km az=156.4, GT5
selection from ISC bulletin GT5 identified by Bond jr and
McLaughlin (2009) selection criteria Bond jr and
McLaughlin, A new ground truth data set for seismic
swathes, <S>Seism. Res. Let. </>, 80, 465-472,
2009

ISK 11 13:37:11.1, 40.44N, 28.91E, h5km, ML3.6
THE 11 13:37:13.6, 40.56N, 28.85E, h10km, 4km, ML3.0/2, Error
ellipse: s-maj=5.6km s-min=1.3km az=65.0
ISC 11 13:37:11.5±0.8, 40.45N, 02.28E, 0.01, h8km, 5km,
n161, 0871/201, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDNY Mudanya-Bursa, MDNY Mudanya-Bursa, ARMT Armutlu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KLYT Kilyos, SBT3 Marmara-Eregli, and many others.

MAN 11 13:39:04, 19.00N, 121.42E, h22km, mb4.4, ML3.3, MS3.1, 1C, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SGCP Mt. Cagua, CVP Callao Caves, CAUP Cauayan.

IDC 11 13:39:36.8-7.0, 19.26Sx177.60W, h0km, mb3.5/3, mb1 3.9/3, mb1mx3.6/27, mbtmp3.5/3, Error ellipse: s-maj=307.1km s-min=36.8km az=144.0, Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

IDC 11 13:40:47.4:1.6, 15.43S-175.29W, h242km, 34km, mb3.4/3, mb1 3.7/4, mb1mx3.2/29, mbtmp4.0/4, Error ellipse: s-maj=179.7km s-min=20.3km az=151.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI Afiamalu, WRA Warramunga Arr, PDAR Pinedale Array.

IDC 11 14:23:03.0:0.3, 40.45N-0.02-28.90E, h4km, 3km, Error ellipse: s-maj=3.4km s-min=3.3km az=6.6

DDA 11 14:23:02.5, 40.46N-28.92E, h16km, Md2.6, ISK 11 14:23:02.5, 40.42N-28.92E, h9km, ML2.8, Error ellipse: s-maj=2.4km s-min=2.2km az=148.0

ISC 11 14:23:02.8:0.8, 40.42N-0.02-28.92E:0.02, h9km, 5km, n73, c083/94, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDNY Mudanya-Bursa, ARMT Armutlu, GEMT Gemlik.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ORHL Orhanelli, KCTX Karacabey, KCTK Karacabey (Bur).

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TUZL Tuzla-Istanbul, LAFA Gebze-Kocaeli, LAFA Gebze-Kocaeli.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HVHR Bakirkoy-Istan, BVHT Guzelle-Avcila, BVHT Guzelle-Avcila.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ADVT Abdulvahap, ADVT Abdulvahap, SINB Sinanoba-Istan.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAVV Kandiil-Istan, ISK Istanbul-Kandi, HRT Hereke.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EDC Edincik, KLYT Kilyos, KLYT Kilyos.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SBT3 Marmara-Eregli, SBT3 Marmara-Eregli, CTKS Kestanelik-??a.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOTS Marmara Eregli, BOTS Marmara Eregli, SILT Sile.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SILT Sile, SILT Sile, SILV Silivri.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GONE Gonen-Balikesi, GONE Gonen-Balikesi, SPNC Sapanca-Adapaz.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BALB Balikesir, BALB Balikesir, SBT4 Kumbag-Tekirda.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SBT4 Kumbag-Tekirda, SBT4 Kumbag-Tekirda, CTYL Yalikoy Yolu.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAND Kocaeli-Kandir, KAND Kocaeli-Kandir, KAND Kocaeli-Kandir.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUL Gulveren, GUL Gulveren, BORA Eskisehir.

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KES Edirne-Kesan, KES Edirne-Kesan, KES Edirne-Kesan.

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

SOME 11 14:26:16.7, 48.68N-77.72E, h0km, NNC 11 14:26:20.7, 48.66N-78.47E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=42.8km s-min=15.9km az=69.0, Suspected Mining explosion.

<240/18, 3C-2D, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, KURBB Kurchatov Arra.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MK31 Makanchi Array.

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

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

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

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

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

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

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

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

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

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

NIED 11 14:30:00, 39.20N, 142.50E, h35km, Mw4.0 Best double couple: M0.12000x1015 NP1.0x51.00000, s22.00000, lambda-61.00000, NP2.0x200.00000, s71.00000, lambda-101.00000.

JMA 11 14:30:03.5, 39.22N-142.46E, h33km, 1km, M4.0, JMA Feil JI

IDC 11 14:30:06.4:1.9, 39.18N-142.51E, h46km, 18km, mb3.6/7, Mb1 3.9/3, mb1mx3.6/34, mbtmp3.9/34, ML3.2/5, MS3.0/4, Msl 3.0/4, ms1mx2.7/37, Error ellipse: s-maj=25.2km s-min=12.2km az=104.0

ISC 11 14:30:01.2:2.0, 39.20N-142.53E:0.07, h6km, 11km, n30, c176/33, mb4.0/7, Near east coast of eastern Honshu

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JJK Jang Nung, JJK Jang Nung.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, MJAR Matsushiro Arr.

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

HJH Hachiojima 2, 6.46 201 P, 3.5nm, 0.3s, baz=84, slow=19, SNR=3.4

JHU 7.1nm, 0.3s, baz=64, slow=18, SNR=2.3, USRK Utsuriyask Arr, 9.33 306 P, 0.3nm, 0.3s, baz=113, slow=14, SNR=20

USRK 0.3nm, 0.3s, baz=113, slow=14, SNR=20, comp=Z, 1.135nm, 20.0s, baz=105, slow=35

JNU Natsukesu, 11.19 241 P, EDC Kandicik, 0.81 262 P, 0.2m, 0.3s, baz=344, slow=19, SNR=2.3

KSRK Korea Array, 11.60 266 P, 0.1nm, 0.3s, baz=97, slow=14, SNR=6.0, KSRK 0.1nm, 0.3s, baz=97, slow=14, SNR=6.0

KLR Kul'dud, 12.65 326 LR, comp=Z, 6.77nm, 21.1s, baz=127, slow=37

SOMN Songoing Array, 27.38 300 P, 0.3nm, 0.4s, baz=109, slow=9.5, SNR=1.9

H1N2 WAKE ISLAND Hy 28.60 126 T, baz=317, slow=75, SNR=336, H1N1 WAKE ISLAND Hy 28.61 126 T, baz=317, slow=75, SNR=215

H1N3 WAKE ISLAND Hy 28.61 126 T, baz=317, slow=75, SNR=215, H1N3 WAKE ISLAND Hy 28.61 126 T, baz=317, slow=75, SNR=215

H1S1 WAKE ISLAND Hy 29.39 128 T, baz=319, slow=76, SNR=52, H1S3 WAKE ISLAND Hy 29.39 128 T, baz=319, slow=76, SNR=52

H1S2 WAKE ISLAND Hy 29.39 128 T, baz=319, slow=76, SNR=52, ZALV Zalesovo Beam, 41.14 311 P, 1.1nm, 0.6s, baz=79, slow=9, SNR=5.6

ILAR Eielson Array, 47.21 33 P, 0.7nm, 0.3s, baz=336, slow=13, SNR=14, WRA Warramunga Arr, 59.32 189 P, 1.0nm, 0.7s, baz=263, slow=5.8, SNR=15

ASAR Alice Springs, 63.05 189 P, 1.3nm, 0.3s, baz=344, slow=11, SNR=54, FINER FINESSE Array B, 67.31 332 P, 0.6nm, 0.5s, baz=12, slow=6.6, SNR=7.3

PDAR Pinedale Array, 75.53 46 P, 1.8nm, 0.9s, baz=40, slow=11, SNR=2.0, 0.3nm, 0.4s, baz=297, slow=0.3, SNR=3.6

IDC 11 14:51:01.8:13.0, 6.84Sx129.20E, h75km, 144km, mb3.5/2, mb1 3.9/5, mb1mx3.4/32, mbtmp4.0/5, ML4.0/3, MS3.3/1, Msl 3.3/1, ms1mx2.6/21, Error ellipse: s-maj=109.6km s-min=37.5km az=27.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi.

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CTA Charters Tower, CTA Charters Tower.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam.

NIED 11 15:03:00, 38.40N, 142.20E, h29km, Mw3.4 Best double couple: M0.14600x1014 NP1.0x359.00000, s35.00000, lambda-104.00000, NP2.0x196.00000, s56.00000, lambda-80.00000.

IDC 11 15:03:23.9:1.9, 38.22N-142.46E, h0km, mb3.4/2, mb1 3.4/4, mb1mx3.2/35, mbtmp3.2/4, ML2.5/1, MS3.3/2

11d 16h

M51 3.3/2.ms1mx2.5/31.Error ellipse: s-maj=57.3km s-min=32.6km az=97.0
ISCJB 11 15:03:25.4.1.4.38.41N.0.05:142.23E.0.09.h26km,8km, mb3.5/2,MS3.3/2, Error ellipse: s-maj=11.9km s-min=8.6km az=24.9
JMA 11 15:03:26.5.0.1.38.47N.142.20E.h28km,2km,M3.8 JMA Fellt J1.
ISC 11 15:03:27.2.2.2.38.44N.0.06:142.1E.0.11.h24km,15km,n18,+r104/16,Near east coast of eastern Honkai

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

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include JIO Ouri, JIO Ofunato, OFUJ Ofunato, JMK Ichinoseki, JMK Okura, JOU Marumori, JMM Marumori, JOM Ohasama, MJAR Matushiro Arr, ASAJ Asahikawa, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, TGY Tagaytay City, ARU Arti, WRA Warramunga Arr, ASAR Alice Springs, ISCJB 11 15:18:00.6.1.2.15.11N.0.07:119.84E.0.09.h50km, mb3.4/3, Error ellipse: s-maj=12.9km s-min=8.7km az=157.8

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include SCZP Santa Cruz, BOLP Bolinao, PCPH Palayan, TGY Tagaytay City, CAUP Cauayan, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, ZALV Zalesovo Beam, CSEM 11 15:18:13.2.0.4.36.07N.45.81E.h10km,ML2.9, Error ellipse: s-maj=16.0km s-min=9.3km az=73.0

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

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ILIN Lien, IDHR Dehrash, IDHR Dehrash, IVIS Veis, IVIS Veis, IBST Bostanabad, IGHG Ghaleghazi, IGHG Ghaleghazi, ISRB Sarab, ISRB Sarab, ISHB Shabestar, IKOM Komasi, IKOM Komasi, IMRD Marand, IMRD Marand, ISCJB 11 15:23:41.3.0.9.78.88N.0.07:19.4W.0.3.h10km, Error ellipse: s-maj=10.6km s-min=6.6km az=147.7

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

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include DAG Danmarks Havn, DAG Danmarks Havn, DAG Danmarks Havn, DAG Danmarks Havn, DAG Danmarks Havn, KBS Kingsbay, KBS Kingsbay, KBS Kingsbay, SPA0 Spitsbergen Arr, SPA0 Spitsbergen Arr, SPA0 Spitsbergen Arr

2011 AUG

baz=293,slow=10
SPA0 Spitsbergen Arr 7.03 78 Sn Sn 15 26 45.0 -2.0
SUMG Summit 7.83 227 i P Sn 15 25 38.6 +0.2
JMW Jan Mayen West 8.27 155 eP Pn 15 25 46.1 +2.0
JMW Jan Mayen West 8.27 155 eP Pn 15 25 46.1 +2.0
JMW Jan Mayen 8.31 155 Pn Pn 15 25 46.7 +2.1
JMW Jan Mayen 8.31 155 eS Pn 15 25 46.5 +1.9
JMW Jan Mayen 8.31 155 eP Pn 15 25 46.8 +2.0
JMW Jan Mayen East 8.32 155 eP Pn 15 25 46.8 +2.0
SCO Scoresbysund 8.40 187 i P Pn 15 25 47.9 +2.0
SCO Scoresbysund 8.40 187 eP Pn 15 25 47.9 +2.0
SCO Scoresbysund 8.40 187 eP Pn 15 25 47.9 +2.0
TULET Thule 10.58 283 i P Pn 15 26 14.8 -0.9
NUUG Nuugaatsiaq 11.14 248 eP Pn 15 26 19.5 -3.9

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

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, IDC 11 15:41:26.1.13.0.3.44N.126.58E.h0km,mb3.6/5, mb1 3.8/3, mb1mx3.4/3, mbtmp3.6/3, Error ellipse: s-maj=224.8km s-min=144.7km az=159.0, Talaud Islands

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

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, IDC 11 15:54:14.0.1.1.6.52.83N.160.75E.h0km,mb3.6/5, mb1 3.7/5, mb1mx3.4/3, mbtmp3.6/5, Error ellipse: s-maj=32.6km s-min=25.1km az=112.0

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

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include SPN Mys Shipunski, AVH Avacha, KREY Koryakskii, KOK Koryaka, KOK Koryaka, KRX Arik, KRX Arik, RUS Russkaya, RUS Russkaya, RUS Russkaya, KRMR Karymshinskiy, KRMR Karymshinskiy, GRL Gorelyy, GRL Gorelyy, ASAK Asacha, ASAK Asacha, MKZ Mys Kozlova, MKZ Mys Kozlova, MKZ Mys Kozlova, PETK Petropavlovsk, GNL Ganaly, GNL Ganaly, GNL Ganaly, APAC Apacha, APAC Apacha, APC Kizimen, APC Kizimen, TUMD Tumrok D, TUMD Tumrok, TUMR Tumrok, KMNK Kamenistaya, KMNK Kamenistaya, BZMR Bezymyannaya, BZMR Bezymyannaya, KIRR Kirishev, KIRR Kirishev, KPT Kopyto, KPT Kopyto, ZLN Zelenvaya, ZLN Zelenvaya, LGNR Loginova, LGNR Loginova, CIRR Tsirik, CIRR Tsirik, ESO Esso, ESO Esso, KRKR Krestovskiy, KRKR Krestovskiy, KLY Klyuchi, KLY Klyuchi, SKR Severo-Kuril's, SKR Severo-Kuril's, BDR Baidarnaya

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

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include BDR Baidarnaya, SMKR Semkarok, SMKR Semkarok, SMKR Semkarok, SRKR Sorokina, SRKR Sorokina, MJAR Matushiro Arr, MJAR Matushiro Arr, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, BVAR Borovoye Array, FINES FINESS Array, NOA NORSTAR Array, ASAR Alice Springs, BUI 11 16:10:56.3.10.36S.108.28E.h33km,mb4.6/34,mb4.9/25, Ms4.6/21,Ms7.4/4.20, ISCJB 11 16:10:57.7.1.0.9.77S.0.03:108.20E.0.03,h16km,7km, mb4.6/52,MS4.1/21, Error ellipse: s-maj=5.1km s-min=4.1km az=18.3

506

BDR Baidarnaya 3.76 4 P Pn 15 55 21.4 0.0
SMKR Semkarok 3.79 6 PN Pn 15 55 21.1 -0.7
SMKR Semkarok 3.79 6 eP Pn 15 55 21.1 -0.7
SRKR Sorokina 3.84 4 Pn Pn 15 55 20.9 -1.9
SRKR Sorokina 3.84 4 eP Pn 15 55 20.9 -1.9
MJAR Matushiro Arr 22.68 233 P P 15 59 18.0 +1.1
MJAR Matushiro Arr 22.68 233 P P 15 59 18.0 +1.1
H1N2 WAKE ISLAND Hy 33.38 169 T T 16 36 14.9
H1N3 WAKE ISLAND Hy 33.40 169 T T 16 36 15.4
H1N1 WAKE ISLAND Hy 33.40 169 T T 16 36 18.8
H1S1 WAKE ISLAND Hy 34.57 170 T T 16 37 39.3
H1S3 WAKE ISLAND Hy 34.58 170 T T 16 37 37.0
H1S2 WAKE ISLAND Hy 34.59 170 T T 16 37 41.6
BVAR Borovoye Array 50.85 309 P P 16 03 14.2 -1.8
FINES FINESS Array B 60.51 337 P P 16 04 25.6 +0.4
NOA NORSTAR Array B 63.90 344 P P 16 04 48.8 +0.8
ASAR Alice Springs 79.87 205 P P 16 06 22.9 -0.2

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

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include CMJI Cimerak, CMJI Cimerak, CISI Cisompet, Garu, CISI Cisompet, Garu, KPJI Karang Pucung, XMS Christmas Island, GMI Cibinong, LEM Lembang, UGM Wanagama, UGM Wanagama, UGM Wanagama, UGM Wanagama, WJW Sukabumi, WJW Sukabumi, WJW Sukabumi, PCJI Pacitan, PCJI Pacitan, DBJI Dramaga, DBJI Dramaga, PWJI Pagerwojo, PWJI Pagerwojo, NGJI Ngawi, NGJI Ngawi, GMJI Gumukmas, GMJI Gumukmas, KASI Kota Agung, JAGI Jajag, Banyuwa, JAGI Jajag, Banyuwa, JAGI Jajag, Banyuwa, KLSI KLSI, LWLI Liwa, ABJI Asem Bagus, SRBI Serang, MNAI Manna, MNAI Manna, TWSI Taliwang, Sumb, PLAI Palimbang, PLAI Palimbang, GOCO Woko Island, KSM Kuching, SBUM Sibul, TTSI Tana Toraja, MMRI Maumere, GSI Gunungsitoli, PSI Prapat, IPM Ipop, MBWA Marble Bar, MBWA Marble Bar, SOEI Soe, KULM Kulim, KKM Kota Kinabalu, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, MWAO Narrogin (SRO), FAKI Fak Fak, TGY Tagaytay City, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WR1 Warramunga Arr, WR1 Warramunga Arr, WRAB Tennant Creek, WRAB Tennant Creek, WB2 Warramunga Arr, WB2 Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, AS01 Alice Springs, QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong

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

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include CMJI Cimerak, CMJI Cimerak, CISI Cisompet, Garu, CISI Cisompet, Garu, KPJI Karang Pucung, XMS Christmas Island, GMI Cibinong, LEM Lembang, UGM Wanagama, UGM Wanagama, UGM Wanagama, UGM Wanagama, WJW Sukabumi, WJW Sukabumi, WJW Sukabumi, PCJI Pacitan, PCJI Pacitan, DBJI Dramaga, DBJI Dramaga, PWJI Pagerwojo, PWJI Pagerwojo, NGJI Ngawi, NGJI Ngawi, GMJI Gumukmas, GMJI Gumukmas, KASI Kota Agung, JAGI Jajag, Banyuwa, JAGI Jajag, Banyuwa, JAGI Jajag, Banyuwa, KLSI KLSI, LWLI Liwa, ABJI Asem Bagus, SRBI Serang, MNAI Manna, MNAI Manna, TWSI Taliwang, Sumb, PLAI Palimbang, PLAI Palimbang, GOCO Woko Island, KSM Kuching, SBUM Sibul, TTSI Tana Toraja, MMRI Maumere, GSI Gunungsitoli, PSI Prapat, IPM Ipop, MBWA Marble Bar, MBWA Marble Bar, SOEI Soe, KULM Kulim, KKM Kota Kinabalu, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, MWAO Narrogin (SRO), FAKI Fak Fak, TGY Tagaytay City, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WR1 Warramunga Arr, WR1 Warramunga Arr, WRAB Tennant Creek, WRAB Tennant Creek, WB2 Warramunga Arr, WB2 Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, AS01 Alice Springs, QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like CM01 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like KSH, USRK, ERM, MK01, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like FITZ, FITZ, FITZ, NLAI, etc.

IDC 11 16:24:33.0 5.9:58S:108:31E, h0km, mb4.4/19, mb1.4/5/20, mb1mx4.3/32, mbtmp4.4/20, ML4.0/1, MS3.6/9, Ms1.3.6/9, ms1mx3.3/50, Error ellipse: s-maj=19.6km s-min=11.9km az=62.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like CMJI, CIMERAK, CISI, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like VSR, WSR, GULW, B08A, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like GNI, GARNI, UOSS, WALA, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like ILULI, PAHR, MFID, FFC, etc.

K35A	Storm Lake baz=318,SNR=6.6	85.52	38	P	P	18 34 37.1	-0.4
ATAL	Atalanti	85.53	316	P	P	18 34 36.6	-1.1
WALS	Atalanti	85.53	316	P	P	18 34 36.6	-1.1
ATL	Walschbruch	85.53	331	eP	P	18 34 37.5	-0.1
121A	Cookes Peak, D baz=312	85.57	52	eP	P	18 34 39.6	+1.3
121A	Cookes Peak, D comp=Z,139nm,1.2s	85.57	52	eP	P	18 34 39.1	+0.9
LKR	Lokris	85.57	316	P	P	18 34 36.5	-1.4
LKR	Lokris	85.57	316	P	P	18 34 36.5	-1.4
SKP1	Kophill	85.58	337	eP	P	18 34 37.3	-0.4
MENF	Mencas	85.63	335	eP	P	18 34 37.9	0.0
AGG	Agjos Georgios	85.68	317	eP	P	18 34 36.8	-1.7
AGG	Agjos Georgios	85.68	317	eP	P	18 34 37.1	-1.4
AGG	comp=Z,290nm,0.9s						
AGG	Agjos Georgios baz=318,SNR=3.5	85.68	317	eP	P	18 34 37.1	-1.4
SSW	Stow on the Wo	85.68	338	eP	P	18 34 39.2	+1.0
M34A	Aspy Farms, Fr baz=318,SNR=7.2	85.74	40	P	P	18 34 38.5	-0.2
COWI	Conover	85.75	32	eP	P	18 34 38.8	+0.2
COWI	comp=Z,136nm,1.1s						
COWI	comp=Z,1.7um,20.0s						
SANT	Santorini	85.76	313	eP	P	18 34 37.7	-1.2
SANT	comp=Z,256nm,1.0s						
O32A	Brookman Farm, baz=317	85.77	41	P	P	18 34 37.7	-1.2
ECH	Echery	85.77	331	eP	P	18 34 38.6	-0.1
HSIG	comp=Z,96nm,1.2s	85.80	57	eP	P	18 34 39.9	+0.7
THR6	Thira Island,	85.81	313	P	P	18 34 37.7	-1.4
THR6	Thira Island,	85.81	313	P	P	18 34 37.7	-1.4
DSB	Dublin	85.81	341	eP	P	18 34 39.0	+0.3
FUORN	Offenpass-Fuorn comp=Z,254nm,0.9s	85.81	328	eP	P	18 34 39.4	+0.2
L35A	Bielow Farm, R baz=318	85.82	39	P	P	18 34 38.9	-0.2
N33A	J B K, Exete baz=317	85.85	41	P	P	18 34 38.7	-0.6
J37A	Redenius Farm, baz=319,SNR=37	85.89	37	P	P	18 34 39.6	+0.2
I38A	Scanlan Farm, baz=320,SNR=24	85.92	36	P	P	18 34 39.6	0.0
STRD	Stroud	85.94	338	eP	P	18 34 39.8	+0.4
STRD	comp=Z,1.1um,1.1s						
STRD	comp=Z,5um,26.2s						
HMXN	Herstomceux	85.96	336	eP	P	18 34 39.9	+0.4
HMXN	comp=Z,878nm,1.0s						
MCH1	Michaelchurch	85.99	339	eP	P	18 34 39.9	+0.2
MCH1	comp=Z,4um,18.2s						
MCH1	comp=Z,449nm,1.1s						
MCH1	comp=Z,4um,24.9s						
DSF	Desfina	86.00	316	P	P	18 34 38.4	-1.7
DSF	Desfina	86.00	316	P	P	18 34 38.4	-1.7
CBKS	Cedar Bluff	86.02	43	P	P	18 34 39.7	-0.5
CBKS	comp=Z,316						
CBKS	Cedar Bluff	86.02	43	eP	P	18 34 40.4	+0.2
CBKS	comp=Z,170nm,1.2s						
CBKS	comp=Z,170nm,1.2s						
CBKS	comp=Z,685nm,22.0s						
JAN	Janina	86.03	318	P	P	18 34 41.3	+1.1
JAN	Janina	86.03	318	P	P	18 34 41.3	+1.1
JAN	Janina	86.03	318	P	P	18 34 41.3	+1.1
P32A	Hutting Farm, baz=316	86.06	42	P	P	18 34 40.0	-0.3
WOL	Wolverton	86.06	337	eP	P	18 34 40.0	-0.1
WOL	comp=Z,513nm,1.1s						
WOL	comp=Z,513nm,1.1s						
SWN1	Swindon	86.06	338	eP	P	18 34 40.5	+0.4
SWN1	comp=Z,983nm,1.2s						
SWN1	comp=Z,983nm,1.2s						
MONM	Monmouth	86.08	339	eP	P	18 34 40.4	+0.3
MONM	comp=Z,556nm,1.0s						
MONM	comp=Z,5um,28.5s						
MOF	Molkenrain	86.08	331	eP	P	18 34 40.0	-0.4
MEH	Mehetia	86.11	116	eT	T	20 09 31.0	
OLDB	Oldbury-Upon-S	86.16	338	AMS	AMS	19 12 24.5	
LPW	Lampeter	86.20	339	eP	P	18 34 41.0	+0.3
LPW	comp=Z,488nm,1.1s						
LPW	comp=Z,3um,32.2s						
ANX	Ano Chora	86.21	317	P	P	18 34 40.7	-0.5
THEF	They Montfort	86.21	332	eP	P	18 34 40.8	-0.1
M35A	Neola	86.22	39	P	P	18 34 41.3	+0.2
KALE	Kalitheia	86.23	316	P	P	18 34 40.9	-0.4
KALE	Kalitheia	86.23	316	P	P	18 34 40.9	-0.4
HGH	Gray Hill	86.25	338	eP	P	18 34 41.0	0.0
L36A	Harm Buss Farm baz=319	86.26	38	P	P	18 34 41.6	+0.3
SERG	Sergoula	86.26	317	P	P	18 34 39.9	-1.5
K37A	Belmond	86.26	37	P	P	18 34 41.4	+0.2
O33A	Hebron	86.27	41	P	P	18 34 40.5	-0.8
DSL	Palaio Diesel	86.27	318	P	P	18 34 41.6	+0.2
DSL	Palaio Diesel	86.27	318	P	P	18 34 41.6	+0.2
N34A	Lincoln	86.27	40	P	P	18 34 41.2	-0.2
BATH	Bath	86.28	338	eP	P	18 34 41.1	0.0
BATH	comp=Z,370nm,1.3s						
BATH	comp=Z,370nm,1.3s						
TUE	Stuettia	86.31	329	eP	P	18 34 41.0	-0.7
TUE	comp=Z,174nm,1.1s						
TUE	comp=Z,6um,20.0s						
H40	Chill	86.35	34	P	P	18 34 42.3	+0.7
SGD	Sagaida	86.39	318	P	P	18 34 42.2	+0.3
TAOE	Nuku Hiva Isla	86.39	104	eS	S	18 45 08.1	-6.7
TAOE	Nuku Hiva Isla	86.39	104	eR	R	19 01 50.5	
TAOE	Nuku Hiva Isla comp=Z,8um,25.7s,baz=317	86.39	104	eR	R	19 01 50.5	
IGT	Igoumenitsa	86.39	318	P	P	18 34 41.3	-0.7
IGT	Igoumenitsa	86.39	318	P	P	18 34 41.3	-0.7
IGT	Igoumenitsa	86.39	318	P	P	18 34 41.3	-0.7
J36A	Wedel Dairy, R baz=320,SNR=55	86.40	317	P	P	18 34 42.1	+0.2
PVA	Paravola	86.41	316	P	P	18 34 41.5	-0.5
LAKA	Lakka	86.43	316	P	P	18 34 41.3	-0.9
LAKA	Lakka	86.43	316	P	P	18 34 41.3	-0.9
KLV	Kalavryta, Ach	86.47	316	P	P	18 34 41.5	-0.9
KLV	Kalavryta, Ach	86.47	316	P	P	18 34 41.5	-0.9
Q32A	Mettler Ranch, baz=316	86.53	42	P	P	18 34 42.5	-0.2
LAST	Lasithi	86.58	312	P	P	18 34 43.0	-0.1
LAST	Lasithi	86.59	312	P	P	18 34 43.0	-0.1
PDO	Prodomos	86.61	317	P	P	18 34 42.9	-0.2
LOMF	Lomont	86.61	331	eP	P	18 34 42.7	-0.3
DAMY	Dhamar	86.62	286	eP	P	18 34 45.6	+1.9
O34A	Beatrice	86.65	41	P	P	18 34 42.8	-0.4
P33A	Williams Farm	86.67	42	P	P	18 34 42.9	-0.4
M36A	Felix, Anita	86.68	39	P	P	18 34 43.7	+0.4
L37A	Phoenix Point, baz=319,SNR=7.7	86.69	38	P	P	18 34 43.5	+0.2
N35A	Tabor	86.69	39	P	P	18 34 43.7	+0.3

J39A	baz=318,SNR=18 Decorah	86.75	36	P	P	18 34 43.4	-0.2
LK2D	LeKada Island	86.75	318	P	P	18 34 43.6	-0.2
LK2D	LeKada Island	86.75	318	P	P	18 34 43.6	-0.2
K38A	Parkersburg	86.77	37	P	P	18 34 43.9	+0.2
DRO	Drossia	86.78	316	P	P	18 34 44.6	+0.7
I40A	Norwalk	86.82	35	P	P	18 34 43.9	-0.1
RLS	Riolos of Patr	86.84	317	P	P	18 34 43.6	-0.5
RLS	Riolos of Patr	86.84	317	P	P	18 34 43.6	-0.5
IDI	Anoyia	86.84	313	P	P	18 34 43.0	-1.3
IDI	Anoyia	86.84	313	P	P	18 34 42.9	-1.4
R32A	Long Quarter, baz=316	86.86	43	P	P	18 34 43.9	-0.4
Q33A	Connelly Farm, baz=317,SNR=35	86.92	42	P	P	18 34 44.1	-0.4
O35A	Humboldt	87.00	40	P	P	18 34 44.8	-0.1
I41A	Arkdale	87.03	34	P	P	18 34 44.6	-0.3
P34A	Walnut Farm, R baz=318,SNR=48	87.05	41	P	P	18 34 45.0	-0.2
L38A	Oak Wood Farm, baz=320,SNR=16	87.06	37	P	P	18 34 45.5	+0.3
N36A	Muff Farm, Cla baz=319,SNR=20	87.07	39	P	P	18 34 45.9	+0.7
SIVA	Sivas	87.08	313	P	P	18 34 44.9	-0.4
SIVA	Sivas	87.08	313	P	P	18 34 44.9	-0.4
M37A	Trindle Farm, baz=319,SNR=9.0	87.09	38	P	P	18 34 46.2	+0.9
SCIA	State Center comp=Z,226nm,1.1s	87.12	37	eP	P	18 34 47.1	+1.6
SCIA	comp=Z,1um,22.0s						
K39A	Oelwin	87.14	36	P	P	18 34 45.0	-0.6
J40A	Soldiers Grove baz=321	87.15	35	P	P	18 34 45.6	0.0
VAM	Vamos	87.16	313	P	P	18 34 45.1	-0.7
VAM	Vamos	87.16	313	P	P	18 34 45.1	-0.7
VAM	Vamos	87.16	313	P	P	18 34 45.1	-0.7
KFL	Anninita	87.17	317	P	P	18 34 45.2	-0.6
ITM	Ithomi	87.21	316	P	P	18 34 45.1	-0.9
ITM	Ithomi	87.21	316	P	P	18 34 45.1	-0.9
SENI	Lac Senin/Sane comp=Z,153nm,1.5s	87.23	330	eP	P	18 34 45.6	-0.6
VLS	Valsamata	87.23	317	P	P	18 34 45.4	-0.7
VLS	Valsamata	87.23	317	P	P	18 34 45.4	-0.7
VLS	Valsamata	87.23	317	P	P	18 34 45.4	-0.7
MMW	Iera Mori Meta	87.25	313	P	P	18 34 45.9	0.4
S32A	Newby Ranch, P baz=316	87.25	43	P	P	18 34 46.2	-0.1
HTL	Hartland	87.31	339	eP	P	18 34 46.5	+0.4
HTL	comp=Z,124nm,1.1s						
HTL	comp=Z,124nm,1.1s						
R33A	Olander Ranch, baz=317,SNR=12	87.34	43	P	P	18 34 46.5	-0.1
Q34A	Chapin	87.45	42				

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like TUL1 Leonard, V36A Jenks, TX42 Winchester, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like H06N1 SOCORRO T-PHAS, V41A Mountainview, Y38A Idabel, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like 338A Crockett, 140A Cam and Jess, CCAR Can Creek, etc.

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

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

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

MEX 11:25:15.2±0.5, 18:00N×100.60W, h60km±14km, MD4.0, Guerrero. Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC.

WEL 11 18:34:30.0±0.2,40:37S:176:79E,h24km,ML2.9/23, 2C-4D,Error ellipse: s-maj=2.6km s-min=1.4km az=0.0, North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like PRH, ANW, PZX, WPH, etc.

NEIC 11 18:48:08.6, 18:97N:67:88W, h73km, MD3.6(RSPR), After RSPR.

RSPR 11 18:48:08.6, 18:97N:67:88W, h73km±11km, MD3.5/6, 4C-10D, Mona Passage

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like MPR, CRPR, CRPR, etc.

ISCJB 11 18:51:07.5±0.5,4:17S:0:05±129:11E±0:06,h150km, mb3.8/4, Error ellipse: s-maj=8.0km s-min=6.3km az=14.1

IDC 11 18:51:07.8±0.3,4:20S:128:91E,h134km,mb3.6/4, mb1.3/9.8, mb1mx3.4/45, mbtrmp4.2/8, Error ellipse: s-maj=44.0km s-min=15.6km az=76.0

DJA 11 18:51:11.2±1.1,4:5S:7:12±9E±,h135km,13km,M4.0/7, MLV4.0/7

ISC 11 18:51:07.8±0.7,4:20S:0:06±129:06E±0:06,h150km,n15, ±267/21,mb3.9/4,Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like MSAI, BNDI, NLAI, etc.

MOS 11 18:55:44.2±2.4,48:98N:156:88E,h8km,mb4.2/1, Error ellipse: s-maj=67.5km s-min=9.5km az=82.9

KRSC 11 18:55:44.3±1.5,48:98N:156:88E,h8km,28km,ML4.0,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like SKR Severo-Kuril's, UGLR, ASAK, etc.

ISCJB 11 19:07:36.9±0.3,46:18N:0:01±16:15E±0:02,h12km,3km, Error ellipse: s-maj=3.0km s-min=2.2km az=144.6

BEO 11 19:07:37.2±1.2,46:07N:15:65E,h0km,M2.7/7, LJU 11 19:07:37.8,46:16N:16:14E,h16km,ML2.4

PRU 11 19:07:38.9,46:17N:16:13E,h12km, CSEM 11 19:07:38.0±0.1,46:15N:16:13E,h10km,ML2.9/17, Error ellipse: s-maj=2.7km s-min=2.2km az=34.0

VIE 11 19:07:38.4±0.4,46:18N:16:03E,h8km,mb2.2/8,M2.4/11, Error ellipse: s-maj=3.0km s-min=2.0km az=105.0

ISC 11 19:07:38.2±0.9,46:15N:0:01±16:15E±0:02,h14km,7km, n73,±1514/123,4C-3D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like KOGS, ZAG, GOLS, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like VYHS Vyhne, BBLB, DIBS, etc.

ISK 11 19:32:40.8, 39:01N:28:63E, h5km, MD2.9

IASPEI 11 19:32:41.3±1.1, 39:02N:0:03±28:61E±0:02, h6km,9km, Error ellipse: s-maj=3.7km s-min=3.5km az=12.6, G75 selection from ISC bulletin G75 identified by Bond 'r and McLaughlin (2009) selection criteria Bond 'r and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, 80, 465-472, 2009

CSEM 11 19:32:41.3±0.1, 39:01N:28:62E, h2km, MD3.1, Error ellipse: s-maj=2.6km s-min=2.0km az=50.0

DDA 11 19:32:41.1, 39:04N:28:61E, h7km, MD3.1

ISC 11 19:32:41.3±0.9, 39:01N:0:02±28:61E±0:02, h5km,9km, n82,±077/95,Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like DEMI, SIMA, KULA, etc.

Table with columns: SIGR, SIGRI, 2.15 276 ePn, Pn, 19 33 18.5 +0.7, etc.

NIED 11 19:37:00, 34.40N, 138.20E, h11km, Mw5.0 Best double couple: M3.30000x1016 NP1.0254.00000, 845.00000, 131.00000, NP2.023.00000, 857.00000, 157.00000

ICD 11 19:37:42.5, 0.4, 34.38N, 138.08E, h0km, mb4.5/30, mb1.4/36, mb1mx4.5/47, mbtmp4.4/36, ML3.8/5, MS4.3/15, MS1.4/315, ms1mx3.9/40, Error ellipse: s-maj=12.5km s-min=9.9km az=91.0

NEIC 11 19:37:44.3, 1.6, 34.40N, 137.96E, h6km, gkm, mb5.0/121, Error ellipse: s-maj=4.3km s-min=2.8km az=133.0

NEIC Felt at Tokyo. Recorded (2 JMA) in Aichi and Shizuoka. GCMT 11 19:37:44.3, 0.4, 34.37N, 138.17E, h18km, 1km, MW5.0/82, Moment Tensor Solution. s27,c30; s82,c122; Duration: 0 Moment tensor: Scale 10^10Nm; Mr3.88±.30; Mw1.42±.18; Ms2.24±.19; Mo1.03±.45; Mb1.38±.09; Ms2.71±.49; Best double couple: Mo4.65400x1016 NP1.027.00000, 864.00000, 184.00000, NP2.0220.00000, 826.00000, 1102.00000, Principal axes: T 4.9200, P1g70.0000, Azm284.0000, N -0.5330, P1g6.0000, Azm290.0000, P -4.3870, P1g19.0000, Azm121.0000, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISCJB 11 19:37:45.1, 0.3, 34.38N, 138.02E, h27km, 2km, mb4.9/184, MS4.9/48 Error ellipse: s-maj=3.1km s-min=2.4km az=145.4

JMA 11 19:37:45.4, 0.1, 34.41N, 138.08E, h27km, 1km, M5.2 Broadband fault plane solution: P waves. NP1: 0.227, 0.0000, 871.00000, -122.00000, NP2: 0.109, 0.0000, 837.00000, -34.00000, Principal axes: T P1g19.0000, Azm340.0000, N P1g30.0000, Azm236.0000, P P1g53.0000, Azm98.0000;

JMA Felt at Utsunomiya. MOS 11 19:37:47.9, 1.0, 34.66N, 137.86E, h35km, mb5.1/67, MS5.0/21 Error ellipse: s-maj=7.4km s-min=4.6km az=102.8

ISC 11 19:37:46.0, 0.3, 34.44N, 138.10E, 0.02, h21km, 1km, n484, 195/528, mb4.9/192, MS5.0/49, 48C-16D, Near south coast of eastern Honshu

Main station list table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Main station list table with columns: CN2, comp=E, 3um, 13.0s, LR, LR, etc.

Main station list table with columns: XAN, comp=Z, 4um, 12.4s, LR, LR, etc.

11d 19h

2011 AUG

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CHTO Chiang Mai, LUWI Luwuk, CMAR Chiang Mai Arr, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MNAS Manas, CAST Cas Roca, SPU Mount Spurr, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VRH, MOS Moscow, OBN Obninsk, etc.

Table with columns: TWF1, Yuli, baz=70, 0.39, 6eP, Pg, 19 46 30.8 +0.2, 19 46 35.6 -0.1

IDC 11 19:48:00.4-0.6, 4.82S; 133.79E, h0km, mL4.2/14, mb1 4.3/19, mb1mx4.3/32, mbtmp4.3/19, ML4.2.5, MS4.3/12, Ms1 4.3/12, ms1mx3.9/30, Error ellipse: s-maj=23.1km s-min=13.5km az=74.0

ISCJB 11 19:48:02.1-0.3, 4.87S; 0.03x134.07E; 0.03, h28km, mb4.6/32, MS4.3/9, Error ellipse: s-maj=5.2km s-min=4.6km az=142.3

NEIC 11 19:48:05.7-0.4, 4.77S; 133.82E, h35km, mb4.9/15, Error ellipse: s-maj=10.8km s-min=7.7km az=61.0

DJA 11 19:48:05.0-0.3, 5.34S; 133.47E, h10km, M4.7/26, mb4.9/26, mS5.2/13, ML5.0/7, MW(mB)4.6/13

GCMT 11 19:48:05.7-0.5, 4.72S; 133.99E, h28km, 2km, MW5.0/62, Moment Tensor Solution: s13.15; s62.c87; Duration: 0. Moment tensor: Scale 10^16Nm; Mr-1.89; 49; Mw-1.04; 53; Best double couple: M4.37500x10^16

NP1=248.00000, s87.00000, 1.10.00000. NP2: 0.158.00000, s80.00000, 1.177.00000. Principal axes: T 5.4110, Plg9.0000, Azm113.0000; P -3.3390, Plg5.0000, Azm23.0000; nstai refers to body waves, cutoff=40s. nstac refers to surface waves, cutoff=10s.

ISC 11 19:48:04.2-0.4, 4.93S; 0.05x133.94E; 0.05, h28km, n98, +2564/90, mb4.6/32, MS4.3/9, 1C, Irian Jaya region

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

Table of station data for 2011 AUG, columns: KSAR, Korea Array, 42.50 353, P, P, 19 57 50.1 +0.6, 19 55 57.1 0.0

ISCJB 11 19:57:55.7-1.3, 3.669N; 0.04x141.25E; 0.07, h7km, 6km, mb3.5/4, Error ellipse: s-maj=9.4km s-min=7.1km az=8.7

JMA 11 19:57:58.4-0.1, 3.673N; 141.08E, h18km, 1km, M3.3, IDC 11 19:58:03.5-2.2, 3.572N; 140.53E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.4/32, mbtmp3.5/5, ML2.9/1, Error ellipse: s-maj=59.6km s-min=15.5km az=41.0

ISC 11 19:57:57.4-2.0, 3.684N; 0.06x141.11E; 0.08, h8km, 12km, n12, +087/17, mb3.6/4, Near east coast of eastern Honshu

Table of station data for 2011 AUG, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

JMA 11 20:02:23.8-0.1, 35.949N; 141.04E, h31km, 1km, M3.0, Near east coast of eastern Honshu

Table of station data for 2011 AUG, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

ISCJB 11 20:22:29.6-0.3, 38.27N; 0.03x74.47E; 0.05, h150km, mb5.1/2, Error ellipse: s-maj=5.6km s-min=3.1km

KRNET 11 20:22:30.7-0.1, 38.740N; 74.59E, mb4.3, IDC 11 20:22:32.0-3.1, 38.32N; 74.52E, h149km, 25km, mb3.3/12, mb1 3.5/17, mb1mx3.3/51, mbtmp3.9/17, Error ellipse: s-maj=25.1km s-min=14.1km az=18.0

NMC 11 20:22:34.9-6.1, 38.73N; 74.25E, h0km, mb4.8, mpv4.3, Error ellipse: s-maj=45.5km s-min=38.9km az=166.0

ISC 11 20:22:30.7-0.5, 38.27N; 0.05x74.37E; 0.05, h150km, n49, +2916/63, mb3.5/11, 11C-12D, Tajikistan-Xinjiang border region

Table of station data for 2011 AUG, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

Table of station data for 2011 AUG, columns: AAK, comp=E, 5.8nm, 0.3s, baz=172, slow=8.9, SNR=39, S, Sn, 20 24 26.9 +0.4

Table of station data for 2011 AUG, columns: AAK, Al-Archa, comp=E, 2.0nm, 0.6s, 4.36, 1, U, Pn, 20 23 36.8 +1.1

Table of station data for 2011 AUG, columns: BOOM, Boomskeye 6ush, baz=14, 4.38, 15, I, P, Pn, 20 23 35.9 -0.1

Table of station data for 2011 AUG, columns: MNAS, Manas, baz=339, 4.45, 342, U, P, Pn, 20 23 37.8 +1.0

Table of station data for 2011 AUG, columns: MNAS, Manas, comp=E, 6.4nm, 0.5s, 4.45, 342, U, P, Pn, 20 23 37.6 +0.7

Table of station data for 2011 AUG, columns: MNAS, Manas, comp=E, 4.75nm, 0.8s, 4.45, 342, U, P, Pn, 20 24 27.4 -1.0

Table of station data for 2011 AUG, columns: CHCP, Chirah Chowk, 4.69, 191, 1, P, Pn, 20 23 42.5 +2.5

Table of station data for 2011 AUG, columns: TKM2, Tokmak 2, comp=E, 4.1nm, 0.3s, 4.74, 11, P, Pn, 20 23 41.6 +0.9

Table of station data for 2011 AUG, columns: TKM2, Cherat, comp=E, 5.1nm, 0.8s, 4.87, 205, P, Pn, 20 23 44.3 +1.9

Table of station data for 2011 AUG, columns: CEP, Karatay Array, 5.65, 330, U, P, Pn, 20 23 47.0 -1.4

Table of station data for 2011 AUG, columns: CEP, Karatay Array, comp=E, 1.0nm, 0.2s, baz=133, slow=13, SNR=30, U, P, Pn, 20 23 53.1 +0.4

Table of station data for 2011 AUG, columns: KK31, Karatay Array, comp=E, 4.6nm, 0.5s, baz=138, slow=22, U, P, Pn, 20 24 53.8 -2.9

Table of station data for 2011 AUG, columns: THW, Thamme Wali, 5.87, 202, P, Pn, 20 23 56.9 +1.2

Table of station data for 2011 AUG, columns: BHK, Bhakra, 7.04, 166, eP, Pn, 20 24 12.2 +0.9

Table of station data for 2011 AUG, columns: SDNR, Sundarnagar, 7.08, 162, eS, Pn, 20 25 26.0 -5.3

Table of station data for 2011 AUG, columns: SDNR, Khetri, 10.24, 173, eS, Sn, 20 26 36.6 -1.1

Table of station data for 2011 AUG, columns: SDNR, Khetri, comp=E, 1.6nm, 0.2s, 10.24, 173, eS, IAML, 20 26 43.4

Table of station data for 2011 AUG, columns: KHET, Khetri, comp=E, 1.6nm, 0.2s, 10.24, 173, eS, IAML, 20 26 46.1

Table of station data for 2011 AUG, columns: KUDL, Kuchal, 10.25, 169, eP, Pn, 20 24 52.2 -1.9

Table of station data for 2011 AUG, columns: KUDL, Kuchal, comp=E, 2.4nm, 0.5s, 10.25, 169, eP, IAML, 20 26 41.9

Table of station data for 2011 AUG, columns: KUDL, Kuchal, comp=E, 2.4nm, 0.5s, 10.25, 169, eP, IAML, 20 26 43.6

Table of station data for 2011 AUG, columns: WMQ, Urumqi, 11.48, 57, P, Pn, 20 25 11.5 +1.4

Table of station data for 2011 AUG, columns: PYUN, Piuthan, comp=N, 4.0nm, 0.5s, 12.44, 142, eP, Pn, 20 25 20.4 -2.5

Table of station data for 2011 AUG, columns: PYUN, Kurchatov Arra, 12.70, 12, eS, Sn, 20 27 28.9 -1.2

Table of station data for 2011 AUG, columns: KURBB, Kurchatov Arra, comp=N, 0.1nm, 0.3s, baz=120, slow=11, SNR=12, 12.70, 12, eS, Sn, 20 25 24.2 -1.6

Table of station data for 2011 AUG, columns: GEYT, Alibek, comp=N, 1.4nm, 0.3s, baz=95, slow=9.5, SNR=13, 12.81, 274, P, Pn, 20 25 25.5 -1.9

Table of station data for 2011 AUG, columns: GEYT, Alibek, comp=N, 1.4nm, 0.3s, baz=95, slow=9.5, SNR=13, 12.81, 274, P, Pn, 20 25 43.6 -5.5

Table of station data for 2011 AUG, columns: KOLN, Koldanda, comp=N, 1.6nm, 0.3s, baz=82, slow=30, SNR=6.8, 13.01, 141, eP, Pn, 20 25 28.2 -2.0

Table of station data for 2011 AUG, columns: KOLN, Koldanda, comp=N, 1.6nm, 0.4s, 13.01, 141, eP, Pn, 20 25 28.2 -2.0

Table of station data for 2011 AUG, columns: KOLN, Gorkha, comp=N, 1.9nm, 0.4s, 13.36, 137, eS, Sn, 20 27 43.5 -1.1

Table of station data for 2011 AUG, columns: KGN, Gorkha, comp=N, 1.5nm, 0.5s, 13.36, 137, eS, Sn, 20 25 32.3 -2.3

Table of station data for 2011 AUG, columns: KKN, Kakan, comp=N, 1.9nm, 0.4s, 13.88, 136, eP, Pn, 20 25 38.3 -3.0

Table of station data for 2011 AUG, columns: DMN, Daman, 13.93, 137, eP, Pn, 20 25 39.4 -2.5

Table of station data for 2011 AUG, columns: PKIN, Pulchoki, 14.11, 136, eP, Pn, 20 25 42.1 -2.1

Table of station data for 2011 AUG, columns: PKI, Pulchoki, comp=N, 1.1nm, 0.4s, 14.12, 136, eP, Pn, 20 25 41.7 -2.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TXAR, CMAR, AKASG, BRTR, GERES.

GEN 11 20:42:22.3, 44.16N, 12.17E, h1km, ML2.4
ISCJB 11 20:42:24.1, 2.0, 44.19N, 0.02, h28km, 2km,
Error ellipse: s-maj=3.0km s-min=2.8km az=41.8

Main table for station 529, listing codes, station names, coordinates, and times. Includes stations like IMOLA, SFI, T0502, VMG, ASQU, ASQU, MTRZ, CPGN, SEI, CRE, PARC, FVND, BADI, PTF, ZCCA, ATMC, FSSB, PIEI, ATPC, MPAG, CRMI, FRON, CAFI, ADRI, ATVO, CSNT, POPM, SSFR, ARVD, ATTE, MAIM, MAIM, SARO, SNTG, TEOL, TEOL, MARN, MARN, CGRP.

Main table for station 2011 AUG, listing codes, station names, coordinates, and times. Includes stations like CGRP, CGRP, CGRP, SDCS, DDOSS, DDOSS, PANI, PANI, PANI, NVLJ, NVLJ, NVLJ, NVLJ, NVLJ, SABO, SABO, CIMO, CIMO, DRE, DRE, DRE, OZOL, OZOL, ABTA, ABTA, ABTA, MYKA, MYKA, MYKA, PGF, PGF, PGF, UDBI, UDBI, UDBI, OZLI, OZLI, OBKA, OBKA, OBKA, FETA, FETA, FETA, KBA, KBA, KBA, KBA, MOTA, MOTA, MOTA, SOKA, SOKA, SOKA, SBF, SBF, SBF, RETA, RETA, RETA, DAVA, DAVA, DAVA, DAVA, FRF, FRF, FRF, ARSA, ARSA, ARSA, MOA, MOA, MOA, MOA, LMR, LMR, LMR, CONA, CONA, CONA, HINF, HINF, HINF, CDF, CDF, CDF, HAU, HAU, HAU, LOR, LOR, LOR, LOR, MTLF, MTLF, MTLF.

VIE 11 20:46:32.0, 0.4, 44.53N, 12.38E, h12km, ML1.8/6, Error
ellipse: s-maj=5.1km s-min=4.5km az=8.0

Main table for station 11d 21h, listing codes, station names, coordinates, and times. Includes stations like IMOLA, IMOLA, T0502, T0502, SFI, SFI, SFI, MTRZ, MTRZ, MTRZ, VMG, VMG, VMG, ASQU, ASQU, ASQU, ASQU, CPGN, CPGN, CPGN, SEI, SEI, SEI, SEI, PARC, PARC, PARC, CRE, CRE, CRE, CRE, FVND, FVND, FVND, BADI, BADI, BADI, PIEI, PIEI, PIEI, ATMC, ATMC, ATMC, MPAG, MPAG, MPAG, CAFI, CAFI, CAFI, NVLJ, NVLJ, NVLJ, NVLJ, ABTA, ABTA, ABTA, UDBI, UDBI, UDBI, UDBI, OBKA, OBKA, OBKA, KBA, KBA, KBA, DAVA, DAVA, DAVA.

SJA 11 20:48:30.5, 0.7, 27.29S, 66.29W, h97km, 16km, ML2.2,
MW2.6, Catamarca Province

Table for station SJA, listing codes, station names, coordinates, and times. Includes stations like AHML, AHML, FSA, FSA, FSA, FSA, CYA, CYA, CYA, VCA, VCA, VCA.

IDC 11 21:05:46.7, 1.8, 1.91N, 98.95E, h0km, mb3.6/4, mb1 3.7/4,
mb1mx3.4/37, mbtmp3.6/4, Error ellipse: s-maj=57.0km
s-min=10.9km az=77.0

DJA 11 21:05:51.0, 3.2, 1.31N, 3.99E, h10km, M3.3/7, MLV3.3/7
ISD 11 21:05:53.5, 1.0, 1.91N, 0.07, 98.87E, 0.06, h35km, n12,
c294/14, mb3.6/4, Northern Sumatra

Table for station IDC, listing codes, station names, coordinates, and times. Includes stations like PSI, PSI, MNSI, MNSI, GSI, GSI, KCSI, KCSI, TPTI, TPTI, BJNI, BJNI, PADI, PADI, PADI, WRA, WRA, ASRB, ASRB, PPI, PPI, ZALV, ZALV.

ISK 11 21:07:16.8, 39.10N, 29.08E, h4km, MD2.5
ISCJB 11 21:07:17.3, 0.6, 39.08N, 0.05, 29.08E, 0.05, h3km, 10km,
Error ellipse: s-maj=9.1km s-min=6.0km az=160.0
DDA 11 21:07:17.8, 39.09N, 29.01E, h7km, MD2.6
CSEM 11 21:07:17.4, 0.2, 39.09N, 29.05E, h5km, MD2.5, Error
ellipse: s-maj=5.2km s-min=3.7km az=138.0
ISC 11 21:07:17.5, 1.0, 39.09N, 0.04, 29.06E, 0.03, h6km, 6km,
n17, c031/23, Turkey

ISCJB 11 20:46:28.0, 0.4, 44.25N, 0.04, 11.96E, 0.06, h29km, 6km,
Error ellipse: s-maj=7.8km s-min=5.0km az=144.0
CSEM 11 20:46:29.0, 0.2, 44.24N, 12.00E, h20km, ML2.5/6, Error
ellipse: s-maj=4.3km s-min=3.9km az=92.0
ROM 11 20:46:29.8, 0.2, 44.17N, 11.93E, h27km, 3km, MD2.4/15,
M11, 9/14, Error ellipse: s-maj=2.3km s-min=1.7km az=49.0

Table with columns: CODE, STATION, NAME, Az, El, P, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, Az, El, P, R, S, T, U, V, W, X, Y, Z.

NIED 11 22:07:00, 23:80N, 121:60E, h35km, Mw4.4 Best double couple: M=4.820000, 1015 NP1=229.00000, 832.00000, 1.96.00000. NP2=42.00000, 858.00000, 1.86.00000.

BUI 11 22:07:30.7, 23:88N, 121:52E, h55km, mb4.1/17, mb4.3/8, ML4.4/3, Ms3.8/9, Ms7.3/77

JMA 11 22:07:31.5, 0.1, 23.78N, 121:61E, h33km, 2km, M4.2

ISCJUB 11 22:07:32.4, 0.2, 23:79N, 0:10, 121.69E, 0:01, h46km, 2km, mb4.1/24, MS3.4/7, Error ellipse: s-maj=2.7km s-min=1.7km az=124

NEIC 11 22:07:32.8, 0.9, 23:80N, 121:74E, h40km, 8km, mb4.3/5, Error ellipse: s-maj=9.8km s-min=8.3km az=169.0

NEIC Recorded [3 TAP] in Hualien; [2 TAP] in Changhua, Nantou, Taichung, Taitung, Yilan and Yunlin; [1 TAP] in Chiayi and Miaoli.

TAP 11 22:07:32.5, 23:80N, 121:62E, h32km, ML4.8, B IDC 11 22:07:33.2, 2.9, 23:83N, 121:85E, h54km, 27km, mb3.8/17, mb1.4/0.21, mb1mx3.8/47, mbmp4.1/21, ML4.0/4, MS3.3/8, Ms1.3/4.8, ms1mx3.1/42, Error ellipse: s-maj=17.0km s-min=12.2km az=64.0

ISC 11 22:07:32.4, 0.8, 23:79N, 0:02, 121:64E, 0:02, h33km, 3km, 1149, 0:18/209, mb4.2/24, MS3.4/7, 26C-21D, Taiwan

Table with columns: CODE, STATION, NAME, Az, El, P, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, Az, El, P, R, S, T, U, V, W, X, Y, Z.

Table with columns: CODE, STATION, NAME, Az, El, P, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, Az, El, P, R, S, T, U, V, W, X, Y, Z.

Table with columns: CODE, STATION, NAME, Az, El, P, R, S, T, U, V, W, X, Y, Z, and various parameters like SNR, Az, El, P, R, S, T, U, V, W, X, Y, Z.

WMQ	S	S	22 42 21.2 -1.6	
WMQ	SS	SnSn	22 43 27.2 +7.7	
WMQ	comp=E,17nm,0.1s	pmax	pmax	
WMQ	comp=E,90nm,5.1s	pmax	pmax	
WMQ	comp=E,650nm,14.5s	LR	LR	
WMQ	comp=E,940nm,17.9s	LR	LR	
WMQ	comp=Z,460nm,17.9s	LR	LR	
KLMR	Klimovsko	26.09 343	eP	P
KLMR			e	S
KLMR			eS	S
KLMR	comp=Z,77nm,1.4s		pmax	pmax
KLMR	comp=Z,1µm,15.0s		MLR	MLR
BOVS	Bovan	26.10 296	eP	P
MDVIA	Moldovita	26.20 298	iP	P
SKO	Skopje	26.23 292	iP	P
SKO	Skopje	26.23 292	iP	P
TRPA	Tarpa	26.23 206	eP	P
FNA	Florina	26.29 289	eP	P
FNA	Florina	26.29 289	eP	P
BIA	Bitola	26.32 290	iP	P
KRUS	Krusevo	26.37 291	iP	P
KRUS	Krusevo	26.37 291	iP	P
BZS	Buzias	26.38 300	iP	P
SIR	Siria	26.45 302	iP	P
NACGM	Naroch	26.45 323	e	LR
NACGM			eLR	LR
SELS	Selova	26.50 295	eP	P
UZH	Uzhgorod	26.52 307	eP	P
UZH			e	P
KWP	Kalwaria Pacla	26.53 309	eP	P
KWP	Kalwaria Pacla	26.53 309	eP	P
KWP	Kalwaria Pacla	26.53 309	eP	P
GKN	Gorkha	26.58 100	eP	P
NVS	Novosibirsk	26.64 38	eP	P
NVS			e	P
NVS	comp=N,9.0nm,1.5s		pmax	pmax
NVS	comp=Z,14nm,1.5s		pmax	pmax
IDID	Didziasalis	26.69 323	eP	P
IDID			IAMB	IAMB
IDID	Didziasalis	26.69 323	eP	P
OHR	Ohrid	26.72 290	iP	P
OHR	Ohrid	26.72 290	iP	P
Gruza	Gruza	26.84 296	eP	P
IGN	Ignalina	26.96 323	eP	P
IGN			IAMB	IAMB
IGN	Ignalina	26.96 323	eP	P
IGN	comp=Z,9.4nm,0.9s		P	P
LKD2	Lefkada island	26.98 285	P	P
LKD2	Lefkada island	26.98 285	P	P
ZAAO	Zalesovo Array	27.01 41	eP	P
ZALV	Zalesovo Beam	27.01 41	eP	P
ZALV	comp=Z,1.6nm,0.5s,baz=251,slow=9.2,SNR=9.6		LR	LR
ZALV	comp=Z,873nm,18.4s,baz=250,slow=39		LR	LR
TRUS	Trudelj	27.08 297	eP	P
CRVS	Cervencia-Dubn	27.12 307	eP	P
CRVS	Cervencia-Dubn	27.12 307	eP	P
ISAL	Salakas	27.12 323	eP	P
ISAL			IAMB	IAMB
ISAL	Salakas	27.12 323	eP	P
ISAL	comp=Z,23nm,1.4s		P	P
DMN	Daman	27.13 101	eP	P
DMN	comp=Z,149nm,0.9s		P	P
IGT	Igoumenitsa	27.16 287	P	P
IGT	Igoumenitsa	27.16 287	P	P
KKN	Kakani	27.19 100	eP	P
IVAS	Ivanjica	27.22 295	eP	P
IVAS	Arta Tunnel	27.23 206	P	P
ATD	ATD	27.23 206	P	P
ATD	comp=Z,8.0nm,0.8s,baz=66,slow=10,SNR=4.3		LR	LR
SGD	Sagiada	27.23 287	P	P
SGD	Sagiada	27.23 287	P	P
DIVS	Divibare	27.37 297	eP	P
DIVS	Divibare	27.37 297	eP	P
PKIN	Pulchokki	27.38 100	eP	P
PKIN	Pulchokki	27.38 100	eP	P
STHS	Stebnicka Huta	27.39 308	eP	P
STHS			pmax	pmax
STHS	Stebnicka Huta	27.39 308	eP	P
STHS	comp=Z,5.0nm,0.9s		P	P
STHS	Stebnicka Huta	27.39 308	eP	P
STHS	Stebnicka Huta	27.39 308	eP	P
FGSL	Fruska Gora	27.39 299	eP	P
GUN	Gumba	27.61 99	eP	P
KECS	Kecevo	27.65 306	eP	P
KECS			pmax	pmax
KECS	Kecevo	27.65 306	eP	P
KECS	comp=Z,4.0nm,0.8s		P	P
KECS	Kecevo	27.65 306	eP	P
KECS	comp=Z,4.3nm,0.8s		P	P
KECS	Kecevo	27.65 306	eP	P
KECS	Tekeris	27.73 298	eP	P
BBLs	Lazići	27.78 296	eP	P
PDG	Podgorica	27.85 293	iP	P
PSZ	Piszkesteto	27.92 305	eP	P
PSZ			pmax	pmax
PSZ	Piszkesteto	27.92 305	eP	P
PSZ	comp=Z,31nm,1.4s		P	P
PSZ	Piszkesteto	27.92 305	eP	P
JIRN	Jiri	27.97 100	eP	P
NIE	Niedzica	27.98 308	eP	P
NIE			S	S
NIE	Niedzica	27.98 308	eP	P
NIE			S	S
NIE	Niedzica	27.98 308	eP	P
NIE			S	S
LANS	Liptovska Anna	28.45 307	eP	P
LANS	Liptovska Anna	28.45 307	eP	P
OJC	Ojcow	28.50 309	eP	P
OJC			S	S
OJC	Ojcow	28.50 309	eP	P
OJC			S	S
OJC	Ojcow	28.50 309	eP	P
OJC			S	S
VSU	Vasula	28.51 329	eP	P
VSU			pmax	pmax
VYHS	Vyhne	28.73 306	eP	P
VYHS			pmax	pmax
VYHS	Vyhne	28.73 306	eP	P
VYHS	comp=Z,10.0nm,1.5s		P	P
VYHS	Vyhne	28.73 306	eP	P
VYHS	comp=Z,9.9nm,1.5s		P	P
OKC	Ostrava-Krasno	29.44 308	eP	P
OKC			AMS	AMS
OKC	Ostrava-Krasno	29.44 308	eP	P
OKC			MLR	MLR
OKC	Ostrava-Krasno	29.44 308	eP	P
SMOL	Smolenice	29.65 305	eP	P
SMOL	Smolenice	29.65 305	eP	P
SMOL	Smolenice	29.65 305	eP	P
SMOL	Smolenice	29.65 305	eP	P
MORC	Moravsky Berou	29.81 308	iP	P
MORC	Moravsky Berou	29.81 308	iP	P
MORC			pmax	pmax
MORC	comp=Z,57nm,1.5s		P	P
MORC	Moravsky Berou	29.81 308	eP	P
MORC	Moravsky Berou	29.81 308	eP	P
TIP	Timpagrande	29.96 287	eP	P

VRAC	Vranov	30.33 307	P	P
KRLC	Kraliky	30.36 308	eP	P
KRLC	Kraliky	30.36 308	eP	P
UDBI	Udbina	30.42 297	P	P
UDBI	Udbina	30.42 297	P	P
CONA	Conrad Observa	30.60 304	iP	P
CONA	comp=Z,24nm,1.0s		iPcP	PcP
CONA	Conrad Observa	30.60 304	P	P
CONA	comp=Z,4.8nm,1.1s		P	P
FINES	FINES Array B	30.66 333	P	P
FINES	comp=Z,0.7nm,0.4s		P	P
DPC	Dobruska-Polom	30.70 309	eP	P
DPC			ex	x
DPC			AMS	AMS
DPC	comp=Z,300nm,13.1s		MLR	MLR
DPC	Dobruska-Polom	30.70 309	eP	P
DPC			e	MLR
DPC			MLR	MLR
DPC	comp=Z,300nm,13.1s		MLR	MLR
DPC	Dobruska-Polom	30.70 309	iP	P
DPC	comp=Z,9.3nm,0.8s		iPcP	PcP
ARSA	Arzberg	30.76 303	P	P
ARSA	comp=Z,4.4nm,0.9s		P	P
ARSA	Arzberg	30.76 303	P	P
ARSA	comp=Z,9.3nm,0.8s		P	P
BOJS	Bojanci	30.82 299	iP	P
KSP	Ksiaz	30.82 310	eP	P
KSP			eS	S
KSP	Ksiaz	30.82 310	eP	P
KSP			eS	S
UPC	Upice	30.93 309	eP	P
UPC			AMS	AMS
UPC	Upice	30.93 309	eP	P
UPC	comp=Z,300nm,17.3s		MLR	MLR
UPC	Upice	30.93 309	P	P
PERS	Pernice	30.98 301	iP	P
PERS	Pernice	30.98 301	iP	P
SOKA	Soboth	31.04 301	iP	P
SOKA	comp=Z,3.7nm,0.7s		iPcP	PcP
SOKA	Soboth	31.04 301	P	P
SOKA	comp=Z,4.6nm,1.2s		P	P
SOKA	Soboth	31.04 301	P	P
SOKA	comp=Z,3.7nm,0.7s		P	P
NVLJ	Novellja	31.06 297	P	P
NVLJ	Novellja	31.06 297	iP	P
LSA	Lhasa	31.09 92	eP	P
LSA			pmax	pmax
LSA	Lhasa	31.09 92	eP	P
LSA	comp=Z,13nm,0.8s		P	P
VISS	Visnje	31.12 300	iP	P
VISS	Visnje	31.12 300	P	P
OBKA	Obir	31.26 301	iP	P
OBKA	comp=Z,1.8nm,0.4s		P	P
OBKA	Obir	31.26 301	P	P
OBKA	comp=Z,1.8nm,0.4s		P	P
GOPC	GO Pecny, Ondr	31.59 308	AMS	AMS
GOPC	comp=Z,400nm,14.7s		AMS	AMS
MOA	Molin	31.66 304	P	P
MOA	comp=Z,2.4nm,0.6s		P	P
MOA	Molin	31.66 304	P	P
MOA	comp=Z,2.4nm,0.6s		P	P
JAVS	Javornik	31.66 300	iP	P
JAVS	Javornik	31.66 300	iP	P
PRU	Pruhonice	31.76 308	eP	P
PRU			AMS	AMS
PRU	Pruhonice	31.76 308	eP	P
PRU	comp=Z,400nm,12.1s		MLR	MLR
PRU	Pruhonice	31.76 308	P	P
PVCC	Panska Ves	31.84 309	AMS	AMS
PVCC	comp=Z,200nm,14.6s		AMS	AMS
PRG	Prague	31.84 308	AMS	AMS
PRG	comp=Z,400nm,14.4s		AMS	AMS
TRI	Trieste	31.87 299	eP	P
TRI			pmax	pmax
TRI	Trieste	31.87 299	eP	P
TRI	comp=Z,14nm,1.0s		P	P
MYKA	Terra Mystica	31.99 301	iP	P
MYKA	comp=Z,2.0nm,0.4s		PcP	PcP
MYKA	Terra Mystica	31.99 301	iP	P
MYKA	comp=Z,3.3nm,1.0s		P	P
VAE	Valguarnera	32.05 284	P	P
VAE	comp=Z,12nm,1.1s		P	P
GERES	GERES Array S	32.14 305	eP	P
GERES	comp=Z,12nm,1.1s		P	P
GERES	GERES Array S	32.14 305	eP	P
GERES	comp=Z,12nm,1.1s		P	P
GERES	GERES Array B	32.14 305	P	P
GERES	comp=Z,3.2nm,0.8s,baz=111,slow=7.4,SNR=23		PcP	PcP
GERES	GERES	32.14 305	LR	LR
GERES	comp=Z,1.8nm,0.9s,baz=67,slow=3.5,SNR=4.9		LR	LR
AQU	L'Aquila	32.19 293	eP	P
AQU			pmax	pmax
AQU	L'Aquila	32.19 293	eP	P
AQU	comp=Z,2.86nm,0.9s		P	P
KBA	Koelnbreinsper	32.22 302	iP	P
KBA	comp=Z,1.2nm,0.4s		iPcP	PcP
KBA	Koelnbreinsper	32.22 302	iP	P
KBA	comp=Z,1.2nm,0.4s		P	P
KHC	Kasperske Hory	32.26 306	eP	P
KHC			ex	x
KHC			AMS	AMS
KHC			AMS	AMS
KHC	Kasperske Hory	32.26 306	eP	P
KHC			e	P
KHC			MLR	MLR
KHC	comp=Z,500nm,24.9s		MLR	MLR
KHC	Kasperske Hory	32.26 306	eP	P
KHC			MLR	MLR
KHC	comp=Z,500nm,24.9s		MLR	MLR
KHC	Kasperske Hory	32.26 306	eP	P
KHC	comp=Z,5.6nm,1.5s		P	P
BRG	Berggiesshubel	32.29 309	eP	P
BRG	comp=Z,19nm,1.3s		P	P
BRG	Berggiesshubel	32.29 309	eP	P
BRG			i	S
BRG	comp=N,190nm,14.1s		S	S
BRG	comp=E,309nm,16.0s		S	S
BRG	Berggiesshubel	32.29 309	eP	P
BRG	comp=Z,363nm,16.2s		P	P
BRG	Berggiesshubel	32.29 309	eP	P
BRG			pmax	pmax
BRG	comp=Z,19nm,1.3s		MLR	MLR
BRG	comp=N,190nm,14.1s		MLR	MLR
BRG	comp=E,309nm,16.0s		MLR	MLR
BRG	comp=Z,363nm,16.2s		MLR	MLR
ABTA	Abfaltersbach	32.77 301	iP	P
ABTA	comp=Z,2.0nm,0.5s		P	P
ABTA	Abfaltersbach	32.77 301	P	P
ABTA	comp=Z,2.0nm,0.5s		P	P
CLL	Collin	32.95 310	eP	P
CLL			eS	S
CLL			pmax	pmax
CLL	Collin	32.95 310	eP	P
CLL	comp=Z,19nm,1.3s		S	S
CLL	Collin	32.95 310	eP	P
CLL	comp=Z,19nm,0.9s		S	S
CLL	Collin	32.95 310	eP	P
CLL	comp=Z,19nm,1.3s		i	P
CLL			i	P

CLL			eP	P
CLL			eS	S
CLL			ePcS	P
CLL			eP	P
CLTB	Callabellotta	32.96 284	eP	P
CLTB	comp=Z,68nm,1.7s		P	P
NKC	Novy Kostel	33.13 308	AMS	AMS
NKC	comp=Z,500nm,14.4s		P	P

Table with columns for station name, coordinates, and various parameters. Includes stations like CD2, KMB0, KMB0, KMB0, RESF, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like PMRV, PMRV, PMRV, PMRV, PBAR, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like DAWY, YKA, GUMO, FITZ, FITZ, ULM, WRA, ASAR, PDAR, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like ECAT, ECAT, VRTB, VRTB, VRTB, BINGL, BINGL, YEDI, YEDI, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like ZKR, ZKR, ZKR, ZKR, ZKR, LAST, LAST, etc.

Table with columns: USRK, Ussuriysk Arr, 55.24 12 P, P, 02 07 20.1 0.0, etc.

Table with columns: MAN 12 02:02:41, 18.73N-120.92E, h1km, mb4.0, ML2.8, MS2.5, 1C, Luzon

IDC 12 02:03:15.9, 4.2, 29.23S-176.73W, h43km, g1km, mb3.4/2, mb1 3.7/3, mb1mx3.4/26, mbtmp3.7/3, ML3.5/1, MS3.5/2, Ms1 3.5/2, ms1mx3.0/15, Error ellipse: s-maj=39.6km s-min=27.1km az=49.0, Kermadec Islands region

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, etc.

NIED 12 02:07:00, 38.30N-141.90E, h44km, Mw4.2 Best double couple: M2, 0.9000x1.015, N1, 0.9194, 0.0000, 0.316, 0.0000, 1.89, 0.0000, NP2, 0.16, 0.0000, 0.74, 0.0000, 1.90, 0.0000, ISJCJB 12 02:07:40, 0.0, 0.7, 38.26N, 0.0, 0.3, 141.88E, h51km, g4km, mb4.1/26, MS3.2/2, Error ellipse: s-maj=10.2km s-min=4.6km az=16.5

JMA 12 02:07:40, 0.6, 0.1, 38.30N-141.87E, h47km, 1km, M4.0 JMA Felt II J1, IDC 12 02:07:44, 1.2, 1.38, 19N-141.66E, h75km, 19km, mb3.7/16, mb1 3.9/23, mb1mx3.8/45, mbtmp4.0/23, MS3.2/7, Ms1 3.2/7, ms1mx2.9/54, Error ellipse: s-maj=19.6km s-min=12.3km az=63.5

ISC 12 02:07:41, 4.1, 1.1, 38.29N-10.0, 141.88E-0.07, h49km, gkm, n67, 19.72/74, mb4.2/26, Near east coast of eastern Honshu

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, etc.

Table with columns: WRA Warramunga Arr, 58.35 188 P, P, 02 17 30.7 -0.8, etc.

Table with columns: CLM Collin, 80.19 330 / P, P, 02 19 46.0 -0.3, etc.

IDC 12 02:17:42, 3.5, 9, 15.33S-173.05W, h0km, mb4.1/4, mb1 4.5/4, mb1mx3.8/46, mbtmp4.1/4, MS2.7/2, Ms1 2.7/2, ms1mx2.6/28, Error ellipse: s-maj=290.8km s-min=19.4km az=141.0

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, etc.

NEIC 12 02:17:46, 4.2, 0.2, 14.83S-173.60W, h10km, mb4.3/6, Error ellipse: s-maj=106.0km s-min=16.1km az=145.0 ISJCJB 12 02:17:47, 2.1, 1.8, 15.0S-0.6, 173.4W, 0.4, h30km, mb4.2/9, MS2.6/2, Error ellipse: s-maj=96.5km s-min=9.3km az=147.5

ISC 12 02:17:47, 8.2, 5, 15.2S-0.8, 173.3W-0.5, h30km, n16, 19.28/13, mb4.1/9, Tonga Islands

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, etc.

CASC 12 02:23:48, 5.1, 8, 11.02N-86.66W, h27km, gkm, MD4.5, ML4.8, mb5.0(NEIC) ISJCJB 12 02:23:51, 5.0, 4.1, 11.31N-0.03, 86.50W, 0.02, h71km, 2km, mb4.9/181, Error ellipse: s-maj=5.7km s-min=3.2km az=32.6

IDC 12 02:23:52, 0.2, 4, 11.32N-86.44W, h57km, 20km, mb4.4/21, mb1 4.6/23, mb1mx3.4/34, mbtmp4.7/23, ML2.8/2, MS2.4/15, Ms1 4.2/15, ms1mx4.0/37, Error ellipse: s-maj=21.6km s-min=9.1km az=52.0

BUI 12 02:23:54.5, 11.30N-86.50W, h90km, mB5.1/6, Ms5.1/4, Ms7.4/8

NEIC 12 02:23:54.9, 0.6, 11.30N-86.47W, h82km, 5km, mb5.0/172, Error ellipse: s-maj=5.5km s-min=3.2km az=223.0

NEIC Felt III at Diramba and IJ1 at Managua. Also felt at Catarina, Jinotepe and Masaya. ISC 12 02:23:52, 9.0, 8, 11.21N-0.05, 86.53W, 0.04, h71km, gkm, mb4.9/181/825, mb5.0/181, 3C-1D, Near coast of Nicaragua

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, etc.

Table with columns: BUS Buena Vista, 3.19 121 eP, Pn, 02 24 38.2 -2.9, etc.

Table with columns: SJCJC San Jacinto, C, 11.24 240 P, Pn, 02 26 29.8 -1.0, etc.

IDC 12 02:23:54, 1.8, 15.2S-0.8, 173.3W-0.5, h30km, n16, 19.28/13, mb4.1/9, Tonga Islands

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, etc.

ISC 12 02:23:54, 1.8, 15.2S-0.8, 173.3W-0.5, h30km, n16, 19.28/13, mb4.1/9, Tonga Islands

ISC 12 02:23:54, 1.8, 15.2S-0.8, 173.3W-0.5, h30km, n16, 19.28/13, mb4.1/9, Tonga Islands

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, etc.

634A	China Grove, S	21.17	330	P	P	02 28 31.8	-0.8
CBYP	Canovans	21.18	68	eP	P	02 28 34.2	+1.5
VBMS	Vicksburg	21.23	351	P	P	02 28 34.0	+1.0
VBMS	Vicksburg	21.23	351	eP	P	02 28 35.1	+2.1
340A	Bronson	21.23	342	P	P	02 28 33.8	+0.8
339A	Huntington	21.36	341	P	P	02 28 32.8	-1.6
535A	Dale	21.36	333	P	P	02 28 33.0	-1.5
242A	Grayson	21.39	347	P	P	02 28 34.3	-0.5
147A	Livingston	21.42	356	P	P	02 28 35.1	0.0
146A	Union	21.45	354	P	P	02 28 34.9	-0.5
437A	Phantom Ranch	21.46	337	P	P	02 28 34.5	-1.0
145A	Houston Renfro	21.52	352	P	P	02 28 36.8	+0.6
241A	Mo Tay, Golden	21.53	345	P	P	02 28 36.8	+0.5
PCRV	Puerto La Cruz	21.54	91	P	P	02 28 36.8	+0.2
PCRV	Puerto La Cruz	21.54	91	P	P	02 39 54.4	
144A	Alexander Park	21.61	351	P	P	02 28 37.4	+0.3
338A	Crockett	21.63	339	P	P	02 28 38.1	+0.8
633A	Saathoff Ranch	21.65	329	P	P	02 28 36.6	-1.0
436A	Wall Ranch, Ga	21.66	335	P	P	02 28 37.6	-0.1
LRAL	Lakeview Retre	21.72	359	eP	P	02 28 39.3	+1.0
534A	Bianco	21.77	331	P	P	02 28 38.1	-0.8
240A	Hunter Patters	21.77	343	P	P	02 28 39.3	+0.4
NATX	Nacogdoches	21.78	341	P	P	02 28 39.5	+0.5
NATX	Nacogdoches	21.78	341	eP	P	02 28 40.1	+1.1
337A	Centerville	21.80	338	P	P	02 28 39.7	+0.5
143A	Soacs Landing,	21.85	349	P	P	02 28 39.7	0.0
247A	Carrollton	21.93	357	P	P	02 28 40.7	+0.2
239A	Gary	21.96	342	P	P	02 28 41.5	+0.7
246A	Louisville	21.99	355	P	P	02 28 41.9	+0.7
435B	Jarrell	22.01	334	P	P	02 28 40.9	-0.5
533A	Kerrville	22.08	330	P	P	02 28 40.9	-1.3
Z48A	Norhport	22.08	358	P	P	02 28 42.3	+0.2
141A	Papa Simpson,	22.08	346	P	P	02 28 42.1	-0.1
238A	Jacksonville	22.16	340	P	P	02 28 43.5	+0.5
336A	Riesel	22.23	336	P	P	02 28 43.6	-0.2
Z45A	Winona	22.24	353	P	P	02 28 44.1	+0.2
Z44A	Pea Ridge, Bel	22.25	351	P	P	02 28 44.2	+0.2
GOGA	Godfrey	22.27	7	eP	P	02 28 45.1	+0.9
GOGA	Godfrey	22.27	7	eP	P	02 32 38.5	+0.7
140A	Cam and Jess,	22.29	344	P	P	02 28 44.5	+0.1
Z43A	Armstrong Fami	22.32	350	P	P	02 28 44.7	0.0
434A	Burne	22.34	333	P	P	02 28 43.8	-1.2
335A	Moody	22.37	335	P	P	02 28 44.8	-0.6
Z42A	Norrel Spur, H	22.51	348	P	P	02 28 46.1	-0.7
139A	Bunkhouse Ranc	22.56	343	P	P	02 28 46.8	-0.4
NHSC	New Hope	22.56	14	eP	P	02 28 47.5	+0.2
Y47A	UCPARC, Winfie	22.62	357	P	P	02 28 48.4	+0.5
236A	Katherine and	22.65	337	P	P	02 28 48.1	-0.2
Y46A	Houston	22.66	355	P	P	02 28 48.3	-0.1
433A	Art	22.67	331	P	P	02 28 47.0	-1.5
Z41A	Richard Creek	22.68	346	P	P	02 28 47.9	-0.7
Y45A	Yeager Farm, C	22.71	354	P	P	02 28 49.2	+0.3
138A	Mattatali	22.75	341	P	P	02 28 50.0	+0.7
334A	Lometa	22.76	333	P	P	02 28 48.5	-1.0
JCT	Junction City	22.79	329	P	P	02 28 48.6	-1.3
JCT	Junction City	22.79	329	eP	P	02 28 49.8	-0.1
JCT	Junction City	22.79	329	eP	P	02 32 40.4	+1.3
Z40A	Long Farm, Mag	22.83	345	P	P	02 28 49.6	-0.5
Y44A	Strider, Charl	22.89	352	P	P	02 28 50.6	-0.2
137A	Heron Place, G	22.91	340	P	P	02 28 51.2	+0.2
Y43A	Makayla and Ka	22.95	351	P	P	02 28 50.8	-0.5
WHTX	Lake Whitney,	23.00	336	P	P	02 28 51.2	-0.7
WHTX	Lake Whitney,	23.00	336	eP	P	02 28 51.5	-0.4
WHTX	Irene McRaven,	23.02	343	P	P	02 32 39.5	+0.1
Z39A	Garnett, Star	23.03	349	P	P	02 28 52.0	-0.1
Y42A	Garnett, Star	23.03	349	P	P	02 28 51.5	-0.6
136A	Ennis	23.08	338	P	P	02 28 52.5	-0.1
333A	Richland Sprin	23.09	332	P	P	02 28 51.6	-1.3
CCAR	Cane Creek	23.10	349	eP	P	02 28 54.0	+1.2
WLAR	White Oak Lake	23.17	346	eP	P	02 28 54.3	+0.8
Y41A	Eaglette Beard	23.24	347	P	P	02 28 53.4	-0.8
X45A	UM Field Stati	23.25	354	P	P	02 28 53.5	-0.8
Z38A	Mt. Pleasant	23.27	342	P	P	02 28 54.5	0.0
234A	Clairette	23.30	334	P	P	02 28 53.8	-1.0
OXF	Oxford	23.34	354	eP	P	02 28 54.1	-1.0
X44A	Crenshaw	23.41	352	P	P	02 28 54.8	-0.9
Z37A	Pogue Cattle C	23.42	341	P	P	02 28 55.9	-0.1
JSC	Jenkinsville	23.46	11	eP	P	02 28 57.2	+1.0
135A	Vickery Place,	23.48	336	P	P	02 28 56.3	-0.2
Y40A	Okolona	23.52	346	P	P	02 28 56.3	-0.4
X43A	Marvell	23.54	351	P	P	02 28 56.3	-0.5
Z33A	Rising Star	23.64	331	P	P	02 28 57.4	-0.5
Y39A	Lockesburg	23.65	344	P	P	02 28 57.8	-0.2
X42A	Stuttgart	23.69	349	P	P	02 28 57.7	-0.6
Z36A	Blue Ridge	23.76	339	P	P	02 28 58.2	-0.8
134A	White-Moore Ra	23.77	335	P	P	02 28 58.2	-0.8

X41A	Kaden, Bauxite	23.82	348	P	P	02 28 59.0	-0.4
Y38A	Idabel	23.82	343	P	P	02 28 59.1	-0.4
HPIG	Idabel	23.85	314	eP	P	02 29 02.6	+2.5
X40A	Basin Creek Fa	23.87	347	P	P	02 28 59.4	-0.5
SWET	Sewanee	23.90	1	eP	P	02 29 00.6	+0.4
W45A	Hickory Valley	23.96	355	P	P	02 28 59.7	-1.0
UALR	University	24.05	348	eP	P	02 29 01.2	-0.2
W43A	Forest City	24.07	352	P	P	02 29 00.6	-1.1
TXAR	Lajitas Array	24.09	321	P	P	02 29 02.4	+0.3
TXAR	Lajitas Array	24.09	321	P	P	02 32 43.2	+1.3
TX31	Lajitas Ar. Si	24.09	321	eP	P	02 29 02.5	+0.4
MIAR	Mount Ida	24.10	346	P	P	02 29 01.6	-0.3
MIAR	Mount Ida	24.10	346	eP	P	02 29 01.6	-0.3
Z35A	Perchaven, San	24.11	338	P	P	02 29 02.0	-0.1
133A	Hemphill Ranch	24.15	334	P	P	02 29 02.1	-0.4
CPCT	Cooper Cave	24.20	4	eP	P	02 29 03.8	+1.0
X39A	Fountain Ranch	24.20	345	P	P	02 29 02.4	-0.5
Y36A	Durant	24.28	340	P	P	02 29 03.4	-0.2
KMSC	Kings Mountain	24.29	10	P	P	02 29 03.7	0.0
KMSC	Kings Mountain	24.29	10	eP	P	02 29 04.7	+1.1
Z34A	Colburn Farm,	24.40	336	P	P	02 29 04.5	-0.2
W41B	Gary Mavity, V	24.41	349	P	P	02 29 04.2	-0.5
TKL	Tuckaleechee C	24.46	5	P	P	02 29 06.0	+0.7
TKL	Tuckaleechee C	24.46	5	P	P	02 29 05.0	-0.2
ABTX	Ablene, Hawie	24.49	332	P	P	02 29 05.2	-0.4
ABTX	Ablene, Hawie	24.49	332	eP	P	02 29 05.4	-0.2
X301	Greenbrier Sit	24.50	348	eP	P	02 29 05.3	-0.3
Y45A	Humboldt	24.52	355	P	P	02 29 04.8	-0.9
WHAR	Woolly Hollow	24.53	349	eP	P	02 29 05.4	-0.5
WHAR	Woolly Hollow	24.53	349	eP	P	02 32 44.5	+1.8
X38A	Whitesboro	24.54	343	P	P	02 29 06.2	+0.2
Y35A	Marietta	24.55	339	P	P	02 29 06.2	+0.2
W40A	Ferguson Farm,	24.60	347	P	P	02 29 06.4	-0.1
X37A	Clayton	24.63	342	P	P	02 29 06.8	+0.1
Z33A	Whitaker Ranch	24.67	335	P	P	02 29 07.0	-0.2
V44A	Blytheville	24.70	353	P	P	02 29 06.5	-0.8
H06E1	SOCORRO T-PHASE	4.71	291	T	T	02 54 32.3	
V43A	Jonesboro	24.73	352	P	P	02 29 06.9	-0.8
W39A	Magazine	24.77	346	P	P	02 29 07.9	-0.2
SVB	Belmont	24.79	83	eP	P	02 29 07.8	-0.7
WVT	Waverly	24.83	358	eP	P	02 29 08.4	-0.3
WVT	Waverly	24.83	358	eP	P	02 32 44.1	+0.8
W38A	Poteau	24.84	344	P	P	02 29 08.7	+0.1
Y34A	Reagan Ranch,	24.86	337	P	P	02 29 08.3	-0.6
V42A	Cord	24.88	351	P	P	02 29 07.9	-1.1
X36A	Centrahoma	24.92	340	P	P	02 29 08.8	-0.6
X35A	Drake	24.97	339	P	P	02 29 09.3	-0.6
NNA	Nana	24.98	157	LR	LR	02 37 48.3	
NNA	Nana	24.98	157	LR	LR	02 29 11.1	+0.9
V41A	Mountainview	24.99	349	P	P	02 29 09.1	-1.0
GLAT	Glass	25.07	355	eP	P	02 29 11.1	+0.3
UTMT	University of	25.11	356	eP	P	02 29 11.9	+0.8
V40A	Witts Springs	25.14	348	P	P	02 29 10.7	-0.8
W37B	Quinton	25.16	343	P	P	02 29 11.3	-0.3
Y33A	Hilltop Ranch,	25.24	336	P	P	02 29 12.0	-0.4
U43A	Rector	25.29	353	P	P	02 29 12.2	-0.6
U44A	Portageville	25.34	354	P	P	02 29 12.7	-0.6
V39A	Pettigrew	25.35	346	P	P	02 29 13.0	-0.4
TZTN	Tazewell	25.36	6	eP	P	02 29 14.3	+0.8
U42A	Reviden	25.39	351	P	P	02 29 12.5	-1.2
W36A	Wetzel	25.40	341	P	P	02 29 12.6	-1.2
X34A	Smith Ranch, M	25.46	338	P	P	02 29 13.6	-0.7
U41A	Viola	25.49	350	P	P	02 29 12.8	-1.8
PARMO	Parma	25.51	354	eP	P	02 29 15.1	+0.4
V38A	Canehill	25.56	345	P	P	02 29 13.6	-1.6
W35A	Teague	25.62	340	P	P	02 29 14.3	-1.5
X33A	Lawton	25.66	337	P	P	02 29 15.2	-1.0
U40A	Yellville	25.68	348	P	P	02 29 15.7	-0.6
PBMO	Poplar Bluff	25.70	353	eP	P	02 29 16.3	-0.1
V37A	Hulbert	25.77	344	P	P	02 29 15.9	-1.2
U39A	Green Forest	25.83	347	P	P	02 29 16.9	-0.8
X32A	Elmer	25.87	335	P	P	02 29 17.2	-0.9
T44A	Benton	25.91	354	P	P	02 29 16.9	-1.4
V36A	Jenks	25.91	342	P	P	02 29 17.0	-1.4
WMOK	Wichita Mounta	25.94	336	P	P	02 29 17.7	-1.0
WMOK	Wichita Mounta	25.94	336	eP	P	02 29 18.1	-0.7
WMOK	La Paz	25.98	303	P	P	02 32 46.9	+1.1
LPIG	Greenville	25.98	353	P	P	02 29 19.2	0.0
T43A	Greenville	25.98	353	P	P	02 29 19.1	-0.9
TUL1	Leonard	25.98	343	P	P	02 29 17.5	-1.6
TUL1	Leonard	25.98	343	eP	P	02 29 18.0	-1.0
TUL1	Leonard	25.98	343	eP	P	02 32 46.7	+0.8
W34A	Bridge Creek,	26.01	339	P	P	02 29 18.6	-0.9
W34A	Bridge Creek,	26.01	339	eP	P		

12d 2h

2018 AUG

540

Table of station data for the left column, including call signs like FXWY, RCTC, SMCC, etc., and their associated coordinates and status.

Table of station data for the middle column, including call signs like BDFB, BDFB, BDFB, etc., and their associated coordinates and status.

Table of station data for the right column, including call signs like ASAR, WRAB, WRA, etc., and their associated coordinates and status.

JMA 12 02:25:43.8, 23:87N, 122:01'E, h33km, 2km, M2.6
ISCJB 12 02:25:44.0, 0.4, 23:88N, 122:02'E, 0.02, h29km, 3km,
Error ellipse: s-maj=3.8km s-min=2.4km az=149.2
TAP 12 02:25:44.7, 23:90N, 121:98E, h29km, ML3.2, D
ISC 12 02:25:44.3, 0.1, 23:88N, 122:01'E, 0.02, h32km, 11km,
n43, c0565/82, Taiwan region

Table of station data for the right column, including call signs like HWA, HWA, HWA, etc., and their associated coordinates and status.

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

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

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

PATS	Pohnpei	37.49 317	P	P	03 22 03.2 +1.4
TAOE	Nuku Hiva Isla	37.58 76	eS	S	03 27 37.7 +2.7
STKA	Stevens Creek	38.17 246	P	P	03 22 07.3 0.0
STKA	comp=Z,199nm,1.3s				
STKA	comp=Z,3.3nm,0.4s,baz=106,slow=7.4,SNR=3.6				
STKA	comp=Z,8.4nm,1.1s,baz=89,slow=6.8,SNR=6.5				
STKA	Stevens Creek	38.17 246	P	P	03 22 07.3 +0.3
RKT	Rikitea	38.63 100	eS	S	03 27 46.4 -4.0
RKT	Rikitea	38.63 100	eT	T	04 01 46.0
COEN	Coen	38.74 275	P	P	03 22 13.1 +1.0
COEN	Coen	38.74 275	eP	P	03 22 12.8 +0.6
QIS	Mount Isa	40.50 264	P	P	03 22 26.7 0.0
HIT	Hallett	40.55 244	P	P	03 22 26.6 -0.4
BBOO	Bucklebo	42.91 245	P	P	03 22 44.9 -1.0
BBOO	Bucklebo	42.91 245	eP	P	03 22 44.8 -1.2
ASAR	Alice Springs	45.25 258	P	P	03 23 04.2 -0.6
ASAR	comp=Z,26nm,0.5s,baz=94,slow=7.7,SNR=28.4				
ASAR	comp=Z,7.6nm,0.9s,baz=103,slow=4.3,SNR=5.0				
ASAR	comp=Z,1.2nm,0.8s,baz=95,slow=5.7,SNR=4.2				
ASAR	comp=Z,6.6nm,1.3s,baz=91,slow=15,SNR=8.4				
ASAR	comp=Z,805nm,18.4s,baz=100,slow=34				
WRAB	Tennant Creek	45.47 263	d/P	P	03 23 05.0 -1.4
WRAB	comp=Z,172nm,1.2s				
WRAB	Tennant Creek	45.47 263	eP	P	03 23 05.2 -1.2
WRAB	comp=Z,96nm,1.2s				
WRA	Warrungarra Arr	45.48 263	P	P	03 23 05.5 -0.9
WRA	comp=Z,40nm,1.0s,baz=97,slow=7.7,SNR=247				
WRA	comp=Z,1.0nm,1.0s,baz=97,slow=9.3,SNR=6.5				
WRA	comp=Z,2.0nm,1.0s,baz=96,slow=4.3,SNR=4.3				
WRA	comp=Z,1.3nm,0.9s,baz=102,slow=14,SNR=3.6				
JAY	Jayapura	45.48 289	P	P	03 23 06.6 0.0
GENI	Genyem	45.92 289	P	P	03 23 10.3 +0.4
KIP	Kipapa	46.79 24	P	P	03 23 15.7 -0.8
KIP	comp=Z,693nm,1.1s				
KDU	Kakadu	49.05 272	P	P	03 23 33.8 -0.2
FORT	Forrest	49.74 248	P	P	03 23 38.2 -0.9
FORT	Forrest	49.74 248	eP	P	03 23 37.8 -1.2
WRKA	Warakma	50.13 255	P	P	03 23 41.0 -1.1
MTN	Manton Dam	50.24 271	P	P	03 23 42.1 -0.9
GUMO	Guam	51.48 310	eP	P	03 23 52.7 +0.6
GUMO	comp=Z,344nm,1.1s				
GUMO	Guam	51.48 310	eP	P	03 23 52.7 +0.6
GUMO	comp=Z,344nm,1.1s				
KNRA	Kunurata	51.63 267	P	P	03 23 53.4 +0.1
FAKI	Fak Fak	52.84 284	P	P	03 24 02.0 -0.2
FAKI	Fak Fak	52.84 284	eP	P	03 24 01.4 -0.8
FITZ	Fitzroy Crossi	53.91 263	P	P	03 24 09.7 -0.2
SWI	Sorong	54.62 285	P	P	03 24 15.1 0.0
KMBL	Kambalda	54.97 246	P	P	03 24 17.4 -0.1
MSAI	Masohi	55.68 281	P	P	03 24 22.8 +0.1
SBA	Scott Base	56.59 184	eP	P	03 24 31.4 +3.3
SBA	comp=Z,9.0nm,1.0s				
SBA	Scott Base	56.59 184	eP	P	03 24 31.4 +3.3
SBA	comp=Z,9.4nm,1.0s				
VNDA	Vanda	56.65 185	P	P	03 24 31.2 +2.7
VNDA	comp=Z,1.6nm,0.8s,baz=26,slow=7.4,SNR=6.2				
VNDA	comp=Z,53nm,19.8s,baz=15,slow=32				
NLAI	Namlea	57.39 281	P	P	03 24 34.7 0.0
SOEI	Soe	57.60 272	P	P	03 24 36.1 -0.3
SOEI	Soe	57.60 272	eP	P	03 24 37.2 +0.9
BATI	Baumata	58.02 271	P	P	03 24 39.3 +0.2
LBMI	Labuha	58.10 284	P	P	03 24 40.1 +0.4
KLBR	Kellerberrin	58.45 246	P	P	03 24 41.2 -0.6
MEEK	Meekatharra	58.48 251	P	P	03 24 40.6 -1.6
MBWA	Marble Bar	58.60 258	P	P	03 24 42.4 -0.6
MBWA	Marble Bar	58.60 258	eP	P	03 24 41.7 -1.3
MBWA	Marble Bar	58.60 258	eP	P	03 24 41.7 -1.3
MBWA	comp=Z,124nm,0.8s				
NWAO	Narrogin (SRO)	58.71 244	P	P	03 25 30.9 +0.3
NWAO	comp=Z,59,SNR=4.9				
NWAO	baz=59,SNR=4.9				
SANI	Sanana	58.88 281	P	P	03 24 45.1 +0.1
BLDU	Balidui	59.48 247	P	P	03 24 48.0 -0.9
MMRI	Maumere	59.87 273	P	P	03 24 51.5 -0.3
MORW	Morawa	60.30 248	P	P	03 24 53.8 -0.7
EDFI	Ende, Flores	60.34 272	P	P	03 24 54.4 -0.7
KDI	Kendari	61.22 278	P	P	03 25 00.6 -0.3
LWUI	Luwuk	62.23 281	P	P	03 25 07.8 +0.2
MRSI	Marisa	63.61 282	P	P	03 25 16.2 -0.5
PLAI	Piampang	63.95 271	P	P	03 25 18.5 -0.4
TTSI	Tana Toraja	64.14 277	P	P	03 25 19.9 -0.3
TWSI	Taliwang, Sumb	64.81 270	P	P	03 25 20.7 -0.7
PCI	Palu	64.97 280	P	P	03 25 26.0 +0.5
JAGI	Jajag, Banyuw	67.43 270	P	P	03 25 40.3 -0.9
QSPA	South Pole Qui	68.21 180	eP	P	03 25 46.6 +1.3
JHJ2	Mitsune	68.54 322	eP	P	03 25 47.1 -0.4
JHJ2	comp=Z,103nm,0.9s				
TSM	Tawau	68.89 284	P	P	03 25 50.8 +0.6
PWJI	Pagerwojo	69.77 269	P	P	03 25 54.6 -1.0
SDKM	Sandakan	70.08 285	P	P	03 25 58.6 +1.0
PCJI	Pucitan	70.29 269	P	P	03 25 58.4 -0.4
JOW	Kunigami	71.85 310	eP	P	03 26 07.7 -0.1
MJAR	Matsushiro Arr	71.93 323	P	P	03 26 07.5 -0.6
MJAR	comp=Z,13nm,0.6s,baz=157,slow=5.9,SNR=36				
MJAR	comp=Z,103nm,20.3s,baz=100,slow=33				
MAJO	Matsushiro	71.93 323	d/P	P	03 26 06.7 -1.4
MAJO	comp=Z,119nm,1.0s				
MAJO	Matsushiro	71.93 323	eP	P	03 26 06.8 -1.3
MAJO	comp=Z,13nm,0.6s				
MAT	Matsushiro	71.93 323	P	P	03 26 07.3 -0.8
MAT	comp=Z,10.1s				
KPJI	Karang Pucung	72.67 269	P	P	03 26 14.6 +1.6
SBUM	Sibu	73.28 280	P	P	03 26 17.4 +0.9
JNU	Nakatsue	73.99 316	eP	P	03 26 20.3 0.0
KSM	Kuching	74.65 278	P	P	03 26 24.9 +0.4
NACB	Ninganchiao	75.31 304	eP	P	03 26 26.8 -1.2
ASAJ	Asahikawa	75.43 331	eP	P	03 26 29.2 +1.0
TPUB	Ta-pu	75.60 303	eP	P	03 26 28.2 -1.5
UNV	Unalaska Vile	75.93 6	eP	P	03 26 29.7 -1.1
AKUT	Akutan	76.29 7	eP	P	03 26 31.8 -1.0
AKUT	comp=Z,158nm,1.3s				
SNCC	San Nicolas Is	77.41 46	P	P	03 26 41.6 +2.0
SNCC	baz=233				

PET	Petropavlovsk	77.55 345	d/P	P	03 26 38.8 -1.0
PET	comp=Z,47nm,1.1s				
PET	comp=Z,200nm,16.4s				
PET	comp=Z,100nm,14.9s				
YSS	Yuzh-Sakhalins	77.58 333	P	P	03 26 41.2 +1.0
YSS	comp=Z,60nm,1.1s				
YSS	Yuzh-Sakhalins	77.58 333	eP	P	03 26 40.6 +0.4
SCZZ	Santa Cruz Isl	77.78 46	P	P	03 26 43.4 +1.7
PETK	Petropavlovsk-	77.86 345	P	P	03 26 41.3 -0.3
PETK	comp=Z,14nm,0.9s,baz=108,slow=9.5,SNR=16				
PETK	comp=Z,71nm,20.3s,baz=166,slow=329				
SC12	San Clemente I	77.91 47	P	P	03 26 44.1 +1.8
SBC	Santa Barbara	78.00 45	P	P	03 26 44.4 +1.7
OZH	Quanzhou	78.04 303	d/P	P	03 26 42.8 -0.4
OZH	comp=Z,100nm,1.0s				
OZH	comp=Z,71nm,20.3s,baz=166,slow=329				
SDPT	Sand Point	78.17 9	eP	P	03 26 42.6 -0.6
PKM	Mcherson Peak	78.20 45	P	P	03 26 45.8 +1.7
BLG	Laguna Peak, P	78.23 46	P	P	03 26 45.4 +1.4
CIS	Catalina Islan	78.25 47	P	P	03 26 45.4 +1.2
SAO	San Andreas Ge	78.30 42	eP	P	03 26 46.0 +1.5
SAO	comp=Z,27nm,1.0s				
SAO	San Andreas Ge	78.30 42	eP	P	03 26 46.0 +1.5
SAO	comp=Z,27nm,1.0s				
SMMC	Simmler	78.34 44	P	P	03 26 46.8 +2.1
FMP	Fort Macarthur	78.51 47	P	P	03 26 46.9 +1.3
KSRS	Korea Array	78.61 318	P	P	03 26 46.7 +0.7
KSRS	comp=Z,4.6nm,0.9s,baz=144,slow=6.3,SNR=18				
KSRS	comp=Z,1.8nm,1.0s,baz=142,slow=10,SNR=4.1				
KSAR	Wonju Array Be	78.62 318	P	P	03 26 46.7 +0.6
KSAR	comp=Z,1.8nm,1.0s,baz=142,slow=10,SNR=4.1				
HOPS	Hopland Field	78.72 40	eP	P	03 26 48.3 +1.7
OCCI	Osito Audit: C	78.75 46	P	P	03 26 48.4 +1.4
DESO	Green Verdugo	78.80 46	P	P	03 26 48.3 +1.1
109C	Camp Elliot, M	78.84 48	P	P	03 26 48.7 +1.2
ARVC	Arvi	78.99 45	P	P	03 26 49.7 +1.5
MURC	Murieta	79.19 47	P	P	03 26 50.7 +1.3
BFSC	Mount Baldy Ra	79.25 46	P	P	03 26 50.6 +0.8
BFSC	comp=Z,234,SNR=3.3				
YES	Vestal, Richgr	79.25 44	P	P	03 26 50.7 +1.2
MONP	Monument Peak	79.32 48	P	P	03 26 51.8 +1.5
MONP	comp=Z,235,SNR=8.7				
SSE	Sheshan	79.37 310	P	P	03 26 47.1 -3.2
SSE	comp=Z,39nm,0.7s				
SSE	comp=Z,170nm,7.3s				
IKP	In-Ko-Pah, Jac	79.40 48	P	P	03 26 52.1 +1.6
IKP	comp=Z,236,SNR=9.9				
EDW2	Edwards Air Fo	79.40 46	P	P	03 26 52.1 +1.7
RCTC	Rector, Farmer	79.42 44	P	P	03 26 51.5 +1.1
ISA	Isabella, Lake	79.54 45	P	P	03 26 53.0 +1.8
PMSA	Palmer Station	79.62 156	eP	P	03 26 53.7 +2.6
PFO	Pinyon Flats O	79.70 48	eP	P	03 26 53.6 +1.4
PFO	comp=Z,135nm,2.4s				
PFO	Pinyon Flats O	79.70 48	eP	P	03 26 53.6 +1.4
PFO	comp=Z,135nm,2.4s				
PFO	Pinyon Flats	79.70 48	eP	P	03 26 53.5 +1.3
CMB	Columbia Colle	79.75 42	eP	P	03 26 53.4 +1.1
CMB	comp=Z,99nm,0.9s				
CMB	Columbia Colle	79.75 42	eP	P	03 26 53.4 +1.1
CMB	comp=Z,99nm,0.9s				
BBRC	Big Bear Solar	79.76 47	P	P	03 26 54.2 +1.5
SWSC	Sam W. Stewart	79.78 48	P	P	03 26 53.9 +1.4
LRMC	Laurel Mtn Rad	79.95 45	eP	P	03 26 55.0 +1.4
VLA	Vladivostok	80.00 325	eP	P	03 26 55.1 -0.3
VLA	comp=Z,17nm,0.8s				
RRX	Edison Barstow	80.06 46	P	P	03 26 55.4 +1.4
NO2D	Trinity Center	80.21 39	P	P	03 26 56.7 +2.0
BELC	Belle Mtn, Jos	80.24 47	P	P	03 26 56.9 +1.7
CWC	Cottonwood Cre	80.26 44	P	P	03 26 56.5 +1.3
M02C	Callahan	80.40 38	P	P	03 26 58.0 +2.2
BC3	Big Buckwall	80.42 48	P	P	03 26 57.8 +1.8
MPMC	Manual Propsec	80.42 45	P	P	03 26 57.8 +1.7
GSC	Goldstone, Bar	80.43 46	P	P	03 26 57.5 +1.5
L02D	Cave Junction,	80.47 37	P	P	03 26 58.0 +2.0
HAC	Hector, Ludlow	80.48 47	P	P	03 26 57.6 +1.3
DEC	Darwin (Calf)	80.48 45	eP	P	03 26 57.7 +1.3
DAC	comp=Z,83nm,2.0s				
DAC	Darwin (Calf)	80.48 45	eP	P	03 26 57.7 +1.3
DAC	comp=Z,83nm,2.0s				
MLAC	Mammoth, Mammo	80.48 43	P	P	03 26 58.1 +1.7
GLA	Glamis	80.51 49	P	P	03 26 58.6 +2.1
TIN	Tinemaha, Big	80.52 44	P	P	03 26 57.9 +1.3
MAW	Mawson	80.64 200	P	P	03 26 58.1 +1.6
MAW	comp=Z,6.1nm,0.5s,baz=130,slow=6.1,SNR=26				
MAW	Ussuryysk Ar.	80.68 325	P	P	03 26 58.0 +1.0
MAW	comp=Z,24nm,1.0s,baz=139,slow=3.8,SNR=34				
USRK	comp=Z,83nm,2.1s,baz=147,slow=30				
MYKON	Kota Tinggi	80.73 276	P	P	03 26 58.2 +0.2
GMRC	Granite Mounta	80.91 47	P	P	03 27 00.2 +1.5
IRM	Iron Mountain	80.91 48	P	P	03 27 00.5 +2.0
GRAC	Grapevine Rang	81.05 44	P	P	03 27 01.1 +1.9
FURC	Furnace Creek,	81.07 45	P	P	03 27 00.9 +1

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like PSI, BMO Blue Mountains, BMO Camas Ranch, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like PDAR Pinedale Array, COLA College, COLA College, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like 435B Jarrell, 234A Clairette, 233A Whitaker Ranch, etc.

435B	Jarrell	22.06	334	P	P	04 42 13.4	-0.7
533A	Kerrville	22.13	330	P	P	04 42 13.2	-1.7
248A	North	22.14	358	P	P	04 42 13.7	-1.2
141A	Papa Simpson,	22.14	346	P	P	04 42 14.1	-0.8
238A	Jacksonville	22.21	340	P	P	04 42 15.0	+0.3
336A	Riesel	22.29	336	P	P	04 42 16.8	-0.7
245A	Winona	22.30	353	P	P	04 42 16.7	0.0
244A	Pea Ridge, Bel	22.31	351	P	P	04 42 16.3	-0.4
GOGA	Godfrey	22.34	7 eP	P	P	04 42 16.8	-0.2
140A	Cam and Jess,	22.35	344	P	P	04 42 16.7	-0.4
243A	Armstrong Fami	22.38	350	P	P	04 42 16.9	+0.5
434A	Burnet	22.39	333	P	P	04 42 15.9	-1.8
335A	Moody	22.43	335	P	P	04 42 16.8	-1.3
242A	Norrel Spur, H	22.47	348	P	P	04 42 18.4	-1.2
139A	Bunkhouse Ranch	22.61	343	P	P	04 42 19.3	-0.7
NHSC	New Hope	22.62	14 eP	P	P	04 42 20.1	+0.1
Y47A	UCPARC, Winfie	22.68	357	P	P	04 42 20.5	-0.1
236A	Katherine and	22.71	338	P	P	04 42 20.3	-0.7
433A	Art	22.72	331	P	P	04 42 19.3	-1.9
Y46A	Houston	22.73	355	P	P	04 42 21.1	-0.1
241A	Richland Creek	22.74	346	P	P	04 42 20.2	-1.1
Y45A	Yeager Farm, C	22.78	354	P	P	04 42 21.8	+0.1
138A	Matatal Enter	22.81	341	P	P	04 42 22.5	+0.5
334A	Lotata	22.82	333	P	P	04 42 20.9	-1.3
JCT	Junction City	22.84	329	P	P	04 42 20.7	-1.7
JCT	Junction City	22.84	329 eP	P	P	04 42 20.5	-2.0
Z40A	Long Farm, Mag	22.89	345	P	P	04 42 22.5	-0.3
Y44A	Strider, Charl	22.95	352	P	P	04 42 22.3	-1.2
137A	Heron Place, G	22.97	340	P	P	04 42 22.9	+0.2
Y43A	Malakya and Ka	23.01	351	P	P	04 42 22.7	-1.3
WHTX	Lake Whitney,	23.06	336	P	P	04 42 23.8	-0.8
WHTX	Lake Whitney	23.06	336 eP	P	P	04 42 23.7	-0.9
Z39A	Irene McArthur,	23.08	343	P	P	04 42 24.1	-0.7
Y42A	Garnett, Star	23.09	349	P	P	04 42 23.8	-1.0
136A	Ennis	23.13	338	P	P	04 42 24.7	-0.5
333A	Richland Spring	23.15	332	P	P	04 42 23.7	-1.7
WLAR	White Oak Lake	23.23	346 eP	P	P	04 42 26.3	+0.1
Y41A	Eaglette Beard	23.30	347	P	P	04 42 25.8	-1.0
X45A	UM Field Stati	23.31	354	P	P	04 42 25.7	-1.2
Z38A	Mt. Pleasant	23.32	342	P	P	04 42 26.7	-0.3
234A	Clairette	23.35	334	P	P	04 42 26.4	-0.9
OXF	Oxford	23.40	354 eP	P	P	04 42 27.0	-0.7
X44A	Crenshaw	23.48	352	P	P	04 42 27.2	-1.2
Z37A	Pogue Cattle C	23.48	341	P	P	04 42 28.0	-0.5
JSC	Jenkinsville	23.52	11 eP	P	P	04 42 29.5	+0.6
135A	Vickery Place	23.54	336	P	P	04 42 28.4	-0.7
Y40A	Okolona	23.58	346	P	P	04 42 28.7	-0.7
X43A	Marvell	23.60	351	P	P	04 42 28.7	-0.8
233A	Rising Star	23.70	333	P	P	04 42 29.6	-0.9
Y39A	Lockesburg	23.71	344	P	P	04 42 29.8	-0.8
X42A	Stuttgart	23.75	350	P	P	04 42 30.1	-0.9
Z36A	Blue Ridge	23.82	339	P	P	04 42 30.6	-0.9
134A	White-Moore Ra	23.82	335	P	P	04 42 30.7	-0.9
X41A	Kaden, Bauxite	23.87	348	P	P	04 42 31.4	-0.6
Y38A	Idabel	23.88	343	P	P	04 42 31.5	-0.6
HPIG	Hopewell	23.89	314 eP	P	P	04 42 31.1	+1.6
X40A	Basin Creek Fa	23.93	347	P	P	04 42 31.6	-0.9
SWET	Sewanee	23.96	1 eP	P	P	04 42 32.7	-0.2
W45A	Hickory Valley	24.02	355	P	P	04 42 32.2	-1.2
W44A	Shelby Farms P	24.07	352	P	P	04 42 32.7	-1.0
UALR	University of	24.11	348 eP	P	P	04 42 33.6	-0.5
W43A	Forest City	24.13	352	P	P	04 42 33.1	-1.2
TXAR	Lajitas Array	24.14	321 P	P	P	04 42 35.3	+0.6
TXAR	comp=Z,34nm,0.7s,baz=136,slow=9.4,SNR=397			PcP	PcP	04 46 16.1	+1.9
TX31	Lajitas Ar. Si	24.14	321 eP	P	P	04 42 34.8	+0.1
TX31	TX31	24.14	321 eP	P	P	04 46 16.4	+2.2
MIAR	Mount Ida	24.16	346	P	P	04 42 33.7	-0.9
MIAR	Mount Ida	24.16	346 eP	P	P	04 42 33.9	-0.7
Z35A	Perchaven, San	24.17	338	P	P	04 42 34.5	-0.2
133A	Hamilton Ranch	24.21	334	P	P	04 42 34.4	-0.7
CPCT	Cooper Cave	24.26	4 eP	P	P	04 42 36.1	+0.6
X39A	Fountain Ranch	24.26	345	P	P	04 42 34.9	-0.6
Y36A	Durant	24.34	340	P	P	04 42 35.7	-0.5
KMSC	Kings Mountain	24.35	10 P	P	P	04 42 36.7	+0.4
KMSC	Kings Mountain	24.35	10 eP	P	P	04 42 36.4	+0.1
W42A	Bald Knob	24.44	350	P	P	04 42 35.7	-1.4
Z34A	Collier Ranch,	24.46	336	P	P	04 42 36.7	-0.6
W41B	Gary Mavity, V	24.47	349	P	P	04 42 36.3	-1.1
TKL	Tuckaleechee C	24.53	5 P	P	P	04 42 38.0	0.0
TKL	Tuckaleechee C	24.53	5 eP	P	P	04 42 38.4	+0.4
ABTX	Abilene, Hawle	24.54	333	P	P	04 42 37.5	-0.7
ABTX	Abilene, Hawle	24.54	333 eP	P	P	04 42 37.6	-0.6
X301	Greenbriar Sit	24.57	348 eP	P	P	04 42 37.5	-0.8
V45A	Humboldt	24.58	355	P	P	04 42 37.1	-1.3
WHAR	Woolly Hollow	24.59	349 eP	P	P	04 42 37.8	-0.8

X38A	Whitesboro	24.60	343	P	P	04 42 38.4	-0.2
Y35A	Marietta	24.61	339	P	P	04 42 38.7	0.0
W40A	Ferguson Farm,	24.66	347	P	P	04 42 38.9	-0.2
X37A	Clayton	24.69	342	P	P	04 42 39.3	-0.1
Z33A	Whitaker Ranch	24.73	335	P	P	04 42 39.3	-0.5
H06E1	SOCORRO T-PHASE	24.73	291	T	T	05 08 08.2	
H06S1	SOCORRO T	24.75	291	T	T	05 08 10.2	
V44A	Blytheville	24.76	353	P	P	04 42 38.8	-1.2
V43A	Jonesboro	24.79	352	P	P	04 42 39.7	-0.7
H06N1	SOCORRO T-PHASE	24.81	291	T	T	05 08 13.2	
W39A	Mazette	24.83	346	P	P	04 42 40.3	-0.4
W38A	Poteau	24.90	344	P	P	04 42 41.2	-0.1
WVT	Waverly	24.90	358 eP	P	P	04 42 40.6	-0.7
WVT	comp=Z,25nm,1.3s			ePcP	PcP	04 46 16.4	+0.8
Y34A	Reagan Ranch,	24.92	337	P	P	04 42 40.6	-0.9
V42A	Cotter	24.94	351	P	P	04 42 40.2	-1.4
X36A	Centrahoma	24.98	341	P	P	04 42 41.3	-0.8
X35A	Drake	25.03	339	P	P	04 42 41.6	-0.9
V41A	Mountainview	25.05	349	P	P	04 42 41.7	-1.1
U45A	Rockin P Farm,	25.17	356	P	P	04 42 42.7	-1.1
UTMT	University of	25.17	356 eP	P	P	04 42 43.7	-0.1
V40A	Witts Springs	25.20	348	P	P	04 42 43.3	-0.8
U44B	Burton Farm, H	25.21	355	P	P	04 42 43.3	-0.8
W37B	Quinton	25.21	343	P	P	04 42 43.5	-0.7
Y33A	Hilltop Ranch,	25.30	336	P	P	04 42 44.4	-0.6
U43A	Rector	25.35	353	P	P	04 42 44.6	-0.8
U44A	Portageville	25.40	354	P	P	04 42 44.8	-1.1
V39A	Pettigrew	25.41	346	P	P	04 42 45.0	-1.1
TZTN	Tazewell	25.43	6 eP	P	P	04 42 46.3	+0.1
U42A	Reviden	25.45	351	P	P	04 42 45.3	-1.1
W36A	Wetumka	25.46	341	P	P	04 42 45.1	-1.3
X34A	Smith Ranch, M	25.52	338	P	P	04 42 46.7	-0.3
SLBS	Sierra La Lagu	25.53	302 eP	P	P	04 42 50.0	+2.7
U41A	Viola	25.55	350	P	P	04 42 46.0	-1.3
PARMO	Parma	25.57	354 eP	P	P	04 42 47.3	-0.1
V38A	Canehill	25.62	345	P	P	04 42 46.4	-1.5
W35A	Tecumseh	25.68	340	P	P	04 42 46.8	-1.7
X33A	Lawton	25.72	337	P	P	04 42 48.1	-0.7
U40A	Yellville	25.74	348	P	P	04 42 48.1	-0.9
PBMO	Poplar Bluff	25.76	353 eP	P	P	04 42 48.1	-1.0
V37A	Hulbert	25.83	344	P	P	04 42 48.8	-0.9
U39A	Green Forest	25.89	347	P	P	04 42 49.2	-1.1
X32A	Elmer	25.93	345	P	P	04 42 50.0	-0.7
V36A	Jenks	25.97	342	P	P	04 42 49.6	-1.4
T44A	Benton	25.97	354	P	P	04 42 49.8	-1.2
WMOK	Whitita Mounta	26.00	337	P	P	04 42 50.0	-1.4
WMOK	Wichita Mounta	26.00	337 eP	P	P	04 42 50.0	-1.4
TUL1	Leonard	26.04	343	P	P	04 42 50.0	-1.7
TUL1	Leonard	26.04	343 eP	P	P	04 42 50.5	-1.2
T43A	Greenville	26.04	353	P	P	04 42 50.0	-1.7
W34A	Bridge Creek,	26.06	339	P	P	04 42 50.7	-1.3
W34A	Bridge Creek,	26.06	339 eP	P	P	04 42 51.1	-0.9
U38A	Gravette	26.16	346	P	P	04 42 51.4	-1.4
T41A	Mountain View	26.21	350	P	P	04 42 51.9	-1.3
V35A	Meyer Ranch, C	26.22	341	P	P	04 42 51.3	-2.0
W33A	Caddo, Fort Co	26.24	337	P	P	04 42 52.6	-1.0
U37A	Salina	26.32	344	P	P	04 42 52.7	-1.4
T40A	Mansfield	26.44	349	P	P	04 42 53.9	-1.4
U36A	Oologah	26.47	343	P	P	04 42 54.0	-1.5
S45A	Carrier Mills	26.48	356	P	P	04 42 54.0	-1.6
T39A	Cleaver	26.49	348	P	P	04 42 54.6	-1.1
S43A	Fulton Ridge,	26.50	354	P	P	04 42 54.4	-1.5
V34A	Guthrie	26.52	340	P	P	04 42 54.0	-2.0
V34A	Guthrie	26.52	340 eP	P	P	04 42 54.8	-1.2
W32A	Sentinel	26.52	336	P	P	04 42 54.7	-1.4
BLA	Blanchard	26.53	11 eP	P	P	04 42 56.0	-0.1
S44A	Carbondale	26.54	355	P	P	04 42 55.1	-1.1
SIUC	Southern Illin	26.56	355 eP	P	P	04 42 56.3	0.0
VWCC	Virginia Weste	26.64	12 eP	P	P	04 42 58.3	+1.2
T38A	Diamond	26.70	346	P	P	04 42 56.3	-1.4
USIN	University of	26.72	358 eP	P	P	04 42 57.6	-0.1
S41A	Jillico Farms,	26.74	351	P	P	04 42 56.2	-1.8
U35A	Pawnee	26.75	341	P	P	04 42 56.7	-1.4
V33A	Lossen Ranch,	26.77	338	P	P	04 42 56.8	-1.5
S42A	Caledonia	26.78	352	P	P	04 42 56.4	-1.9
MNTX	Cornudas Mount	26.86	322	P	P	04 42 58.3	-0.8
MNTX	Cornudas Mount	26.86	322 eP	P	P	04 42 58.6	-0.6
S40A	Lebanon	26.88	349	P	P	04 42 57.9	-1.3
T37A	Cheneyville 18	26.84	345	P	P	04 42 58.8	-0.9
V32A	Arapaho	26.96	337	P	P	04 42 58.9	-1.1
WCI	Wyandotte Cave	26.97	0 eP	P	P	04 42 59.7	-0.4
U34A	Anderson Ranch	27.07	340	P	P	04 42 59.5	-1.5
U34A	Anderson Ranch	27.07	340 eP	P	P	04 42 59.8	-1.2
R44A	Waltonville						

MVL	baz=167,SNR=16	30.12	16	eP	P	04 43 29.1	+1.1
O35A	Humboldt comp=Z,20nm,0.9s	30.16	346	P	P	04 43 26.8	-1.7
N54A	Moraine State baz=161,SNR=18	30.25	10	P	P	04 43 26.8	-2.4
N37A	Lee Faris, Mou baz=165,SNR=7.1	30.26	348	P	P	04 43 27.9	-1.3
O34A	Beatrice baz=160,SNR=26	30.28	344	P	P	04 43 28.2	-1.3
PSUB	Penn St. - Bra comp=Z,9.4nm,0.9s	30.30	17	eP	P	04 43 30.3	+0.7
M41A	Milan baz=172,SNR=12	30.31	354	P	P	04 43 28.1	-1.6
P32A	Huiting Farm, baz=156,SNR=29	30.32	341	P	P	04 43 28.6	-1.2
M42A	Sheffield baz=174,SNR=5.9	30.32	355	P	P	04 43 28.1	-1.7
SSPA	Standing Stone comp=Z,5.7nm,1.5s	30.34	13	eP	P	04 43 30.4	+0.4
N36A	Muff Farm, Cla baz=163,SNR=20	30.47	347	P	P	04 43 29.6	-1.5
T25A	Trinidad baz=143,SNR=15	30.47	331	eP	P	04 43 31.6	+0.1
T25A	Trinidad comp=Z,1nm,0.6s	30.47	331	eP	P	04 43 31.8	+0.3
M39A	Webster baz=169,SNR=17	30.61	352	P	P	04 43 31.0	-1.4
SAM1	Samuel comp=Z,33nm,1.1s	30.63	130	eP	P	04 43 32.2	-0.6
N35A	Tabor baz=162,SNR=42	30.66	346	P	P	04 43 31.6	-1.3
TUC	Tucson comp=Z,5.4nm,0.9s	30.70	317	eP	P	04 43 34.6	+1.2
TUC	Pleasantville baz=167,SNR=26	30.71	350	P	P	04 46 32.4	+2.4
M38A	Brockman Farm, baz=157,SNR=7.4	30.80	342	P	P	04 43 31.8	-1.4
O32A	Oil Creek baz=193,SNR=6.5	30.84	10	P	P	04 43 33.6	-0.8
M54A	Lincoln baz=160,SNR=28	30.85	345	P	P	04 43 33.0	-1.5
M37A	Trindle Farm, baz=165,SNR=18	30.85	349	P	P	04 43 33.3	-1.2
LUPA	Lehigh University comp=Z,1.7nm,0.8s	30.94	17	eP	P	04 43 36.5	+1.2
L41A	Preston baz=172,SNR=28	31.00	354	P	P	04 43 34.3	-1.5
N33A	J Bar K, Exete baz=159	31.01	344	P	P	04 43 34.7	-1.1
O31A	Woolen Ranch, baz=153,SNR=8.9	31.03	341	P	P	04 43 35.1	-1.0
M36A	Felix, Anita baz=164,SNR=26	31.05	348	P	P	04 43 34.8	-1.4
L40A	Anamosa baz=171,SNR=43	31.07	353	P	P	04 43 34.7	-1.6
N59A	State Game Lan baz=201,SNR=30	31.13	16	P	P	04 43 37.1	+0.1
AAM	Ann Arbor comp=Z,7.7nm,1.4s	31.13	4	eP	P	04 43 36.8	-0.2
L39A	Vinton baz=168,SNR=14	31.22	353	P	P	04 43 35.9	-1.9
KSC0	Kaye Shedlock' comp=Z,2.1nm,0.6s	31.23	335	eP	P	04 43 36.5	-1.6
KSC0	Kaye Shedlock' baz=148	31.23	335	eP	P	04 43 38.0	-0.1
M35A	Neola baz=162	31.25	347	P	P	04 43 36.4	-1.7
N32A	Stulken Farm, baz=157	31.27	343	P	P	04 43 36.7	-1.5
ERPA	Erie comp=Z,8.1nm,0.8s	31.38	9	eP	P	04 43 39.2	+0.1
L38A	Oak Wood Farm, baz=168,SNR=19	31.38	351	P	P	04 43 37.4	-1.7
SDCO	Great Sand Dun baz=142,SNR=68	31.48	330	P	P	04 43 39.8	-0.6
SDCO	Great Sand Dun comp=Z,1.6nm,0.6s	31.48	330	eP	P	04 43 40.8	+0.4
SDCO	Phoenix Point, baz=166,SNR=14	31.50	350	P	P	04 46 32.4	+0.2
L37A	Phoenix Point, baz=166,SNR=14	31.50	350	P	P	04 43 38.5	-1.7
M34A	Aspy Farms, Fr baz=161	31.50	345	P	P	04 43 39.0	-1.2
K41A	Shultsberg baz=173,SNR=27	31.51	351	P	P	04 43 38.6	-1.6
N31A	Bailey Ranch, baz=156	31.52	342	P	P	04 43 39.2	-1.3
X18A	Snowflake comp=Z,3.5nm,0.8s	31.58	321	eP	P	04 43 42.8	+1.5
ODNJ	Ogdensburg comp=Z,6.8nm,0.8s	31.61	17	eP	P	04 43 41.8	+0.6
L36A	Harm Buss Farm baz=164,SNR=27	31.64	348	P	P	04 43 39.9	-1.6
K40A	Colesburg baz=171,SNR=18	31.73	15	eP	P	04 43 40.1	-1.8
KSPA	Keystone Colle comp=Z,2.1nm,0.9s	31.73	15	eP	P	04 43 43.0	+0.8
PAL	Palisade comp=Z,12nm,0.8s	31.75	18	eP	P	04 43 43.0	+0.7
K39A	Oelwein baz=170,SNR=34	31.78	352	P	P	04 43 40.8	-1.9
JFWS	Jewell Farm comp=Z,6.7nm,0.8s	31.81	355	eP	P	04 43 41.3	-1.6
BGNE	Belgrade baz=158	31.82	343	P	P	04 43 41.8	-1.3
BGNE	Belgrade comp=Z,7.6nm,0.6s	31.82	343	eP	P	04 43 43.0	-0.1
L35A	Bielow Farm, R baz=163	31.84	347	P	P	04 43 41.5	-1.7
W18A	Petrified Fore baz=133	31.84	322	P	P	04 43 44.0	+0.4
W18A	Petrified Fore comp=Z,2.4nm,0.7s	31.84	322	eP	P	04 43 43.8	+0.3
K38A	Parkersburg baz=168,SNR=19	31.85	351	P	P	04 43 41.6	-1.6
214A	Organ Pipe Nat baz=124	31.88	315	P	P	04 43 43.1	-0.5
L34A	Svendens Farm, baz=161	31.89	346	P	P	04 43 41.6	-2.0
M31A	Lambrecht Ranc baz=156,SNR=6.3	32.00	342	P	P	04 43 43.8	-0.9
K37A	Belmond baz=167,SNR=80	32.00	350	P	P	04 44 40.1	-1.5
K36A	Gilmore City baz=165	32.12	349	P	P	04 43 44.2	-1.4
S22A	4UR Ranch, Cre baz=140	32.14	329	P	P	04 43 46.6	+0.5
S22A	4UR Ranch, Cre comp=Z,1.1nm,0.8s	32.14	329	eP	P	04 46 36.8	+2.8
S22A	4UR Ranch, Cre comp=Z,1.1nm,0.8s	32.14	329	eP	P	04 43 46.7	+0.5
J41A	Loganville baz=173,SNR=29	32.24	355	P	P	04 43 45.4	-1.3
BINY	Binghamton comp=Z,5.5nm,0.8s	32.28	15	eP	P	04 43 47.4	+0.3
L33A	Hoskins baz=160,SNR=8.7	32.29	345	P	P	04 43 45.8	-1.4
J40A	Soldiers Grove baz=172,SNR=41	32.33	354	P	P	04 43 45.6	-1.9
L32A	Elgin baz=158	32.34	344	P	P	04 43 46.5	-1.1
MMNY	Mt. Morris Dam comp=Z,2nm,0.8s	32.35	12	eP	P	04 43 47.0	0.0
K35A	Storm Lake baz=164,SNR=9.5	32.35	348	P	P	04 43 46.0	-1.7
J39A	Decorah baz=170,SNR=36	32.38	353	P	P	04 43 45.8	-2.1
X16A	Lo Mia Camp, P comp=Z,12nm,0.8s	32.44	320	eP	P	04 43 50.0	+1.2
J38A	Wedel Dairy, R baz=169,SNR=28	32.46	352	P	P	04 43 46.6	-2.0
K34A	Le Mars baz=162	32.51	347	P	P	04 43 47.7	-1.3
MVCO	Mesa Verde baz=137,SNR=24	32.61	326	P	P	04 43 49.8	-0.5
MVCO	Mesa Verde comp=Z,1.7nm,0.8s	32.61	326	eP	P	04 43 50.7	+0.4
MVCO	Redenius Farm, baz=167,SNR=13	32.62	350	P	P	04 46 36.8	+1.5
J37A	Redenius Farm, baz=167,SNR=13	32.62	350	P	P	04 43 48.5	-1.5
K33A	Hardington baz=161,SNR=5.1	32.64	346	P	P	04 43 48.7	-1.6
OGNE	Ogallala baz=151	32.67	338	P	P	04 43 49.4	-1.2
L31A	Butterfield Fa baz=157	32.73	343	P	P	04 43 49.3	-1.7
J36A	Seneca I, Swea baz=166,SNR=44	32.77	349	P	P	04 43 49.7	-1.6
LPAZ	La Paz comp=Z,1.3nm,0.9s,baz=302,slow=6.9,SNR=3.4	32.78	146	P	P	04 43 55.8	+3.4
LPAZ	La Paz comp=Z,1.3nm,0.9s,baz=302,slow=6.9,SNR=3.4	32.81	355	P	LR	04 57 51.2	
I40A	North Canyon baz=172	32.81	355	P	P	04 43 50.0	-1.7
I39A	Houston baz=171	32.87	353	P	P	04 43 50.5	-1.7
I41A	Arkdale baz=174	32.92	356	P	P	04 43 50.9	-1.7
K32A	Verdigre baz=159,SNR=11	32.94	344	P	P	04 43 51.0	-1.8
J35A	Milford baz=164	32.97	348	P	P	04 43 50.5	-2.6
J34A	George baz=163	33.05	347	P	P	04 43 51.9	-1.8
WUAZ	Wupatki baz=131,SNR=8.2	33.11	321	P	P	04 43 55.2	+0.6
WUAZ	Wupatki comp=Z,1.2nm,0.9s	33.11	321	eP	P	04 43 56.1	+1.5
WUAZ	Wupatki comp=Z,1.2nm,0.9s	33.12	343	eP	P	04 46 38.4	+1.9
K31A	O'Neill baz=158,SNR=10	33.12	343	P	P	04 43 53.2	-1.2
I38A	Scanlan Farm, baz=169,SNR=19	33.15	352	P	P	04 43 52.5	-2.1
ISCO	Idaho Springs baz=144,SNR=7.7	33.17	333	P	P	04 43 54.7	-0.5
ISCO	Idaho Springs comp=Z,2.6nm,1.8s	33.17	333	eP	P	04 43 55.4	+0.1
ISCO	Lemond, Waseca baz=168,SNR=20	33.28	351	P	P	04 46 39.3	+2.5
I37A	Lemond, Waseca baz=168,SNR=20	33.28	351	P	P	04 43 54.0	-1.7
J33A	Davis baz=161	33.31	346	P	P	04 43 54.3	-1.7
PV01	Paradox Valley Fitzsimmons Fa baz=165	33.33	327	eP	P	04 43 57.0	+0.4
I36A	Paradox Valley Fitzsimmons Fa baz=165	33.38	350	P	P	04 43 54.8	-1.8
I35A	Creekview Farm baz=165	33.40	349	P	P	04 43 54.9	-1.8
TRY	Troy comp=Z,5.1nm,0.9s	33.40	17	eP	P	04 43 57.7	+0.9
H40A	Chili baz=173	33.52	355	P	P	04 43 55.9	-1.9
J32A	Parkston baz=160,SNR=6.2	33.57	345	P	P	04 43 56.3	-2.0
PV05	Paradox Valley GLMI comp=Z,3.1nm,1.5s	33.57	327	eP	P	04 43 58.8	+0.1
GLMI	Paradox Valley GLMI comp=Z,3.1nm,1.5s	33.59	2	eP	P	04 43 57.3	-1.2
ECSD	EROS Data Cent baz=162,SNR=60	33.62	347	P	P	04 43 56.6	-2.1
ECSD	EROS Data Cent comp=Z,2.1nm,0.9s	33.62	347	eP	P	04 43 56.9	-1.8
ECSD	EROS Data Cent comp=Z,2.1nm,0.9s	33.62	347	eP	P	04 46 38.1	+0.5
PV04	Paradox Valley comp=Z,2.1nm,0.9s	33.70	327	eP	P	04 44 00.0	+0.3
PV04	Paradox Valley comp=Z,2.1nm,0.9s	33.70	327	eP	P	04 46 39.9	+1.4
J31A	Geddes baz=158	33.73	344	P	P	04 43 57.9	-1.8
I34A	Hadley baz=163	33.75	348	P	P	04 43 58.1	-1.7
PV10	Paradox Valley Paradox Farm, C baz=168	33.76	327	eP	P	04 44 00.2	-0.1
H37A	Paradox Valley Paradox Farm, C baz=168	33.76	327	eP	P	04 43 58.2	-1.7
GLA	Glamis comp=Z,1.0nm,0.9s	33.90	314	eP	P	04 44 03.3	+2.0
PV09	Paradox Valley Jessenland, He baz=167,SNR=50	33.90	327	eP	P	04 44 02.2	+0.7
H36A	Jessenland, He baz=167,SNR=50	33.91	351	P	P	04 43 59.9	-1.3
I33A	Coleman baz=162	33.96	347	P	P	04 43 59.7	-1.9
J30A	Dallas baz=157,SNR=14	33.97	343	P	P	04 44 00.5	-1.3
I32A	Karley and Nic baz=160	34.09	346	P	P	04 44 00.5	-2.3
PDMC	Perker Dam, Lak baz=156,SNR=7.9	34.14	317	P	P	04 44 03.0	-0.3
H35A	Sunnyside Ranc baz=165,SNR=54	34.18	349	P	P	04 44 01.7	-1.8
N23A	Red Feather La baz=144,SNR=7.4	34.21	333	P	P	04 44 03.4	-0.8
N23A	Red Feather La comp=Z,5.9nm,0.8s	34.21	333	e			

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like 331A Greenbush Farm, 331B Vestal, Richgr, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like D08A Wollman Farm, G05D Wamic, OR, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like TT01 Tatalina, TTA Tatalina, SDPT San Point, etc.

NIED 12 04:50:00, 35:50N, 141:20E, h35km Mw4.2 Best double couple: M2.03000-0.1015, N13:1823.00000, S30.00000, L175.00000, NP2:217.00000, S88.00000, L60.00000. ISCJB 12 04:50:23.0, 0.6, 35.54N, 140.41E, 0.06, h33km, mb3.9/12, Error ellipse: s-maj=7.5km s-min=5.7km az=179.8

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like CH0J Chosi, CH0J Choj, etc.

12d 6h

Table with columns: TRD, HYB, NGP, NGP, NGP. Includes station names like Trivandrum, Hyderabad, Nagpur and various parameters like Azimuth, Elevation, and SNR.

VIE 12 06:14:18.9-0.9, 45.76N-16.54E, h10km, mb1.6/1, ML1.9/5, Error ellipse: s-maj=5.5km s-min=3.3km az=100.0

CSEM 12 06:14:19.6-0.4, 45.67N-16.50E, h10km, ML2.5/8, Error ellipse: s-maj=7.4km s-min=3.7km az=80.0

LJU 12 06:14:19.7, 45.66N-16.47E, h10km, ML1.7

ISC 12 06:14:20.4-1.1, 45.67N-16.47E, h10km, 0.05, h15km, 8km, n27, c0967/44, 2C, Northwestern Balkan Peninsula

Main station list table for the first section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and ISC.

ISK 12 06:19:21.9, 39.13N-28.95E, h10km, ML2.4

ISCJB 12 06:19:22.3, 0.5, 39.13N-28.99E, h10km, 6km, Error ellipse: s-maj=8.7km s-min=7.0km az=33.7

CSEM 12 06:19:22.4, 0.1, 39.13N-28.97E, h9km, ML2.4, Error ellipse: s-maj=2.4km s-min=2.0km az=84.0

DDA 12 06:19:26.5, 38.96N-28.71E, h7km, Md2.5

ISC 12 06:19:22.2, 0.9, 39.12N-28.98E, h12km, 5km, n25, c1923/31, Turkey

Main station list table for the second section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and ISC.

IDC 12 06:36:47.4-1.8, 17.63S-167.37E, h0km, mb3.9/4, mb1.4/1.5, mb1mx3.7/3.4, mbtmp3.9/5, ML3.8/1, M53.0/1, Me1.3/0.1, ms1mx2.6/2.8, Error ellipse: s-maj=53.3km s-min=29.5km az=129.0, Vanuatu Islands

Main station list table for the third section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and ISC.

NEIC 12 06:37:41.6, 66.25N-142.17W, h12km, ML3.0(AEIC), After AEIC

PGC 12 06:37:43.2, 0.1, 66.21N-142.19W, h15km, ML3.3/5, 271km northwest of Dawson, YT Northern Alaska

ISC 12 06:37:40.0-1.4, 66.24N-142.11W, 0.03, h1km, 11km, n55, c211/81, Northern Alaska

Main station list table for the fourth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and ISC.

DDA 12 06:40:49.5, 35.16N-27.62E, h7km, Md3.2

ATH 12 06:40:53.3, 35.24N-27.84E, h8km, 3km, ML2.6/3, Error ellipse: s-maj=3.9km s-min=1.7km az=94.0

CSEM 12 06:40:56.2, 0.3, 35.44N-27.0E, h10km, ML2.6, Error ellipse: s-maj=10.2km s-min=4.1km az=155.0

ISC 12 06:41:14.8, 36.63N-29.22E, h5km, ML2.3

ISC 12 06:41:05.4, 0.1, 35.35N-27.86E, h15km, 10km, n32, c1935/48, Dodecanese Islands

Main station list table for the fifth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and ISC.

Table with columns: DNZL, KORT, KORT, IMMV, IMMV, SUTC, SUTC, SUTC. Includes station names like Korkuelli, Iera Moni Meta, Sulfuce-Ispart and various parameters.

IDC 12 06:45:18.9-1.0, 56.16N-163.35E, h0km, mb3.9/5, mb1.4/2.6, mb1mx3.6/4.1, mbtmp3.9/6, ML3.0/1, M53.0/1, Ms1.3/0.4, ms1mx2.6/2.8, Error ellipse: s-maj=81.8km s-min=16.6km az=146.0

KSC 12 06:45:20.2, 1.1, 55.82N-163.91E, h61km, 22km, ML4.5

MROS 12 06:45:22.0-0.9, 55.81N-163.91E, h35km, 0.4, 0.5, Error ellipse: s-maj=8.6km s-min=6.3km az=48.3

ISC 12 06:45:19.6-3.4, 55.85N-163.90E, h0.03, h7km, 22km, n78, c126/89, mb4.0/5, Off east coast of Kamchatka Peninsula

Main station list table for the sixth section, including columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and ISC.

KSCO	Kaye Shedlock	61.53 333	P	P	09 22 17.7 +0.4
M33A	Taylor Creek F	61.59 339	P	P	09 22 17.5 0.0
K36A	Gilmore City	61.65 341	P	P	09 22 17.7 -0.1
SDCO	Great Sand Dun	61.82 330	P	P	09 22 19.7 +0.3
SDCO	Great Sand Dun	61.82 330	eP	P	09 22 20.2 +0.8
184A	Scanlan Farm	62.32 344	P	P	09 22 21.9 -0.3
X16A	Lo Mia Camp P	62.41 324	eP	P	09 22 24.8 +1.5
S22A	4UR Ranch, Cre	62.46 329	P	P	09 22 23.8 +0.1
I35A	Creekview Farm	62.91 341	P	P	09 22 26.2 -0.1
J33A	Davis	63.07 340	P	P	09 22 27.1 -0.2
H36A	Jessenland, He	63.26 343	P	P	09 22 28.6 +0.1
ECSD	EROS Data Cent	63.32 340	P	P	09 22 29.4 +0.4
ECSD	EROS Data Cent	63.32 340	eP	P	09 22 28.9 -0.1
I32A	Hadley	63.35 341	P	P	09 22 29.7 +0.5
J34A	Parkston	63.41 339	P	P	09 22 29.2 +0.2
GLA	Glamis	63.46 320	P	P	09 22 30.6 +0.5
ISCO	Idaho Springs	63.51 332	P	P	09 22 31.2 +0.6
ISCO	Idaho Springs	63.51 332	eP	P	09 22 31.8 +1.1
SPMN	Marine on St.	63.54 344	P	P	09 22 30.5 +0.2
PV01	Paradox Valley	63.63 328	eP	P	09 22 32.4 +1.0
H35A	Sunnyside Ranc	63.63 342	P	P	09 22 30.9 -0.1
SMCO	Snowmass	63.66 330	eP	P	09 22 33.1 +1.4
G35A	Watkins	64.01 342	P	P	09 22 33.1 -0.3
H33A	Prehn Over Nor	64.21 341	P	P	09 22 35.2 +0.4
I31A	Royce, Wessing	64.23 339	P	P	09 22 35.5 +0.5
H32A	Carlson Farm,	64.28 340	P	P	09 22 36.0 +0.8
F36A	Milaca	64.32 343	P	P	09 22 35.8 +0.3
IRM	Iron Mountain	64.41 321	P	P	09 22 37.1 +0.8
N23A	Red Feather La	64.54 332	P	P	09 22 37.4 0.0
F35A	Swanville	64.61 343	P	P	09 22 37.0 -0.4
E36A	McGregor	64.66 344	P	P	09 22 39.3 +0.3
KNB	Kanab	65.06 325	eP	P	09 22 42.8 +2.1
F33A	5 Mile Ranch,	65.11 342	P	P	09 22 40.7 +0.1
GMRC	Granite Mounta	65.14 321	P	P	09 22 42.3 +1.1
G31A	Conde	65.17 340	P	P	09 22 41.2 +0.2
E35A	Pequot Lakes	65.21 343	P	P	09 22 41.4 +0.2
D37A	Cotton	65.23 345	P	P	09 22 41.6 +0.2
C39A	Grand Marais	65.31 347	P	P	09 22 42.0 +0.2
MTPU	Mount Pierson	65.45 326	eP	P	09 22 44.6 +1.2
E33A	Westby DABS, E	65.62 342	P	P	09 22 44.1 +0.2
C37A	Embarrass	65.70 345	P	P	09 22 44.3 -0.1
CCUT	Cedar City	65.74 325	eP	P	09 22 47.1 +1.8
EYMN	Ely	65.74 346	P	P	09 22 44.5 -0.2
F31A	Hecla	65.74 340	P	P	09 22 45.2 +0.4
C36A	Pine Crest Far	65.89 345	P	P	09 22 45.7 0.0
C35A	Jirik Farms, M	66.14 344	P	P	09 22 46.7 -0.6
K22A	Casper	66.21 333	P	P	09 22 47.5 -0.5
K22A	Casper	66.21 333	eP	P	09 22 48.4 +0.4
C34A	RKJ Ranch, 1.1	66.34 343	P	P	09 22 48.6 0.0
EDW2	Edwards Air Fo	66.64 320	P	P	09 22 51.4 +0.6
B35A	Bob, Littlefor	66.68 344	P	P	09 22 50.5 -0.2
C33A	Trail	66.69 343	P	P	09 22 50.4 -0.3
TPNV	Topopah Spring	66.97 323	P	P	09 22 53.6 +0.6
TPNV	Topopah Spring	66.97 323	eP	P	09 22 54.9 +1.9
FURC	Furnace Creek,	67.00 322	P	P	09 22 53.9 +1.0
B34A	Aery, Baudette	67.04 344	P	P	09 22 53.0 +0.1
B33A	Robert and Kas	67.10 343	P	P	09 22 53.4 +0.1
AGMN	Agassiz Nation	67.20 340	P	P	09 22 54.2 +0.2
AGMN	Agassiz Nation	67.20 343	eP	P	09 22 54.2 +0.2
C31A	Landman Farms,	67.30 341	P	P	09 22 55.1 +0.4
DUG	Dugway, Tooele	67.35 327	P	P	09 22 55.9 +0.6
B32A	Ashes, Strandq	67.48 343	P	P	09 22 55.9 +0.1
R11A	Troy Canyon,	67.55 324	P	P	09 22 57.9 +1.3
R11A	Troy Canyon, C	67.55 324	eP	P	09 22 58.0 +1.3
A33A	Warroad	67.65 344	P	P	09 22 56.4 -0.4
BW06	Boulder Array	67.68 331	P	P	09 22 58.1 +0.6
BW06	Boulder Array	67.68 331	eP	P	09 22 57.9 +0.4
PD31	Pinedale Array	67.68 331	eP	P	09 22 58.3 +0.8
PDAR	Pinedale Array	67.68 331	P	P	09 22 58.0 +0.5
PDAR	comp=E,42nm,18.8s,baz=148,slo=38		LR		09 54 39.8
B31A	Greenbush Farm	67.83 342	P	P	09 22 58.3 +0.3
SNA4	Sanac	68.65 161	eP	P	09 23 04.2 +1.2
ULM	Lac du Bonnet	68.98 344	P	P	09 23 04.7 +0.5
ULM	comp=E,43nm,19.1s,baz=277,slo=88		LR		09 55 44.6
FXWY	Fox Creek	69.03 331	eP	P	09 23 06.8 +0.8
IMW	Indian Meadow	69.19 331	eP	P	09 23 07.4 +0.4
FLWY	Flagg Ranch	69.22 331	eP	P	09 23 08.4 +1.3
DGMT	Dagmar	69.50 338	P	P	09 23 12.5 +0.6
DBIC	Dimboko	70.08 77	LR		09 51 59.6
SCHO	Schefferville	70.42 3	LR		09 54 51.1
BLID	Halley	70.62 329	P	P	09 23 15.8 +0.1
H02	Bozeman (W)	70.80 332	P	P	09 23 17.1 +0.4
BOZ	Bozeman (W)	70.80 332	eP	P	09 23 17.6 +1.0
MFID	Camas Ranch	71.23 328	eP	P	09 23 20.8 +1.4
MSO	Missoula	72.79 331	P	P	09 23 29.0 +0.5
TOA1	Torodi Ar. Sit	78.31 73	eP	P	09 23 59.9 -0.8

TOA0	Torodi Ar. Sit	78.31 73	eP	P	09 24 01.4 +0.6
TORD	Torodi Ar. Bea	78.31 73	P	P	09 23 59.9 -0.9
VNDA	Vanda	81.99 190	P	P	09 24 24.3 +4.8
VNDA	comp=E,1.9nm,1.1s,baz=136,slo=5.6,SNR=6.0		LR		09 53 14.2
VNDA	comp=E,49nm,20.6s,baz=124,slo=30		LR		09 54 18.0 -6.4
SYO	Syowa	82.90 1601	eX	P	09 24 34.2 +0.1
YKA	Yellowknife Ar	84.81 342	P	P	09 24 34.2 +0.1
YKBS	Yellowknife Ar	84.81 342	eP	P	09 24 34.4 +0.3
BOSA	Boshof	88.77 119	LR		10 01 14.1
MAW	Mawson	90.66 164	P	P	09 25 02.7 +0.4
MAW	comp=E,1.7nm,0.9s,baz=227,slo=10.0,SNR=2.3		LR		10 06 50.8
MAW	comp=E,57nm,18.4s,baz=244,slo=36		LR		09 25 01.7 -0.7
MAW	comp=E,2.6nm,1.6s		LR		09 25 04.2 +0.6
SUMG	Summit	90.86 10	iP	P	09 25 04.2 +0.6
SUMG	comp=E,11nm,0.9s		LR		09 25 04.2 +0.6
SUMG	comp=E,12nm,1.0s		LR		10 07 21.5
KEST	Kesra	92.21 54	LR		10 10 46.4
ILAR	Eielson Array	97.81 335	LR		10 14 46.4
GERES	GERESS Array B	98.89 42	LR		10 07 08.5
GERES	GERESS Array B	98.89 42	LR		09 25 52.6 -2.2
VYHS	Vyhne	102.15 43	eP	Pdf	09 31 18.0 +0.8
ASAR	Alice Springs	133.38 213	PKP	PKPpdf	09 31 22.4
ZAA1	Zalesovo Array	137.78 20	ePKPdf	PKPPr	09 31 22.4
ZALV	Zalesovo Beam	137.78 20	PKHP	PKPPr	09 31 22.4
KSH	Kashi	143.34 43	eP	P	09 31 35.7 +0.7
KSH	comp=E,0.6nm,0.4s,baz=300,slo=2.8,SNR=2.6		LR		09 34 46.5 +0.7
KSH	comp=E,0.6nm,0.4s,baz=300,slo=2.8,SNR=2.6		LR		09 35 10.2 -0.6
KSH	comp=E,0.6nm,0.4s,baz=300,slo=2.8,SNR=2.6		LR		09 38 45.1 +0.1
USRK	Ussuriysk Ar.	145.09 329	PKPbc	PKPbc	09 31 37.2 +0.1
USRK	comp=E,0.9nm,0.6s,baz=21,slo=1.2,SNR=2.6		LR		09 31 40.6 0.0
MJAR	Matsushiro Ar	146.10 313	PKPbc	PKPbc	09 31 40.6 0.0
MJAR	comp=E,4.3nm,1.0s,baz=77,slo=1.6,SNR=12		LR		09 31 40.1 +0.4
MAJO	Matsushiro	146.10 313	ePKPdf	PKPbc	09 31 40.7 +0.1
MAJ	Matsushiro	146.10 313	PKP	PKPbc	09 31 41.0 -0.2
MJ9B	Matsu-Tunnel	146.10 313	ePKPdf	PKPbc	09 31 41.0 -0.2
SONA	Songino Array	147.96 2	ePKPbc	PKPbc	09 31 46.4 +0.8
SONA	Songino Array	147.96 2	ePKPbc	PKPbc	09 31 46.5 +0.8
SONM	Songino Array	147.96 2	PKPbc	PKPbc	09 31 46.5 +0.8
KSR5	Korea Array	152.09 325	PKPbc	PKPbc	09 31 56.2 +0.4
KSR5	comp=E,2.6nm,0.9s,baz=29,slo=1.5,SNR=12		LR		09 32 06.6 +1.3
LZH	Lanzhou	159.39 10	ePKP	PKPpdf	09 32 08.4 +6.1
LZH	comp=E,2.6nm,0.9s,baz=29,slo=1.5,SNR=12		LR		09 32 12.4
LZH	comp=E,2.6nm,0.9s,baz=29,slo=1.5,SNR=12		LR		09 32 37.4 +0.8
LZH	comp=E,2.6nm,0.9s,baz=29,slo=1.5,SNR=12		LR		09 35 25.3 -7.5
LZH	comp=E,2.6nm,0.9s,baz=29,slo=1.5,SNR=12		LR		09 36 13.5 -3.1
LZH	comp=E,2.6nm,0.9s,baz=29,slo=1.5,SNR=12		LR		09 38 52.1 -1.3

MEX 12 09:12:17.5:0.4, 18:30N x 102.73W, h30km, MD3.9,

Michoacan									
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h	s
MMIG	Aquila	0.59	269	eS	Pb	09 12 27.6	-1.8		
MMIG	Aquila	0.59	269	eS	Sb	09 12 35.2	-2.3		
ZIIG	Zihuatanejo	1.39	120	eS	Pn	09 12 38.7	-2.1		
ZIIG	Zihuatanejo	1.43	125	eS	Pn	09 12 55.1	-3.0		
PEZV	Pezevan	1.47	102	eS	Pn	09 12 46.4	+0.8		
EZSV	El Zacoalco	1.47	306	eS	Pn	09 12 56.6	-3.1		
R15V	Rivera	1.47	306	eS	Pn	09 12 39.6	-2.5		
R15V	Rivera	1.47	306	eS	Pn	09 12 57.0	-3.3		

ISCJB 12 09:27:30.3:0.6,3:12N:0.04x128:17E:0.04,h120km,6km, mb4,6/64, Error ellipse: s-maj=7.6km s-min=4.5km

IDC 12 09:27:31.5:0.8,3:13N:128:25E,h122km,8km,mb4,1/23, mb1 4,1/25,mb1mx4,0/56,mbtmp,4/525,MS3,0/5, Ms1 3,0/5,ms1mx2,7/47,Error ellipse: s-maj=18.6km s-min=8.5km az=74.0

NEIC 12 09:27:32.4:0.8,3:07N:128:14E,h127km,8km,mb4,6/34, Error ellipse: s-maj=7.3km s-min=4.6km az=62.0

DJA 12 09:27:34.0:0.7,3:13N:128:13E,h65km,10km,M5,0/8, mb5,0/8,mb5,2/8,MLV5,4/4,Mw(mb)4,6/8

ISC 12 09:27:32.4:0.5,3:00N:0.05x128:13E:0.05,h127km,4km, h126km-pP,n125,e145/140,mb4,6/63,1D,North of Hatmaera

Hatmaera									
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h	s
SGSI	Sanghie	2.69	285	P	Pn	09 28 13.0	-1.8		
SGSI	Sanghie	2.69	285	S	Pn	09 28 45.6	-1.9		
LBMI	Labuha	3.67	190	P	Pn	09 28 27.0	-0.7		
KMSI	Cibinong	4.80	240	P	Pn	09 28 43.6	+0.2		
SWI	Sorong	4.95	141	P	Pn	09 28 46.1	+1.3		
SWI	Sorong	4.95	141	S	Pn	09 28 45.9	+1.0		
SJIJ	Sorong	4.96	141	P	Pn	09 29 40.2	-1.2		
SJIJ	14nm,0.3s,baz=89,slo=23,SNR=1.4								
SANI	Sanana	5.46	203	P	Pn	09 28 51.3	-0.3		
SANI	Sanana	5.46	203	S	Pn	09 29 48.5	-4.9		
GTOI	Gorontalo	5.63	245	P	Pn	09 28 53.9	-0.1		
CTBH	Cotabato-PC H	5.71	317	iP	Pn	09 28 51.7	-3.2		
NLAI	Namlea	6.29	189	P	Pn	09 29 04.2	+1.5		
MSAI	Masohi	6.36	173	P	Pn	09 29 05.3	+1.6		
MRSI	Marisa	6.68	248	P	Pn	09 29 09.4	+1.4		
LUWI	Luwuk	6.70	233	P	Pn	09 29 08.6	+0.3		
LUWI	221nm,0.7s,4um								
LWUI	Luwu	6.70	233	ePn	Pn	09 29 07.5	-0.8		
FAKI	Fak Fak	7.18	145	P	Pn	09 29 16.4	+1.6		
FAKI	Fak Fak	7.18	145	ePn	Pn	09 29 15.8	+1.0		
KDI	Kendari	8.84	219	P	Pn	09 29 37.3	+0.1		
PCI	Palu	9.16	245	P	Pn	09 29 42.3	+0.8		
MYLD	Lahad Datu	9.85	283	ePn	Pn	09 29 52.4	+1.6		
ITSI	Tana Toraja	10.26	234	P	Pn	09 29 55.6	-0.6		
KAPI	Kappang	11.56	226	P	Pn	09 30 13.8	+0.2		
KAPI	4.4nm,0.3s,baz=159,slo=2.5,SNR=8.9								
KAPI	S								

12d 10h

Table with columns for object name, coordinates, magnitude, and other parameters. Includes objects like KLR, HHC, LZH, PEAO, PETK, etc.

2011 AUG

Table with columns for object name, coordinates, magnitude, and other parameters. Includes objects like SVW2, NVS, TT01, CNPM, KURK, etc.

562

Table with columns for object name, coordinates, magnitude, and other parameters. Includes objects like BRG, CLL, CONA, ARSA, PLCA, etc.

12d 13h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Tokai 4, Kozu shima, Oshima 3, Adawara 2, Shimob, Tokai 2, Miyakejima3, Matushiro.

KRSC 12 12:23:36.9-1.8, 54.74N, 165.67E, h21km, 14km, ML3.9, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Bering, Krotobogovogo, Mys Kozlova, Semkarok, Sorokina, Tumrok, Kamenistaya, Mys Shipunski, Sedlovina, Somma, Ugllovaya, Koryakskii, Avacha, Dalny, Ganaly, Russkaya, Karymshinskiy, Asacha.

MEX 12 12:26:58.4-0.6, 17.11N-99.84W, h36km, 15km, MD3.8, Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Acapulco, Acapulco, El Cayaco, Mezcala, Tlapa.

ISCJB 12 12:35:53.2-0.8, 24.30S-0.08, 179.9E-0.2, h517km, mb3.6/10, Error ellipse: s-maj=18.4km s-min=10.8km

ISC 12 12:35:56.1-1.7, 24.28S-179.75E, h36km, 17km, mb3.3/10, mb1.3.5/2, mb1mx3.3/28, mbtmp4.2/12, Error ellipse: s-maj=30.6km s-min=13.7km az=152.0

ISC 12 12:35:53.8-0.8, 24.4AS-0.1, 179.9E-0.1, h517km, n17, r=152/17, mb3.7/10, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Mont Dzumac, Afiamalu, Urewera, Stephens Creek, Alice Springs, Warrungarra Arr, WRA, MJAR, KSRS, PETK, CMAR, TXAR, ILAR, FINES, NB2, NOA, AKASG.

SJA 12 12:39:56.6-1.3, 25.95S-66.31W, h4km, ML3.5, MW3.5, Saïta Province

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Cafayete, Horco Molle, San Lorenzo, Zapla, Choya, Humahuaca, Vinchina, Yavi, GUANDACOL, Valle Fertil.

2011 AUG

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ACHE Chepes, Tanti, TCA, MRA.

IDC 12 12:47:14.3-48.0, 16.44S-177.84W, h0km, mb3.9/3, mb1.4/1.3, mb1mx3.6/32, mbtmp3.9/3, Error ellipse: s-maj=886.4km s-min=160.1km az=77.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Stephens Creek, WRA, ASAR.

IDC 12 13:06:02.3-5.1, 49.55S-110.64E, h0km, mb4.0/2, mb1.4/3.2, mb1mx3.6/32, mbtmp4.0/2, M53.3/4, Ms1.3.2/4, ms1mx3.0/26, Error ellipse: s-maj=223.1km s-min=49.8km az=112.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Cape Leeuwin H, Cape Leeuwin H, Cape Leeuwin H, Narrogin (SRO), Stens Creek, MAW, ASAR, WRA, TXAR.

ISCJB 12 13:06:09.8-0.4, 44.20N-103.11-94E-0.06, h26km, 5km, Error ellipse: s-maj=7.2km s-min=4.8km az=149.5

CSEM 12 13:06:09.3-0.3, 44.26N-11.99E, h10km, MD2.5, Error ellipse: s-maj=6.2km s-min=5.0km az=85.0

ROM 12 13:06:10.6-0.2, 44.16N-11.99E, h8km, 2km, MD2.5/11, M11.9/8, Error ellipse: s-maj=2.5km s-min=1.7km az=40.0

ISC 12 13:06:10.1-0.9, 44.18N-11.90E, h25km, 7km, n39, r=61/54, Northern Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Imola, Italy, Santa Sofia, Localit' San, Vicchio, Monterenzio, ASQU, Scarperia, Carpegna, Cre, Badi, ATPC, MPAG, ATVO, BDI, Bagni Di Lucca, Teolo, Cima Grappa, Novalja, Abfaltersbach, Obir, Molin, Bly, Banja Luka, Udbina, Ubbina, Mirkovica, MRAK.

BEO 12 13:08:50.9-0.4, 43.63N-16.84E, h0km, M2.7/8, PDG 12 13:08:50.4-0.3, 43.68N-16.85E, h1km, 1km, ML3.0/12, Error ellipse: s-maj=0.7km s-min=1.5km az=0.0

CSEM 12 13:08:51.3-0.2, 43.65N-16.86E, h2km, ML2.7, Error ellipse: s-maj=6.9km s-min=2.7km az=41.0

ISC 12 13:08:51.2-1.2, 43.64N-16.82E-0.03, h5km, 10km, n17, r=1800/136, 15C-7D, Northwestern Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Banja Luka, Udbina, Ubbina, Mirkovica, MRAK.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Trebinje, Herceg Novi, Niksic, Cevo, Lazij#263;i, Podgorica, Bojanci, Ouzalj, Dracevica, Mon, Divibare, Berane, Gornja Briga, Cresnjevi, Ivanjica, Ivanjica, Ulcinj, Ulcinj, Plav, Fruska Gora, Fruska Gora, Fruska Gora, Trudelj, Trudelj, Selova, Selova, Arzberg, Arzberg, Arzberg, Barje, Barje, Zags, Zags, KBA, ZAPS, CONA, CONA, MOA, MOA, VYHS, VYHS, VYHS, VYHS.

CSEM 12 13:28:10.3, 38.60N-29.93W, h10km, ML2.8, PDA 12 13:28:10.3-0.8, 38.60N-29.93W, h10km, MD3.5, ML2.8, Error ellipse: s-maj=22.4km s-min=8.3km az=2.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Cedros, Horta, Cedros, Horta, Gandelaria, Pico, Pico.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DBBC Dabela, SDV Santo Domingo, TOLC Tolima, etc.

IDC 12 14:21:37.6;2.1, 14:20Sx167.77E, h0km, mb3.5/4, mb1.3/5, mb1mx3.6/29, mbtmp3.6/5, ML4.1/1, MWS3.0/1, M13.0/1, ms1mx2.4/21, Error ellipse: s-maj=59.0km s-min=33.5km az=123.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dumac, DZM 2.7nm, 0.3s, bsz=316, slow=3.2, SNR=19, etc.

GUC 12 14:32:45.1±0.6, 17.67Sx69.60W, h157km±4km, ML3.6, 5D, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB13 IPOC Station P, PB13 0.67 172j/P, etc.

GUC 12 14:44:30.6±0.4, 24.97Sx68.97W, h99km±14km, ML3.7, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB14 IPOC Station P, PB14 1.35 284 eP, etc.

ISN 12 15:53:09.6±0.3, 37.32Nk42.70E, h0km, ML2.6

CSEM 12 15:53:12.7±0.9, 37.32Nk42.78E, h2km, MD2.6, Error ellipse: s-maj=39.4km s-min=5.4km az=53.0

ISK 12 15:53:13.2, 37.31Nk42.61E, h5km, MD2.6, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIRT Sirmak, SIRT 0.24 325 eP, etc.

IDC 12 15:53:53.7±3.9, 0.77Sx133.08E, h0km, mb3.8/2, mb1.3/9.4, mb1mx3.5/36, mbtmp3.7/4, ML3.7/2, Error ellipse: s-maj=54.9km s-min=23.6km az=36.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SJUI Sorong, SJUI 1.81 267 Pn, etc.

NIED 12 15:59:00, 37.70Nk141.90E, h8km, Mw3.6 Best double couple: Mo2.390000x1014 NP1±292.00000°, 827.00000°, λ-116.00000°. NP2±141.00000°, 866.00000°, λ-78.00000°

IDC 12 15:59:49.5±1.1, 37.60Nk142.19E, h0km, mb3.6/5, mb1.3/8.8, mb1mx3.5/46, mbtmp3.6/8, ML3.5/2, Error ellipse: s-maj=30.2km s-min=19.8km az=113.0

JMA 12 15:59:50.6±0.1, 37.67Nk141.91E, h2km±2km, M3.9

ISC 12 15:59:59.7±2.0, 37.67Nk141.92E, 0.07, h4km±11km, n26, λ=120.29, mb3.6/5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JFK Kawauchi, JFK 0.88 250 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMM Iwakimizuishi, JMM 1.06 238 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H112 WAKE ISLAND Hy 28.14 122 T, H112 3.16, slow=76, SNR=192, etc.

NEIC 12 16:18:35.9, 61.64N; 141.22W, h2km, ML2.6(AEIC), After AEIC

PGC 12 16:18:36.7±0.0, 61.65Nk141.18W, h1km, ML2.7/10, 219km Wrrw of Haines Jct., Y2-Southern Alaska

ISC 12 16:18:35.9±1.6, 61.64N; 141.22W, 0.02, h0km±10km, n57, ±0.93/92, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YUK2 White River, YUK2 0.22 44 Op, etc.

ISC 12 16:30:34.8±0.5, 3.29Sx148.73E, h0km, mb4.7/24, mb1.4/8/27, mb1mx4.7/42, mbtmp4.7/27, ML4.1/3, MS4.6/26, MS1.4/7/26, ms1mx4.6/29, Error ellipse: s-maj=18.5km s-min=10.9km az=90.0

ISCJB 12 16:30:35.0±0.2, 3.27Sx148.71E±0.03, h10km, mb5.0/96, MS4.8/58, Error ellipse: s-maj=4.7km s-min=3.3km az=172.9

MOS 12 16:30:35.6±1.3, 3.22Sx148.65E, h14km, mb5.3/20, MS4.7/7, Error ellipse: s-maj=10.8km s-min=6.4km az=96.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Warrungama Arr, ILAR 57.75 188 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUJ 12 16:30:35.2, 3.12Sx148.83E, h10km, mb4.9/61, mb5.0/50, MS5.0/60, MS7.4/8/57, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MANU Manaus Island, MANU 1.85 309 eP, etc.

COEN Coen, COEN 12.04 207 ePn, Pn 16 33 29.9 ±1.0

COEN Honiara, COEN 12.67 120 Pn, Pn 16 33 38.9 ±1.5

PATS Pohnppei, PATS 13.77 44 P, Pn 16 33 56.3 ±3.9

PATS Pohnppei, PATS 13.77 44 ePn, Pn 16 33 52.9 ±0.5

MSU Mount Surprise, MSU 15.47 196 P, Pn 16 34 15.0 ±0.5

CTA Charters Tower, CTA 16.96 188 P, Pn 16 34 34.7 ±0.2

CTA Charters Tower, CTA 16.96 188 eP, Pn 16 34 34.7 ±0.2

GUMU Guam, GUMU 17.14 347 P, Pn 16 34 37.6 ±0.8

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

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GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

GUMU Guam, GUMU 17.14 347 ePn, Pn 16 34 36.7 ±0.1

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like H11N1, H11N3, H11N2, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like SKNT, CHBT, DL2, etc.

Table with columns: Station ID, Name, Frequency, Power, Class, and other technical details. Includes stations like LZH, LNZH, LZH, etc.

12d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, CNPM China Poot, NVS Novosibirsk, KSH Kashi, CAST Castle Rocks, KURK Kurchatov, KURB Kurchatov, FRU Bishkek, AAK Ala-Archa, RND Reindeer, ILAR Eielson Array, NRIK Noril'sk, KAK Karatay Array, EGAK Eagle, DAWY Dawson, MAW Mawson, BRVK Borovoye, INK Inuvik, ABKAR Akbulak array, GEYT Alibek, GEYT Kislodovsk, ARU Arti, ARU S, ARU SS, ARU M, ARU MLR, ARU P, ARU Y, ARU YK, KIV Kislodovsk, OBN Obninsk, OKS Kishinev, OKC Ostrava-Krasne, DPC Dobruska-Polom, UPV Upanka, PVCC Panske, BRG Bergjesshubel, GOPC GO Pecny, Ondr, CLL Colim, NKC Novy Kostel, KHC Kasperske Hory, GHERS Gheras, CPUV Villa Florida, DBIC Dimbokro.

11 AUG ellipse: s-maj=60.4km s-min=46.8km az=141.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, FITZ Fitzroy Crossi, MEX 17:10:27.5, WEL 17:12:51.8, CRLZ Canterbury Las, MOZ McQueen's Vall, OXF Oxford, LTZ Lake Taylor, RPZ Rata Peaks, INZ Inchbonnie, WVZ Waitaha Valley, KHZ Kahutara, LBZ Lake Benmore, FOX Fox Glacier, THZ Tophouse, DSZ Denniston Nort, BSWZ Blackbirch Sta, TUWZ Tuamarina, NNZ Nelson, JAZ Jackson Bay, HHSZ Highcliff Hill, WANAKA Wanaka, QZQ Quartz Range, EAZ Earnsclough, TCW Tory Channel, WEL Wellington, PLWZ Palliser, MSWZ Motikau Station, TUZ Tuapeka, CAW Cannon Point, KIWI Kapiti Island, MSZ Mount Morrison, MSZ Milford Sound, OGWZ Otaki Gorge, SYZ Scrubby Hill, MZ Mangatoinaka R, WHZ Wether Hill Ro, DCZ Deep Cove, ANWZ Angoro Road, TRZ Takaparu Road, PSZ Palmer Road, NWEZ Newall Road, KHEZ Kahui Hut, APZ The Paps, PKZ Pukeiti, VRZ Vera Road, WNVZ Wahianoa, BKZ Black Stump Fm, HIZ Hauri, NIED 12:17:30:00, JMA 12:17:30:1.0, HONSHU Honshu, JTT Ttatey, JNG Nsakai, MAT Matushiro.

MAT Matushiro, JGN Niukaw, JSZ Suzu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEX 17:56:15.3, NIED 12:17:56:00, NEIC 12:17:56:31, ISC 12:17:56:33, ONAJ Iwakimizuishiy, JFK Kawachi, JHO Hitachi, CHQJ Choshi, JMM Matsumori, JFT Otama, BSO Boso I, JAG Ashikaga, JMK Ichinose, JYK Kaneyama, JRY Ryogami san, JOM Ohasama, MJAR Matushiro Arr, MJAR Matushiro, MAJO Matushiro, MAT Matushiro, MJB9 Matsu-Tunnel, JHJ Mitsu, JHJ Hachiujima, JHU Hachijima, INU Inuyama, ERM Erimo, ASAJ Asahikawa, USRK Ussuriysk Arr, KSRS Koryu Array, KS01 Wonju Array Si, KS15 Wonju Array Si, ENH Enshi, SONA1 Songino Array, SONA2 Songino Array, SONM Songino Array, NIKH Nikolski High, CM01 Chiang Mai Arr, LSA Lhasa, NRIK Noril'sk, MK01 Makanchi Array, MKAR Makanchi Array, MAKZ Makanchi, CAST Castle Rocks, TRF Thorofare Moun, SML Sawmill, IL1 Eielson Array, ILAR Eielson Array, ILB Eielson Array, UWB Uwekhuna B, WB2 Warramunga Arr, WR1 Warramunga Arr, WRA Warramunga Arr, ABKAR Akbulak array, ASO1 Alice Springs, ASAR Alice Springs, FIA1 Fines Array, LHI Lord Howe Isla, PHNC Paralimni, CSS Mathiatis, CSS Mathiatis, MAMC Mamdari, MAMM Mamdari, SZAC Souni, SZAC Souni, ALFC Alefka, ALFC Alefka, ARNB Al Anab.

IDC 12:17:04:59.7, 1.6, 7.4S:150.15E, h60km, 52km, mb3.4/4, mb1 3.6/5, mb1mx3.3/25, mbtmp3.7/5, ML1.4/1, Error

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ARNB, MARH, JIO, OFUJ, JMK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JIO, OFUJ, JMK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JIO, OFUJ, JMK, etc.

NEIC 12 19:22:30.3, 38:51S:175:77E, h157km, MG4.1 (WEL), After WEL.

WEL 12 19:22:30.8, 3:38:51Sx175:78E, h154km, ML4.1/52, 35C-16D, Error ellipse: s-maj=1.2km s-min=1.1km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KUTZ, WHITZ, TLZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CKHZ, CAW, WEL, etc.

12d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Baring Head, Tuamarina, Nelson, etc.

SJA 12 19:37:03.1-0.8,31.71S:65.07W,h17km,6M,ML3.1, MW3.5,Cordoba Province

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

ISCJB 12 20:10:30.3-0.7,44.01N:08.86E:0.05,h10km, mb3.3/1,MS3.5/1, Error ellipse: s-maj=11.3km

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

ISC 12 20:10:31.8-0.9,43.99N:07.86E:0.04,h10km,n17, r172/19,11C-7D,Northern Injilang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMQ, MK31, KURBB, etc.

2011 AUG

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Gaotai, BVA0, BVAR, etc.

NEIC 12 20:19:34.7-0.5,14.22N:147.13E,h10km,mb4.8/9, Error ellipse: s-maj=12.9km s-min=10.4km az=72.0

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

ISCJB 12 20:19:35.9-0.5,14.21N:0.07:147.14E:0.06,h33km, mb4.5/14,MS3.3/1, Error ellipse: s-maj=10.3km

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

ISCJB 12 20:20:51.9-0.8,15.45S:0.2:176.2W:0.2,h26km,mb4.7/12, mb3.4/2, Error ellipse: s-maj=28.1km s-min=16.7km

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

ISC 12 20:20:52.4-30.0,15.93S:176.31W,h0km,mb4.1/4, mb1.4/3/4,mb1mx3.6/48,mbmp4.1/4,MS3.4/2,Ms1.3/4/2, ms1mx2.8/27, Error ellipse: s-maj=590.9km

NEIC 12 20:20:54.9-0.6,15.39S:176.15W,h35km,mb4.9/7, Error ellipse: s-maj=19.0km s-min=11.1km az=146.0

ISC 12 20:20:53.6-1.2,15.35S:0.3:176.2W:0.2,h26km,n18, r0511/16,mb4.8/12, Fiji Islands region

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

ISCJB 12 20:26:10.9-0.3,2.16N:0.04:101.25W:0.03,h10km, mb4.8/242,MS4.0/14, Error ellipse: s-maj=5.7km

ISC 12 20:26:11.8-0.7,2.27N:101.32W,h0km,mb4.5/13, mb1.4/7/14,mb1mx4.4/27,mbmp4.5/14,ML3.3/1,MS4.1/12, Ms1.4/12,ms1mx3.9/19, Error ellipse: s-maj=27.5km

NEIC 12 20:26:12.8-0.3,2.16N:101.29W,h10km,mb4.8/237, Error ellipse: s-maj=5.4km s-min=4.0km az=214.0

GCMT 12 20:26:12.8-0.4,2.29N:101.31W,h20km,1km,MW4.9/70, Moment Tensor Solution. s25,c26; s70,c97; Duration: 0 Moment tensor: Scale 10^16Nm; Mr-0.36;17; Mw2.61;14; Mw-2.25;13; Mw-0.97;26; Mw-1.66;12; Mw-0.77;30; Best double couple: Ms3.20600x1016

NP1:364.00000°,867.00000°,k-7.00000°. Principal axes: T 3.000°,Plg11.000°,Az=195.00000°,N-0.1170°,Plg66.0000°,Az=78.00000°,P-3.1460°,Plg21.0000°,Az=290.00000°. nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

BUI 12 20:26:13.7,2.20N:101.30W,h13km,mb5.2/6,Ms5.3/5, Ms7.5/0/4

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

570

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMIG, SNET, CCIG, etc.

444A	54nm,1.0s Pine Grove baz=201	29.95	18	P	P	20 32 23.6	+1.7
445A	Amite baz=202	30.09	19	P	P	20 32 24.6	+1.3
238A	Jacksonville baz=192	30.10	10	P	P	20 32 24.4	+1.1
342A	Flagon Creek P baz=198	30.11	15	P	P	20 32 24.2	+0.8
ABTX	Abilene, Hawle baz=183	30.20	3	P	P	20 32 24.8	+0.6
ABTX	Abilene, Hawle 26nm,1.0s	30.20	3	eP	P	20 32 24.4	+0.2
343A	Vidalia baz=199	30.22	17	P	P	20 32 25.1	+0.7
133A	Hamilton Ranch baz=185,SNR=12	30.22	4	P	P	20 32 25.2	+0.7
239A	Gary baz=194	30.23	11	P	P	20 32 25.6	+1.1
134A	White-Moore Ra baz=186	30.25	5	P	P	20 32 25.3	+0.6
RPN	Rapa Nui 30.29 194 eP	30.29	194	eP	P	20 32 26.5	+1.5
135A	Vickery Place, baz=188	30.31	6	P	P	20 32 25.8	+0.6
136A	Ennis baz=189	30.33	8	P	P	20 32 26.2	+0.9
240A	Hunter Patters baz=191	30.40	13	P	P	20 32 27.1	+1.1
446A	Poplarville baz=204	30.48	20	P	P	20 32 28.3	+1.7
137A	Heron Place, G baz=191	30.57	9	P	P	20 32 29.1	+1.6
241A	Mo Tay, Goldon baz=196	30.58	14	P	P	20 32 29.0	+1.4
344A	Westbrook Farm baz=201	30.64	18	P	P	20 32 29.7	+1.6
345A	Thompson Farm, baz=202	30.73	19	P	P	20 32 30.4	+1.5
447A	Lucedale baz=205	30.73	22	P	P	20 32 30.6	+1.7
138A	Matatal Enter baz=192	30.74	10	P	P	20 32 30.4	+1.4
242A	Grayson baz=198	30.81	15	P	P	20 32 31.1	+1.6
243A	Waterproof baz=199	30.82	16	P	P	20 32 31.0	+1.4
233A	Whitaker Ranch baz=185,SNR=11	30.91	4	P	P	20 32 31.5	+1.1
346A	Big Creek Wild baz=203	30.99	20	P	P	20 32 32.7	+1.5
140A	Cam and Jess, baz=195	31.02	13	P	P	20 32 33.0	+1.5
234A	Collier Ranch, baz=189	31.06	5	P	P	20 32 32.5	+0.7
Z35A	Perchaven, San baz=188	31.09	6	P	P	20 32 33.6	+0.9
SDV	Santo Domingo 13nm,1.0s	31.13	77	eP	P	20 32 33.0	+0.7
Z36A	Blue Ridge baz=189	31.13	8	P	P	20 32 33.8	+1.4
141A	Papa Simpson, baz=196	31.14	14	P	P	20 32 34.0	+1.5
448A	Bay Minette baz=205	31.15	23	P	P	20 32 34.3	+1.7
TUC	Tucson baz=162	31.17	344	P	P	20 32 34.3	+1.4
Z37A	Pogue Cattle C baz=191	31.18	9	P	P	20 32 34.0	+1.1
244A	Avery, Jackson baz=201	31.20	17	P	P	20 32 34.4	+1.3
347A	Saraland baz=205	31.32	21	P	P	20 32 35.8	+1.6
142A	Monroe baz=198	31.32	15	P	P	20 32 35.4	+1.3
Z38A	Mt. Pleasant baz=192	31.34	10	P	P	20 32 35.4	+1.2
VBMS	Vicksburg baz=201	31.42	18	P	P	20 32 36.5	+1.6
VBMS	Vicksburg 61nm,0.4s	31.42	18	eP	P	20 32 35.8	+0.9
245A	Little AP, Sta baz=202	31.44	19	P	P	20 32 36.5	+1.3
Z39A	Irene McRaven, baz=194	31.48	11	P	P	20 32 36.7	+1.2
MSTX	Muleshoe baz=177,SNR=10	31.53	358	P	P	20 32 37.0	+0.9
MSTX	Muleshoe 33nm,1.1s	31.53	358	eP	P	20 32 36.4	+0.3
348A	Jackson baz=206	31.57	22	P	P	20 32 38.0	+1.8
143A	Socs Landing, baz=199	31.62	16	P	P	20 32 37.5	+0.9
Y33A	Hilltop Ranch, baz=185	31.63	4	P	P	20 32 38.0	+1.1
Z40A	Long Farm, Mag baz=195	31.66	13	P	P	20 32 37.7	+0.7
Y34A	Reagan Ranch, baz=187	31.66	6	P	P	20 32 37.9	+0.9
Y35A	Marietta baz=188,SNR=5.8	31.68	7	P	P	20 32 38.5	+1.2
BRAL	Brewton 141nm,1.5s	31.68	24	eP	P	20 32 37.1	-0.2
Y36A	Durant baz=189,SNR=5.2	31.77	8	P	P	20 32 39.2	+1.2
Z41A	Richland Creek baz=196	31.79	13	P	P	20 32 39.3	+1.1
144A	Alexander Plac baz=201	31.83	17	P	P	20 32 39.9	+1.3
DWPF	Disney Wildern 50nm,1.4s	31.88	35	eP	P	20 32 40.5	+1.5
247A	Quitman baz=204	31.89	21	P	P	20 32 40.4	+1.4
Y37A	Hugo baz=191	31.94	9	P	P	20 32 41.1	+1.5
145A	Houston Renfro baz=202	31.96	18	P	P	20 32 41.2	+1.5
X32A	Elmer baz=184,SNR=7.7	32.00	3	P	P	20 32 41.3	+1.2
Z42A	Norrel Spur, H baz=198	32.01	15	P	P	20 32 41.2	+1.0
Y38A	Idabel baz=192	32.04	10	P	P	20 32 41.4	+1.0
Y22D	IRIS PASSCAL I baz=169	32.05	351	P	P	20 32 41.7	+1.0
Y22D	IRIS PASSCAL I 55nm,0.6s	32.05	351	eP	P	20 32 41.1	+0.4
BNN	Barren Site baz=195	32.08	352	eP	P	20 32 42.0	+0.9
WLAR	White Oak Lake 26nm,0.9s	32.13	13	eP	P	20 32 42.8	+1.6
Z43A	Armstrong Fami baz=199	32.14	16	P	P	20 32 42.3	+1.0
LENM	Lemitar baz=185	32.15	351	eP	P	20 32 42.2	+0.6
Y39A	Lockesburg baz=194	32.17	11	P	P	20 32 42.7	+1.2
X33A	Lawton baz=188,SNR=7.9	32.17	4	P	P	20 32 42.1	+0.5
X35A	Drake baz=192	32.18	7	P	P	20 32 42.4	+0.8
LPM	Los Pinos Moun baz=206	32.24	352	eP	P	20 32 43.4	+1.0
248A	Dixon Mills baz=206	32.24	22	P	P	20 32 43.1	+0.9
146A	Union baz=203	32.27	19	P	P	20 32 43.9	+1.5
X34A	Smith Ranch, M baz=186	32.29	5	P	P	20 32 43.6	+1.0
WMOK	Wichita Mounta baz=185	32.35	4	P	P	20 32 43.7	+0.6
WMOK	Wichita Mounta 6.0nm,1.3s	32.35	4	eP	P	20 32 43.1	-0.1
LAZ	Ladron baz=195	32.40	351	eP	P	20 32 44.1	-2.9
Y40A	Okolona baz=195	32.41	12	P	P	20 32 44.5	+0.9
AMTX	Amarillo baz=179	32.41	359	P	P	20 32 45.0	+1.2
AMTX	Amarillo 32nm,1.6s	32.41	359	eP	P	20 32 44.3	+0.5
X36A	Centrahoma baz=189,SNR=6.3	32.42	8	P	P	20 32 44.9	+1.1
Y41A	Eagleette Beard baz=196	32.43	13	P	P	20 32 45.1	+1.3
113A	Mohawk Valley, 13nm,1.3s	32.51	340	eP	P	20 32 45.7	+1.1
147A	Livingston baz=204	32.57	21	P	P	20 32 46.1	+1.0
X37A	Clayton baz=191,SNR=8.2	32.58	9	P	P	20 32 46.1	+1.0
Y42A	Garnett, Star baz=198	32.59	15	P	P	20 32 46.7	+1.5
CCAR	Cane Creek 42nm,0.5s	32.67	15	eP	P	20 32 47.2	+1.3
W32A	Sentinel baz=184	32.70	3	P	P	20 32 47.0	+0.8
X39A	Fountain Ranch baz=193,SNR=14	32.72	11	P	P	20 32 47.4	+1.0
Z45A	Winona baz=202	32.74	18	P	P	20 32 48.0	+1.4
X38A	Whitesboro baz=202	32.75	10	P	P	20 32 47.7	+1.0
W33A	Caddo, Fort Co baz=185	32.78	4	P	P	20 32 48.0	+1.1
Z46A	Louisville baz=202	32.82	19	P	P	20 32 48.9	+1.7
ANMO	Albuquerque baz=170	32.84	352	P	P	20 32 48.9	+1.3
ANMO	Albuquerque 61nm,1.1s	32.84	352	eP	P	20 32 48.1	+0.4
MIAR	Mount Ida baz=194,SNR=19	32.86	12	eP	P	20 32 48.5	+0.8
MIAR	Mount Ida 34nm,1.1s	32.86	12	eP	P	20 32 48.5	+0.8
Y43A	Makayla and Ka baz=199	32.89	16	P	P	20 32 48.9	+1.1
W34A	Bridge Creek, baz=186	32.92	5	P	P	20 32 48.9	+0.7
W34A	Bridge Creek, 13nm,0.5s	32.92	5	eP	P	20 32 49.3	+1.2
W35A	Tecumseh baz=188	32.93	7	P	P	20 32 49.0	+0.8
X40A	Basin Creek Fa baz=196	32.96	13	P	P	20 32 48.6	+0.1
W36A	Wetumka baz=189	33.00	8	P	P	20 32 49.1	+0.3
X41A	Kaden, Bauxite baz=192	33.04	13	P	P	20 32 50.1	+0.9
W37B	Quinton baz=191,SNR=12	33.11	9	P	P	20 32 50.0	+0.3
Z47A	Carrollton baz=204	33.12	20	P	P	20 32 50.9	+1.0
Y44A	Straw Charl baz=200	33.13	17	P	P	20 32 51.2	+1.2
GLA	Glamis baz=155	33.14	339	P	P	20 32 50.6	+0.5
GLA	Glamis 10nm,1.1s	33.14	339	eP	P	20 32 49.8	-0.3
W38A	Poteau baz=192	33.19	10	P	P	20 32 51.5	+1.0
Y45A	Yeager Farm, C baz=195	33.24	18	P	P	20 32 52.4	+1.4
X42A	Stuttgart baz=198	33.31	15	P	P	20 32 53.0	+1.5
X16A	Lo Mia Camp, P 15nm,0.5s	33.34	345	eP	P	20 32 51.3	-0.7
UALR	University of 27nm,1.5s	33.35	13	eP	P	20 32 50.8	-1.0
LRAL	Lakeview Retre 18nm,1.1s	33.36	22	eP	P	20 32 52.6	+0.6
TIGA	Tifton baz=213	33.42	28	P	P	20 32 53.2	+0.6
TIGA	Tifton 59nm,1.4s	33.42	28	eP	P	20 32 52.5	0.0
W39A	Magazine baz=194,SNR=10	33.45	11	P	P	20 32 53.8	+1.0
W33A	Lossen Ranch, baz=185	33.46	4	P	P	20 32 53.8	+1.0
Z48A	Northport baz=205,SNR=6.8	33.46	21	P	P	20 32 53.6	+0.7
X43A	Marvell baz=199	33.47	16	P	P	20 32 54.0	+1.1
Y46A	Houston baz=193,SNR=6.1	33.48	19	P	P	20 32 54.1	+1.2
BAR	Barrett 13nm,1.4s	33.52	336	eP	P	20 32 54.4	+1.0
V35A	Meyer Ranch, C baz=188	33.54	6	P	P	20 32 53.9	+0.4
V34A	Guthrie baz=187	33.54	5	P	P	20 32 54.4	+0.8
V34A	Guthrie 50nm,1.2s	33.54	5	eP	P	20 32 54.3	+0.8
W40A	Ferguson Farm, baz=195	33.59	12	P	P	20 32 55.4	+1.4
W18A	Petrified Fore 69nm,1.3s	33.59	347	eP	P	20 32 51.7	-2.6
MONPZ	Monument Peak baz=192	33.60	337	P	P	20 32 54.9	+0.6
Y12C	Blythe baz=156	33.66	340	P	P	20 32 55.9	+1.3
Y12C	Blythe 17nm,0.8s	33.66	340	eP	P	20 32 55.6	+1.0
V36A	Jenks baz=190	33.67	8	P	P	20 32 55.1	+0.4
W41B	Gary Mavity, V baz=196,SNR=7.4	33.73	13	P	P	20 32 56.1	+0.8
X30I	Greibrier Sit 26nm,1.3s	33.78	13	eP	P	20 32 56.3	+0.7
X45A	UM Field Stati baz=202	33.81	18	P	P	20 32 56.3	+0.4
TUL1	Leonard baz=190	33.81	8	P	P	20 32 56.3	+0.4
R21L	Leonard 22nm,0.						

PV09	Paradox Valley	36.74	350	eP	P	20 33 21.9	+0.5	N35A	Tabor	38.71	7	P	P	20 33 38.5	+0.8	ECSD	EROS Data Cent	41.45	5	eP	P	20 34 00.5	0.0
PKM	McPherson Peak	36.74	334	P	P	20 33 22.2	+0.8	P44A	Sand Creek, Wi	38.73	16	P	P	20 33 38.3	+0.4	RKT	Rikitea	41.47	231	eLQ	LQ	20 43 42.3	
R40A	Maddies Station	36.74	12	P	P	20 33 21.6	+0.5	NLU	North Lilly Min	38.75	347	eP	P	20 33 39.8	+1.5	RKT	724nm,27.8s		eLR	LR	20 45 29.4		
SZCU	Shurtz Canyon	36.77	344	eP	P	20 33 22.1	+0.4	N36A	Muff Farm, Cla	38.75	8	P	P	20 33 38.8	+0.7	RKT	178nm,26.8s		eT	T	21 17 53.0		
MPMC	Manual Prospec	36.80	338	P	P	20 33 22.8	+0.8	PB01	IPOC Station P	38.79	128	eP	P	20 33 39.6	+0.8	J38A	Wedge Dairy, R	41.58	10	P	P	20 34 00.7	-0.8
CCUT	Cedar Ck	36.80	344	eP	P	20 33 23.7	+1.8	O41A	Pasleys Farm,	38.79	13	P	P	20 33 38.7	+0.3	JFWS	Jewell Farm	41.61	12	eP	P	20 34 01.5	-0.2
ISA	Isabella, Lake	36.84	336	eP	P	20 33 21.8	-0.3	N37A	Lee Faris, Mou	38.80	9	P	P	20 33 38.7	+0.2	I31A	Royce, Wessing	41.62	3	P	P	20 34 01.6	-0.2
Q36A	Arnold, C. Orve	36.86	8	P	P	20 33 22.5	+0.4	M31A	Lambrecht Ranc	38.82	3	P	P	20 33 40.1	+0.6	I32A	Karley and Nic	41.68	4	P	P	20 34 02.4	+0.1
KSU1	Kansas State U	36.86	6	P	P	20 33 22.9	+0.7	N38A	Joess South For	38.89	10	P	P	20 33 40.4	+0.3	RSSD	Black Hills	41.71	357	P	P	20 34 03.7	+0.8
KSU1	Kansas State U	36.86	6	eP	P	20 33 22.8	+0.7	PHWY	Pilot Hill	39.01	355	eP	P	20 33 40.6	0.0	RSSD	Black Hills	41.73	10	eP	P	20 34 03.7	+0.8
JSC	Jenkinsville	36.87	28	eP	P	20 33 22.8	+0.6	BGNE	Belgrade	39.03	4	P	P	20 33 40.7	+0.3	J39A	Decorah	41.73	10	P	P	20 34 02.4	-0.3
Q47A	Carbondale	36.90	16	P	P	20 33 23.1	+0.7	SAO	San Andreas Ge	39.03	334	eP	P	20 33 41.2	+0.8	I35A	Creekview Farm	41.74	7	P	P	20 34 02.9	0.0
S34A	Longview Farm,	36.92	9	P	P	20 33 22.6	0.0	O42A	Bath	39.05	14	P	P	20 33 40.0	-0.5	I33A	Coleman	41.75	5	P	P	20 34 03.0	0.0
TKL	Tuckaleechee C	36.92	24	eP	P	20 33 23.6	+0.8	BLO	Bloomington	39.07	18	eP	P	20 33 41.1	+0.6	REDW	Red Top Meadow	41.77	349	eP	P	20 34 03.8	+0.4
SIUC	Southern Illin	36.93	16	eP	P	20 33 23.1	+0.4	DUG	Dugway, Tooele	39.15	346	P	P	20 33 41.0	-0.2	I34A	Hadley	41.83	6	P	P	20 34 03.6	0.0
R41A	Rosebud	36.94	13	P	P	20 33 23.2	+0.4	DUG	Dugway, Tooele	39.15	346	eP	P	20 33 43.3	+1.6	SNOW	Snow King Moun	41.85	350	eP	P	20 34 04.8	+0.8
MTPU	Mount Pierson	36.96	346	eP	P	20 33 25.2	+1.9	N39A	Derby Farms, D	39.20	10	P	P	20 33 43.0	+1.4	TPAW	Teton Pass	41.91	349	eP	P	20 34 04.7	+0.1
DAC	Darwin (Calif)	37.04	338	eP	P	20 33 23.3	-0.6	JLU	Jordanelle	39.23	348	eP	P	20 33 42.0	+0.2	LOHW	Long Hollow	41.97	350	eP	P	20 34 05.7	+0.7
R42A	Luebbering	37.06	14	P	P	20 33 24.8	+1.0	M34A	Aspy Farms, Fr	39.24	6	P	P	20 33 42.6	+1.2	J40A	Soldiers Grove	42.01	11	P	P	20 34 05.5	-0.1
SMCO	Snowmass	37.07	353	eP	P	20 33 24.9	+0.6	M33A	Taylor Creek F	39.26	5	P	P	20 33 42.9	+0.7	SUSD	Miller	42.01	2	P	P	20 34 05.5	+0.5
S45A	Carrier Mills	37.07	17	P	P	20 33 24.6	+0.7	CNCC	Cliffs of the	39.29	31	eP	P	20 33 42.8	+0.5	I36A	Fitzsimmons Fa	42.03	8	P	P	20 34 05.2	0.0
P33A	Williams Farm,	37.10	5	P	P	20 33 24.8	+0.7	M35A	Neola	39.30	7	P	P	20 33 41.5	-1.2	H31A	Wolsey	42.07	3	P	P	20 34 05.6	+0.2
Q38A	Cooks Store, C	37.14	10	P	P	20 33 25.0	+0.5	TVH2	Borealis Mine	39.32	338	eP	P	20 33 42.2	+0.5	FXWY	Fox Creek	42.07	349	eP	P	20 34 06.1	+0.3
TPNV	Topopah Spring	37.15	340	P	P	20 33 26.3	+1.5	TVH3	East Aurora ar	39.33	338	eP	P	20 33 43.5	+0.7	J41A	Loganville	42.09	12	P	P	20 34 05.4	-0.3
TPNV	Topopah Spring	37.15	340	eP	P	20 33 26.5	+1.7	TVH3	East Aurora ar	39.33	338	eP	P	20 33 42.1	-1.1	I37A	Lemond, Waseca	42.11	8	P	P	20 34 05.7	-0.1
P32A	Hutting Farm,	37.22	3	P	P	20 33 26.2	+1.0	TVH1	TV Hill, Hawth	39.40	338	eP	P	20 33 42.1	-1.1	MOOW	Moose Ponds	42.12	350	eP	P	20 34 06.4	+0.2
VES	Vestal, Richgr	37.24	336	P	P	20 33 27.2	+1.8	M36A	Felix, Anita	39.40	8	P	P	20 33 43.3	-0.7	H32A	Carlson Farm,	42.16	4	P	P	20 34 06.2	0.0
R43A	Red Bud	37.27	15	P	P	20 33 26.1	+0.6	M37A	Trindle Farm,	39.45	9	P	P	20 33 44.2	+0.7	I39A	Houston	42.26	10	P	P	20 34 07.0	-0.1
P34A	Walnut Farm, R	37.28	6	P	P	20 33 26.8	+1.1	SAML	Samuel	39.54	107	eP	P	20 33 44.6	+0.6	I38A	Scanlan Farm,	42.30	10	P	P	20 34 07.2	-0.2
Q39A	Willow Grove F	37.34	11	P	P	20 33 26.6	+0.5	RWWY	Ravens	39.57	353	eP	P	20 33 45.3	+0.3	IMW	Indian Meadow	42.30	350	eP	P	20 34 08.1	+0.3
P35A	Duane Minner,	37.35	7	P	P	20 33 27.3	+1.0	HDIL	Hopedale	39.58	14	P	P	20 33 44.9	-0.3	H33A	Prehn Over Nor	42.38	5	P	P	20 34 07.9	-0.2
CWC	Cottonwood Cre	37.37	337	P	P	20 33 27.4	+0.7	HDIL	Hopedale	39.58	14	eP	P	20 33 45.5	+0.5	FLWY	Flagg Ranch	42.44	350	eP	P	20 34 09.2	+0.4
MSU	Maryvale	37.40	346	eP	P	20 33 28.2	+1.2	M38A	Pleasantville	39.60	9	P	P	20 33 45.3	+0.1	H34A	Spellman Lake,	42.46	6	P	P	20 34 08.7	0.0
Q40A	Laux Farm, Aux	37.46	12	P	P	20 33 27.8	+0.6	L32A	Elgin	39.63	4	P	P	20 33 45.6	+0.1	I40A	Norwalk	42.47	11	P	P	20 34 08.8	0.0
R44A	Waltonville	37.46	16	P	P	20 33 28.0	+0.7	BLA	Blacksburg	39.67	26	eP	P	20 33 45.6	+0.1	H36A	Jessenland, He	42.59	8	P	P	20 34 09.8	+0.1
ISCO	Idaho Springs	37.53	354	P	P	20 33 29.2	+1.0	WAKR	Walker	39.69	337	eP	P	20 33 49.0	+3.2	H35A	Sunnyside Plac	42.59	7	P	P	20 34 09.5	-0.2
ISCO	Idaho Springs	37.53	354	eP	P	20 33 29.2	+1.0	L34A	Svensen Farm,	39.73	6	P	P	20 33 48.3	+2.1	YPP	Pitchstone Pia	42.64	350	eP	P	20 34 11.0	+0.5
KMSC	Kings Mountain	37.54	27	P	P	20 33 28.5	+0.6	L31A	Butterfield Fa	39.75	3	P	P	20 33 46.5	+0.2	WDC	Whiskeytown Da	42.70	336	eP	P	20 34 10.3	-0.4
KMSC	Kings Mountain	37.54	27	eP	P	20 33 28.1	+0.1	M39A	Weber	39.84	11	P	P	20 33 47.0	+0.5	H17A	Grant Village	42.72	350	eP	P	20 34 11.9	+0.8
P36A	Good Intent, A	37.54	8	P	P	20 33 28.3	+0.4	L33A	Hoskins	39.84	5	P	P	20 33 46.9	-0.3	HLID	Hailey	42.72	346	P	P	20 34 12.2	+1.2
LPAZ	La Paz	37.56	121	P	P	20 33 30.5	+1.4	BGU	Big Grassy Mou	39.90	346	eP	P	20 33 47.6	+0.4	HLID	Hailey	42.72	346	eP	P	20 34 12.2	+1.2
LPAZ	La Paz	37.56	121	eP	P	20 33 29.3	+0.3	WVCC	Vincignya Weste	39.90	27	eP	P	20 33 47.7	-0.1	HLID	Hailey	42.72	346	eP	P	20 34 12.3	+1.2
TCRU	Three Creeks R	37.56	346	eP	P	20 33 29.4	+1.0	SFIN	Lafayette	40.01	17	P	P	20 33 44.1	-3.6	H37A	Dierke Farm, C	42.73	9	P	P	20 34 11.2	+0.3
SRU	San Rafael Swe	37.60	348	eP	P	20 33 30.0	+1.4	SFIN	Lafayette	40.01	17	eP	P	20 33 48.8	+0.3	YFT	Old Faithful	42.82	350	eP	P	20 34 12.9	+0.9
Q41A	Truxton	37.60	13	P	P	20 33 29.2	+0.8	YERR	Yerington	40.04	338	eP	P	20 33 48.3	-0.3	LKWY	Lake	42.86	350	eP	P	20 34 14.9	+2.7
USIN	University of	37.61	18	eP	P	20 33 29.1	+0.6	L36A	Harm Buss Farm	40.05	8	P	P	20 33 48.3	-0.6	WVOR	Wild Horse Val	42.88	341	eP	P	20 34 13.0	+0.7
P37A	Lathrop	37.63	9	P	P	20 33 28.6	0.0	M41A	Milan	40.07	13	P	P	20 33 49.3	+0.3	KMRM	Mail Ridge	42.89	335	eP	P	20 34 13.8	+1.4
PAGB	Antelope Grade	37.64	334	eP	P	20 33 30.4	+1.6	K31A	O'Neill	40.20	3	P	P	20 33 49.0	0.0	G32A	Webster	42.90	4	P	P	20 34 11.9	-0.4
O31A	Woolen Ranch,	37.71	2	P	P	20 33 30.3	+1.0	L37A	Phenix Point,	40.21	9	P	P	20 33 50.8	+0.6	G33A	Ortonville	42.92	5	P	P	20 34 12.3	-0.1
Q42A	Golden Eagle	37.72	14	P	P	20 33 30.5	+1.1	HWUT	Hardware Ranch	40.22	348	eP	P	20 33 50.3	+0.1	MFID	Camas Ranch	42.95	344	eP	P	20 34 13.5	+0.7
O33A	Hebron	37.74	5	P	P	20 33 30.3	+0.8	PNTR	Pin Nut	40.26	338	eP	P	20 33 51.9	+1.4	MOD	Modoc Plateau	42.98	339	eP	P	20 34 13.9	+0.8
TZTN	Tazewell	37.78	24	eP	P	20 33 30.9	+1.0	K32A	Verdige	40.28	4	P	P	20 33 52.6	+1.6	N54A	Moraine State	43.00	24	P	P	20 34 13.3	+0.2
P38A	Dawn	37.80	10	P	P	20 33 30.4	+0.3	M42A	Sheffield	40.32	13	P	P	20 33 51.3	+0.4	O56A	Blue Knob Stat	43.01	26	P	P	20 34 13.8	+0.5
P39B	Salisbury	37.80	11	P	P	20 33 30.7	+0.6	TAOE	Nuku Hiva Isla	40.34	254	eLR	LR	20 33 51.5	+0.3	G34A	Benson	43.04	6	P	P	20 34 13.3	-0.1
PSUT	Pine Spring	37.86	344	eP	P	20 33 30.7	-0.1	L38A	Oak Wood Farm,	40.35	10	P	P	20 33 44.4	0.0	YMR	Madison River	43.05	350	eP	P	20 34 14.8	+1.0
Q32A	Brockman Farm,	37.88	4	P	P	20 33 31.4	+0.6	K34A	Le Mars	40.47	6	P	P	20 33 51.5	+0.1	SDMD	Soldier's Deli	43.09	28	eP	P	20 34 13.4	-0.5
TMUT	Trail Mountain	37.92	347	eP	P	20 33 33.0	+1.5	L39A	Vinton	40.50	11	P	P	20 33 52.9	+0.5	N02D	Trinity Center	43.10	336	P	P	20 34 14.1	0.0
O34A	Beatrice	37.93	6	P	P	20 33 32.0	+0.9	L40A	Anamosa	40.59	11	P	P	20 33 52.0	+0.3	G35A	Watkins	43.15	7	P	P	20 34 14.5	+0.3
Q43A	New Douglas	37.95	15	P	P	20 33 32.1	+0.8	K35A	Storm Lake	40.60	7	P	P	20 33 53.8	+0.4	YHH	Holmes Hill	43.15	350	eP	P	20 34 14.7	+0.1
TIN	Tinemaha, Big	37.96	338	P	P	20 33 32.2	+0.6	K36A	Gilmore City	40.61	8	P	P	20 33 53.7	+0.3	YHB	Horse Butte	43.17	350	eP	P	20 34 15.5	+0.7
P40A	Paris	37.98																					

comp=E,1.2nm,0.3s,SNR=7.9
CSOR Sort 8.82 47 P Pn 20 47 26.4 +1.4
comp=E,0.1nm,0.2s,SNR=7.9

comp=N,1.1nm,0.3s
PNCL Nicolau / Gran 2.36 7 ePn Pn Sn 21 30 38.8 +1.4
PNCL Beja 2.40 19 ePn Pn Sn 21 30 39.6 +1.6

OUK Outkaimeden 4.62 169 P Pn 21 31 08.0 -0.9
MTE Manteigas 4.74 12 ePn Pn Sn 21 31 12.2 +1.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BPA Boggy Peak, SEG Port Louis, ANWB Willy Bob, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PBEJ Beja, EMIN Mina Concepcio, ESPR Espera, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EPLA Placencia, EBER Berja, PVIS Viseu, etc.

ISCJB 12 21:30:00.3-0.6, 35.84N-0.03-8.67W, 0.04, h10km, Error ellipse: s-maj=5.2km s-min=3.5km az=147.2
IGIL 12 21:30:01.7, 35.65N-8.99W, h30km, ML2.6

comp=N,1.1nm,0.3s
PNCL Nicolau / Gran 2.36 7 ePn Pn Sn 21 30 38.8 +1.4
comp=N,1.1nm,0.3s
PNCL Beja 2.40 19 ePn Pn Sn 21 30 39.6 +1.6

comp=N,1.1nm,0.3s
PNCL Nicolau / Gran 2.36 7 ePn Pn Sn 21 30 38.8 +1.4
comp=N,1.1nm,0.3s
PNCL Beja 2.40 19 ePn Pn Sn 21 30 39.6 +1.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PVFV Vila Bisbo, MORF Marneite, PBDV Barranco-do-Ve, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EBAD Badajoz, EMIJ Mijas, ECAB El Cabril, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PGAV Gavireira, EALO Lobios, EALO Lobios, etc.

ISC 12 21:29:58.7-1.6, 35.77N-0.06-8.87W, 0.06, h10km, n138, s181/228, 2C-8D, West of Gibraltar

comp=N,1.1nm,0.3s
PNCL Nicolau / Gran 2.36 7 ePn Pn Sn 21 30 38.8 +1.4
comp=N,1.1nm,0.3s
PNCL Beja 2.40 19 ePn Pn Sn 21 30 39.6 +1.6

comp=N,1.1nm,0.3s
PNCL Nicolau / Gran 2.36 7 ePn Pn Sn 21 30 38.8 +1.4
comp=N,1.1nm,0.3s
PNCL Beja 2.40 19 ePn Pn Sn 21 30 39.6 +1.6

IDC 12 21:57:29.1-1.9, 34.31N-24.08E, h0km, mb3.7/6, mb1.3/10, mb1mx3.6/42, mbtmp3.7/10, ML3.8/4, MS2.6/2, Ms1.2/72, ms1mx2.3/43, Error ellipse: s-maj=33.1km s-min=20.6km az=176.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GVD, SIVA, VAM, IMMV, ANO, etc.

Table with columns: DSF, Desfina, Time, Res, ISC. Includes stations like DSF, DSH, CHOS, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BPBC, EDB, EST, etc.

ISCJB 12:22:22.57 1.0, 5.48:99N.0:03:129:09W.0:04, h10km, m3.7/8, MS2.2/9, Error ellipse: s-maj=4.8km s-min=3.2km az=139.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Rockport, Marblemount, Glacier Peak, Longmie, etc.

IDC 12 22:25:41.2-11.0, 1.90Sx127.32E, h0km, mb3.9/2, mb1 4.2/3, mb1mx3.5/40, mbtmp3.0/3, ML4.3/1, Error ellipse: s-maj=172.93km s-min=143.5km az=128.0, Halmaheera

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

IDC 12 22:47:29.6-0.8, 0.84S, 120.57E, h0km, mb3.9/8, mb1 4.0/9, mb1mx3.8/29, mbtmp3.9/9, ML4.2/1, MS3.1/4, Ms1 3.2/4, ms1mx2.8/35, Error ellipse: s-maj=54.4km s-min=15.5km az=6.0

NEIC 12 22:47:32.5-3.7, 0.86S, 120.58E, h19km, 24km, mb4.4/11, Error ellipse: s-maj=9.3km s-min=5.9km az=55.0

ISCJCB 12 22:47:34.4-0.4, 0.92S, 120.44E, h49km, mb4.3/18, MS3.2/3, Error ellipse: s-maj=9.0km s-min=5.6km az=1.0

DJA 12 22:47:34.5-0.7, 1.54S, 121.02E, h124km, 17km, M4.4/5, mb2.5/1, MLV4.4/5

ISC 12 22:47:36.3-0.5, 0.97S, 120.42E, h49km, n30, mb9.9/32, mb4.1/18, MS3.2/3, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Marisa, Tana Toraja, Luwuk, Gorontalo, Kapi, etc.

Table with columns: BRTR, GSPA, COLA, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes Keskin Array B, South Pole Qui, College.

NEIC 12 22:57:01.7, 38.06S, 177.73E, h41km, ML4.1(WEL), After WEL
WEL 12 22:57:00.8-0.2, 38.03S, 177.77E, h53km, 2km, ML3.8/33, 21C-10D, Error ellipse: s-maj=1.4km s-min=1.0km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes Raukumara Rang, Pakhiroa, Matawai, Carnagh Statio, etc.

JMA 12 23:00:35.2, 34.25N, 135.43E, h9km, 1km, M0.1, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes Highlands Stat, Plateau Road, Karz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes West Tongariro, Ngauruhoe, Whangaeahu Hut, etc.

JMA 12 23:17:01.9, 36.19N, 138.03E, h10km, 1km, M0.6, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes Kouya, Nsakai, Takato, Matsushiro, etc.

ISCJCB 12 23:20:50.6-1.8, 67.73N, 0.05-33.6E, 0.3, h0km, Error ellipse: s-maj=16.0km s-min=7.6km az=172.2
CSEM 12 23:20:50.1-0.8, 67.74N, 33.89E, h1km, ML2.7, Error ellipse: s-maj=19.8km s-min=10.0km az=91.0, Mining explosion
HE 12 23:20:52.1-0.7, 67.70N, 33.72E, h0km, ML2.3, Explosion
NAO 12 23:20:53.1-1.0, 67.68N, 33.32E, ML2.7
ISC 12 23:20:49.4-1.6, 67.68N, 0.04-33.87E, 0.09, h0km, n23, mb167/34, Baltic States-Belarus-Northwestern Russia

Table with columns: ARAO, baz, station name, Sn, Pn, Time, Res. Includes stations like ARCS Array S, ARCS Array S, ARCS Array S, etc.

CSEM 12 23:21:27.5, 67.85N, 20.20E, h4km, ML 1.8, Mining

UPP 12 23:21:27.5, 0.1, 67.85N, 20.20E, h4km, 5km, ML 1.8, Explosion, Sweden

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

NEIC 12 23:30:31.7, 18.89N, 67.73W, h76km, MD3.5 (RSPR), After RSPR

RSPR 12 23:30:31.7, 18.89N, 67.73W, h76km, 11km, MD3.5/7, 11C-2D, Mona Passage

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

NIED 12 23:30:36.7, 70N, 142.40E, h20km, Mw3.6 Best double couple: M2 73000, 1014, NP1, 203, 00000, 828, 00000, 1.95, 00000, NP2, 203, 00000, 866, 00000, 1.98, 00000

JMA 12 23:30:40.3, 0.4, 36.71N, 142.40E, h14km, 5km, M3.6, Off east coast of Honshu

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

NIED 12 23:36:00, 36.70N, 142.40E, h20km, Mw3.5 Best double couple: M1 75000, 1014, NP1, 209, 00000, 824, 00000, 1.95, 00000, NP2, 203, 00000, 866, 00000, 1.98, 00000

JMA 12 23:36:48.6, 0.2, 36.71N, 142.43E, h12km, M3.5, Off east coast of Honshu

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

ISCJB 12 23:41:12.9, 0.2, 51.49N, 0.01, 16.20E, 0.02, h0km, Error ellipse: s-maj=2.1km s-min=1.9km az=35.6

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

PVCC 78nka Ves

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

PRU 12 23:41:12.9, 0.2, 51.49N, 0.01, 16.20E, 0.02, h0km, Error ellipse: s-maj=2.1km s-min=1.9km az=35.6

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

OKC Ostrava-Krasne

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

VRAC 12 23:41:12.9, 0.2, 51.49N, 0.01, 16.20E, 0.02, h0km, Error ellipse: s-maj=2.1km s-min=1.9km az=35.6

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

KHC Kasperske Hory

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

MANZ Manzenberg

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

Table with columns: WET, Wetzell, 3.16 223, Pn, Pn, 23 42 06.5 +0.7, etc.

Table with columns: WET, Wetzell, 3.16 223, Pn, Pn, 23 42 06.5 +0.7, etc.

Table with columns: WET, Wetzell, 3.16 223, Pn, Pn, 23 42 06.5 +0.7, etc.

Table with columns: WET, Wetzell, 3.16 223, Pn, Pn, 23 42 06.5 +0.7, etc.

Table with columns: WET, Wetzell, 3.16 223, Pn, Pn, 23 42 06.5 +0.7, etc.

Table with columns: WET, Wetzell, 3.16 223, Pn, Pn, 23 42 06.5 +0.7, etc.

Table with columns: WET, Wetzell, 3.16 223, Pn, Pn, 23 42 06.5 +0.7, etc.

Table with columns: WET, Wetzell, 3.16 223, Pn, Pn, 23 42 06.5 +0.7, etc.

Table with columns: WET, Wetzell, 3.16 223, Pn, Pn, 23 42 06.5 +0.7, etc.

Table with columns: WET, Wetzell, 3.16 223, Pn, Pn, 23 42 06.5 +0.7, etc.

Table with columns: WET, Wetzell, 3.16 223, Pn, Pn, 23 42 06.5 +0.7, etc.

QCR1	Quepos	5.66 128	eP	Pn	00 55 13.3 +0.2
BUS	Buena Vista	5.90 125	eP	Pn	00 55 17.0 +0.2
TEIG	Tejich	7.20 3	P	Pn	00 55 35.1 +1.0
comp=N, 2.3nm, 0.3s, baz=274, slow=22, SNR=183					
TEIG	Volcan	7.20 3	ePn	Pn	00 55 35.7 +1.6
BRUZ	Matias Romero	7.26 305	P	Pn	00 55 36.2 +1.1
CMIG	Matias Romero	7.26 305	P	Pn	00 55 35.7 +0.9
comp=N, 7.3nm, 0.3s, baz=129, slow=7.8, SNR=36					
CMIG			S	Sn	00 56 56.3 +0.6
BCIP	Isa Barro Col	9.46 113	ePn	Pn	00 56 04.1 -0.8
comp=N, 24nm, 0.3s, baz=280, slow=11, SNR=9.4					
TLIG	Tiapa	10.58 297	ePn	Pn	00 56 22.5 +2.2
SJYC	San Jacinto, C	13.57 102	eP	P	00 57 07.1 +0.1
GTEY	Quantanamey Bay	14.71 60	ePn	Pn	00 57 16.6 +1.2
GUCV	Guyana, Colombia	15.21 119	eP	P	00 57 24.8 -0.8
CODC	Agust'n Codaz	15.22 100	eP	P	00 57 24.3 -1.0
NORC	Norcasia	15.48 117	eP	P	00 57 28.9 +0.6
POPC	Popayán, Colom	15.77 130	eP	P	00 57 33.4 +1.8
035Z	Hargill	16.05 328	P	P	00 57 35.3 +1.0
baz=145					
CMBC	Cumbal	16.09 137	eP	P	00 57 39.1 +3.8
ROSC	El Rosal	16.32 118	P	Pn	00 57 35.7 -0.5
comp=N, 0.5nm, 0.3s, baz=317, slow=16, SNR=2.2					
PRAC	Prado	16.45 123	eP	P	00 57 40.0 +1.0
035A	Encino	16.49 329	P	P	00 57 40.1 +1.3
baz=146					
035A			S	S	01 00 43.7 -3.3
645A	Chauvin	16.48 354	P	P	00 57 40.7 +1.6
baz=173					
DWPF	Disney Wildern	16.48 23	ePn	Pn	00 57 36.7 -1.1
comp=N, 42nm, 0.6s					
BARC	Barichara	16.52 111	eP	P	00 57 40.0 0.0
034A	Hebbronville	16.85 328	P	P	00 57 44.8 +1.5
baz=144, SNR=8.4					
RUSC	La Rusia	16.91 113	eP	Pn	00 57 42.8 -0.8
RUSC	La Rusia	16.91 113	ePn	Pn	00 57 40.7 -3.0
comp=N, 5.3nm, 1.3s					
CHIC	Chingua	16.93 118	eP	P	00 57 45.7 +1.1
738A	Farr-Stevens R	17.05 339	P	P	00 57 47.0 +1.6
baz=156					
FLOC	Florencia	17.17 130	eP	P	00 57 50.2 +3.4
546A	Sidell	17.18 357	P	P	00 57 48.5 +1.7
baz=176					
544A	White Castle	17.19 353	P	P	00 57 48.5 +1.6
baz=171					
934A	Benavides	17.21 329	P	P	00 57 48.7 +1.6
baz=146					
542A	Morse	17.42 349	P	P	00 57 51.3 +1.9
baz=167					
835A	Beeville	17.45 332	P	P	00 57 51.5 +1.7
baz=149					
SJAC	San Juan de Ar	17.46 122	eP	P	00 57 50.7 +0.4
541A	Lake Charles	17.49 347	P	P	00 57 52.0 +1.8
baz=165					
638A	Rosharon	17.51 340	P	P	00 57 52.2 +1.7
baz=157					
933A	Laredo	17.60 327	P	Pn	00 57 53.2 +1.6
baz=144					
834A	Tilden	17.66 330	P	Pn	00 57 54.1 +1.9
baz=146, SNR=9.0					
736A	Circle Diamond	17.70 335	P	Pn	00 57 54.7 +2.0
baz=152					
447A	Lucedale	17.71 0	P	P	00 57 54.8 +1.9
baz=180					
445A	Amite	17.72 355	P	Pn	00 57 55.8 +2.9
baz=174					
446A	Poplarville	17.72 358	P	Pn	00 57 54.1 +1.1
baz=177					
444A	Pine Grove	17.74 354	P	Pn	00 57 54.5 +1.3
baz=173					
637A	Eagle Lake	17.84 338	P	Pn	00 57 57.5 +3.1
baz=155					
448A	Bay Minette	17.86 2	P	P	00 57 57.8 +3.0
baz=182					
735A	Kenedy	17.93 333	P	Pn	00 57 56.4 +0.9
baz=150					
539A	Cross D Ranch,	17.93 343	P	Pn	00 57 56.8 +1.2
baz=160					
442A	Mamata	17.97 349	P	Pn	00 57 57.9 +1.9
baz=168					
441A	DeRidder	18.16 347	P	P	00 58 00.1 +1.8
baz=166					
636A	Smothers Creek	18.16 336	P	Pn	00 58 00.3 +2.0
baz=153, SNR=11					
SDV	Santo Domingo	18.17 101	P	P	00 57 57.4 -0.7
comp=N, 1.9nm, 0.3s, baz=278, slow=6.4, SNR=24					
SDV			PcP	PcP	01 02 29.2 +0.8
comp=N, 0.2nm, 0.3s, baz=283, slow=1.5, SNR=4.5					
SDV			LR	LR	01 05 45.8
SDV	Santo Domingo	18.17 101	eP	P	00 57 57.1 -1.0
comp=N, 30nm, 0.8s					
SDV			PcP	PcP	01 02 29.2 +0.8
833A	Chaparral WMA,	18.24 328	P	Pn	00 58 00.5 +1.2
baz=144, SNR=9.8					
734A	La Parita Cree	18.26 331	P	Pn	00 58 01.4 +1.9
baz=148					
345A	Thompson Farm,	18.27 356	P	Pn	00 58 01.5 +1.9
baz=175					
538A	Harpers Horsep	18.27 341	P	Pn	00 58 01.5 +1.9
baz=158					
346A	Big Creek Wild	18.32 358	P	Pn	00 58 02.0 +1.8
baz=177					
347A	Saraland	18.32 0	P	P	00 58 01.7 +1.5
baz=180					
400A	Kirbyville	18.33 345	P	Pn	00 58 02.0 +1.7
baz=163					
348A	Jackson	18.34 2	P	Pn	00 58 02.0 +1.5
baz=182					
635A	Leesville	18.37 334	P	Pn	00 58 02.2 +1.3
baz=181					
537A	Green Hill Far	18.42 339	P	Pn	00 58 01.3 -0.1
baz=156					
344A	Westbrook Farm	18.47 354	P	Pn	00 58 05.3 +3.3
baz=159					
832A	Faith Ranch, C	18.51 327	P	Pn	00 58 03.1 +0.6
baz=143, SNR=11					
733A	Divot King Ran	18.51 329	P	Pn	00 58 03.0 +0.5
baz=146, SNR=33					
342A	Flagon Creek P	18.60 350	P	Pn	00 58 06.2 +2.6
baz=168					
634A	China Grove, S	18.62 333	P	Pn	00 58 05.4 +1.6
baz=149					
536A	Bastrap	18.69 337	P	Pn	00 58 06.4 +1.7
baz=154					
341A	Kurthwood	18.72 348	P	Pn	00 58 06.7 +1.7
baz=166, SNR=6.0					
438A	Sam Houston St	18.75 341	P	Pn	00 58 07.2 +1.8
baz=159					
535A	Dale	18.85 335	P	Pn	00 58 07.0 +0.4
baz=152, SNR=7.2					
TIGA	Tifton	18.94 13	P	Pn	00 58 08.9 +1.2
baz=195, SNR=9.5					
TIGA	Tifton	18.94 13	eP	Pn	00 58 08.8 +1.2
comp=N, 75nm, 0.6s					
340A	Bronson	18.95 346	P	Pn	00 58 09.1 +1.3
baz=164					
247A	Outlman	18.97 0	P	Pn	00 58 09.7 +1.7
baz=180, SNR=8.5					
243A	Waterproof	18.97 353	P	Pn	00 58 09.8 +1.8
baz=171					
245A	Little AP, Sta	18.98 357	P	Pn	00 58 09.5 +1.4
baz=176					
248A	Dixon Mills	19.03 2	P	Pn	00 58 10.3 +1.6
baz=182					
339A	Huntington	19.04 344	P	Pn	00 58 10.2 +1.3
baz=162					
437A	Phantom Ranch,	19.04 340	P	Pn	00 58 10.3 +1.4
baz=157					
244A	Avery, Jackson	19.05 355	P	Pn	00 58 10.4 +1.5
baz=174					
633A	Seathoff Ranch	19.07 331	P	Pn	00 58 08.9 -0.3
baz=147, SNR=12					
VBMS	Vicksburg	19.21 355	P	Pn	00 58 12.0 +1.2
baz=174, SNR=10.0					
436A	Wall Ranch, Ga	19.22 338	P	Pn	00 58 11.4 +0.5
baz=155					
534A	Blanco	19.23 333	P	Pn	00 58 10.5 -0.6
baz=150, SNR=26					
242A	Grayson	19.25 351	P	Pn	00 58 12.8 +1.6
baz=169					
388A	Crockett	19.27 343	P	Pn	00 58 12.6 +1.1
baz=160, SNR=7.5					
241A	No Tay, Goldn	19.34 349	P	Pn	00 58 13.7 +1.4
baz=167					

337A	Centerville	19.41 341	P	Pn	00 58 12.8 -0.3
baz=158					
NATX	Nacogdoches	19.47 345	P	Pn	00 58 15.5 +1.5
baz=162					
NATX	Nacogdoches	19.47 345	eP	Pn	00 58 15.7 +1.8
comp=N, 106nm, 0.8s					
533A	Kerrville	19.52 332	P	P	00 58 13.6 +1.1
baz=148, SNR=24					
435B	Jarrell	19.52 336	P	Pn	00 58 13.8 -0.7
baz=153, SNR=6.3					
145A	Houston Renfro	19.55 357	P	P	00 58 15.7 +0.8
baz=176					
146A	Union	19.55 359	P	Pn	00 58 15.7 +0.9
baz=179					
147A	Livingston	19.59 1	P	P	00 58 15.9 +0.6
baz=181, SNR=11					
144A	Alexander Plac	19.61 356	P	Pn	00 58 17.1 +1.5
baz=175					
239A	San Ysidro	19.67 345	P	Pn	00 58 17.7 +1.5
baz=163					
143A	Socs Landing,	19.78 353	P	Pn	00 58 16.6 -0.9
baz=172					
336A	Riesel	19.79 339	P	Pn	00 58 17.1 -0.6
baz=156					
238A	Jacksonville	19.82 344	P	Pn	00 58 17.5 -0.6
baz=161					
434A	Burnet	19.82 335	P	P	00 58 16.8 -0.9
baz=151, SNR=8.9					
141A	Papa Simpson,	19.90 349	P	P	00 58 17.8 +1.2
baz=168					
335A	Moody	19.91 337	P	Pn	00 58 18.2 -0.9
baz=171					
LRAL	Lakeview Retre	20.00 4	eP	Pn	00 58 20.5 +0.3
237A	Washetta, Mont	20.02 342	P	Pn	00 58 19.6 -0.8
baz=159					
140A	Cam and Jess,	20.06 348	P	Pn	00 58 20.2 -0.6
baz=159					
246A	Louisville	20.11 359	P	P	00 58 22.2 +0.8
baz=179, SNR=13					
247A	Carrollton	20.12 1	P	Pn	00 58 21.3 -0.1
baz=181, SNR=21					
433A	Art	20.12 333	P	P	00 58 19.6 +0.5
baz=149, SNR=27					
JCT	Junction City	20.22 331	P	P	00 58 20.6 +0.5
baz=147, SNR=9.5					
JCT	Junction City	20.22 331	eP	P	00 58 20.9 +0.8
comp=N, 21nm, 0.8s					
236A	Katherine and	20.25 340	P	Pn	00 58 22.1 -0.9
baz=157					
Z44A	Pes Ridge, Bel	20.25 356	P	P	00 58 21.9 +1.5
baz=175					
334A	Lometa	20.27 336	P	P	00 58 21.4 +0.7
baz=152, SNR=19					
Z45A	Winona	20.30 358	P	Pn	00 58 24.1 +0.5
baz=177					
Z48A	Northport	20.31 3	P	Pn	00 58 23.3 -0.4
baz=183, SNR=15					
Z42A	Norrel Spur, H	20.41 352	P	Pn	00 58 26.3 +1.5
baz=157					
138A	Matatal Ent,	20.44 344	P	P	00 58 23.9 +1.5
baz=162					
Z41A	Richland Creek	20.52 350	P	Pn	00 58 27.3 +1.1
baz=168					
WHTX	Lake Whitney,	20.56 338	P	P	00 58 25.2 +1.4
baz=155					
WHTX	Lake Whitney,	20.56 338	eP	P	00 58 25.1 +1.4
comp=N, 184nm, 1.3s					
137A	Herrin Place, G	20.56 343	P	Pn	00 58 28.5 +1.8
baz=160					
333A	Richland Sprin	20.57 334	P	P	00 58 24.8 +0.8
baz=150, SNR=34					
Z40A	Long Farm, Mag	20.63 349	P	Pn	00 58 27.0 -0.5
baz=167					
136A	Ennis	20.68 341	P	Pn	00 58 27.8 -0.4
baz=158					
Z39A	Irene McRaven,	20.77 347	P	Pn	00 58 28.7 -0.5
baz=158					
Y45A	Yeager Farm, C	20.79 358	P	P	00 58 28.7 +1.6
baz=177					
Y46A	Houston	20.79 360	P	Pn	00 58 28.7 -0.7
baz=179, SNR=27					
234A	Clairette	20.82 337	P	P	00 58 28.4 +1.8
baz=153, SNR=15					
Y47A	UCPARC, Winif	20.82 2	P	Pn	00 58 28.8 -1.0
baz=182, SNR=44					
GOGA	Goosey	20.87 12	eP	P	00 58 28.7 +1.7
comp=N, 31nm, 0.6s					
Y44A	Strider, Charl	20.92 356	P	P	00 58 29.1 +1.5
baz=176, SNR=5.3					
Y43A	Makayia and Ka	20.92 355	P	P	00 58 30.6 -0.4
baz=170					
Y42A	Garnett, Star	20.94 353	P	Pn	00 58 30.0 -1.1
baz=171					
Z38A	Mt. Pleasant	20.97 345	P	Pn	00 58 30.1 -1.4
baz=162					
WLAR	White Oak Lake	20.99 350	eP	P	00 58 31.6 +3.2
comp=N, 44nm, 0.9s					
CCAR	Cane Creek	21.02 353	eP	P	00 58 31.6 +2.9
comp=N, 91nm, 0.7s					
135A	Victory Place,	21.05 339	P	P	00 58 30.8 +1.7
baz=156					
Z37A	Pogue Cattle C	21.09 344	P	P	00 58 31.0 +1.6
baz=161					
Y41A	Gagette Beard	21.10 351	P	P	00 58 31.1 +1.6
baz=169					
HPIG		21.12 314	eP	P	00 58 32.0 +2.0
comp=N, 9.8nm, 0.6s					
Z33A	Rising Star	21.14 335	P	P	00 58 30.7 +0.7

MSTX	Muleshoe	24.51	331	eP	P	00 59 03.8 +0.2
S45A	Carrier Mills	24.58	0	P	P	00 59 04.7 +0.6
S44A	Carbendale	24.60	359	P	P	00 59 04.3 +0.1
SIUC	Southern Illini	24.62	359	eP	P	00 59 04.9 +0.5
S41A	Jillco Farms,	24.64	341	P	P	00 59 05.1 +0.4
U34A	Anderson Ranch	24.66	354	P	P	00 59 05.0 +0.1
U34A	Anderson Ranch	24.66	343	eP	P	00 59 04.9 0.0
U34A	Cheneyville 18	24.67	348	eP	P	00 59 25.2 +2.2
T37A	Lebanon	24.74	353	P	P	00 59 05.6 0.0
S40A	Caledonia	24.75	356	P	P	00 59 05.1 -0.5
AMTX	Amarillo	24.77	334	P	P	00 59 06.4 +0.4
AMTX	Amarillo	24.77	334	eP	P	00 59 06.7 +0.7
T36A	Boggs Farm, Ca	24.82	346	P	P	00 59 06.5 +0.3
U33A	Lingo Farm, Me	24.83	342	P	P	00 59 06.7 +0.3
T35A	Sooner Cattle	24.84	345	P	P	00 59 06.8 +0.4
S39A	Bolivar	24.94	351	P	P	00 59 07.8 +0.4
S38A	Stockton	24.98	350	P	P	00 59 08.4 +0.7
U32A	Winter Ranch,	25.07	340	P	P	00 59 09.2 +0.6
T34A	McClaskey Farm	25.11	344	P	P	00 59 09.4 +0.5
R44A	Waltonville	25.15	359	P	P	00 59 09.5 +0.2
BLA	Blacksburg	25.22	16	eP	P	00 59 11.1 +1.1
WCI	Wyandotte Cave	25.22	4	eP	P	00 59 09.9 -0.1
R42A	Luebbering	25.25	356	P	P	00 59 10.5 +0.3
S37A	Fort Scott	25.27	349	P	P	00 59 10.4 +0.1
R41A	Rosebud	25.31	355	P	P	00 59 10.9 +0.2
S36A	Lake Cedric, C	25.39	347	P	P	00 59 11.3 -0.1
R40A	Maddies Statio	25.39	353	P	P	00 59 11.5 0.0
T33A	Patterson Ranc	25.47	342	P	P	00 59 12.5 +0.3
R39A	Chumby, Stover	25.51	352	P	P	00 59 12.7 +0.1
S35A	Otter Creek Ra	25.52	346	P	P	00 59 12.4 -0.2
R38A	Fenwick Farm,	25.52	350	P	P	00 59 12.9 +0.3
OLIL	Olney	25.64	1	eP	P	00 59 13.7 0.0
S34A	Willow Spring	25.73	344	P	P	00 59 14.0 -0.5
R37A	Teagarden Farm	25.80	349	P	P	00 59 15.3 +0.2
Q44A	Meyer Farm, Va	25.80	359	P	P	00 59 15.0 -0.1
Q43A	New Douglas	25.86	358	P	P	00 59 16.3 +0.6
Q42A	Golden Eagle	25.86	357	P	P	00 59 16.4 +0.7
S33A	Kaszmual Farm,	25.88	343	P	P	00 59 16.3 +0.4
R36A	Gordon, Harris	25.95	348	P	P	00 59 16.8 +0.3
Q41A	Truxton	25.95	355	P	P	00 59 17.0 +0.5
Q40A	Laux Farm, Aux	26.07	354	P	P	00 59 17.5 -0.1
R35A	Emporia Municip	26.10	346	P	P	00 59 18.4 +0.5
121A	Cookes Peak, D	26.16	321	P	P	00 59 19.3 +0.6
121A	Cookes Peak, D	26.16	321	eP	P	00 59 20.4 +1.7
121A	Cookes Peak, D	26.16	321	eP	P	00 59 20.5 +1.7
121A	Willow Grove F	26.23	352	eP	P	00 59 40.6 +3.7
Q39A	Cooks Store, C	26.23	351	P	P	00 59 19.2 +0.2
Q38A	Newby Ranch, P	26.25	341	P	P	00 59 19.9 +0.6
S32A	Longview Farm,	26.28	350	P	P	00 59 20.5 +1.0
R34A	Isabella, Hill	26.35	345	P	P	00 59 20.8 +0.8
319A	Douglas	26.36	317	eP	P	00 59 23.8 +3.4
R33A	Olander Ranch,	26.54	343	P	P	00 59 22.4 +0.6
Q36A	Arnold C. Orve	26.55	348	P	P	00 59 22.9 +0.9
Q35A	Mercer Eighty,	26.58	347	P	P	00 59 22.5 +0.4
Q40A	Paris	26.60	354	P	P	00 59 22.4 +0.1
P39B	Salisbury	26.63	353	P	P	00 59 22.7 +0.1
BNM	Barren Site	26.64	325	eP	P	00 59 25.2 +2.1
P41A	Barry, Barry	26.66	356	eP	P	00 59 22.9 0.0
Y22D	IRIS PASSCAL I	26.75	325	P	P	00 59 23.9 -0.1
LPM	Los Pinos Moun	26.77	325	eP	P	00 59 26.2 +2.0
Q34A	Chapman	26.84	346	P	P	00 59 24.8 +0.2
R32A	Long Quarter,	26.85	342	P	P	00 59 25.0 +0.4
P38A	Dawn	26.87	352	P	P	00 59 25.0 +0.2
KSU1	Kansas State U	26.94	346	P	P	00 59 25.8 +0.3
KSU1	Kansas State U	26.94	346	eP	P	00 59 25.7 +0.3
P37A	Lathrop	26.96	350	P	P	00 59 25.7 +0.1
CBN	Corbin Frederi	27.04	20	eP	P	00 59 26.8 +0.5
CBN	Passleys Farm,	27.08	356	eP	P	00 59 47.3 +2.7
LAZ	Ladron	27.11	325	eP	P	00 59 29.4 +2.1
P36A	Good Intent, A	27.14	349	P	P	00 59 28.0 +0.8
Q33A	Connelly Farm,	27.14	344	P	P	00 59 27.7 +0.4
ANMO	Albuquerque	27.15	327	P	P	00 59 29.2 +1.6
ANMO	Albuquerque	27.15	327	eP	P	01 02 47.2 +0.8
ANMO	Albuquerque	27.15	327	P	P	01 12 51.3
ANMO	Albuquerque	27.15	327	P	P	00 59 27.9 +0.3
ANMO	Albuquerque	27.15	327	eP	P	00 59 29.8 +2.2
ANMO	Albuquerque	27.15	327	eP	P	01 02 47.2 +0.8
O40A	La Belle	27.17	355	P	P	00 59 27.4 0.0
P35A	Duane Minner,	27.21	347	P	P	00 59 27.7 -0.2
SFIN	Lafayette	27.31	3	P	P	00 59 28.2 -0.5
SFIN	Lafayette	27.31	3	eP	P	00 59 27.7 -1.0
SFIN	Lafayette	27.31	3	eP	P	00 59 50.5 +3.6
Q32A	Meitler Ranch,	27.34	343	P	P	00 59 29.0 0.0
Q38A	Galt	27.35	352	P	P	00 59 29.1 +0.1
Q39A	Kirksville	27.37	354	P	P	00 59 29.5 +0.3
P34A	Walnut Farm, R	27.41	346	P	P	00 59 30.0 +0.4

NNA	Nana	27.45	154	LR	LR	01 08 26.0
HDIL	Hopedale	27.46	359	P	P	00 59 30.2 +0.2
O37A	Woolen Farm, M	27.49	351	P	P	00 59 31.2 +0.8
P33A	Williams Farm,	27.52	345	P	P	00 59 31.4 +0.8
CBKS	Cedar Bluff	27.53	341	P	P	00 59 31.4 +0.7
CBKS	Cedar Bluff	27.53	341	eP	P	00 59 31.4 +0.7
ACSO	Alum Creek Sta	27.59	9	eP	P	00 59 31.4 +0.3
ACSO	Bolkow	27.59	350	eP	P	00 59 50.9 +1.4
O36A	Bolkow	27.59	350	P	P	00 59 32.3 +1.0
T25A	Trinidad	27.87	332	P	P	00 59 35.1 +1.1
O35A	Humboldt	27.90	348	P	P	00 59 34.4 +0.4
TUC	Tucson	27.93	317	P	P	00 59 35.2 +0.7
TUC	Tucson	27.93	317	eP	P	00 59 35.8 +1.3
TUC	Hutting Farm,	27.93	343	eP	P	01 02 49.9 +1.6
P32A	Hutting Farm,	27.93	343	P	P	00 59 34.6 +0.3
N39A	Derby Farms, D	27.98	354	P	P	00 59 34.5 -0.1
N38A	Joess South For	27.98	353	P	P	00 59 35.0 +0.3
O34A	Beatrice	27.99	347	P	P	00 59 35.1 +0.4
N37A	Lee Faris, Mou	28.08	351	P	P	00 59 36.2 +0.6
O33A	Hebron	28.09	345	P	P	00 59 36.4 +0.7
N36A	Muff Farm, Cla	28.26	350	P	P	00 59 37.5 +0.4
SDMD	Soldier's Deli	28.31	20	eP	P	00 59 38.4 +0.7
M41A	Milan	28.32	357	P	P	00 59 38.4 +0.7
M42A	Sheffield	28.37	358	P	P	00 59 39.0 +0.9
N35A	Tabor	28.43	349	P	P	00 59 39.4 +0.7
O32A	Brockman Farm,	28.45	344	P	P	00 59 39.7 +0.8
M39A	Webster	28.54	354	P	P	00 59 39.9 +0.3
N34A	Lincoln	28.57	348	P	P	00 59 40.5 +0.5
O56A	Bluer Knob Stat	28.58	16	P	P	00 59 40.3 +0.2
M38A	Pleasantville	28.59	353	P	P	00 59 40.1 0.0
O31A	Woolen Ranch,	28.63	343	P	P	00 59 41.4 +0.9
M37A	Trindle Farm,	28.69	352	P	P	00 59 41.5 +0.5
N33A	J Bar K, Exete	28.69	346	P	P	00 59 41.9 +0.8
KSCO	Kaye Shedlock'	28.71	337	eP	P	00 59 41.8 +0.4
KSCO	Kaye Shedlock'	28.71	337	eP	P	00 59 42.4 +1.0
M36A	Felix, Anita	28.85	350	P	P	00 59 42.6 +0.1
SDCO	Great Sand Dun	28.86	332	P	P	00 59 43.7 +0.8
SDCO	Great Sand Dun	28.86	332	eP	P	00 59 44.2 +1.3
N54A	Moraine State	28.88	14	P	P	00 59 43.2 +0.6
N32A	Stulken Farm,	28.92	345	P	P	00 59 43.8 +0.7
M35A	Neola	29.02	349	P	P	00 59 44.1 +0.2
L14A	Anamosa	29.04	356	P	P	00 59 44.2 +0.1
210A	Organ Pipe Nat	29.10	314	P	P	00 59 45.0 +0.2
SSPA	Standing Stone	29.11	17	eP	P	00 59 45.3 +0.5
W18A	Petrified Fore	29.12	323	P	P	00 59 45.5 +0.3
L39A	Vinton	29.16	355	P	P	00 59 45.0 -0.2
M34A	Aspy Farms, Fr	29.23	348	P	P	00 59 46.3 +0.5
L38A	Oak Wood Farm,	29.28	353	P	P	00 59 46.2 0.0
M33A	Taylor Creek F	29.43	347	P	P	00 59 48.6 +1.0
L36A	Harm Buss Farm	29.46	351	P	P	00 59 48.7 +0.9
M54A	Oil Creek Stat	29.47	14	P	P	00 59 47.8 -0.1
BGNE	Belgrade Ci	29.49	345	P	P	00 59 48.3 +0.1
S22A	4JR Ranch, Cre	29.50	330	P	P	00 59 49.7 +1.1
AAM	Ann Arbor	29.52	8	eP	P	00 59 49.2 +0.8
K41A	Shullsburg	29.54	358	P	P	00 59 49.0 +0.5
L35A	Bieland Farm, R	29.62	350	P	P	00 59 49.4 +0.2
L34A	Svensden Farm,	29.63	348	P	P	00 59 50.5 +1.1
M31A	Lambrecht Ranc	29.64	344	P	P	00 59 50.5 +1.0
K40A	Colesburg	29.67	356	P	P	00 59 49.3 -0.4
X16A	Lo Mia Camp, P	29.69	320	eP	P	00 59 51.8 +1.6
Q24A	Divide	29.70	333	P	P	00 59 51.2 +0.8
K39A	Olweiss	29.73	355	P	P	00 59 49.8 -0.4
K38A	Parkersburg	29.76	354	P	P	00 59 50.4 0.0
JFWS	Jewell Farm	29.84	358	eP	P	00 59 51.3 +0.1
LUPA	Lehigh Univer	29.87	21	eP	P	00 59 52.7 +1.2
MVCO	Mesa Verde	29.94	327	eP	P	00 59 52.4 0.0
MVCO	Mesa Verde	29.94	327	eP	P	00 59 53.4 +1.0
MVCO	Gilmore City	29.96	351	eP	P	01 02 54.9 +1.4
K37A	Belmond	29.97	353	P	P	00 59 52.9 +0.6
L33A	Hoskins	30.01	347	P	P	00 59 52.5 +0.2
N59A	State Game Lan	30.02	20	P	P	00 59 53.4 +0.6
L32A	Elgin	30.02	346	P	P	00 59 53.2 +0.4
K35A	Storm Lake	30.16	350	P	P	00 59 54.4 +0.4
OGNE	Ogallala	30.20	340	P	P	00 59 54.9 +0.4
K34A	Le Mars	30.27	349	P	P	00 59 54.6 -0.4
J41A	Loganville	30.28	358	P	P	00 59 54.9 -0.2
J39A	Decorah	30.34	356	P	P	00 59 55.4 -0.2
J40A	Butcher Grove	30.34	357	P	P	00 59 55.3 -0.3
WUAZ	Wupatki	30.37	321	P	P	00 59 56.5 +0.3
WUAZ	Wupatki	30.37	321	eP	P	00 59 57.6 +1.4
WUAZ	Wupatki	30.37	321	eP	P	01 00 16.5 +1.9
WUAZ	Wupatki	30.37	321	eP	P	01 02 56.0 +1.5
K33A	Hardington	30.37	348	P	P	00 59 56.2 +0.3
J38A	Wedel Dairy, R	30.39	354	P	P	00 59 55.8 -0.2
J37A	Redenius Farm,	30.50	353	P	P	00 59 57.0 0.0
ODNJ	Ogdensburg	30.57	21	eP	P	00 59 58.2 +0.6

ISCO	Idaho Springs	30.60	334	P	P	00 59 58.7 +0.4
ISCO	Idaho Springs	30.60	334	eP	P	00 59 59.5 +1.2
ISCO	Idaho Springs	30.60	334	eP	P	01 02 55.7 +0.5
J36A	Seneca 1, Swea	30.62	352	P	P	00 59 58.9 +0.8
K32A	Verdige	30.64	346	P	P	00 59 58.7 +0.4
PV01	Paradox Valley	30.67	328	eP	P	01 00 00.6 +1.7
PV01	Paradox Valley	30.67	328	eP	P	01 02 56.1 +0.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HEC Hektor, LUdlow, F34U Alexandra, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like A32A Rocking H Ranch, H17A Grant Village, H17A Grand Village, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like INK Inuvik, EGAK Eagle, DDT Dot Lake, etc.

Technical notes and coordinates: IDC 13 01:06:07.2, 1.8, 7.96S; 120.01E, h220km, 16km, mb3.4/3, mb1 3.5/6, mb1mx3.1/49, mbtmp3.9/6, Error ellipse: s-maj=48.3km s-min=11.7km az=58.0

Table with columns: IDAH, Dahanechah, 0.09 348 ePg, Pg, AMB, 01 11 19.0 +0.7, 01 11 25.6

ISCJB 13 01:32:44.0, 4.0, 33.58S; 0.09; 77.82E; 0.09, h10km, mb4.5/21, MS3.9/20, Error ellipse: s-maj=12.5km

IDC 13 01:32:44.6, 0.6, 33.46S; 77.78E, h0km, mb4.2/12, mb1.4/3/12, mb1mx4.0/33, mbtmp4.2/12, MS3.8/20, Ms1.3/8/20, ms1mx3.6/36, Error ellipse: s-maj=3.7km

NEIC 13 01:32:46.2, 0.3, 33.50S; 77.80E, h10km, mb4.7/7, Error ellipse: s-maj=10.2km s-min=8.0km az=174.0

ISC 13 01:32:46.3, 0.3, 33.5S; 0.1; 77.8E; 0.1, h10km, n45, c089/27, mb4.4/21, MS3.9/20, 2D, Mid-Indian Ridge

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

Table with columns: SONM, Aktubynsk, 85.38 347 LR, LR, 02 20 58.1, 02 20 55.0

MEX 13 01:37:33.3, 0.5, 16.70N; 94.17W, h84km, 15km, MD3.8, Oaxaca

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

ISCJB 13 01:42:24.6, 1.0, 51.43N; 0.04; 16.03E; 0.05, h0km, Error ellipse: s-maj=6.4km s-min=3.7km az=21.1

CSEM 13 01:42:25.3, 0.5, 51.47N; 16.06E, h2km, ML2.7/8, Error ellipse: s-maj=7.2km s-min=3.9km az=7.0

PRU 13 01:42:26.8, 5.1, 43N; 16.06E, h0km, ISC 13 01:42:25.8, 1.5, 51.46N; 0.06; 16.07E; 0.04, h0km, n25, c054/46, Poland

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

IDC 13 01:45:04.7, 6.7, 28.08S; 177.11W, h0km, mb3.4/2, mb1.3/7/2, mb1mx3.5/16, mbtmp3.4/2, Error ellipse: s-maj=346.5km s-min=98.0km az=163.0, Kermadec Islands region

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

CSEM 13 02:04:55.7, 0.7, 35.42N; 45.39E, h20km, ML2.7, Error ellipse: s-maj=24.6km s-min=5.7km az=19.0

ISN 13 02:04:59.2, 3.5, 35.55N; 45.37E, h39km, 127km, ML2.7

TEH 13 02:04:55.6, 9.550N; 45.45E, h20km, ML2.7, Iran-Iraq border region

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

IDC 13 02:05:58.6, 9.5, 36.48N; 70.37E, h174km, 30km, mb3.3/4, mb1.3/3/8, mb1mx3.0/49, mbtmp3.8/8, MS3.2/3, Ms1.3/3, ms1mx2.5/38, Error ellipse: s-maj=87.9km s-min=23.2km az=151.0

ISCJB 13 02:06:00.9, 0.6, 36.60N; 0.04; 70.41E; 0.09, h13km, mb3.3/3, Error ellipse: s-maj=10.5km s-min=5.1km az=158.6

NNC 13 02:06:01.6, 5.5, 36.76N; 69.64E, h100km, mb3.4, mpv3.8, Error ellipse: s-maj=48.9km s-min=43.8km az=132.0

ISC 13 02:06:01.0, 0.7, 36.55N; 0.06; 70.39E; 0.08, h23km, n29, c209/31, mb3.5, 6C-3Z, Hindu Kush region

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

IDC 13 02:17:59.0, 8.0, 34.64N; 72.24E, h0km, mb3.7/4, mb1.3/7/7, mb1mx3.4/46, mbtmp3.6/7, ML3.5/3, Error ellipse: s-maj=132.4km s-min=45.7km az=152.0

ISC 13 02:18:09.2, 2.2, 35.2N; 0.2; 72.1E; 0.3, h35km, n10, c18/12, mb3.6/3, 1C-2D, Pakistan

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

KRSC 13 02:18:47.3, 0.7, 54.53N; 161.75E, h56km, 9km, ML4.5

ISCJB 13 02:18:49.2, 0.4, 54.57N; 161.68E; 0.06, h44km, 3km, mb3.9/23, Error ellipse: s-maj=6.3km s-min=2.6km az=30.3

MOS 13 02:18:49.0, 0.8, 54.58N; 161.68E, h2km, mb4.2/10, Error ellipse: s-maj=8.7km s-min=4.4km az=80.9

IDC 13 02:18:52.0, 2.9, 54.75N; 161.20E, h69km, 26km, mb3.6/20, mb1.3/8/22, mb1mx3.6/46, mbtmp3.9/22, MS3.0/1, Ms1.3/1/1, ms1mx2.4/47, Error ellipse: s-maj=18.5km s-min=13.1km az=140.0

ISC 13 02:18:49.0, 8.5, 54.56N; 0.03; 161.67E; 0.03, h46km, 7km, n115, c1972/15, mb3.9/23, 3D, Near east coast of Kamchatka Peninsula

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

WN1A	Neumayer-Stat	50.42	159	P	P	07 13 35.3 +0.5
GTBY	Guantanamo Bay	51.41	348	eP	P	07 13 42.5 -0.3
GNAB	Sanae	52.41	159	eP	P	07 14 27.2 -0.1
SNA	Sanae	52.41	159	eP	P	07 13 49.7 0.0
CCIG	Comitan	53.46	328	eP	P	07 13 58.0 +0.3
TEIG	Tepeich	55.37	334	eP	P	07 14 11.6 -0.1
TEIG	Hargill	65.00	328	eP	P	07 14 52.7 +0.5
GRRS	Roger Stewart	65.00	346	eP	P	07 15 17.7 +0.9
BRAL	Brewton	65.06	340	eP	P	07 15 17.4 +0.1
NHSC	New Hope	65.19	347	eP	P	07 15 19.1 +1.0
034A	Hebronnville	65.79	328	eP	P	07 15 23.3 +1.2
GOGA	Godfrey	66.21	344	eP	P	07 15 24.4 -0.2
344A	Westbrook Farm	66.50	337	eP	P	07 15 27.3 +0.8
JSC	Jenkinsville	66.55	346	eP	P	07 15 27.1 +0.4
834A	Tilden	66.64	328	eP	P	07 15 28.7 +1.3
SYO	Syowa Base	66.64	158	iP	P	07 15 25.3 -1.7
736A	Circle Diamond	66.70	330	eP	P	07 15 29.5 +1.7
LRAL	Lakeview Retre	66.79	340	eP	P	07 15 27.6 -0.7
342A	Flagon Creek P	66.98	335	eP	P	07 16 10.3 -0.1
244A	Avery, Jackson	67.02	337	eP	P	07 15 30.5 +0.7
SBA	Scott Base	67.11	190	eP	P	07 15 31.3 +1.4
243A	Waterproof	67.14	336	eP	P	07 15 31.2 +0.7
636A	Smothers Creek	67.16	330	eP	P	07 15 31.8 +1.1
833A	Chaparral WMA	67.19	328	eP	P	07 15 31.4 +0.5
341A	Kurthwood	67.25	335	eP	P	07 15 32.2 +1.0
Z48A	Northport	67.27	340	eP	P	07 15 31.0 -0.3
145A	Houston Renfro	67.28	338	eP	P	07 15 31.9 +0.5
537A	Green Hill Far	67.37	331	eP	P	07 15 32.6 +0.6
439A	Center Grove	67.38	333	eP	P	07 15 32.9 +0.9
KMSC	Kings Mountain	67.40	346	eP	P	07 15 32.6 +0.5
832A	Faith Ranch, C	67.43	327	eP	P	07 15 33.0 +0.6
246A	Louisville	67.52	339	eP	P	07 15 33.4 +0.6
242A	Grayson	67.54	334	eP	P	07 15 34.0 +1.0
241A	Mo Tay, Goldon	67.78	335	eP	P	07 15 35.7 +1.2
Y47A	UCPARC, Winfie	67.85	340	eP	P	07 15 34.8 -0.1
535A	Dale	67.85	330	eP	P	07 15 35.2 +0.2
143A	Soes Landing,	67.87	337	eP	P	07 15 35.6 +0.6
142A	Mcnroe	67.91	336	eP	P	07 15 36.3 +0.9
633A	Saathoff Ranch	68.06	329	eP	P	07 15 36.9 +0.5
244A	Pea Ridge, Bel	68.07	338	eP	P	07 15 37.2 +0.9
338A	Crockett	68.09	333	eP	P	07 15 37.5 +1.0
VNDA	Vanda	68.10	190	eP	P	07 15 36.8 +0.8
VNDA	Vanda	68.10	190	eP	P	07 15 37.1 +1.1
337A	Centerville	68.28	332	eP	P	07 15 39.3 +1.6
141A	Papa Simpson,	68.30	335	eP	P	07 15 39.1 +1.3
CPCT	Cooper Cave	68.41	343	eP	P	07 15 38.0 -0.4
CPCT	Tuckaleechee C	68.43	344	eP	P	07 15 38.0 -0.6
533A	Kerrville	68.53	329	eP	P	07 15 39.7 +0.4
SWET	Sewanee	68.55	342	eP	P	07 15 39.1 -0.3
SWET	Cam and Jess,	68.58	335	eP	P	07 16 21.7 +0.2
LIC	Lamto	68.59	68	eP	P	07 15 38.3 -1.7
336A	Riesel	68.73	332	eP	P	07 15 41.1 +0.6
X45A	UM Field Stati	68.80	339	eP	P	07 15 41.1 +0.3
434A	Burnet	68.83	330	eP	P	07 15 41.4 +0.2
TIC	Toumodi	68.84	68	eP	P	07 15 40.6 -1.0
Z41A	Richland Creek	68.86	336	eP	P	07 15 42.8 +1.7
335A	Moody	68.88	331	eP	P	07 15 41.8 +0.4
OXF	Oxford	68.88	339	eP	P	07 15 40.7 -0.6
KIC	Kosan Boka	68.90	68	eP	P	07 15 41.2 -0.7
DBIC	Dimboko	68.99	68	eP	P	07 15 41.5 -1.0
DBIC	Dimboko	68.99	68	eP	P	07 15 41.7 -0.8
DBIC	Dimboko	68.99	68	eP	P	07 15 42.3 -0.5
Z40A	Long Farm, Mag	69.07	335	eP	P	07 15 43.6 +1.1
CCAR	Cane Creek	69.10	337	eP	P	07 15 43.9 +1.2
433A	Art	69.14	329	eP	P	07 15 43.1 +0.1
HPIG	Junction City	69.14	322	eP	P	07 15 44.3 +0.9
JCT	Junction City	69.22	329	eP	P	07 15 43.0 0.0
JCT	Junction City	69.22	329	eP	P	07 15 44.0 +0.4
BLA	Blacksburg	69.22	347	eP	P	07 15 44.0 +0.6
BLA	Blacksburg	69.22	347	eP	P	07 15 42.6 +0.5
TZTN	Tazewell	69.23	345	eP	P	07 15 42.6 -0.8
334A	Lometa	69.27	330	eP	P	07 15 43.9 +0.1
WLAR	White Oak Lake	69.35	336	eP	P	07 15 45.5 +1.2
X43A	Marvell	69.35	338	eP	P	07 15 44.8 +0.6
137A	Heron Place, G	69.36	333	eP	P	07 15 45.4 +1.0
136A	Ennis	69.56	332	eP	P	07 15 45.7 +0.2
333A	Richland Sprin	69.58	330	eP	P	07 15 45.8 0.0
Y40A	Okolona	69.71	336	eP	P	07 15 46.9 +0.5
234A	Clairette	69.81	331	eP	P	07 15 47.1 0.0
V45A	Humboldt	69.89	340	eP	P	07 15 48.1 +0.6
WVT	Waverly	69.92	341	eP	P	07 15 47.2 -0.4
WVT	Waverly	69.92	341	eP	P	07 15 47.0 0.1
Y39A	Lockesburg	69.93	335	eP	P	07 15 48.4 +0.7
135A	Vickers Place,	69.99	332	eP	P	07 15 48.8 +0.7
TXAR	Lajitas Array	70.07	325	eP	P	07 15 49.0 +0.1

TXAR	comp=Z,0.4nm,0.5s,baz=152,slow=8.2,SNR=2.8	70.07	325	eP	P	07 16 32.0 +0.7
TX31	Lajitas Ar. Si	70.07	325	eP	P	07 15 49.2 +0.3
U31	University of	70.07	337	eP	P	07 16 32.3 +1.0
U31	University of	70.07	337	eP	P	07 15 48.7 +0.1
233A	Rising Star	70.14	330	eP	P	07 15 49.3 +0.1
Z36A	Blue Ridge	70.22	333	eP	P	07 15 49.9 +0.3
MIAR	Mount Ida	70.29	336	eP	P	07 15 50.6 +0.6
MIAR	Mount Ida	70.29	336	eP	P	07 15 50.1 +0.1
W41B	Gary Mavity, V	70.40	337	eP	P	07 15 51.0 +0.4
X39A	Fountain Ranch	70.45	335	eP	P	07 15 51.3 +0.3
GLAT	Woolly Hollow	70.48	340	eP	P	07 15 51.5 +0.5
WHAR	Woolly Hollow	70.52	337	eP	P	07 15 51.8 +0.4
WHAR	Perchaven, San	70.60	332	eP	P	07 16 34.7 +0.8
Z35A	Perchaven, San	70.60	332	eP	P	07 15 52.2 +0.3
V42A	Cord	70.70	338	eP	P	07 15 52.0 -0.3
W40A	Ferguson Farm,	70.70	336	eP	P	07 15 53.1 +0.7
Y36A	Durant	70.72	333	eP	P	07 15 53.5 +1.0
Z34A	Collier Ranch,	70.90	332	eP	P	07 15 54.0 +0.2
U43A	Rector	70.91	339	eP	P	07 15 53.7 +0.1
V41A	Mountainview	70.93	337	eP	P	07 15 53.7 -0.1
W39A	Magazine	70.95	336	eP	P	07 15 54.4 +0.4
ABTX	Abilene, Hawle	70.98	330	eP	P	07 15 54.2 0.0
ABTX	Abilene, Hawle	70.98	330	eP	P	07 15 54.5 +0.2
PARMO	Parma	70.98	340	eP	P	07 15 54.4 +0.3
PARMO	Parma	70.98	340	eP	P	07 16 37.4 +0.8
X37A	Clayton	70.98	334	eP	P	07 15 54.5 +0.3
Y35A	Marietta	71.02	333	eP	P	07 15 54.8 +0.4
W38A	Poteau	71.10	335	eP	P	07 15 55.1 +0.2
U42A	Reyden	71.15	338	eP	P	07 15 54.9 -0.2
V40A	Witts Springs	71.17	337	eP	P	07 15 54.9 -0.4
Z33A	Whitaker Ranch	71.18	331	eP	P	07 15 55.1 -0.2
PBMO	Poplar Bluff	71.29	339	eP	P	07 15 55.6 -0.3
PBMO	Millersville	71.30	351	eP	P	07 16 38.6 +0.1
MVL	Benton	71.32	340	eP	P	07 15 55.8 -0.3
T44A	Benton	71.32	340	eP	P	07 15 55.8 -0.3
X36A	Centrahoma	71.34	334	eP	P	07 15 55.9 -0.4
Y34A	Reagan Ranch,	71.35	332	eP	P	07 15 56.1 -0.2
U41A	Viola	71.36	338	eP	P	07 15 56.1 -0.3
SUR	Sutherland	71.42	117	eP	P	07 15 57.3 0.0
SUR	Sutherland	71.42	117	eP	P	07 16 40.7 +0.9
SUR	Sutherland	71.42	117	eP	P	07 15 57.5 +0.2
SUR	Sutherland	71.42	117	eP	P	07 16 40.7 +0.9
V39A	Pettigrew	71.48	336	eP	P	07 15 57.3 +0.1
WCI	Wyandotte Cave	71.49	343	eP	P	07 15 56.2 -0.9
W37B	Quinton	71.50	335	eP	P	07 15 57.3 0.0
T43A	Grethel	71.53	339	eP	P	07 15 57.0 -0.4
S45A	Carrier Mills	71.58	341	eP	P	07 15 56.9 -0.8
U40A	Yellville	71.68	337	eP	P	07 15 58.2 -0.1
V38A	Canehill	71.77	336	eP	P	07 15 58.8 0.0
S44A	Carbondale	71.79	340	eP	P	07 15 58.2 -0.7
SIUC	Southern Illin	71.80	340	eP	P	07 15 58.6 -0.3
O56A	Blue Knob Stat	71.88	350	eP	P	07 15 60.0 +0.6
S43A	Fulton Ridge,	71.92	340	eP	P	07 15 59.3 -0.4
U39A	Green Forest	71.92	337	eP	P	07 15 59.4 -0.3
X34A	Smith Ranch, M	71.94	332	eP	P	07 16 00.1 +0.2
T41A	Mountain View	71.95	338	eP	P	07 15 59.7 -0.2
V37A	Hulbert	72.05	335	eP	P	07 16 00.5 0.0
SSPA	Standing Stone	72.14	350	eP	P	07 16 01.5 +0.6
ODNJ	Ogdensburg	72.16	353	eP	P	07 16 01.6 +0.6
X33A	Lawton	72.16	332	eP	P	07 16 00.9 -0.3
V36A	Jenks	72.26	334	eP	P	07 16 01.6 -0.2
U38A	Gravette	72.28	336	eP	P	07 16 01.6 -0.3
T40A	Mansfield	72.29	338	eP	P	07 16 01.8 -0.2
TUL1	Leonard	72.31	335	eP	P	07 16 01.5 -0.6
TUL1	Leonard	72.31	335	eP	P	07 16 02.0 -0.1
S42A	Caledonia	72.32	339	eP	P	07 16 01.2 -0.8
X32A	Elmer	72.38	331	eP	P	07 16 02.0 -0.6
OLIL	Olney	72.44	342	eP	P	07 16 01.8 -0.9
BLO	Bloomington	72.44	343	eP	P	07 16 02.0 -0.7
BLO	Bloomington	72.44	343	eP	P	07 16 45.0 -0.4
WMOK	Wichita Mounta	72.44	332	eP	P	07 16 02.2 -0.7
WMOK	Wichita Mounta	72.44	332	eP	P	07 16 03.3 +0.4
S41A	Jillico Farms,	72.44	338	eP		

LMN	Caledonia Moun	76.44	1	eP	P	P	07 16 26.6 +0.9
LMN	Bosho	76.53	115	eP	P	P	07 17 09.2 +0.4
BOSA	Bosho	76.53	115	eP	P	P	07 16 26.0 -0.9
BOSA	Bosho	76.53	115	eP	P	P	07 17 09.6 -0.4
BOSA	Bosho	76.53	115	eP	P	P	07 16 26.9 -0.9
BOSA	Bosho	76.53	115	eP	P	P	07 17 09.8 -0.3
K41A	Shullsburg	76.65	341	eP	P	P	07 16 29.9 0.0
M37A	Trindle Farm	76.65	338	P	P	P	07 16 26.7 -0.3
O33A	Hebron	76.66	335	P	P	P	07 16 27.2 +0.1
N35A	Tabor	76.68	337	P	P	P	07 16 26.7 -0.5
T25A	Trinidad	76.88	329	eP	P	P	07 16 29.1 +0.5
T25A	Trinidad	76.88	329	eP	P	P	07 16 29.9 +1.3
T25A	Jewell Farm	76.92	342	eP	P	P	07 17 13.1 +1.3
JFWS	Jewell Farm	76.92	342	eP	P	P	07 16 28.2 -0.2
214A	Organ Pipe Nat	76.93	320	P	P	P	07 16 29.4 +0.6
M36A	Felix, Anita	76.94	338	P	P	P	07 16 28.2 -0.4
N34A	Lincoln	76.95	336	P	P	P	07 16 28.3 -0.4
O32A	Brookman Farm	77.07	335	P	P	P	07 16 29.8 +0.4
K39A	Delwein	77.19	340	P	P	P	07 16 29.8 -0.1
TRQ	Mont Tremblant	77.24	354	eP	P	P	07 16 28.6 -1.6
TRQ	Mont Tremblant	77.24	354	eP	P	P	07 17 12.3 -1.2
J41A	Loganville	77.28	342	eP	P	P	07 16 30.4 0.0
PQI	Presque Isle	77.29	358	eP	P	P	07 16 31.4 +1.1
PQI	Presque Isle	77.29	358	eP	P	P	07 17 14.8 +1.2
O31A	Woolen Ranch,	77.36	334	P	P	P	07 16 31.5 +0.5
L36A	Harm Buss Farm	77.48	338	P	P	P	07 16 31.1 -0.5
J40A	Soldiers Grove	77.50	341	P	P	P	07 16 31.2 -0.4
J39A	Decorah	77.71	341	P	P	P	07 16 32.7 -0.2
L35A	Bielow Farm, R	77.77	338	P	P	P	07 16 32.9 -0.3
SDCO	Great Sand Dun	77.86	329	P	P	P	07 16 35.1 +1.0
SDCO	Great Sand Dun	77.86	329	eP	P	P	07 16 35.2 +1.0
SDCO	Great Sand Dun	77.86	329	eP	P	P	07 17 18.6 +1.2
K36A	Gilmore City	77.89	339	P	P	P	07 16 33.7 -0.1
L34A	Svendsen Farm,	77.92	337	P	P	P	07 16 33.9 -0.1
J38A	Wedel Dairy, R	77.92	340	P	P	P	07 16 33.8 -0.2
H40A	Norwalk	77.93	342	P	P	P	07 16 33.8 -0.2
BGNE	Belgrade	78.03	336	P	P	P	07 16 34.6 -0.1
BGNE	Belgrade	78.03	336	eP	P	P	07 16 35.1 +0.5
X16A	Lo Mia Camp, P	78.08	323	eP	P	P	07 16 36.3 +1.0
X16A	Lo Mia Camp, P	78.08	323	eP	P	P	07 17 20.2 +1.6
I39A	Houston	78.14	341	P	P	P	07 16 34.7 -0.5
J37A	Redenius Farm,	78.23	340	P	P	P	07 16 35.3 -0.4
LMQ	La Malbaie	78.25	357	eP	P	P	07 16 36.2 +0.5
M31A	Lambrecht Ranc	78.28	335	P	P	P	07 16 36.3 +0.3
S22A	4UR Ranch, Cre	78.47	328	P	P	P	07 16 38.2 +0.8
S22A	4UR Ranch, Cre	78.47	328	eP	P	P	07 16 38.3 +0.8
S22A	4UR Ranch, Cre	78.47	328	eP	P	P	07 17 22.4 +1.6
J36A	Seneca 1, Swea	78.49	339	P	P	P	07 16 37.7 -0.4
I38A	Scanlan Farm,	78.54	341	P	P	P	07 16 37.0 -0.4
H40A	Chili	78.55	342	P	P	P	07 16 36.9 -0.4
Q24A	Divide	78.72	330	P	P	P	07 16 38.9 +0.1
Q24A	Divide	78.72	330	eP	P	P	07 16 38.3 +0.8
Q24A	Divide	78.72	330	eP	P	P	07 17 22.4 +1.6
MVCO	Mesa Verde	78.81	326	P	P	P	07 16 39.8 +0.5
MVCO	Mesa Verde	78.81	326	eP	P	P	07 16 40.4 +1.0
MVCO	Mesa Verde	78.81	326	eP	P	P	07 17 24.0 +1.3
I37A	Lemond, Waseca	78.83	340	P	P	P	07 16 38.8 -0.2
GLA	Glamis	78.87	320	P	P	P	07 16 39.9 +0.5
WUAZ	Wupatki	78.90	323	P	P	P	07 16 40.0 +0.3
WUAZ	Wupatki	78.90	323	eP	P	P	07 16 41.2 +1.5
L31A	Butterfield Fa	78.95	335	P	P	P	07 16 40.3 +0.6
I36A	Fitzsimmons Fa	79.01	340	P	P	P	07 16 39.6 -0.3
OGNE	Ogallala	79.09	333	P	P	P	07 16 40.1 -0.5
OGNE	Ogallala	79.09	333	eP	P	P	07 16 40.0 -0.5
I35A	Creekview Farm	79.16	339	P	P	P	07 16 40.3 -0.4
H37A	Dierke Farm, C	79.20	340	P	P	P	07 16 40.8 -0.2
Y12C	Blythe	79.22	320	P	P	P	07 16 41.6 +0.3
Y12C	Blythe	79.22	320	eP	P	P	07 16 42.5 +1.2
IKP	In-Ko-Pah, Jac	79.29	318	P	P	P	07 16 42.2 +0.4
K31A	O'Neill	79.32	336	P	P	P	07 16 41.9 +0.2
J33A	Davis	79.32	337	P	P	P	07 16 41.2 -0.4
H36A	Jessenland, He	79.50	340	P	P	P	07 16 42.8 +0.3
ECSD	EROS Data Cent	79.57	338	P	P	P	07 16 42.8 -0.2
ECSD	EROS Data Cent	79.57	338	eP	P	P	07 16 43.0 +0.1
ECSD	EROS Data Cent	79.57	338	eP	P	P	07 17 27.1 +0.6
PV01	Paradox Valley	79.59	327	eP	P	P	07 16 44.3 +0.8
ISCO	Idaho Springs	79.61	330	P	P	P	07 16 44.8 +1.1
ISCO	Idaho Springs	79.61	330	eP	P	P	07 16 44.4 +0.8
ISCO	Idaho Springs	79.61	330	eP	P	P	07 17 28.3 +1.2
BAR	Barrett	79.64	318	eP	P	P	07 16 44.5 +0.9
MONP2	Monument Peak	79.65	318	P	P	P	07 16 44.2 +0.3
J32A	Parkston	79.66	337	P	P	P	07 16 43.3 -0.2
BC3	Big Chuckwall	79.67	320	P	P	P	07 16 43.7 -0.1
SMCO	Snowmass	79.70	328	eP	P	P	07 16 45.4 +1.2
SMCO	Snowmass	79.70	328	eP	P	P	07 17 29.3 +1.6
SPMN	Marine on St.	79.76	341	P	P	P	07 16 43.6 -0.3
SPMN	Marine on St.	79.76	341	eP	P	P	07 16 43.5 -0.4
IRM	Iron Mountain	79.87	320	P	P	P	07 16 45.0 +0.1
H35A	Sunnyside Ranc	79.88	339	P	P	P	07 16 44.2 -0.4
W13A	Hualapai Moun	79.89	322	eP	P	P	07 16 46.4 +1.2
J31A	Geddes	79.90	336	P	P	P	07 16 45.0 +0.3
PV10	Paradox Valley	80.00	327	eP	P	P	07 16 46.1 +0.4
PV10	Paradox Valley	80.00	327	eP	P	P	07 17 30.3 +1.1
U15A	North Rim	80.07	323	eP	P	P	07 16 47.7 +1.4
H34A	Spellman Lake,	80.14	339	P	P	P	07 16 45.7 -0.3
DRLN	Deer Lake	80.17	5	eP	P	P	07 16 46.8 +0.8
DRLN	Deer Lake	80.17	5	eP	P	P	07 17 30.1 +0.5
TPFO	Pinon Flats	80.19	319	P	P	P	07 16 46.9 +0.1
J30A	Dallas	80.19	336	P	P	P	07 16 46.7 +0.3
PFO	Pinoyon Flats	80.20	319	P	P	P	07 16 47.4 +0.7
BELC	Belle Mtn. Jos	80.23	319	P	P	P	07 16 47.1 +0.1
H33A	Prehn Over Nor	80.46	338	P	P	P	07 16 47.8 +0.1
H32A	Carlson Farm,	80.53	337	P	P	P	07 16 48.3 +0.2
F36A	Milaca	80.55	341	P	P	P	07 16 48.0 -0.1
MURC	Murrieta	80.61	318	P	P	P	07 16 49.7 +0.9
GMRC	Granite Mounta	80.62	320	P	P	P	07 16 49.7 +0.8
N23A	Red Feather La	80.65	330	P	P	P	07 16 50.0 +0.8
N23A	Red Feather La	80.65	330	eP	P	P	07 16 49.2 0.0
PHWY	Pilot Hill	80.78	331	eP	P	P	07 16 50.9 +1.0
KNB	Kanab	80.80	323	eP	P	P	07 16 51.3 +1.4
F35A	Milaca	80.85	340	P	P	P	07 16 50.0 +0.3
H31A	Wolsey	80.85	337	P	P	P	07 16 49.7 -0.1
E37A	Wrenshall	80.88	342	P	P	P	07 16 51.0 +1.1
SC12	San Clemente I	80.94	317	P	P	P	07 16 50.9 +0.3
SUSD	Miller	80.98	336	P	P	P	07 16 50.2 -0.3
LCMT	Little Creek M	81.01	323	eP	P	P	07 16 52.2 +1.2
HEC	Hector, Ludlow	81.03	320	P	P	P	07 16 51.3 +0.2
O20A	White River Ci	81.05	328	P	P	P	07 16 51.2 0.0
O20A	White River Ci	81.05	328	eP	P	P	07 16 52.2 +1.1
E36A	Milaca	81.07	341	P	P	P	07 16 50.8 -0.1
TUQ	Turquoise Moun	81.25	320	P	P	P	07 16 53.4 +1.1
MTPU	Mount Pierson	81.27	325	eP	P	P	07 16 53.5 +0.9
MTPU	Mount Pierson	81.27	325	eP	P	P	07 17 37.7 +1.5
SRU	San Rafael Swe	81.29	326	eP	P	P	07 16 52.9 +0.5
SRU	San Rafael Swe	81.29	326	eP	P	P	07 17 37.2 +1.1
BFSC	Mount Baldy Ra	81.33	319	P	P	P	07 16 52.6 -0.1
F33A	5 Mile Ranch,	81.35	339	P	P	P	07 16 52.4 0.0
G31A	Conde	81.42	337	P	P	P	07 16 52.4 -0.4
D37A	Cotton	81.43	342	P	P	P	07 16 52.2 -0.6
E35A	Pequot Lakes	81.43	340	P	P	P	07 16 52.8 0.0
C39A	Grand Marais	81.46	344	P	P	P	07 16 52.3 -0.6
CCUT	Cedar City	81.48	323	eP	P	P	07 16 55.2 +1.7
CCUT	Cedar City	81.48	323	eP	P	P	07 17 39.0 +1.8
P18A	Preston Nutter	81.57	327	eP	P	P	07 16 55.2 +1.1
E34A	Wadena	81.62	340	P	P	P	07 16 53.5 -0.2
MSU	Marysvale	81.63	325	eP	P	P	07 16 55.4 +1.1
MSU	Marysvale	81.63	325	eP	P	P	07 17 39.7 +1.8
SHPR	Sheep Range	81.63	322	eP	P	P	07 16 55.5 +1.1
SHPR	Sheep Range	81.63	322	eP	P	P	07 17 40.3 +2.3
GSC	Goldstone, Bar	81.63	320	eP	P	P	07 16 55.2 +1.0
GSC	Goldstone, Bar	81.63	320	eP	P	P	07 16 55.3 +1.1
F32A	Velton	81.64	338	P	P	P	07 16 53.3 -0.6
C38A	Sawbill Land,	81.65	343	P	P	P	07 16 53.0 -0.6
D36A	Goodland	81.65	341	P	P	P	07 16 53.6 -0.3
D35A	Remer	81.81	341	P	P	P	07 16 54.6 -0.2
E33A	Westby DABS, E	81.86	339	P	P	P	07 16 54.4 -0.6
C37A	Embarrass	81.89	342	P	P	P	07 16 55.0 -0.2
EYMN	Ely	81.92	343	P			

13d 7h

2011 AUG

Table with columns: Station, Frequency, Power, Direction, Date, Time, and other details. Includes stations like SBA, VNA, VMDA, etc.

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Table with columns: Station, Frequency, Power, Direction, Date, Time, and other details. Includes stations like PAHR, TPNV, TPNV, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, and various station codes (e.g., BURAR, VRI, PLOH, etc.).

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (e.g., ESDC, ES19, MEX, CCGI, etc.).

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station codes (e.g., MRL, RTR, MONT, etc.).

338A	Crockett	16.85	359	P	Pn	07 37 03.6	+0.7
341A	Kurthwood	16.89	5	P	Pn	07 37 03.9	+0.4
340A	Gronsbach	16.93	3	P	Pn	07 37 04.6	+0.7
TXAR	Lajitas Array	16.93	333	Pn	P	07 37 05.2	-0.6
TXAR	comp-Z, 1.2nm, 0.3s, baz=148, slow=7.4, SNR=217					07 41 50.2	+0.1
TXAR	comp-Z, 0.1nm, 0.3s, baz=134, slow=3.6, SNR=7.0					07 44 04.6	
TX31	Lajitas Ar. Si	16.93	333	ePn	P	07 37 05.9	0.0
335A	Moody	16.94	352	P	Pn	07 37 05.4	+0.5
336A	Riesel	16.97	354	P	Pn	07 37 04.1	+0.6
SLBS	Sierra La Lagu	16.98	305	ePn	P	07 37 07.4	+0.9
342A	Flagon Creek P	17.02	7	P	Pn	07 37 04.7	-0.3
MTDJ	Mount Denham	17.02	75	ePn	P	07 37 04.8	-0.5
343A	Vidalia	17.03	9	P	Pn	07 37 04.2	-1.0
446A	Poplarville	17.04	16	P	Pn	07 37 02.2	-3.1
334A	Lometa	17.11	350	P	Pn	07 37 06.1	-0.1
333A	Richland Sprin	17.24	348	P	Pn	07 37 07.7	-0.1
447A	Lucoedali	17.24	18	P	Pn	07 37 06.4	-1.5
NATX	Nacogdoches	17.25	0	P	Pn	07 37 08.0	+0.1
NATX	Nacogdoches	17.25	0	ePn	Pn	07 37 07.8	-0.1
344A	Westbrook Farm	17.35	12	P	Pn	07 37 08.8	-0.4
345A	Thompson Farm	17.36	14	P	Pn	07 37 09.5	+0.1
LPIG	La Paz	17.48	306	P	P	07 37 12.4	+0.6
LPIG	comp-Z, 1.7nm, 0.3s, baz=124, slow=10, SNR=28					07 43 21.2	
238A	Jacksville	17.49	359	P	P	07 37 11.6	-0.3
239A	Gary	17.50	1	P	Pn	07 37 11.3	+0.1
237A	Washetta, Mont	17.51	357	P	Pn	07 37 11.6	+0.4
240A	Hunter Patters	17.55	3	P	Pn	07 37 11.8	+0.1
236A	Katherine and	17.55	355	P	Pn	07 37 12.1	+0.4
346A	Big Creek Wild	17.58	15	P	Pn	07 37 10.9	-1.1
241A	Mo Tay, Golden	17.59	5	P	P	07 37 12.4	+0.2
448A	Bay Minette	17.62	20	P	Pn	07 37 13.0	-0.4
243A	Waterproof	17.63	9	P	Pn	07 37 12.6	-0.1
WHTX	Lake Whitney	17.64	353	P	Pn	07 37 13.1	+0.3
WHTX	Lake Whitney	17.64	353	ePn	Pn	07 37 13.1	+0.3
242A	Grayson	17.71	7	P	Pn	07 37 13.9	+0.2
234A	Clairette	17.75	351	P	P	07 37 14.7	-0.1
347A	Saralano	17.84	18	P	Pn	07 37 14.4	-1.0
233A	Rising Star	17.89	349	P	Pn	07 37 16.6	+0.2
244A	Avery, Jackson	17.93	11	P	Pn	07 37 15.6	-0.7
136A	Ennis	18.02	355	P	Pn	07 37 17.3	-0.2
348A	Jackson	18.05	19	P	Pn	07 37 17.2	-0.7
245A	Little AP, Sta	18.09	14	P	Pn	07 37 17.2	-1.1
137A	Heron Place, G	18.10	357	P	P	07 37 18.5	-0.1
137A	Brewton	18.12	22	ePn	Pn	07 37 17.7	-1.0
VBMS	Vicksburg	18.14	12	P	Pn	07 37 17.6	-1.3
VBMS	Vicksburg	18.14	12	ePn	Pn	07 37 17.4	-1.5
138A	Matatal Enter	18.14	359	P	P	07 37 19.8	+0.6
140A	Cam and Jess,	18.16	3	P	P	07 37 19.7	+0.4
141A	Papa Simpson,	18.17	5	P	P	07 37 19.5	+0.1
135A	Vickery Place,	18.19	353	P	P	07 37 19.8	+0.2
142A	Monroe	18.22	8	P	P	07 37 20.0	0.0
246A	Jackson Lee, B	18.26	16	P	P	07 37 20.0	-0.4
134A	White-Moore Ra	18.30	351	P	Pn	07 37 21.4	+0.5
247A	Quitman	18.43	17	P	Pn	07 37 22.6	0.0
DWPF	Disney Wilder	18.44	40	eP	P	07 37 22.0	-0.5
DWPF	comp-Z, 1.95nm, 0.9s					07 40 43.5	-4.5
143A	Socs Landng,	18.45	9	P	Pn	07 37 22.6	+0.1
133A	Hamilton Ranch	18.47	349	P	Pn	07 37 23.6	+0.5
144A	Alexander Plac	18.55	12	P	Pn	07 37 25.2	+1.2
145A	Houston Rentro	18.63	13	P	Pn	07 37 25.4	+0.5
ABTX	Abilene, Hawle	18.63	347	P	Pn	07 37 25.8	+0.9
ABTX	Abilene, Hawle	18.63	347	eP	Pn	07 37 25.4	+0.4
237A	Pogue Cattle C	18.69	358	P	Pn	07 37 26.6	+0.9
238A	Mt. Pleasant	18.73	360	P	Pn	07 37 26.2	+0.1
239A	Irene McRaven,	18.73	2	P	Pn	07 37 26.8	+0.6
248A	Dixon Mills	18.73	19	P	Pn	07 37 26.4	+0.2
240A	Long Farm, Mag	18.78	4	P	Pn	07 37 27.4	+0.6
236A	Blue Ridge	18.81	356	P	P	07 37 26.6	+0.1
241A	Richland Creek	18.83	5	P	Pn	07 37 27.1	-0.2
146A	Union	18.87	15	P	P	07 37 26.9	-0.2
242A	Norrei Spur, H	18.94	7	P	P	07 37 27.5	-0.4
235A	Perchaven, San	18.94	354	P	Pn	07 37 29.0	+0.3
243A	Armstrong Fami	18.97	9	P	Pn	07 37 28.8	-0.3
234A	Collier Ranch,	19.06	352	P	Pn	07 37 30.6	+0.5
233A	Whitaker Ranch	19.11	350	P	Pn	07 37 31.4	+0.7
147A	Livingston	19.11	17	P	Pn	07 37 30.4	-0.3
244A	Pea Ridge, Bel	19.18	11	P	Pn	07 37 31.1	-0.4
WLAR	White Oak Lake	19.23	4	eP	Pn	07 37 31.7	-0.4
Y38A	Idabel	19.41	0	P	P	07 37 33.4	+0.4
245A	Winona	19.42	13	P	P	07 37 33.3	+0.2
Y36A	Durant	19.42	356	P	Pn	07 37 34.3	-0.2
246A	Louisville	19.43	15	P	P	07 37 33.6	+0.4
Y39A	Lockesburg	19.43	2	P	P	07 37 33.8	+0.6
Y41A	Eagleette Beard	19.46	6	P	Pn	07 37 34.4	-0.6
Y35A	Marietta	19.49	354	P	Pn	07 37 35.2	0.0

Y42A	Garnett, Star	19.51	8	P	Pn	07 37 34.9	-0.6
Y40A	Okolona	19.54	4	P	Pn	07 37 35.5	-0.4
CCAR	Carroll Creek	19.59	8	eP	Pn	07 37 35.8	-0.7
GTBY	Guantanamo Bay	19.61	71	eP	P	07 37 35.5	+0.2
Y34A	Reagan Ranch,	19.62	353	P	Pn	07 37 36.7	0.0
Z47A	Carrollton	19.66	17	P	P	07 37 35.8	0.0
Y43A	Makayla and Ka	19.71	10	P	P	07 37 36.9	+0.6
DBBC	Dabeiba	19.71	110	eP	Pn	07 37 42.3	+4.1
MNTX	Cornudas Mount	19.71	332	P	Pn	07 37 37.9	-0.1
MNTX	Cornudas Mount	19.71	332	eP	P	07 37 36.7	+0.3
SJCC	San Jacinto, C	19.73	101	eP	P	07 37 36.9	+0.2
Y33A	Hilltop Ranch,	19.79	351	P	Pn	07 37 38.2	-0.7
TIGA	Tifton	19.81	29	P	P	07 37 37.6	+0.2
TIGA	Tifton	19.81	29	eP	P	07 37 37.2	-0.2
LRAL	Lakeview Retre	19.84	20	eP	P	07 37 37.1	-0.6
Y44A	Strider, Charl	19.89	11	P	P	07 37 38.6	+0.4
Y45A	Yeager Farm, C	19.93	13	P	P	07 37 38.8	+0.2
X35A	Drake	19.97	355	P	Pn	07 37 40.2	-0.7
Z48A	Northport	19.98	18	P	P	07 37 39.6	+0.4
X39A	Fountain Ranch	20.00	2	P	P	07 37 39.1	-0.3
X40A	Basin Creek Fa	20.05	5	P	P	07 37 39.3	-0.6
MIAR	Mount Ida	20.05	3	P	P	07 37 39.6	-0.4
MIAR	Mount Ida	20.05	3	eP	Pmax	07 37 39.7	-0.4
MIAR	comp-Z, 530nm, 1.2s					07 37 39.7	-0.4
MIAR	comp-Z, 534nm, 1.2s						
X37A	Clayton	20.07	359	P	P	07 37 40.6	+0.4
X41A	Kaden, Bauxite	20.08	6	P	P	07 37 39.7	-0.6
X36A	Centrahoma	20.09	356	P	P	07 37 40.7	+0.2
Y46A	Houston	20.10	15	P	P	07 37 39.0	-1.6
MALC	Bahia Malaga	20.11	119	eP	Pn	07 37 46.5	+3.7
X38A	Whitesboro	20.15	360	P	Pn	07 37 41.6	+0.6
X42A	Stuttgart	20.24	8	P	P	07 37 41.2	-0.8
X34A	Smith Ranch, M	20.26	351	P	Pn	07 37 43.8	-0.6
X33A	Lawton	20.29	353	P	Pn	07 37 44.0	-0.8
X32A	Elmer	20.30	349	P	Pn	07 37 44.0	-0.9
X43A	Marvell	20.31	9	P	P	07 37 42.4	-0.5
UALR	University of	20.38	6	eP	P	07 37 43.5	0.0
UALR	comp-Z, 1um, 20.0s						
Y47A	UCPARC, Winfie	20.39	17	P	P	07 37 42.7	-1.0
X44A	Crenshaw	20.42	11	P	P	07 37 44.0	0.0
X45A	UM Field Stati	20.50	13	P	P	07 37 44.0	-0.9
WMOK	Wichita Mounta	20.53	351	P	P	07 37 45.7	+0.6
WMOK	Wichita Mounta	20.53	351	eP	Pmax	07 37 45.8	+0.6
WMOK	comp-Z, 280nm, 1.0s						
WMOK	comp-Z, 279nm, 1.0s						
W38A	Poteau	20.55	1	P	P	07 37 46.1	+0.7
OXF	Oxford	20.58	13	eP	Pmax	07 37 44.3	-1.4
OXF	comp-Z, 320nm, 1.0s						
OXF	comp-Z, 320nm, 0.9s						
OXF	comp-Z, 3um, 19.0s						
W37B	Quinton	20.62	359	P	P	07 37 46.6	+0.4
W36A	Wetuka	20.65	357	P	P	07 37 47.0	+0.4
SRIG	Santa Rosalia	20.68	311	eP	Pn	07 37 49.0	-0.3
SRIG	comp-Z, 4um, 21.0s						
W39A	Magazine	20.69	2	P	P	07 37 47.2	+0.2
W35A	Tecumseh	20.71	355	P	P	07 37 47.9	+0.8
W40A	Ferguson Farm,	20.73	4	P	P	07 37 47.1	-0.2
MSTX	Muleshoe	20.74	341	P	P	07 37 48.5	+0.9
MSTX	Muleshoe	20.74	341	eP	P	07 37 48.5	+0.9
W41B	Gary Mavity, V	20.78	6	P	P	07 37 48.3	+0.4
HSIG	comp-Z, 306nm, 1.3s					07 37 50.4	-0.6
W34A	Bridge Creek	20.88	353	P	P	07 37 50.1	+1.1
W34A	Bridge Creek,	20.88	353	eP	P	07 37 50.2	+1.2
W33A	Caddo, Fort Co	20.89	352	P	Pn	07 37 50.6	-1.1
WHAR	Woolly Hollow	20.98	6	eP	P	07 37 49.0	-0.1
WHAR	comp-Z, 2um, 21.0s						
W43A	Forest City	20.90	10	P	P	07 37 49.4	+0.2
W42A	Bald Knob	20.96	8	P	P	07 37 50.0	+0.1
W32A	Sentinel	20.98	350	P	P	07 37 51.3	+1.2
MET	Memphis-Engin	21.07	11	eP	P	07 37 51.5	+0.5
MET	comp-Z, 4um, 19.0s						
W44A	Shelby Farms P	21.10	11	P	P	07 37 50.9	-0.5
W45A	Hickory Valley	21.25	13	P	P	07 37 52.2	-0.8
AMTX	Amarillo	21.28	344	P	P	07 37 54.1	+0.7
AMTX	Amarillo	21.28	344	eP	P	07 37 54.4	+1.0
AMTX	comp-Z, 646nm, 0.9s						
Y36A	Jenks	21.28	358	P	P	07 37 53.2	-0.2
Y35A	Meyer Ranch, C	21.31	356	P	P	07 37 53.9	+0.2
Y38A	Canehill	21.34	1	P	P	07 37 53.6	-0.3
Y39A	Comp-Z, 181, SNR=351	21.34	3	P	P	07 37 53.7	-0.3
Y40A	Witts Springs	21.36	4	P	P	07 37 53.6	-0.5
Y37A	Hulbert	21.36	359	P	P	07 37 53.7	-0.4
HBAR	Harrisburg	21.36	9	eP	P	07 37 54.5	+0.3
CODC	Agust-n Codaz	21.37	100	eP	P	07 37 52.1	-2.4
Y41A	Mountainview	21.39	6	P	P	07 37 53.8	-0.8

TUL1	Leonard	21.40	358	P	P	07 37 54.4	-0.2
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Table with columns for race ID, horse name, jockey, trainer, odds, and race type. Includes entries like TUC, RUSC, R33A, etc.

Table with columns for race ID, horse name, jockey, trainer, odds, and race type. Includes entries like X16A, L16A, L17A, etc.

Table with columns for race ID, horse name, jockey, trainer, odds, and race type. Includes entries like AGP, SMCO, M37A, etc.

MTPU	comp=Z,144nm,1.2s	LR	LR		
K36A	comp=Z,16um,18.0s Gilmore City	28.11	1 P	P	07 38 58.5 +0.1
K33A	comp=Z,16um,18.0s Hardington	28.13	357 P	P	07 38 59.5 +0.8
K38A	comp=Z,16um,18.0s Parkersburg	28.17	3 P	P	07 38 58.8 -0.2
O20A	comp=Z,16um,18.0s White River Ci	28.17	338 P	P	07 39 01.0 +1.7
O20A	comp=Z,16um,18.0s White River Ci	28.17	338 eP	P	07 39 01.3 +2.0
K34A	comp=Z,16um,18.0s Le Mars	28.17	358 P	P	07 38 59.3 +0.2
K35A	comp=Z,16um,18.0s Storm Lake	28.19	359 P	P	07 38 59.1 -0.1
SZCU	comp=Z,16um,18.0s Shurtz Canyon	28.20	328 eP	P	07 39 01.9 +2.3
SZCU	comp=Z,16um,18.0s		LR	LR	
SRU	comp=Z,16um,18.0s San Rafael Swe	28.20	334 eP	Pmax	07 39 01.1 +1.5
SRU	comp=Z,16um,18.0s San Rafael Swe	28.20	334 eP	P	07 39 01.1 +1.5
SRU	comp=Z,16um,18.0s		LR	LR	
TQU	comp=Z,16um,18.0s Turquoise Moun	28.22	322 P	P	07 39 01.3 +1.5
K37A	comp=Z,16um,18.0s Belmond	28.25	2 P	P	07 38 59.5 -0.2
K32A	comp=Z,16um,18.0s Verdigris	28.25	355 P	P	07 38 59.9 +0.1
CBN	comp=Z,16um,18.0s Corbin Frederi	28.27	30 eP	P	07 38 59.8 -0.1
CBN	comp=Z,16um,18.0s		LR	LR	
K39A	comp=Z,16um,18.0s Oelwein	28.28	5 P	P	07 38 59.7 -0.3
K31A	comp=Z,16um,18.0s O'Neil	28.29	354 P	P	07 39 01.4 +1.2
CCUT	comp=Z,16um,18.0s Cedar City	28.31	328 eP	P	07 39 03.0 +2.4
CCUT	comp=Z,16um,18.0s		LR	LR	
PHWY	comp=Z,16um,18.0s Pilot Hill	28.32	343 eP	P	07 39 02.3 +1.6
K41A	comp=Z,16um,18.0s Shullsburg	28.34	7 P	P	07 39 00.5 0.0
K40A	comp=Z,16um,18.0s Colesburg	28.34	6 P	P	07 39 00.6 +0.1
MCWV	comp=Z,16um,18.0s Mont Chateau	28.36	25 eP	P	07 39 00.5 -0.3
MCWV	comp=Z,16um,18.0s		LR	LR	
SC12	comp=Z,16um,18.0s San Clemente I	28.39	315 P	P	07 39 02.6 +1.5
MSU	comp=Z,16um,18.0s Marysvalle	28.47	331 eP	P	07 39 03.8 +1.8
MSU	comp=Z,16um,18.0s Marysvalle	28.47	331 eP	P	07 39 03.8 +1.8
RRX	comp=Z,16um,18.0s Edison Barstow	28.52	319 P	P	07 39 04.3 +2.1
SHPR	comp=Z,16um,18.0s Sheep Range	28.52	324 eP	P	07 39 04.2 +1.9
SHPR	comp=Z,16um,18.0s		LR	LR	
P18A	comp=Z,16um,18.0s Preston Nutter	28.52	335 eP	P	07 39 04.5 +2.0
P18A	comp=Z,16um,18.0s		LR	LR	
ARUT	comp=Z,16um,18.0s Antelope Range	28.53	328 eP	P	07 39 05.1 +2.7
ARUT	comp=Z,16um,18.0s Antelope Range	28.53	328 eP	P	07 39 05.1 +2.7
BFSC	comp=Z,16um,18.0s Mount Billy	28.54	318 P	P	07 39 04.2 +1.6
CIS	comp=Z,16um,18.0s Catalina Islan	28.54	316 P	P	07 39 04.0 +1.6
P17A	comp=Z,16um,18.0s Butcher Ranch,	28.60	334 eP	P	07 39 04.9 +1.8
P17A	comp=Z,16um,18.0s		LR	LR	
FMP	comp=Z,16um,18.0s Fort Macarthur	28.64	316 P	P	07 39 05.2 +1.9
JFWS	comp=Z,16um,18.0s Jewell Farm	28.65	7 eP	Pmax	07 39 03.4 +0.1
JFWS	comp=Z,16um,18.0s		LR	LR	
JFWS	comp=Z,16um,18.0s Jewell Farm	28.65	7 eP	P	07 39 03.4 +0.1
JFWS	comp=Z,16um,18.0s		LR	LR	
TMUT	comp=Z,16um,18.0s Trail Mountain	28.66	333 eP	P	07 39 05.6 +1.9
TMUT	comp=Z,16um,18.0s		LR	LR	
GSC	comp=Z,16um,18.0s Goldstone, Bar	28.67	320 P	P	07 39 05.6 +1.9
GSC	comp=Z,16um,18.0s Goldstone, Bar	28.67	320 eP	Pmax	07 39 05.6 +1.9
GSC	comp=Z,16um,18.0s		LR	LR	
GSC	comp=Z,16um,18.0s Goldstone, Bar	28.67	320 eP	P	07 39 05.6 +1.9
GSC	comp=Z,16um,18.0s		LR	LR	
TCRU	comp=Z,16um,18.0s Three Creeks R	28.67	330 eP	P	07 39 06.0 +2.2
TCRU	comp=Z,16um,18.0s		LR	LR	
SHOC	comp=Z,16um,18.0s Shoshone, Teco	28.75	322 P	P	07 39 05.9 +1.6
SGU	comp=Z,16um,18.0s Sterling	28.76	332 eP	P	07 39 06.9 +2.3
J34A	comp=Z,16um,18.0s George	28.77	358 P	P	07 39 04.4 +0.1
MWC	comp=Z,16um,18.0s Mount Wilson	28.79	317 eP	Pmax	07 39 06.6 +1.7
MWC	comp=Z,16um,18.0s		LR	LR	
MWC	comp=Z,16um,18.0s		LR	LR	
J37A	comp=Z,16um,18.0s Redenius Farm,	28.80	2 P	P	07 39 04.2 -0.4
J36A	comp=Z,16um,18.0s Seneca 1, Swea	28.80	1 P	P	07 39 04.2 -0.4
J35A	comp=Z,16um,18.0s Milford	28.83	359 P	P	07 39 04.5 -0.4
J33A	comp=Z,16um,18.0s Davis	28.84	357 P	P	07 39 04.9 0.0
PASC	comp=Z,16um,18.0s Pasadena Art C	28.84	317 eP	P	07 39 06.9 +1.8
PASC	comp=Z,16um,18.0s		LR	LR	
J38A	comp=Z,16um,18.0s Wedel Dairy, R	28.86	4 P	P	07 39 04.7 -0.4
STVI	comp=Z,16um,18.0s Saint Thomas	28.91	78 eP	P	07 39 04.4 -1.4
STVI	comp=Z,16um,18.0s		LR	LR	
J39A	comp=Z,16um,18.0s Decorah	28.93	5 P	P	07 39 05.3 -0.4
J31A	comp=Z,16um,18.0s Geddes	28.95	354 P	P	07 39 06.9 +0.9
J32A	comp=Z,16um,18.0s Parkston	28.95	355 P	P	07 39 06.3 +0.4
DECC	comp=Z,16um,18.0s Green Verdugo	28.99	317 P	P	07 39 08.5 +2.0
CDVI	comp=Z,16um,18.0s St. Croix	29.06	79 eP	P	07 39 07.0 -0.1
J30A	comp=Z,16um,18.0s Dallas	29.07	353 P	P	07 39 07.7 +0.7
J40A	comp=Z,16um,18.0s Soldiers Grove	29.07	6 P	P	07 39 06.9 -0.2
J41A	comp=Z,16um,18.0s Loganville	29.12	7 P	P	07 39 07.6 +0.2
EDW2	comp=Z,16um,18.0s Edwards Air Fo	29.15	318 P	P	07 39 09.5 +1.6
RWW	comp=Z,16um,18.0s Rawlins	29.20	341 eP	P	07 39 09.4 +0.9
SNCV	comp=Z,16um,18.0s San Nicolas Is	29.21	314 P	P	07 39 10.1 +1.6
SNCV	comp=Z,16um,18.0s		LR	LR	
ECSD	comp=Z,16um,18.0s EROS Data Cent	29.24	357 P	P	07 39 08.4 -0.2
ECSD	comp=Z,16um,18.0s		LR	LR	
ECSD	comp=Z,16um,18.0s		LR	LR	

2011 AUG

PSUT	comp=Z,76nm,1.3s	29.31	329 eP	P	07 39 11.2 +1.8
PSUT	comp=Z,76nm,1.3s		LR	LR	
I35A	comp=Z,76nm,1.3s Creeview Farm	29.32	360 P	P	07 39 09.1 -0.2
LRMC	comp=Z,76nm,1.3s Laurel Mtn Rad	29.33	320 P	P	07 39 11.7 +2.1
BLG	comp=Z,76nm,1.3s Laguna Peak, P	29.39	316 P	P	07 39 11.8 +1.7
AAM	comp=Z,76nm,1.3s Ann Arbor	29.40	17 eP	Pmax	07 39 08.8 -1.1
AAM	comp=Z,76nm,1.3s		LR	LR	
AAM	comp=Z,76nm,1.3s Ann Arbor	29.40	17 eP	Pmax	07 39 09.4 -0.5
AAM	comp=Z,76nm,1.3s		LR	LR	
O56A	comp=Z,76nm,1.3s Blue Knob Stat	29.41	26 P	P	07 39 09.1 -1.0
N54A	comp=Z,76nm,1.3s Moraine State	29.42	23 P	P	07 39 09.3 -0.9
TPNV	comp=Z,76nm,1.3s Topopah Spring	29.45	323 P	P	07 39 12.5 +1.9
TPNV	comp=Z,76nm,1.3s		LR	LR	
TPNV	comp=Z,76nm,1.3s Topopah Spring	29.45	323 eP	Pmax	07 39 13.1 +2.4
TPNV	comp=Z,76nm,1.3s		LR	LR	
TPNV	comp=Z,76nm,1.3s Topopah Spring	29.45	323 eP	Pmax	07 39 13.1 +2.4
TPNV	comp=Z,76nm,1.3s		LR	LR	
I39A	comp=Z,76nm,1.3s Houston	29.45	5 P	P	07 39 10.4 0.0
OSI	comp=Z,76nm,1.3s Osito Audit: C	29.46	317 P	P	07 39 12.5 +1.8
OSI	comp=Z,76nm,1.3s Osito Audit: C	29.46	317 eP	P	07 39 12.5 +2.2
OSI	comp=Z,76nm,1.3s		LR	LR	
FURC	comp=Z,76nm,1.3s Furnace Creek,	29.48	322 P	P	07 39 12.9 +2.2
SDMD	comp=Z,76nm,1.3s Soldier's Del	29.48	29 eP	P	07 39 10.5 -0.2
SDMD	comp=Z,76nm,1.3s		LR	LR	
I36A	comp=Z,76nm,1.3s Fitzsimmons Fa	29.49	1 P	P	07 39 10.6 -0.1
I37A	comp=Z,76nm,1.3s Lemond, Waseca	29.50	2 P	P	07 39 10.7 -0.2
I34A	comp=Z,76nm,1.3s Hadley	29.52	358 P	P	07 39 11.4 +0.4
I33A	comp=Z,76nm,1.3s Coleman	29.56	357 P	P	07 39 11.6 +0.2
I40A	comp=Z,76nm,1.3s Norwalk	29.58	6 P	P	07 39 11.6 +0.1
I32A	comp=Z,76nm,1.3s Kantley and Nic	29.58	356 P	P	07 39 11.6 +0.1
NLU	comp=Z,76nm,1.3s North Lily Min	29.58	333 eP	P	07 39 13.8 +2.0
NLU	comp=Z,76nm,1.3s		LR	LR	
I38A	comp=Z,76nm,1.3s Scanlan Farm,	29.58	4 P	P	07 39 11.3 -0.2
MPMC	comp=Z,76nm,1.3s Manual Prospec	29.59	321 P	P	07 39 13.2 +1.3
DAU	comp=Z,76nm,1.3s Daniels Canyon	29.60	334 eP	P	07 39 14.2 +2.1
DAU	comp=Z,76nm,1.3s Daniels Canyon	29.60	334 eP	P	07 39 14.2 +2.1
I31A	comp=Z,76nm,1.3s Royce, Wessing	29.66	355 P	P	07 39 13.1 +0.8
SCZ2	comp=Z,76nm,1.3s Santa Cruz Isl	29.71	315 P	P	07 39 14.6 +1.8
PCRV	comp=Z,76nm,1.3s Puerto La Cruz	29.79	95 P	P	07 39 14.1 +0.4
PCRV	comp=Z,76nm,1.3s		LR	LR	
DAR	comp=Z,76nm,1.3s Darwin (Calif)	29.79	321 eP	Pmax	07 39 15.5 +1.7
DAC	comp=Z,76nm,1.3s		LR	LR	
DAC	comp=Z,76nm,1.3s		LR	LR	
I41A	comp=Z,76nm,1.3s Arkada	29.83	7 P	P	07 39 13.6 -0.1
JLU	comp=Z,76nm,1.3s Jordanelle	29.84	334 eP	P	07 39 15.9 +1.8
JLU	comp=Z,76nm,1.3s		LR	LR	
ARVC	comp=Z,76nm,1.3s Arvin	29.84	318 P	P	07 39 15.9 +1.9
K22A	comp=Z,76nm,1.3s Casper	29.87	343 P	P	07 39 15.6 +1.2
K22A	comp=Z,76nm,1.3s Casper	29.87	343 eP	P	07 39 15.9 +1.6
K22A	comp=Z,76nm,1.3s		LR	LR	
ISA	comp=Z,76nm,1.3s Isabely Lake	29.95	319 P	P	07 39 16.6 +1.7
ISA	comp=Z,76nm,1.3s Isabella, Lake	29.95	319 eP	Pmax	07 39 17.0 +2.0
ISA	comp=Z,76nm,1.3s		LR	LR	
ISA	comp=Z,76nm,1.3s Isabella, Lake	29.95	319 eP	Pmax	07 39 17.0 +2.0
ISA	comp=Z,76nm,1.3s		LR	LR	
ALLY	comp=Z,76nm,1.3s Aleghey Cole	29.96	22 eP	P	07 39 14.6 -0.3
SSPA	comp=Z,76nm,1.3s Standing Stone	30.00	26 eP	P	07 39 14.5 -0.8
SSPA	comp=Z,76nm,1.3s		LR	LR	
M54A	comp=Z,76nm,1.3s Oil Creek Stat	30.02	23 P	P	07 39 14.5 -1.0
SBC	comp=Z,76nm,1.3s Santa Barbara	30.02	316 P	P	07 39 16.9 +1.4
H32A	comp=Z,76nm,1.3s Carlson Farm,	30.05	356 P	P	07 39 16.1 +0.4
H36A	comp=Z,76nm,1.3s Jessenland, H	30.05	1 P	P	07 39 15.9 +0.2
R11A	comp=Z,76nm,1.3s Troy Canyon, C	30.07	326 P	P	07 39 18.3 +2.1
R11A	comp=Z,76nm,1.3s Troy Canyon, C	30.07	326 eP	P	07 39 18.4 +2.2
R11A	comp=Z,76nm,1.3s		LR	LR	
H37A	comp=Z,76nm,1.3s Dierke Farm, C	30.09	3 P	P	07 39 16.2 +0.2
H31A	comp=Z,76nm,1.3s Wolsey	30.11	355 P	P	07 39 16.4 +0.3
DUG	comp=Z,76nm,1.3s Dugway, Tooele	30.11	332 P	P	07 39 18.0 +1.6
DUG	comp=Z,76nm,1.3s Dugway, Tooele	30.11	332 eP	Pmax	07 39 18.5 +2.1
DUG	comp=Z,76nm,1.3s		LR	LR	
DUG	comp=Z,76nm,1.3s Dugway, Tooele	30.			

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

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

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

NIED 13 09:09:00.36:50N,142:70E,h8km,Mw3.9 Best double couple: M=9.09000x10^14 NP1=223.00000; 835.00000, 1.24.00000... NP2=3.00000; 662.00000; 1.68.00000...

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEM2, NEM2, NEM2, NEM2, NEM2, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEM2, NEM2, NEM2, NEM2, NEM2, etc.

ISC/JB 13 09:22:53.7:0.5,39:12N:03:27.48E:0.04,h0km, Error ellipse: s-maj=5.0km s-min=3.8km az=22.1

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JIO Ouri, JIO Ofunato, JMK Ichinoseki, etc.

ADC 13 11:13:25.6:1.1, 30:39S:177:65W, h0km, mb4.4/5, mb1.4/6.5, mb1mx4.0/30, mbmp4.4/5, MS3.2/3, ms1mx2.9/23, Error ellipse: s-maj=31.0km s-min=19.5km az=102.0

NEIC 13 11:13:26.5:0.1, 30:59S:177:72W, h10km, mb4.5/2, Error ellipse: s-maj=26.2km s-min=10.9km az=107.0

ISC 13 11:13:31.0:1.1, 30:8S:0:1x177:9W:0.2, h35km, n31, e26/34, mb4.5/8, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RAO Raoul Island, HAZ Te Kaha, HAZ Puketiti, etc.

KRSC 13 11:26:59.8:2.4, 50:05N:159:44E, h98km, 33km, ML3.7, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SKR Severo-Kuril's, SKR Russkaya, RUS Russkaya, etc.

ADC 13 12:07:14.6:2.6, 22:51S:170:77E, h0km, mb3.9/4, mb1.1/5, mb1mx3.3/23, mbmp3.9/5, ML3.5/3.3/2, MS1.3/3.2, ms1mx2.9/23, Error ellipse: s-maj=39.1km s-min=35.4km az=164.0, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DZM Mont Dzumac, DZM Black Stump Fm, DZM Birch Farm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ASAR Alice Springs, WRR Warramunga Arr, CMA Chiang Mai Arr, etc.

ADC 13 12:16:20.9:0.5, 11:56N:142:95E, h0km, mb4.5/27, mb1.4/6.27, mb1mx4.5/42, mbmp4.5/27, MS4.5/34, Ms1.4/5.34, ms1mx4.4/40, Error ellipse: s-maj=20.2km s-min=10.6km az=78.0

MOS 13 12:16:24.5:1.3, 11:56N:142:72E, h33km, mb5.1/51, MS4.5/16, Error ellipse: s-maj=8.7km s-min=5.5km az=101.2

BUI 13 12:16:24.7, 11:51N:142:92E, h36km, mb4.7/53, mb5.1/50, Ms4.7/55, Ms7.4/6/53

DJA 13 12:16:25.9:2.1, 12:14N:14:3'E, h19km, 15km, M4.9/12, mb4.9/12, mb5.5/7, Mw(m)5.0/7

ISCJB 13 12:16:25.7:0.1, 11:55N:0:02-142:74E:0:03, h35km, mb4.9/142, MS4.6/63, Error ellipse: s-maj=3.7km s-min=3.2km az=35.9

NEIC 13 12:16:27.2:0.2, 11:57N:142:72E, h35km, mb5.2/63, Error ellipse: s-maj=5.4km s-min=4.2km az=115.0

GCMT 13 12:16:27.2:0.2, 11:45N:142:72E, h12km, MW5.0/99, Moment Tensor Solution, s52,c69; s99,c168; D:0; M:0; B:0; N:0; O:0; P:0; T:0; U:0; V:0; W:0; X:0; Y:0; Z:0

ISC 13 12:16:26.2:0.3, 11:63N:0:03-142:91E:0:04, h31km, 2km, h31km, p-P, n404, s1989/436, mb5.0/142, MS4.5/65, 12C-3D, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 115nm, 0.3s, baz=193, slow=8.2, SNR=125, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 81nm, 0.3s, baz=21, slow=22, SNR=7.3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 2.7jm, 20.8s, baz=218, slow=45, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUMO Guam, GUMO 142nm, 1.3s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CTAO Charters Tower, CTAO Sibiu, QIB Sibiu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WHN Wuhan, WHN Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WHN Warramunga Arr, WHN Warramunga Arr, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WHN Warramunga Arr, WHN Warramunga Arr, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Northport, Makayla and Ka, Okolona, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Santo Domingo, Mansfield, Cookes Peak, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Chiang Mai Arr, JMA 13 12:31:41.2, etc.

13d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MWZ Tuamarina, TUWZ Tahuaroa Road, etc.

IDC 13 14:30:02.0:1.0, 9.49N; 141.70E; 0.03h, h0km, mb3.7/6, mb1.3/9.8, mb1mx3.7/33, mbtpr3.7/8, ML3.9/2, MS2.8/4, Ms1.2/3.4, ms1mx2.6/34, Error ellipse: s-maj=3.6,0.0km s-min=17.7km az=219.0

ISCJB 13 14:30:04.5:0.2, 9.48N; 141.70E; 0.1, h33km, mb3.6/6, MS2.9/3, Error ellipse: s-maj=20.5km s-min=8.3km az=26.6

ISC 13 14:30:06.9:0.8, 9.5N; 141.70E; 0.2, h35km, n16, c083/9, mb3.6/6, MS2.7/3, Western Caroline Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO Guam, H11S1 WAKE ISLAND Hy 25.86, etc.

ISCJB 13 14:47:46.5:0.5, 49.82N; 0.04; 18.39E; 0.03h, h0km, Error ellipse: s-maj=5.8km s-min=2.4km az=21.0

IPEC 13 14:47:46.8:0.2, 49.82N; 18.56E; h0km, ML1.7/4, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

CSEM 13 14:47:47.5:0.3, 49.80N; 18.41E; h2km, ML2.8/8, Error ellipse: s-maj=7.5km s-min=3.2km az=21.0

PRU 13 14:47:48.3:0.4, 49.85N; 18.42E; h0km, n26, c093/49, 3D, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, LANS Liptovska Anna, etc.

ISK 13 14:54:02.6:37.24N; 28.25E; h3km, MD2.5

ISCJB 13 14:54:03.7:0.7, 37.25N; 0.04; 28.22E; 0.04h, h0km, Error ellipse: s-maj=6.5km s-min=4.1km az=18.2

DDA 13 14:54:03.5:37.22N; 28.11E; h7km, MD2.6, Suspected Mining explosion.

CSEM 13 14:54:03.9:0.3, 37.22N; 28.21E; h5km, MD2.5, Error ellipse: s-maj=7.1km s-min=5.3km az=2.0

ISC 13 14:54:01.2:1.0, 37.17N; 0.04; 28.20E; 0.03h, h0km, n17, c064/25, Turkey

2011 AUG

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MLBS Milas, TURN Turunc, DALY Dalyan, etc.

ISCJB 13 15:06:45.6:0.6, 40.91N; 0.04; 35.83E; 0.05h, h0km, Error ellipse: s-maj=7.1km s-min=3.5km az=40.3

CSEM 13 15:06:45.4:0.2, 40.93N; 35.79E; h12km, MD2.6, Error ellipse: s-maj=8.3km s-min=4.2km az=135.0

ISK 13 15:06:45.1:0.9, 40.97N; 35.78E; h14km, MD2.4, DDA 13 15:06:46.0:40.94N; 35.79E; h7km, MD2.6

ISC 13 15:06:45.1:0.9, 40.92N; 0.03; 35.83E; 0.03h, h0km, n17, c119/30, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HAVZ Havza, KAVK Kavak, SAMS Samsun-Alacam, etc.

JMA 13 15:09:00.6:0.1, 24.09N; 121.57E; h56km, 1km

ISCJB 13 15:09:01.8:0.3, 24.14N; 0.02; 121.67E; 0.02h, h54km, 4km, Error ellipse: s-maj=3.8km s-min=2.2km az=43.7

TAP 13 15:09:01.4:2.24; 14N; 121.67E; h53km, ML3.1, C

ISC 13 15:09:02.4:1.2, 24.14N; 0.02; 121.66E; 0.03h, h49km, 6km, n48, c064/95, 1D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWD Chiawan, HWA Hwalien, ENA Nanau, etc.

614

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWB1 Santiao Chiao, WNT Mingjin, WNT Wufen Shan, etc.

NIED 13 15:11:00.37; 00N; 141.40E; h5km, Mw3.7 Best double couple: M=4.07000x10^14 NPI=1.75; 0.00000; 0.45; 0.00000, lambda=114.00000. NP2=0.27; 0.00000; 0.649; 0.00000, lambda=68; 0.00000

ISCJB 13 15:11:03.4:1.1, 37.01N; 0.03; 141.49E; 0.05h, h82km, 6km, Error ellipse: s-maj=6.5km s-min=5.1km az=16.9

IDC 13 15:11:04.8:0.9, 37.01N; 141.29E; h0km, mb3.5/5, mb1.3/7.8, mb1mx3.5/45, mbtpr3.6/8, ML3.3/3, MS2.7/2, Ms1.2/7.2, ms1mx2.3/42, Error ellipse: s-maj=31.4km s-min=17.8km az=109.0

JMA 13 15:11:05.4:0.1, 37.02N; 141.39E; h27km, 1km, M3.7 JMA Felt J1

ISC 13 15:11:05.8:1.9, 37.05N; 0.04; 141.32E; 0.06h, h10km, 11km, n25, c090/30, mb3.6/5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ONAJ Iwakimizuishi, JFK Kawauchi, JHO Hitachi, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like KMI, KNRA, SHL, MTN, NWA0, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like WMQ, Urumqi, CMSA, SONM, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like X35A, Y34A, W37B, etc.

CSEM 13 16:20:57.1±0.6, 51.55N±16.13E, h1km, ML2.6/4, Error ellipse: s-maj=8.6km s-min=5.6km az=2.0

WAR 13 16:20:58.0, 51.55N-16.11E, h1km PRU 13 16:20:58.6, 51.50N-16.14E, h0km, Poland

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSP, KSI, etc.

CASC 13 16:26:36.0±0.8, 12.90N-89.06W, h45km±16km, ML4.0, 9C-8D, Off coast of central America

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AIES, LFRS, SNVI, etc.

ISCJB 13 16:47:32.8±1.2, 35.03N-0.08±26.75E, 0.04, h9km, 5km, Error ellipse: s-maj=14.7km s-min=3.6km az=162.4

13d 17h

DDA 13 16:47:34.2, 35.18N-27.02E, h6km, Md2.9
ISC 13 16:47:33.2, 1.8, 35.0N, 0.1, 26.73E, 0.04, h6km, gkm, n28,
c069/44, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ZKR Zakros, KARP Karpathos, NPS Neapolis, LAST Lasithi, ARG Arhangelos, etc.

CSEM 13 16:47:50.0, 2.0, 39.75N-30.21E, h5km, MD2.5, Error
ellipse: s-maj=4.1km s-min=3.3km az=28.0
ISK 13 16:47:50.2, 39.69N, 30.22E, h12km, MD2.7
DDA 13 16:47:51.1, 39.75N, 30.28E, h7km, MD2.5
ISC 13 16:47:50.5, 1.1, 39.73N, 0.0, 30.22E, 0.02, h6km, gkm,
n25, c062/37, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BORA Eskisehir, SVRH Sivrihisar-ESK, MDVB Mudurnu, etc.

IDC 13 16:54:33.2, 2.6, 29.64S-175.98W, h0km, mb3.6/2,
mb1 3.8/3, mb1mx3.5/34, mbtmp3.6/3, ML3.0/1, MS2.9/1,
MS1 2.9/1, ms1mx2.6/18, Error ellipse: s-maj=51.2km
s-min=33.7km az=115.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like RAO Raoul Island, URZ Urewera, etc.

IDC 13 16:58:42.8, 0.8, 33.32N-68.76E, h0km, mb3.9/15,
mb1 4.1/20, mb1mx3.9/54, mbtmp4.0/20, ML3.6/5, MS3.2/8,
M4 3.2/8, ms1mx2.9/34, Error ellipse: s-maj=19.8km
s-min=14.7km az=23.0
ISCJB 13 16:58:46.0, 0.5, 33.38N, 0.0, 68.71E, 0.06, h35km,
mb4.0/23, MS3.2/8, Error ellipse: s-maj=7.4km
s-min=6.8km az=41.6
MOS 13 16:58:47.0, 0.9, 33.46N-68.82E, h36km, mb4.2/17, Error
ellipse: s-maj=12.5km s-min=7.1km az=92.4
NEIC 13 16:58:48.2, 0.5, 33.41N-68.79E, h35km, mb4.3/1, Error
ellipse: s-maj=9.6km s-min=9.5km az=216.0
ISC 13 16:58:47.9, 0.7, 33.32N, 0.0, 68.71E, 0.07, h35km, n48,
c1935/54, mb4.0/23, MS3.2/8, 2C-3D, Southeastern
Afghanistan

2011 AUG

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BHK Bhakra, GYTT Alikeeb, KKAR Kararay Array, etc.

618

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

MAN 13 17:04:51.10, 0.05N-121.81E, h10km, mb4.8, ML3.7, MS3.7,
1C-3D, Panay

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JAP San Jose, GUM Jordan, etc.

IDC 13 17:33:22.3, 7.0, 31.27S-179.19W, h252km, 68km, mb3.4/4,
mb1 3.6/5, mb1mx3.2/24, mbtmp4.1/5, Error ellipse:
s-maj=64.3km s-min=26.8km az=111.0
ISC 13 17:33:23.2, 1.2, 31.28S-179.08W, 0.02, h250km, n33,
c2805/43, mb3.8/4, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MXZ Matakaoa Point, WNGZ Waiomatatini S, etc.

IDC 13 17:04:02.7, 1.0, 3.69S-145.75E, h0km, mb4.0/9,
mb1 4.3/11, mb1mx4.1/28, mbtmp4.1/11, ML4.3/1, MS3.6/3/8,
M4 3.6/13, ms1mx3.5/59, Error ellipse: s-maj=34.4km
s-min=16.0km az=88.0
ISCJB 13 17:04:03.7, 0.4, 3.66S, 0.0, 145.87E, 0.07, h25km,
mb4.3/16, MS3.6/11, Error ellipse: s-maj=10.0km
s-min=5.9km az=172.5
NEIC 13 17:04:06.8, 0.3, 3.68S-145.93E, h35km, mb4.7/12, Error
ellipse: s-maj=9.9km s-min=6.8km az=94.0
ISC 13 17:04:05.6, 0.6, 3.61S, 0.0, 145.94E, 0.09, h25km, n47,
c1520/42, mb4.2/16, MS3.6/11, Near north coast of New
Guinea

Table with columns: ID, Name, Az, El, SNR, P, PKP, Az, El, SNR, P, PKP. Rows include stations like X34A Smith Ranch, R43A Red Buc, W35A Tecumseh, etc.

Table with columns: ID, Name, Az, El, SNR, P, PKP, Az, El, SNR, P, PKP. Rows include stations like 236A Katherine and baz=322, 533A Kerrville, 335A Mlody, etc.

Table with columns: ID, Name, Az, El, SNR, P, PKP, Az, El, SNR, P, PKP. Rows include stations like IVAS Ivanjica, IVAS Ivanjica, BBLs Lazi#263:i, etc.

IDC 13 20:27:29.9,0.8,5.49N:77:52W,h0km,mb3.8/9, mb1.4/0.11,mb1mx3.9/28,mb10km3.8/11,ML3.3/2, Error ellipse: s-maj=28.2km s-min=18.0km az=42.0

Table with columns: Code, Station Name, Az, El, SNR, P, PKP, Az, El, SNR, P, PKP. Rows include stations like SOLL Bahia Solano, MALC Bahia Malaga, MALC Bahia Malaga, etc.

ISCJB 13 20:30:50.4,0.2,5.63N:0:03:77:63W,0:02,h19km, mb4.6/196,MS3.9/10, Error ellipse: s-maj=5.0km s-min=3.1km az=23.5

Table with columns: Code, Station Name, Az, El, SNR, P, PKP, Az, El, SNR, P, PKP. Rows include stations like SOLL Bahia Solano, MALC Bahia Malaga, MALC Bahia Malaga, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ROSC, TUMC, BARRC, BARC, RUSC, SDV, SDV, SDV, SDV, TGUH, GTBY, SDDR, IDE, MPR, CELP, SJJG, HUMP, CBYP, NNA, STVI, TEIG, ABVI, PTGA, PTGA, GDHS, SMRT, SAML, CMIG, LPAZ, LPAZ, TLIG, TIGA, PB11, SIV, LRAL, JSC, ZAIG, SWET, NATX, CCAR, WLAR, BLA, WWT, HALT, UALR, WHTX, UTMT, GLAT, MIAR, JCT, CBN, X301, WHAR, PARMO, PBMO, WCI, USIN, SIUC, ABTX, MCWV, LTX, LTXR, TXAR, TXG1, HPIG, MVL, OLIL, BLO, TUL1, W34A, WMOK, V34A, PAL, SFIN, U34A, YLE, KSPA, BDFB, BDFB, BINY, MSTX, AMTX, MNXX, AAM, CRV, HPV, CPUP.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CPUP, NCB, LBHN, JFWS, ROC1, BNM, 319A, PLVO, ANMO, T25A, KRSC, TQCO, TSDC, OGNE, ECSD, X18A, Q24A, S22A, W18A, MVCO, VLDO, ISCO, X16A, PV01, PV15, WUAZ, PV05, MOHAV, PHWY, PV09, EYMM, GLA, U15A, Y12C, W13A, SRU, PKCU, RSSD, KNB, P18A, K22A, MTPU, P17A, LCMT, TMUT, BAR, MSU, LDFC, SZCU, CCUT, TCRU, PFO, HEB, SHPR, NLU, JLU, PSUT, TCUT, PLCA, PLCA, PLCA, PD31, PDAR, PDAR, GSC, DUG, HWUT, ULM, ULM, ULM, BGU, AHID, R11A, REDW, SNOW, LOHW, HPU, TPW, MPOW, FXWY, FLWY, IMW, YFT, TIN, YMR, YHH, GCMT, QLMT.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TVH2, TVH3, TVH1, TVH1, BMN, BOZ, MCMT, HLID, SCHO, SCHO, SCHO, PMPB, DLMT, WAKR, YERR, MFID, CBSNC, WVOR, BMO, MOD, BSMT, FFC, F10A, WALA, WDC, E9A, KMRM, KHMM, G06A, D08A, B08A, F04A, LON, D05A, F03A, B06A, E03A, NLWA, B928, YKA, TAOE, DLBO, SKAG, WHY, HYT, PMSA, SUMG, SUMG, TIC, DBIC, DBIC, DBIC, KIC, INK, KOWA, DAWY, ESDC, ES19, EGAK, BMRM, MENT, PPT2, DOT, PAX, SCM, SML, HDA, IL1, ILAR, ILB, PMR, PUH, RC01, UWB, UWE, RND, MCK, BRKL, MDM, KTH, SPU, SPO, PPLA, CAST, TOA1, TOA1, TOA1, SVW2, KEKH.

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

IS/CJB 13 23:29:35.9±0.6, 5:36S, 0:07x150:3E±0.1, h135km, mb4.1/15, Error ellipse: s-maj=16.5km s-min=7.6km az=20.9

IDC 13 23:29:41.6±1.6, 5:52S, 150:17E, h174km, 14km, mb3.7/14, mb1.3/8.16, mb1mx2.7/31, mbtmp4.2/16, MS2.5/1, Ms1.2/5.1, ms1mx2.1/26, Error ellipse: s-maj=16.7km s-min=9.2km az=105.0

ISC 13 23:29:37.3±0.7, 5:41S, 150:20E±0.1, h135km, n20, ±2524/24, mb4.1/15, New Britain region

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

CSEM 13 23:33:06.1±0.2, 67.81N±20.32E, h2km, ML1.7, Error ellipse: s-maj=6.0km s-min=5.0km az=170.0, Mining explosion

HEL 13 23:33:06.1±0.0, 67.83N±20.19E, h0km, ML1.4, ML1.7(UP), Explosion

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUA Kurravaara, NIKU Nikkaloouta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIKU Nikkaloouta, LANU Lannavaara, MASU Masugnsbyn, etc.

UPP 13 23:36:19.2, 67.84N±20.20E, h0km, ML1.3, Mining explosion

CSEM 13 23:36:19.2, 67.84N±20.20E, h0km, ML1.3, Mining explosion

HEL 13 23:36:19.8±0.0, 67.84N±20.18E, h0km, ML1.3(UP), Explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUA Kurravaara, NIKU Nikkaloouta, etc.

DDA 13 23:39:40.6, 35.51N±29.17E, h23km, Md3.3, ATH 13 23:39:41.4, 35.52N±29.36E, h24km, 3km, ML2.7/2, Error ellipse: s-maj=7.2km s-min=1.2km az=334.0

ISC 13 23:39:41.2, 35.56N±29.27E, h8km, MD3.4, Error ellipse: s-maj=5.6km s-min=5.6km az=165.7

CSEM 13 23:39:43.9±0.2, 35.63N±29.26E, h15km, ML2.7, Error ellipse: s-maj=5.6km s-min=3.0km az=160.0

ISC 13 23:39:43.9±1.5, 35.61N±29.27E±0.03, h14km±10km, n54, ±0.91/67, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSL Kastellorizon, AKAS Kas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LAST Lasithi, TEKE Tekeli-Mersin, etc.

ISC/JB 13 23:45:02.1±0.4, 49.89N±0.03±18.49E±0.03, h0km, Error ellipse: s-maj=4.2km s-min=2.2km az=15.5

CSEM 13 23:45:03.6±0.2, 49.82N±18.49E, h1km, ML3.0/8, Error ellipse: s-maj=5.7km s-min=3.1km az=14.0

IPEC 13 23:45:03.8±0.2, 49.82N±18.58E, h0km, ML2.2/4, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

PR 13 23:45:06.3, 49.83N±18.38E, h0km, ISC 13 23:45:03.6±0.2, 49.85N±18.03±18.53E±0.02, h0km, n45, ±0.97/81, 1C-8D, Czech and Slovak Republics

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

DDA 13 23:39:40.6, 35.51N±29.17E, h23km, Md3.3, ATH 13 23:39:41.4, 35.52N±29.36E, h24km, 3km, ML2.7/2, Error ellipse: s-maj=7.2km s-min=1.2km az=334.0

ISC 13 23:39:41.2, 35.56N±29.27E, h8km, MD3.4, Error ellipse: s-maj=5.6km s-min=5.6km az=165.7

CSEM 13 23:39:43.9±0.2, 35.63N±29.26E, h15km, ML2.7, Error ellipse: s-maj=5.6km s-min=3.0km az=160.0

ISC 13 23:39:43.9±1.5, 35.61N±29.27E±0.03, h14km±10km, n54, ±0.91/67, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSL Kastellorizon, AKAS Kas, etc.

NIED 13 23:52:00.39±90N, 143:40E, h20km, Mw3.7, Best double couple: M3.70000±1014, NP1.9±179.00000, R22.00000, 1.46.00000, NP2.9±46.00000, S71.00000, L109.00000

ISC/JB 13 23:52:52.3±0.7, 39.82N±0.05±143.51E±0.06, h6km, mb3.6/8, MS2.8/2, Error ellipse: s-maj=8.8km s-min=5.7km az=144.0

IDC 13 23:52:52.5±1.2, 39.81N±143.61E, h0km, mb3.7/8, mb1.3/7.11, mb1mx3.5/52, mbtmp3.7/11, ML3.0/3, MS2.7/5, Ms1.2/7.5, ms1mx2.5/35, Error ellipse: s-maj=31.0km s-min=21.1km az=83.0

JMA 13 23:52:53.6±0.3, 39.90N±143.37E, h22km, gkm, Mw3.7, ISC 13 23:52:53.8±1.0, 39.84N±143.41E±0.06, h6km, n33, ±1.81/27, mb3.7/8, Off east coast of Honshu

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, ISC. Includes stations like MIJV, JANG, JOM, etc.

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

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

IDC 14 00:00:47.71.9.42.99N:47.98E, h0km, mb3.4/1, mb1 3.4/5, mb1mx3.1/38, mbtmp3.5/3, ML3.1/3, MS2.9/2, Ms1 2.9/2, ms1mx2.0/36, Error ellipse: s-maj=25.1km s-min=15.6km az=41.0

AB31 Akbulak array 10.47 48 Pn 0.3nm, 0.5s, baz=237, slown=15, SNR=6.4

IDC 14 00:45:26.2.0.8.33.33S:72.51W, h0km, mb4.0/6, mb1 4.2/9, mb1mx3.9/30, mbtmp4.0/9, ML4.2/3, MS3.3/2, Ms1 3.2/2, ms1mx3.0/24, Error ellipse: s-maj=34.9km s-min=19.6km az=88.0

CSEM 14 00:00:50.3.0.2.42.74N:48.03E, h2km, mb4.0, Error ellipse: s-maj=4.9km s-min=4.1km az=41.0

AB31 Akbulak array 10.47 48 Pn 0.3nm, 0.5s, baz=237, slown=15, SNR=6.4

NEIC 14 00:45:29.0.33.31S:72.40W, h35km, mb4.6/10, ML4.1(GUC), After GUC.

MOS 14 00:00:51.1.1.0.42.74N:48.01E, h19km, mb4.0/1, Error ellipse: s-maj=6.9km s-min=5.3km az=8.7

AB31 Akbulak array 10.47 48 Pn 0.3nm, 0.5s, baz=237, slown=15, SNR=6.4

NEIC 14 00:45:29.1.0.4.33.31S:72.40W, h35km, mb4.1, Error ellipse: s-maj=8.0km s-min=6.8km az=9.9

ISC 14 00:00:48.9.1.4.42.79N:0.03.48.10E:0.03, h1km, 10km, n93, i168/147, 10C-1D, Caspian Sea

AB31 Akbulak array 10.47 48 Pn 0.3nm, 0.5s, baz=237, slown=15, SNR=6.4

NEIC 14 00:45:29.1.0.4.33.31S:72.40W, h35km, mb4.1, Error ellipse: s-maj=8.0km s-min=6.8km az=9.9

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

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

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

ISC 14 00:23:15.1.1.2.52.52N:1.016954W:0.07, h40km, n24, a212/28, Fox Islands

ISC 14 00:23:15.1.1.2.52.52N:1.016954W:0.07, h40km, n24, a212/28, Fox Islands

ISC 14 00:23:15.1.1.2.52.52N:1.016954W:0.07, h40km, n24, a212/28, Fox Islands

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

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

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

MEX 14 00:35:00.39.00N:144.10E, h8km, Mw3.7 Best double couple: M3.360000*1014 NP1%348.00000*, 819.00000*, -1.105.00000*, NP2%184.00000*, 871.00000*, -1.85.00000*

MEX 14 00:35:00.39.00N:144.10E, h8km, Mw3.7 Best double couple: M3.360000*1014 NP1%348.00000*, 819.00000*, -1.105.00000*, NP2%184.00000*, 871.00000*, -1.85.00000*

MEX 14 00:35:00.39.00N:144.10E, h8km, Mw3.7 Best double couple: M3.360000*1014 NP1%348.00000*, 819.00000*, -1.105.00000*, NP2%184.00000*, 871.00000*, -1.85.00000*

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like T34A, T37A, T1A1, etc.

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

ISC/JB 14 00:55:42.6:0.5, 16:43N:0:06:94:89W:0:04, h12km, 5km, mb4.2/1, Error ellipse: s-maj=10.7km s-min=6.2km

NEIC 14 00:55:45.7: 16:57N:94:92W, h100km, mb4.1/7, MD4.2(MEX), After MEX.

MEX 14 00:55:45.7: 16:57N:94:92W, h100km, 33km, MD4.2

ISC 14 00:55:44.8:0.9, 16:59N:0:06:94:96W:0:04, h108km, 10km, n107, s165/116, Oaxaca

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Q35A, P40A, P41A, etc.

BJI 14 01:04:57.4, 37:44N:21:48E, h10km, mb4.7/37, mb4.9/25, Ms4.7/20, Ms7.4, 3/19

IDC 14 01:05:00.5:0.4, 37:31N:22:04E, h0km, mb4.5/28, mb4.8/42, mb1mx4.6/51, mbtmp4.5/42, ML3.8/13, MS4.1/27, Ms4.1, 4.1/27, ms1mx4.0/50, Error ellipse: s-maj=10.4km s-min=9.9km az=153.0

ISC/JB 14 01:05:01.6:0.3, 37:21N:0:01:21:94E:0:01, h12km, 2km, mb4.8/173, MS4.3/30, Error ellipse: s-maj=1.8km s-min=1.5km az=17.6

PDG 14 01:05:01.8:0.8, 37:26N:21:91E, h3km, 1km, ML4.4/11, Error ellipse: s-maj=0.8km s-min=0.8km az=90.0

ATH 14 01:05:01.9, 37:25N:22:01E, h14km, 1km, ML4.5/17, Error ellipse: s-maj=1.1km s-min=0.6km az=295.0

CSEM 14 01:05:02.4:0.1, 37:23N:21:96E, h10km, mb4.8/28, ML4.4/5, MW4.9, Error ellipse: s-maj=2.5km s-min=1.8km az=23.0

GCMT 14 01:05:02.5:0.2, 37:39N:21:81E, h12km, MW5.0/76, Moment Tensor Solution, s46, e55, s76, t26; Duration: 0

Moment tensor: Scale 1010Nm; Mr=3.06; M1: 0.25; M2: 0.28; M3: 0.10; M4: 0.11; M5: 0.88; M6: 0.63; M7: 0.27; Best double couple: M3, 28700x1016

NP1: 330.00000, 855.00000, -1.105.00000; NP2: 175.00000, 338.00000, -1.69.00000; Principal axes: T 3.2070, Plg8.0000, Azm71.0000; N 0.1520, Plg13.0000, Azm339.0000; P -3.3670, Plg75.0000

Azm194.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 14 01:05:02.5, 37:23N:22:01E, h0km, mb4.9/110, MW4.9, ML4.6(THE), Moment Tensor Solution, s33 Moment tensor: Scale 1010Nm; Mr=3.34; M1: 1.50; M2: 1.84; M3: 1.02; M4: -1.15; M5: -0.05; Best double couple: M3, 30000x1016 NP1: 308.00000, 852.00000, -1.103.00000; NP2: 148.00000, 839.00000, -1.74.00000; Principal axes: T 2.9200, Plg7.0000, Azm47.0000; N 0.6300, Plg10.0000, Azm316.0000; P -3.5500, Plg78.0000; Azm170.0000; After THE.

MOS 14 01:05:02.6: 1.1, 37:37N:22:04E, h22km, mb5.0/60, mb4.1/31, Error ellipse: s-maj=5.1km s-min=3.0km az=91.1

THE 14 01:05:02.5, 37:23N:22:01E, h0km, ML4.6/27, Error ellipse: s-maj=1.0km s-min=0.4km az=219.0

HLW 14 01:05:04.3, 37:13N:22:75E, h12km, 23km, MD4.4, M4.5

ISC 14 01:05:02.2:0.6, 37:24N:0:01:22:01E:0:01, h11km, 3km, n1222, s134/1415, mb4.9/173, MS4.2/30, 47C-28D, Southern Greece

GUC 14 00:58:53.9:0.7, 22:43S:67:89W, h162km, 6km, ML3.5, 2C, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC, PB09, PB06, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC, PB09, PB06, etc.

Code Station Name Az Az' Phase ID Time Res. Includes stations like ITM, VIX, etc.

ISC/JB 14 01:03:18.5:0.5, 24:74N:0:03:122:34E:0:02, h1km, 4km, Error ellipse: s-maj=5.2km s-min=3.1km az=8.8

TAP 14 01:03:19.7, 24:76N:122:19E, h3km, 1km, ML2.7, JMA 14 01:03:19.6:0.1, 24:69N:122:34E, h39km, 4km, MD.2

ISC 14 01:03:18.1: 1.2, 24:79N:0:04:122:35E:0:03, h10km, 9km, n24, s074/42, 6C, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EGS, TWB1, NWF, etc.

ISC/JB 14 01:03:18.5:0.5, 24:74N:0:03:122:34E:0:02, h1km, 4km, Error ellipse: s-maj=5.2km s-min=3.1km az=8.8

TAP 14 01:03:19.7, 24:76N:122:19E, h3km, 1km, ML2.7, JMA 14 01:03:19.6:0.1, 24:69N:122:34E, h39km, 4km, MD.2

ISC 14 01:03:18.1: 1.2, 24:79N:0:04:122:35E:0:03, h10km, 9km, n24, s074/42, 6C, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EGS, TWB1, NWF, etc.

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

14d 1h

2011 AUG

Table with columns for station name, frequency, power, and signal strength. Includes stations like MHL0, LOUT, ZKS, KALE, SERG, DSF, PROD, KYTH, VLS, PVO, ATH, LKR, ATAL, PTL, EVR, ANKY, AGG, MHLO, and SOKA. Each row contains detailed technical and signal data.

comp=Z,16nm,0.8s						comp=Z,41nm,5.3s					SCM	Sheep Creek Mo	80.90 355	eP	P					
TLY	Talaya	57.06	47	eP	P	MDJ					SCM	Sheep Creek Mo	80.90 355	eP	P					
TLY	comp=Z,6.0nm,1.0s				pmax	FYU	comp=Z,270nm,13.7s		LR	LR	SCM	Sheep Creek Mo	80.90 355	eP	P					
TLY	comp=Z,183nm,18.0s				MLR	NJ2	Fort Yukon	76.06 355	eP	P		H34A	Spellman Lake,	80.99 320	P	P				
ZAK	Zakamensk	57.29	49	eP	P	MDJ	comp=Z,12nm,0.5s				SML	Sawmill	80.99 355	eP	P					
ZAK	comp=Z,5.0nm,1.2s				pmax	MDJ	comp=Z,12nm,0.5s				SML	Sawmill	80.99 355	eP	P					
MATP	Matopo	57.68	173	LR	LR	FFC	Flin Flon	76.58 321	P	P		SML	comp=Z,14nm,0.5s							
GTA	Gaotai	59.23	62	eP	P	FFC	Flin Flon	76.58 330	eP	pmax		J36A	Seneca 1, Swea	81.17 319	P	P				
GTA	comp=Z,236nm,20.6s				pmax	FFC	comp=Z,4.0nm,0.8s				Q44A	Meyer Farm, Va	81.17 313	P	P					
GTA	comp=Z,6.0nm,1.0s				pmax	FFC	comp=Z,3.8nm,0.8s				K37A	Belmond	81.18 318	P	P					
GTA	comp=Z,40nm,5.0s				pmax	FFC	Sawbill Land,	76.62 320	P	P		L38A	Oak Wood Farm,	81.24 317	P	P				
GTA	comp=Z,99nm,20.9s				LR	FFC	comp=Z,4.7nm,0.9s				M39A	Webster	81.26 316	P	P					
GTA	comp=Z,110nm,20.0s				LR	FFC	comp=Z,19nm,1.0s				G32A	Webster	81.44 322	P	P					
SCHO	Schefferville	59.95	318	P	P	FFC	Ussuriysk Ar.	77.15 44	P	P		H33A	Prehn Over Nor	81.47 321	P	P				
SCHO	comp=Z,9.0nm,0.8s				pmax	FFC	Lac du Bonnet	77.15 324	eP	P		P42M	Winchester	81.50 314	P	P				
SCHO	Schefferville	59.95	318	eP	P	FFC	comp=Z,6.6nm,0.7s				B35A	Bob, Littlefor	81.56 579	+0.5						
TIXI	Tiksi	60.12	20	eP	P	FFC	comp=Z,2.8nm,0.8s				D37A	Cotton	81.56 579	+2.6						
TIXI	comp=Z,8.9nm,0.8s				pmax	FFC	comp=Z,1.7nm,1.8s				KULM	Kulim	81.56 594	-0.5						
SONAT	Songjio Array	60.14	51	eP	P	FFC	comp=Z,14nm,1.3s				B34A	Bob, Littlefor	81.56 594	-0.5						
SONM	comp=Z,3.8nm,1.0s				pmax	FFC	comp=Z,1.7nm,1.0s				B34A	Aery, Baudette	81.56 599	+0.5						
SONM	comp=Z,4.8nm,0.9s				pmax	FFC	comp=Z,1.7nm,1.0s				MDM	Murphy Dome	81.56 602	+0.8						
BOD	Bodaibo	60.39	38	eP	P	FFC	comp=Z,2.9nm,1.1s				MDM	comp=Z,2.9nm,1.1s								
BOD	comp=Z,1.6nm,1.0s				pmax	FFC	Prapat	77.89 96	eP	P		PSI	Prapat	77.89 96	eP	P				
PALK	Pallekele	60.84	104	eP	P	FFC	comp=Z,15nm,0.7s				PSI	comp=Z,15nm,0.7s								
PALK	Pallekele	60.84	104	eP	P	FFC	comp=Z,15nm,0.7s				COLA	College	77.91 356	eP	P					
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax		COLA	College	77.91 356	eP	pmax				
RES	Resolute Bay	61.00	344	LR	LR	COLA	College	77.91 356	eP	pmax										

14d 1h

2011 AUG

636

T40A	Mansfield	84.40	313	P	P	01 17 35.2 +0.3
LAO	LASA Array	84.43	327	P	P	01 17 35.6 +0.7
LAO	LASA Array	84.43	327	eP	P	01 17 36.2 +1.3
R38A	Fenwick Farm,	84.48	315	P	P	01 17 36.0 +0.8
S39A	Boliva	84.49	314	P	P	01 17 36.0 +0.8
BGNE	Belgrade	84.53	319	P	P	01 17 36.3 +0.9
BGNE	Belgrade	84.53	319	eP	P	01 17 36.6 +1.2
U41A	Viola	84.60	312	P	P	01 17 36.6 +0.8
O34A	Beatrice	84.63	318	P	P	01 17 36.7 +0.7
V42A	Cord	84.64	311	P	P	01 17 37.0 +1.0
P35A	Duane Minner,	84.73	317	P	P	01 17 36.7 +0.2
147A	Livingston	84.81	307	P	P	01 17 37.3 +0.4
Q36A	Arnold C. Orve	84.82	316	P	P	01 17 37.2 +0.3
Y45A	Yeager Farm, C	84.82	309	P	P	01 17 37.3 +0.3
EGMT	Eagleton	84.85	330	P	P	01 17 37.7 +0.7
EGMT	Eagleton	84.85	330	eP	P	01 17 37.9 +0.9
248A	Dixon Mills	84.85	307	P	P	01 17 38.2 +1.0
S38A	Stockton	84.87	314	P	P	01 17 37.9 +0.7
Z46A	Louisville	84.89	308	P	P	01 17 38.1 +0.8
R37A	Teagarden Farm	84.92	315	P	P	01 17 37.9 +0.5
T39A	Cleaver	84.93	313	P	P	01 17 38.7 +0.9
M31A	Lambrecht Ranc	85.00	320	P	P	01 17 38.6 +0.8
N32A	Stulken Farm,	85.06	319	P	P	01 17 39.2 +1.1
V41A	Mountainview	85.12	312	P	P	01 17 39.3 +0.8
U40A	Yellville	85.14	313	P	P	01 17 39.3 +0.8
P34A	Walnut Farm, R	85.15	317	P	P	01 17 39.3 +0.8
Y44A	Strider, Charl	85.17	309	P	P	01 17 39.3 +0.6
O33A	Hebron	85.18	318	P	P	01 17 39.2 +0.4
X43A	Marvell	85.21	310	P	P	01 17 39.3 +0.4
Q35A	Mercer Eighty,	85.21	316	P	P	01 17 39.2 +0.3
KDAK	Kodiak Island	85.23	357	eP	Pmax	01 17 39.3 +0.7
KDAK	Kodiak Island	85.23	357	eP	Pmax	01 17 39.3 +0.7
Z45A	Winona	85.24	309	P	P	01 17 39.2 +0.1
R36A	Gordon, Harris	85.29	316	P	P	01 17 39.7 +0.4
S37A	Fort Scott	85.31	315	P	P	01 17 39.7 +0.4
KSU1	Kansas State U	85.35	317	P	P	01 17 40.1 +0.5
KSU1	Kansas State U	85.35	317	eP	P	01 17 40.2 +0.5
348A	Jackson	85.40	306	P	P	01 17 40.4 +0.4
O32A	Brockman Farm,	85.42	318	P	P	01 17 40.0 +0.1
RSSD	Black Hills	85.42	324	P	P	01 17 40.6 +0.5
RSSD	Black Hills	85.42	324	eP	Pmax	01 17 40.9 +0.8
RSSD	Black Hills	85.42	324	eP	Pmax	01 17 40.9 +0.8
RSSD	Black Hills	85.42	324	eP	Pmax	01 17 40.9 +0.8
247A	Quitman	85.44	307	P	P	01 17 40.3 +0.2
U39A	Green Forest	85.49	313	P	P	01 17 40.6 +0.3
V40A	Witts Springs	85.50	312	P	P	01 17 40.6 +0.2
T38A	Diamond	85.50	314	P	P	01 17 40.4 +0.0
W41B	Gary Mavity, V	85.59	311	P	P	01 17 41.3 +0.5
WALA	Waterton Lakes	85.60	333	eP	P	01 17 41.1 +0.3
X42A	Stuttgart	85.64	311	P	P	01 17 41.5 +0.5
Q34A	Chapman	85.66	317	P	P	01 17 41.3 +0.2
R35A	Emporia Municl	85.68	316	P	P	01 17 41.8 +0.6
448A	Bay Minette	85.69	306	P	P	01 17 41.9 +0.5
P33A	Williams Farm,	85.70	318	P	P	01 17 42.0 +0.7
S36A	Lake Cedric, C	85.76	315	P	P	01 17 42.2 +0.5
MAJO	Matsushiro	85.79	46	eP	Pmax	01 17 41.3 -0.5
MAJO	Matsushiro	85.79	46	eP	Pmax	01 17 41.3 -0.5
MAT	Matsushiro	85.79	46	eP	P	01 17 41.5 -0.3
MJAR	Matsushiro Arr	85.79	46	eP	P	01 17 40.8 -1.2
T37A	Cheneville 18	85.80	314	P	P	01 17 42.6 +0.7
347A	Saraland	85.82	307	P	P	01 17 43.0 +1.0
J04A	Kunigami	85.94	59	P	P	01 17 41.5 -1.2
JOW	Kunigami	85.94	59	eP	Pmax	01 17 42.2 -0.5
V39A	Pettigrew	85.96	313	P	P	01 17 43.1 +0.4
O31A	Gravette	85.97	314	P	P	01 17 43.4 +0.7
U38A	Woolen Ranch,	86.05	319	P	P	01 17 43.9 +0.9
P32A	Huiting Farm,	86.05	318	P	P	01 17 43.4 +0.4
W40A	Ferguson Farm,	86.06	312	P	P	01 17 43.4 +0.2
Q33A	Connelly Farm,	86.09	317	P	P	01 17 43.7 +0.4
S35A	Otter Creek Ra	86.20	316	P	P	01 17 44.2 +0.4
Y42A	Garnett, Star	86.22	310	P	P	01 17 44.6 +0.6
245A	Little AP, Sta	86.27	308	P	P	01 17 44.4 +0.2
R34A	Isabella, Hill	86.27	317	P	P	01 17 44.6 +0.4
447A	Lucedale	86.30	306	P	P	01 17 44.6 +0.3
V38A	Canehill	86.39	313	P	P	01 17 45.3 +0.5
T36A	Boggs Farm, Ca	86.39	315	P	P	01 17 45.4 +0.6
X40A	Basin Creek Fa	86.41	311	P	P	01 17 45.7 +0.9
U37A	Salina	86.42	314	P	P	01 17 45.6 +0.7
W39A	Magazine	86.48	312	P	P	01 17 46.0 +0.7
VBMS	Vicksburg	86.53	308	P	P	01 17 46.7 +1.2
S34A	Willow Spring	86.62	316	P	P	01 17 46.9 +0.9
R33A	Olander Ranch,	86.67	317	P	P	01 17 46.8 +0.7
Y41A	Eaglette Beard	86.69	311	P	P	01 17 46.9 +0.7
143A	Socs Landing,	86.75	309	P	P	01 17 47.8 +1.2

U36A	Oologah	86.78	314	P	P	01 17 47.6 +1.0
SDV	Santo Domingo	86.78	279	eP	P	01 17 47.8 +0.5
V37A	Hulbert	86.80	314	P	P	01 17 47.4 +0.6
MIAR	Mount Ida	86.81	312	P	P	01 17 48.1 +1.3
MIAR	Mount Ida	86.81	312	eP	Pmax	01 17 47.8 +1.0
MIAR	Mount Ida	86.81	312	eP	P	01 17 47.8 +1.0
T35A	Sooner Cattle	86.85	315	P	P	01 17 48.1 +1.1
RLMT	Red Lodge	86.97	328	eP	P	01 17 48.5 +0.8
RLMT	Red Lodge	86.97	328	eP	P	01 17 47.2 -0.6
R32A	Long Quarter,	86.98	317	P	P	01 17 48.5 +0.8
Y40A	Okolona	87.00	311	P	P	01 17 49.0 +1.2
W38A	Poteau	87.00	313	P	P	01 17 48.7 +0.9
T34A	McClaskey Farm	87.15	316	P	P	01 17 49.5 +1.0
TUL1	Leonard	87.15	314	P	P	01 17 49.5 +1.0
TUL1	Leonard	87.15	314	eP	P	01 17 49.1 +0.6
X39A	Fountain Ranch	87.16	312	P	P	01 17 49.9 +1.3
V36A	Jenks	87.33	314	P	P	01 17 50.3 +1.0
U35A	Pawnee	87.36	315	P	P	01 17 50.2 +0.7
NEW	Newport	87.42	334	P	P	01 17 50.0 +0.4
NEW	Newport	87.42	334	eP	Pmax	01 17 50.1 +0.4
NEW	Newport	87.42	334	eP	P	01 17 50.1 +0.4
X38A	Whitesboro	87.47	313	P	P	01 17 50.4 +0.4
MSO	Missoula	87.47	331	P	P	01 17 50.2 +0.3
W37B	Quinn	87.49	313	P	P	01 17 50.8 +0.6
BOZ	Bozeman (W)	87.53	329	P	P	01 17 50.5 +0.2
BOZ	Bozeman (W)	87.53	329	eP	Pmax	01 17 51.4 +1.0
BOZ	Bozeman (W)	87.53	329	eP	P	01 17 51.4 +1.0
S32A	Newby Ranch, P	87.63	317	P	P	01 17 51.5 +0.7
242A	Grayson	87.65	309	P	P	01 17 51.5 +0.6
K22A	Casper	87.71	325	P	P	01 17 51.2 -0.1
K22A	Casper	87.71	325	eP	P	01 17 51.2 -0.1
141A	Papa Simpson,	87.74	310	P	P	01 17 51.8 +0.4
X37A	Clayton	87.84	313	P	P	01 17 52.4 +0.5
V35A	Meyer Ranch, C	87.86	315	P	P	01 17 52.0 +0.1
W36A	Wenka	87.95	314	P	P	01 17 52.9 +0.5
T32A	Huddell Ranch,	88.00	317	P	P	01 17 53.2 +0.6
DLMT	Dillon	88.15	330	eP	P	01 17 54.1 +0.8
V34A	Guthrie	88.19	315	P	P	01 17 53.3 -0.2
342A	Flagon Creek P	88.23	309	P	P	01 17 53.6 -0.1
W35A	Tecumseh	88.31	314	P	P	01 17 54.2 +0.1
FLWY	Flagg Ranch	88.42	328	eP	P	01 17 55.9 +1.2
X36A	Centrahoma	88.42	313	P	P	01 17 54.4 -0.2
U32A	Winter Ranch,	88.62	316	P	P	01 17 55.6 -0.0
V33A	Loon Ranch,	88.63	315	P	P	01 17 56.0 +0.4
IMW	Indian Meadow	88.67	328	eP	P	01 17 57.3 +1.3
MOOW	Moore	88.71	328	eP	P	01 17 57.1 +1.1
LOHW	Long Hollow	88.76	328	eP	P	01 17 57.1 +0.8
N23A	Red Feather La	88.81	323	P	P	01 17 56.5 -0.1
X35A	Drake	88.91	314	P	P	01 17 57.5 +0.6
BW06	Boulder Array	88.99	327	P	P	01 17 57.4 -0.0
BW06	Boulder Array	88.99	327	eP	P	01 17 57.0 -0.4
PDAR	Pinedale Array	88.99	327	P	P	01 17 56.9 -0.5
TPAW	Teton Pass	89.00	328	eP	P	01 17 58.4 +0.9
REDW	Red Top Meadow	89.07	328	eP	P	01 17 58.5 +0.8
V32A	Arapaho	89.13	316	P	P	01 17 58.2 +0.3
X34A	Smith Ranch, M	89.25	314	P	P	01 17 58.3 -0.3
Y35A	Marietta	89.30	313	P	P	01 17 58.5 -0.2
Z36A	Blue Ridge	89.30	313	P	P	01 17 59.0 -0.2
137A	Heron Place, G	89.47	312	P	P	01 18 00.7 +1.2
ISCO	Idaho Springs	89.50	322	P	P	01 17 59.7 -0.3
ISCO	Idaho Springs	89.50	322	eP	Pmax	01 17 59.9 -0.1
ISCO	Idaho Springs	89.50	322	eP	P	01 17 59.9 -0.1
W32A	Sentinel	89.67	316	P	P	01 18 01.5 +0.9
X33A	Lawton	89.68	315	P	P	01 18 01.4 +0.9
WMOK	Wichita Mounta	89.69	315	P	P	01 18 01.7 +1.1
WMOK	Wichita Mounta	89.69	315	eP	Pmax	01 18 01.5 +0.9
WMOK	Wichita Mounta	89.69	315	eP	P	01 18 01.5 +0.9
Z35A	Peruvian, Ss	89.83	313	P	P	01 18 01.5 +0.2
Q24A	Divide	89.91	322	P	P	01 18 02.2 +0.3
136A	Emis	90.02	312	P	P	01 18 03.3 +1.2
338A	Crockett	90.08	311	P	P	01 18 03.0 +0.6
Y33A	Hilltop Ranch,	90.14	314	P	P	01 18 03.8 +1.1
Z34A	Collier Ranch,	90.19	314	P	P	01 18 03.1 +0.2
X32A	Elmer	90.21	315	P	P	01 18 04.0 +1.0
Z36A	Katherine and	90.36	312	P	P	01 18 05.6 +1.9
HLID	Hailey	90.37	330	P	P	01 18 04.3 +0.4
HLID	Hailey	90.37	330	eP	P	01 18 04.1 +0.3
BMO	Blue Mountains	90.40	332	eP	Pmax	01 18 03.5 -0.3
BMO	Blue Mountains	90.40	332	eP	P	01 18 03.5 -0.3
O20A	White River Ci	90.49	324	P	P	01 18 04.9 +0.5
O20A	White River Ci	90.49	324	eP	P	01 18 04.2 -0.2

438A	Sam Houston St	90.60	310	P	P	01 18 06.7 +1.8
SMCO	Snowmass	90.64	323	eP	P	01 18 06.5 +0.2
Z33A	Whitaker Ranch	90.74	314	P	P	01 18 06.5 +1.0
HWUT	Hardware Ranch	90.80	327	eP	P	01 18 05.7 -0.2
134A	White-Moore Ra	90.86	313	P	P	01 18 07.6 +1.5
T25A	Trinidad	90.94	320	P	P	01 18 06.5 -0.1
SDCO	Great Sand Dun	91.03	321	P	P	01 18 07.0 -0.1
MFID	Camas Ranch	91.06	331	eP	P	01 18 07.3 +0.4
234A	Clairette	91.30	313	P	P	01 18 09.2 +1.1
133A	Hamilton Ranch	91.32	314	P	P	01 18 08.3 +0.1
S22A	4UR Ranch, Cre	91.69	322	P	P	01 18 10.1 -0.0
1B73A	Abilene, Hawle	91.73	314	P	P	01 18 10.8 +0.7
233A	Rising Star	91.74	313	P	P	01 18 10.5 +0.3
334A	Lometa	91.85	312	P	P	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kalavryta, Ach, Riolois of Patr, etc.

ISCJB 14 01:21:10.9,0.8,39.09N,0.05:29.13E,0.06,h4km,gkm, Error ellipse: s-maj=11.0km s-min=5.4km az=140.3

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

CSEM 14 01:22:49.3,37.21N,22.02E,h7km,ML1.8/4 ATH 14 01:22:49.3,37.21N,22.02E,h7km,3km,ML1.8/4, Error ellipse: s-maj=3.8km s-min=0.9km az=240.0, Southern Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ithomi, Vlachokerasia, Artemida-Makis, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kalavryta, Ach, Veliai, Didima, etc.

NIED 14 01:26:00,35.10N,141.30E,h11km,Mw4.5 Best double couple: M7.50000,1015 NP1=84.00000, B34.00000, 1.33.00000, NP2=326.00000, B72.00000, A.120.00000, IDC 14 01:26:14.1,0.5,35.03N,141.16E,h0km,mb4.3/26, mb1 4.4/32,mb1mx4.3/47,mbmp4.3/32,MLJ3.9/5,MS3.6/5, Ms1 3.6/5,ms1mx3.3/28, Error ellipse: s-maj=15.45km s-min=12.6km az=102.0

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOSO, CHOU, KTR, ISUMI, etc.

Main table with columns: QIZ, Station Name, Az, Phase ID, Time, Res, LR, LR. Includes stations like GTA, KMI, BILBINO, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KKAR, WRAB, WRA, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like LCMT, BR21, KNB, etc.

MOS 14 01:29:37.6: 1.4, 1.33S, 14:71'W, h10km, mb5.2/62. MS5.0/41, Error ellipse: s-maj=11.9km s-min=5.1km az=62.7

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like H10N2, H10N1, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like TORD, TAM, TAM, etc.

14d 1h

2011 AUG

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like LCO Las Campanas, KWP Kalwaria Pacla, and NORC Norcasia.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like CNNC, VNA1 Neumayer-Stat, and KSPA Keystone Colle.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like Z42A Norrel Spur, COWI Conover, and JFWS Jewell Farm.

14d 2h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JWA Jwalamukhi, SDRN Sundarnagar, BHK Bhakra, etc.

GUC 14 02:11:05.0:4.0, 33.365x72.13W, h31km, 22km, ML3.1
ISC 14 02:11:04.7:3.0, 33.34S:0.1, 72.2W, 0.1, h19km, n14,
c2511/19, Off coast of Central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ROCH El Roble, PEL Peldehue, ANTU Antumapu, etc.

KRNET 14 02:25:06.2:0.1, 40.90N:73.97E, h13km, mb2.9
NMC 14 02:25:08.3:2.5, 40.84N:73.82E, h0km, mb3.5, mpv3.1,
Error ellipse: s-maj=20.0km s-min=9.9km az=0.0

SOME 14 02:25:08.4:4.0, 41.00N:73.98E, h0km
ISC 14 02:25:05.0:1.0, 40.83N:0.04:74.02E, 0.02, h6km, 11km,
n33, c104/64, 29C-8D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARSB Arslanbob, OHH Osh, ARLS Aral, etc.

2011 AUG

Table with columns: DGS, Degeres, Time, Res, Pg. Includes stations like DGS Degeres, MTBS Matube, ITBS Izvestkovy, etc.

NDI 14 02:25:39.6:2.2, 33.09N:76.61E, h10km, ML2.9
ISCJB 14 02:25:44.0:7.3, 32.75N:0.04:78.4E, 0.2, h16km, mb3.6/4,
Error ellipse: s-maj=21.4km s-min=5.6km az=175.8

IDC 14 02:25:59.0:10.0, 33.35N:76.61E, h88km, 103km, mb3.4/5,
mb1.3/5.6, mb1mx3.1/5.2, mbtm3.7/6, ML3.0/1, Error
ellipse: s-maj=50.9km s-min=21.7km az=39.0

ISC 14 02:25:46.2:0.9, 32.75N:0.05:76.6E, 0.2, h15km, n12,
c123/15, mb3.7/4, Kashmir-India border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JWA Jwalamukhi, SDRN Sundarnagar, BHK Bhakra, etc.

ISCJB 14 02:28:03.0:5.0, 20.76S:0.07:178.67W, h579km,
mb4.2/63, Error ellipse: s-maj=10.2km s-min=5.5km
az=147.1

BUI 14 02:28:04.1, 21.25S:178.61W, h613km, mb4.8/8, mb5.0/9
NEIC 14 02:28:05.8:0.7, 20.79S:178.64W, h597km, 7km, mb4.4/46,
Error ellipse: s-maj=12.5km s-min=6.6km az=151.0

IDC 14 02:28:06.5:1.6, 20.84S:178.71W, h603km, 18km,
mb3.7/15, mb1.3/9.16, mb1mx3.7/28, mbtm4.6/16, Error
ellipse: s-maj=14.4km s-min=10.9km az=151.0

ISC 14 02:28:03.9:0.4, 20.81S:0.03:178.64W, h579km,
n144, c182/1170, mb4.3/63, 21C-6D, Fiji Islands region

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

642

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

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

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

IDC 14 03:09:48.5:2.7, 6.30S:154.66E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.4/25, mbtmp3.3/3, MS2.1/1, Ms1 2.1/1, ms1mx2.1/16, Error ellipse: s-maj=193.6km s-min=30.8km az=130.0, Bougainville-Solomon Islands region

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

ISCJB 14 03:22:33.0:0.2, 44.35N:0.02:7.30E:0.03, h22km, 2km, Error ellipse: s-maj=3.7km s-min=2.6km az=153.5 GEN 14 03:22:33.4, 44.34N:7.28E, h12km, ML1.9 CSEM 14 03:22:33.0:0.1, 44.34N:7.31E, h15km, ML2.4/25, Error ellipse: s-maj=3.0km s-min=2.1km az=48.0 ROM 14 03:22:33.1:0.2, 44.33N:7.28E, h11km, 1km, Md2.4/14, MII 9/13, Error ellipse: s-maj=3.5km s-min=1.2km az=54.0 LDC 14 03:22:33.5:0.1, 44.30N:7.33E, h2km, Md2.7/3, MII.3/22, Error ellipse: s-maj=2.5km s-min=1.5km az=64.0

ISC 14 03:22:33.1:0.8, 44.34N:0.01:7.31E:0.02, h18km, 4km, n86, c093/143, Northern Italy

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

IDC 14 03:02:37.0:1.1, 23.06S:66.95W, h213km, 19km, mb3.2/2, mb1 3.2/6, mb1mx3.0/26, mbtmp3.7/6, Error ellipse: s-maj=29.0km s-min=15.9km az=129.0

ISCJB 14 03:02:37.4:0.9, 23.11S:0.07:67.0W:0.2, h242km, 15km, mb3.5/2, Error ellipse: s-maj=24.3km s-min=10.2km az=11.5

GUC 14 03:02:38.9:0.4, 23.01S:67.53W, h249km, 6km, MLL4.0 ISC 14 03:02:37.0:1.2, 23.09S:0.09:67.0W:0.1, h217km, 18km, n14, c1911/23, 3C, Juyuy Province

NIED 14 02:47:00, 35.90N, 140.80E, h17km, Mw4.1 Best double couple: Mo 1.34000e+1015 NP1 35.00000e+8, 04000000, 1.54, 000000. NP2 35.262, 000000, 853, 000000. A 1.23, 000000. ISCJB 14 02:47:53.7:0.7, 35.87N:0.04:140.95E:0.09, h49km, 5km, mb3.6/6, Error ellipse: s-maj=13.1km s-min=6.2km az=161.7 JMA 14 02:47:55.1:0.1, 35.89N:140.81E, h40km, 1km, M3.4 Broadband fault plane solution: P waves. NP1: 35.344, 000000, 882, 000000, 1.67, 000000. NP2: 35.235, 000000, 824, 000000, 1.60, 000000. Principal axes: T P149.0000, Azm229.0000, N P1g23.0000, Azm347.0000, P P1g33.0000, Azm93.0000, JMA Felt J1, IDC 14 02:47:57.5:2.8, 35.78N:140.74E, h65km, 25km, mb3.4/6, mb1 3.6/9, mb1mx3.4/35, mbtmp3.7/9, ML3.5/3 Error ellipse: s-maj=34.7km s-min=12.7km az=77.0 ISC 14 02:47:55.0:1.0, 35.89N:0.05:140.93E:0.09, h40km, 8km, n17, c1906/22, mb3.7/6, 2C-2D, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LVC, LVC, PB06, etc.

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

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

IDC 14 03:24:58.2:6.7, 19.42S:175.89W, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.6/23, mbtmp3.9/2, Error ellipse: s-maj=311.9km s-min=104.2km az=153.0, Tonga Islands

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

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like TAR1 Taranto, CGL1 Ceglie Messapi, TIR Tirane, etc.

ISCJB 14 04:27:21.4, 1.6, 19.13S, 0.09, 167.5E, 0.2, h26km, mb3.7/4, MS3.2/1, Error ellipse: s-maj=32.1km, s-min=12.7km az=7.8

IDC 14 04:27:25.1, 5.9, 19.27S, 167.69E, h48km, 63km, mb3.6/5, ml2.3/6, mb1mx3.5/3, mbtmp3.6/6, ML3.5/1, MS3.3/1, Ms1 3.9/1, ms1mx2.3/1.9, Error ellipse: s-maj=56.4km, s-min=35.0km az=156.0

ISC 14 04:27:22.9, 1.7, 19.13S, 0.1, 167.6E, 0.2, h26km, n6, @1007, mb3.7/4, Vanuatu Islands region

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM 6.7m, 0.3s, baz=109, slow=14, SNR=63, etc.

ISCJB 14 04:32:13.0, 0.8, 51.52N, 0.04, 16.08E, 0.04, h0km, Error ellipse: s-maj=6.0km, s-min=3.2km az=13.4

CSEM 14 04:32:14.6, 0.5, 51.50N, 0.16, 09E, h2km, ML2.9/6, Error ellipse: s-maj=7.6km, s-min=4.0km az=5.0

WAR 14 04:32:15.1, 51.53N, 16.08E, h1km, Mw2.1 PRU 14 04:32:16.1, 51.47N, 16.08E, h0km, Error ellipse: s-maj=15.4, 1.2, 51.47N, 0.05, 16.08E, 0.02, h0km, n28, @053/53, Poland

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

Table with columns: BRG, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Berggiesshubel, GO Pecny, Ondr, etc.

NMC 14 04:40:59.9, 6.8, 39.28N, 77.62E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=47.2km, s-min=35.4km az=163.0

KRNET 14 04:41:11.6, 0.1, 39.99N, 77.44E, mb3.2, ISC 14 04:41:05.7, 2.7, 39.6N, 0.1, 77.46E, 0.07, h17km, n14, @240/26, 21C-6D, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like KDJ Kajsay, KDJ baz=355, ULHL Ujhalo, etc.

JMA 14 05:05:26.0, 0.3, 37.38N, 142.26E, h15km, 4km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like JMK Kawachi, JMK Ichinozaki, etc.

NIED 14 05:14:00, 37.60N, 141.60E, h44km, Mw3.8 Best double couple: M=6.38000x10^14 NP1=221.00000, 1.707.00000, NP2=23.00000, 370.00000, 3.84.00000, ISCJB 14 05:14:46.0, 9.3, 37.57N, 0.04, 141.63E, 0.09, h53km, 7km, mb3.7/9, Error ellipse: s-maj=12.8km, s-min=5.6km az=16.9

JMA 14 05:14:46.0, 4.0, 37.61N, 141.51E, h48km, 2km, M3.8 JMA Feit J1, IDC 14 05:14:47.0, 0.8, 37.61N, 141.55E, h59km, 8km, mb3.4/9, mb1 3.6/3, mb1mx3.5/4, mbtmp3.7/3, MS2.6/3, Ms1 2.6/3, ms1mx2.3/2.4, Error ellipse: s-maj=20.5km, s-min=16.2km az=96.0

ISC 14 05:14:46.0, 5.8, 37.60N, 0.04, 141.56E, 0.07, h53km, 7km, n29, @109/35, mb3.6/9, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like JFK Kawachi, JMK Marumori, etc.

Table with columns: MAT, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like Hachioji jima, 16nm, 0.3s, baz=267, slow=23, SNR=6.4, etc.

SKO 14 05:16:11.6, 1.6, 40.95N, 22.35E, h25km, M1.8, ML2.6, ISCJB 14 05:16:12.0, 0.4, 40.98N, 0.02, 22.32E, 0.02, h7km, 4km, Error ellipse: s-maj=3.2km, s-min=2.6km az=3.8

CSEM 14 05:16:12.3, 0.1, 40.96N, 22.33E, h12km, ML2.5, Error ellipse: s-maj=3.1km, s-min=2.7km az=27.0

ATH 14 05:16:12.0, 40.95N, 22.34E, h24km, 2km, ML2.5/6, Error ellipse: s-maj=2.8km, s-min=1.0km az=7.0

THE 14 05:16:12.8, 40.94N, 22.34E, h1km, 1km, ML2.5/11, Error ellipse: s-maj=1.6km, s-min=0.4km az=321.0

ISC 14 05:16:12.3, 0.1, 40.96N, 0.02, 22.36E, 0.01, h10km, 9km, n73, @0578/117, 3C-SD, Greece

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes stations like VAY Valandovo, VAY Valandovo, KNT Kendrickon, etc.

14d 6h

Table with columns: PLG, Polygyros, 1.02 125 P Pn, 05 16 32.4 -0.3, etc. Includes various station codes and coordinates.

NDI 14 05:30:07.4,2.4,34.74N;71.85E,h15km,455km,ML3.5
IDC 14 05:30:15.9,0.7,34.55N;73.22E,h0km,mb4,1/10,
mb1 4.2/15,mb1mx3.8/51,mbtmp4.1/15,ML3.9/5,MS2.6/1,

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

2011 AUG

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

ISCJBJ 14 05:33:16.8,0.8,21.2S;0.2:178.8W;0.2,h579km,mb3.5/6,
Error ellipse: s-maj=30.8km s-min=17.6km az=140.2,
IDC 14 05:33:18.0,0.5,21.20S;178.69W,h584km,66km,mb3.0/6,

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

MAN 14 06:14:11.9,65N;122.40E,h105km,mb4.5,ML3.3,MS3.2,
1C-1D,Negros
Code Station Name Az Az' Phase ID Time Res ISC

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

Table with columns: DRME, Dracevica, Mon, 1.96 351, Pn, 06 19 05.1 +0.4, etc. Lists stations like DRME, NOCI, BUM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Lists stations like SLUM, CGL1, TAR1, MASS, FASA, ULC, etc.

ISCJB 14 09:31:01.9, 0.5, 39.07N, 0.03, 27.48E, h0km, M2.0, Error ellipse: s-maj=4.4km s-min=3.4km az=43.2

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Lists stations like KULA, DGB, DGB, AYDB, etc.

ISC 14 09:31:17.2, 2.6, 31.62S, 69.01W, h8km, 23km, mb3.4/3, mb1.3/9.7, mb1mx3.6/25, mbtmp4.0/7, Error ellipse: s-maj=39.0km s-min=23.4km az=90.0

ISCJB 14 09:31:18.8, 0.4, 31.56S, 0.03, 69.01W, 0.05, h16km, 4km, mb3.5/3, Error ellipse: s-maj=7.8km s-min=3.8km az=25.1

SJA 14 09:31:18.4, 0.5, 31.54S, 69.02W, h12km, 9km, M4.1, n31, c131/43, mb3.3, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Lists stations like SJA, SJA, RTVC, AMCO, etc.

ISC 14 09:44:10.8, 1.6, 13.85N, 93.02E, h0km, mb3.7/6, mb1.3/9.7, mb1mx3.6/37, mbtmp3.7/7, M3.5/1, Error ellipse: s-maj=58.6km s-min=21.8km az=72.0

ISCJB 14 09:44:14.5, 1.0, 13.93N, 0.1, 93.3E, 0.1, h32km, mb3.8/6, Error ellipse: s-maj=20.4km s-min=12.4km az=32.0

ISC 14 09:44:16.2, 1.1, 13.93N, 0.1, 93.2E, 0.2, h32km, n10, c065/10, mb3.7/6, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Lists stations like CMAR, CMAR, H08S3, etc.

λ-83.00000°, NP2=229.00000°, δ70.00000°, 1-93.00000°, ISCJB 14 09:55:47.8, 0.8, 37.12N, 0.03, 140.99E, 0.05, h8km, 3km, mb3.9/12, MS3.1/4, Error ellipse: s-maj=6.5km s-min=4.1km az=18.0

JMA 14 09:55:49.6, 37.13N, 140.86E, h8km, 1km, M4.2 Broadband fault plane solution: P waves: NP1=362.00000°, 376.00000°, 1-96.00000°, NP2=31.00000°, δ14.00000°, 1-104.00000°. Principal axes: T P1g31.0000°, Azm313.0000°, N P1g4.0000°, Azm45.0000°, P P1g59.0000°, Azm141.0000°, JMA Felt III J1

NEIC 14 09:55:54.2, 1.1, 37.15N, 140.84E, h45km, 9km, mb4.7/2 Error ellipse: s-maj=13.0km s-min=9.6km az=99.0

NEIC Recorded (3 JMA) in Fukushima. ISC 14 09:55:49.7, 1.0, 37.13N, 0.03, 140.87E, 0.05, h7km, 6km, n41, c134/45, mb3.9/12, MS3.1/4, 5C-3D, Eastern Honshu

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

ISCJB 14 10:05:39.9, 0.6, 35.60N, 0.04, 140.09E, 0.07, h81km, 5km, mb3.4/3, Error ellipse: s-maj=11.1km s-min=5.2km

JMA 14 10:05:40.7, 0.2, 35.69N, 140.10E, h70km, 2km, M2.7, Error ellipse: s-maj=13.8km s-min=7.8km az=130.8

ISC 14 10:05:43.1, 1.0, 35.47N, 139.86E, h83km, 13km, mb3.1/3, mb1.3/3.4, mb1mx3.1/34, mbtmp3.5/4, Error ellipse: s-maj=30.6km s-min=6.8km az=67.0

ISC 14 10:05:41.0, 1.1, 35.62N, 0.05, 140.08E, 0.06, h75km, 7km, n21, c087/15, mb3.4/3, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H11N1 WAKE ISLAND Hy 28.42 117 T, H11N3 WAKE ISLAND Hy 28.43 117 T, H11S3 WAKE ISLAND Hy 29.06 119 T, etc.

ISCJB 14 10:30:07.1±0.3, 54.111±0.05:140.0E±0.1, h10km, mb4.7/26, MS3.9/12, Error ellipse: s-maj=12.3km s-min=6.9km az=7.9

IDC 14 10:30:07.5±0.6, 54.025±140.90E, h0km, mb4.1/8, mb1 4.3/8, mb1mx4.1/27, mbtmp4.1/8, MS3.9/11, Ms1 3.9/11, ms1mx3.7/22, Error ellipse: s-maj=30.6km s-min=18.3km az=90.0

BUI 14 10:30:09.6, 54.105±140.20E, h10km, mb4.9/8, mB5.3/5, MS5.2/1, Ms7.4/12, Error ellipse: s-maj=12.4km s-min=7.8km az=96.0

NEIC 14 10:30:09.4±0.3, 54.095±140.21E, h10km, mb4.8/19, Error ellipse: s-maj=12.4km s-min=7.8km az=96.0

ISC 14 10:30:09.4±0.4, 54.115±0.07:140.5E±0.1, h10km, m93, c1840/84, mb4.7/26, MS3.8/12, 1C-1D, West of Macquarie Island

Main table of station data for the left column, including codes like TAU, WHZ, CAN, STKA, etc., and station names like Tasmania Unive, Wether Hill Ro, Canberra, etc.

Table of station data for the middle column, including codes like TORD, TXAR, ILAR, WMOK, etc., and station names like Torodi Ar. Bea, Lajitas Array, Gleason Array, etc.

CSEM 14 10:32:56.7±0.7, 41.83N±19.31E, h2km, ML2.0, Error ellipse: s-maj=9.4km s-min=6.7km az=177.0

PDG 14 10:32:58.0±1.1, 41.92N±19.25E, h5km, MD2.0/1, ML2.0/10, 16C-3D, Error ellipse: s-maj=0.2km s-min=0.1km az=90.0, Albania

Table of station data for the middle column, including codes like ULC, DRME, BUM, etc., and station names like Ulcinj, Dracevica, Mon, Brajici-Budva, etc.

SJA 14 10:38:21.7±0.3, 24.145±67.09W, h192km±3km, ML3.2, MW3.3

ISCJB 14 10:38:22.0±0.5, 24.125±0.05:67.14W±0.04, h181km, mb3.4/1, Error ellipse: s-maj=7.8km s-min=4.3km az=24.6

GUC 14 10:38:24.5±0.3, 23.895±67.62W, h235km±10km, ML4.4, IDC 14 10:38:26.3±8.8, 23.83±66.90W, h215km±71km, mb3.3/1, mb1 3.4/3, mb1mx3.1/17, mbtmp4.0/3, Error ellipse: s-maj=85.9km s-min=34.0km az=16.0

ISC 14 10:38:22.2±1.0, 24.125±0.06:67.11W±0.04, h181km, n17, c1509/28, 2C, Chile-Argentina border region

Table of station data for the middle column, including codes like SLA, HJA, AZAP, etc., and station names like San Lorenzo, Zapala, etc.

Table of station data for the right column, including codes like PB10, PB04, PB07, etc., and station names like IOPC Station P, IOPC Station P, etc.

ISCJB 14 10:42:14.9±0.2, 38.13N±0.02:75.59E±0.04, h135km, mb4.0/34, Error ellipse: s-maj=4.8km s-min=3.1km az=157.0

KRNET 14 10:42:15.4±0.1, 38.45N±75.51E, mb4.5, MOS 14 10:42:16.2±1.1, 38.30N±75.67E, h127km, mb4.1/21, Error ellipse: s-maj=10.5km s-min=5.4km az=101.0

NEIC 14 10:42:17.0±1.1, 38.27N±75.60E, h123km±9km, mb4.1/11, Error ellipse: s-maj=9.3km s-min=7.4km az=167.0

IDC 14 10:42:17.7±0.9, 38.26N±75.59E, h130km±7km, mb3.8/20, mb1 3.9/24, mb1mx3.7/46, mbtmp4.2/24, MS2.0/1, Ms1 2.0/1, ms1mx1.9/43, Error ellipse: s-maj=12.6km s-min=11.5km az=29.0

BUI 14 10:42:18.1±0.8, 38.31N±75.70E, h122km, mb3.8/2, NINC 14 10:42:19.8±4.4, 38.60N±75.09E, h0km, mb4.8, mpv4.4, Error ellipse: s-maj=32.7km s-min=29.0km az=144.0

ISC 14 10:42:16.9±0.4, 38.17N±0.04:75.53E±0.05, h135km, n104, c242/120, mb4.1/34, 16C-13D, Southern Xinjiang

Main table of station data for the right column, including codes like DRK, ARSB, ARSL, etc., and station names like Karamyk, Arslanbob, Aral, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PDGK Podgornje, KTBS Karatobe, CHKK Chushkaly, etc.

ISCN 14 12:08:00.40.0.39.89N:41.61E, h123km, 27km, ML3.4
ISK 14 12:08:07.8.39.22N:41.48E, h5km, ML3.4
DDA 14 12:08:08.8.39.21N:41.49E, h7km, ML3.6
ISCJB 14 12:08:09.3.0.6.39.22N:0.02:41.49E:0.03, h7km, 5km,
Error ellipse: s-maj=4.1km s-min=3.8km az=40.6
CSEM 14 12:08:10.8.0.2.39.26N:41.48E, h20km, ML3.6, Error
ellipse: s-maj=5.2km s-min=4.5km az=33.0
ISC 14 12:08:08.5.1.2.39.24N:0.02:41.48E:0.02, h1km, 1.1km,
n17z, c106/88, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BINGOL, KARACOBAN, ERZURUM, etc.

ISC 14 12:17:35.3.54.0.23.08S:175.45W, h0km, mb3.9/3,
mb1.4/0.3, mb1mx3.6/3, mbtm3.9/3, MS2.8/1, Ms1.2.8/1,
s-min1mx2.4/26, Error ellipse: s-maj=1008.0km,
s-min=170.8km az=87.0, Tonga Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PPT Papeete, STKA Stephens Creek, etc.

ASAR Alice Springs 46.29 259 P 12 26 02.6 -0.4
WRA Warramunga Arr 46.64 264 P 12 26 06.0 +0.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MEX 14 12:23:49.1.0.4, 18.17N:103.47W, etc.

IDC 14 12:25:46.4.2.1.30161S:177.62W, h0km, mb3.8/4,
mb1.4/0.5, mb1mx3.7/28, mbtm3.9/5, ML3.5/1, Error
ellipse: s-maj=49.9km s-min=27.0km az=117.0
NEIC 14 12:25:47.4.1.4.30167S:177.52W, h10km, mb4.5/1, Error
ellipse: s-maj=31.5km s-min=13.2km az=104.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, URZ Urewera, etc.

ISCJB 14 12:34:56.2.0.5.20.63S:0.08:177.7W:0.1, h450km,
mb3.9/14, Error ellipse: s-maj=14.7km s-min=7.8km
az=35.4
IDC 14 12:34:58.8.2.1.20.63S:177.61W, h472km, 24km,
mb3.5/14, mb1.3.7/17, mb1mx3.6/34, mbtm4.4/17, Error
ellipse: s-maj=18.2km s-min=14.0km az=128.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, etc.

ISC 14 12:34:57.2.0.7.20.7S:0.1:177.7W:0.1, h450km, n20,
c248/24, mb3.9/14, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

MEX 14 12:36:30.3.0.7.27.73N:111.78W, h9km, 9km, MD3.9,
Gulf of California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SRIG Santa Rosalia, GUYB Guaymas, etc.

MEX 14 12:46:59.8.0.4.27.88N:111.96W, h4km, 9km, MD3.5,
Gulf of California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SRIG Santa Rosalia, GUYB Guaymas, etc.

ISCJB 14 12:58:22.0.5.22.82S:0.03:179.62W:0.02,
h535km, 6km, mb4.9/262, Error ellipse: s-maj=4.5km
s-min=3.1km az=161.9
MOS 14 12:58:23.0.8.0.22.74S:179.58W, h551km, mb4.8/31,
Error ellipse: s-maj=8.4km s-min=7.3km az=72.3

IDC 14 12:58:24.2.0.8.22.75S:179.50W, h549km, 8km, mb4.5/31,
mb1.4/5/33, mb1mx4.5/36, mbtm5.3/33, Error ellipse:
s-maj=9.8km s-min=8.4km az=66.0
NEIC 14 12:58:25.9.0.4.22.88S:179.61W, h571km, 5km,
mb4.9/208, Error ellipse: s-maj=4.0km s-min=3.2km
az=150.0
GCMT 14 12:58:25.9.0.5.22.71S:179.59W, h561km, 9km,
MW5.3/48, Moment Tensor Solution. s48.c58: Duration:
1s0. Moment tensor: Scale 10^17Nm; M=0.66t;
M0=0.81t; M1=0.15t; M2=0.05t; M3=0.17t; M4=0.06t;
M5=0.30t; Best double couple: M0.99600x10^17
NP1=72.00000, d66.00000, lambda=118.00000. NP2:
0.30000, d36.00000, lambda=43.00000. Principal axes:
T 0.9690, Plg17.00000, Azm183.00000; N 0.0540,

Plg26.0000, Azm84.0000; P -1.0220, Plg59.0000;
Azm302.0000; nsta1 refers to body waves, cutoff=40s.
BUJ 14 12:58:27.3.22.44S:179.29W, h593km, mb5.0/46,
mb5.0/29

ISC 14 12:58:25.0.0.3.22.84S:0.04:179.47W:0.04,
h565km, 3km, h565km: p-P, n926, c1941/1039, mb4.9/262,
30C-50D, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, RAO Raoul Island, NIUE Niue, etc.

ISCJB 14 12:34:56.2.0.5.20.63S:0.08:177.7W:0.1, h450km,
mb3.9/14, Error ellipse: s-maj=14.7km s-min=7.8km
az=35.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, MATAWAI, etc.

ISC 14 12:34:57.2.0.7.20.7S:0.1:177.7W:0.1, h450km, n20,
c248/24, mb3.9/14, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

MEX 14 12:36:30.3.0.7.27.73N:111.78W, h9km, 9km, MD3.9,
Gulf of California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SRIG Santa Rosalia, GUYB Guaymas, etc.

MEX 14 12:46:59.8.0.4.27.88N:111.96W, h4km, 9km, MD3.5,
Gulf of California

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SRIG Santa Rosalia, GUYB Guaymas, etc.

ISCJB 14 12:58:22.0.5.22.82S:0.03:179.62W:0.02,
h535km, 6km, mb4.9/262, Error ellipse: s-maj=4.5km
s-min=3.1km az=161.9

MOS 14 12:58:23.0.8.0.22.74S:179.58W, h551km, mb4.8/31,
Error ellipse: s-maj=8.4km s-min=7.3km az=72.3
IDC 14 12:58:24.2.0.8.22.75S:179.50W, h549km, 8km, mb4.5/31,
mb1.4/5/33, mb1mx4.5/36, mbtm5.3/33, Error ellipse:
s-maj=9.8km s-min=8.4km az=66.0
NEIC 14 12:58:25.9.0.4.22.88S:179.61W, h571km, 5km,
mb4.9/208, Error ellipse: s-maj=4.0km s-min=3.2km
az=150.0
GCMT 14 12:58:25.9.0.5.22.71S:179.59W, h561km, 9km,
MW5.3/48, Moment Tensor Solution. s48.c58: Duration:
1s0. Moment tensor: Scale 10^17Nm; M=0.66t;
M0=0.81t; M1=0.15t; M2=0.05t; M3=0.17t; M4=0.06t;
M5=0.30t; Best double couple: M0.99600x10^17
NP1=72.00000, d66.00000, lambda=118.00000. NP2:
0.30000, d36.00000, lambda=43.00000. Principal axes:
T 0.9690, Plg17.00000, Azm183.00000; N 0.0540,

14d 12h

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like Roma, Canberra, Melbourne, Perth, Sydney, etc.

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Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like Vanda, Narrogin, Perth, Sydney, etc.

656

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like Perth, Sydney, Melbourne, etc.

Table with columns: State, Name, Elevation, Wind, Temp, Precip, Clouds, Visibility, etc. Includes entries for GLA, WAKR, TVH3, CN2, GMRC, IRM, PSI, HUMO, YERR, KDAK, GRAC, FURC, M04C, TUOQ, SHOC, Y12C, HSIG, PAHR, 214A, I03D, KLR, LDFC, GSI, K04D, PDMCI, TPNV, TPNV, TPNV, J04D, CHBT, I04A, MOD, SHPR, K05A, SKNT, TRTT, W13A, J05D, G03D, F03A, CNPM, HOM, R11A, R11A, I05D, TUC, TUC, TUC, BMN, BMN, E03A, BRLL, MA2, MA2, SNA, SNA, SNA, F04A, WVOR, WVOR, RSO, SVW2, VNA3, G05D, CROR, FL2, X16A, 319A, TDL, LCMT, SEW, ENH, G06A, CCUT.

Table with columns: State, Name, Elevation, Wind, Temp, Precip, Clouds, Visibility, etc. Includes entries for U15A, U15A, VNA1, BJT, BJT, BJT, SPU, SZCU, BJI, BJI, LON, LON, LON, GYA, GYA, GYA, GYA, WUAZ, WUAZ, EKU, D05A, HPIG, PGC, TRG, RC01, PKCU, PBKT, A04D, B05A, MTPU, TT01, TTA, TTA, FID, EYAK, LTY, BEMWA, PMR, PMR, HAWA, RAGM, W18A, MSU, MSU, SRDT, 121A, 121A, TIY, TIY, ETW, UTTA, SML, SML, BMO, BMO, DIV, MFID, PPLA, BMRM, SCM, SCM, CRQM, D08A, WRAK, E09A, XAN, XAN, SAW, PAST, PLCA, PLCA, PLCA, F10A, TMUT, B08A, HLD, HLD, LLLB, TRF, HVU, HVU, HVU, LAMP, SRU.

Table with columns: State, Name, Elevation, Wind, Temp, Precip, Clouds, Visibility, etc. Includes entries for SRU, SRU, P17A, LAZ, KMI, KMI, MNXX, MNXX, JLU, RND, RND, RND, DHY, PNT, PNT, BNM, TX31, TXAR, TXAR, TXAR, LPM, MCK, MCK, MCK, MVCO, CM01, CM31, CMAR, SKAG, HWUT, PV10, CMMT, CHTO, CHTO, CHTO, ANMO, ANMO, ANMO, ANMO, PV01, HHC, HHC, HHC, MENT, CMAI, WRH, DOT, HDA, CCB, AHID, MCMT, WHY, DLBC, MDM, COLA, COLA, IL1, IL1, ILAR, ILAR, ILB, CD2, S22A, S22A, MSO, DLMT, REDW, TPW, FXWY, O20A, O20A, SNOW, BILL, BILL, IMW, IMW, FLWY, SMCO, BW06, PD31, PDAR, BOZ, BOZ, BOZ, SDCO, SDCO, 832A, DAWY.

14d 12h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and various performance metrics (e.g., 13 10 35.6+0.5).

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and various performance metrics (e.g., 13 16 46.4+1.0).

658

Table with columns: Call Sign, Name, Frequency, Power, Mode, and various performance metrics (e.g., 13 17 06.1-0.1).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BFO Black Forest, MYKA comp=Z,6,4nm,1.0s, etc.

IDC 14 13:21:53.1±1.1, 0.2349S-179.79W, h454km, 143km, mb3.1/4, mb1 3.4/5, mb1mx3.0/34, mbtp4.0/5, Error ellipse=85.7km s-min=27.7km az=6.0, South of Fiji Islands

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

SOME 14 13:22:05.8, 41.05N:73.50E, h0km KRNTE 14 13:22:06.4, 0.1, 41.09N:73.55E, h11km, mb3.1 NNC 14 13:22:06.1, 3.2, 41.07N:73.42E, h0km, mb3.7, mpv3.4, Error ellipse= s-maj=22.4km s-min=11.2km az=4.0, IDC 14 13:22:06.1, 2.1, 41.07N:0.04S:73.57E:0.02, h13km, 11km, n28, r151/57, 21C-2010, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARLS Aral, AML Almyashu, EKS2 Erkin-Say, etc.

IDC 14 14:08:48.8±5.2, 1.188N-141.67E, h74km, 54km, mb3.3/4, mb1 3.6/5, mb1mx3.6/47, mbtp3.7/5, ML3.9/1, MS2.3/1, Ms1 2.3/1, ms1mx2.1/22, Error ellipse= s-maj=50.3km s-min=19.2km az=107.0, Western Caroline Islands

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

NIED 14 14:29:00.39, 40N:143.80E, h14km, Mw3.7 Best double couple: Ma4.5000x1014 NP1s=199.00000, r39.00000, 1.88.00000. NP2s=22.00000, r51.00000, r92.00000. ISACJB 14 14:29:15.4, 0.6, 39.44N:0.03S:143.79E:0.05, h11km, mb3.7/7, Error ellipse= s-maj=6.3km s-min=4.4km az=27.9 JMA 14 14:29:16.8, 0.1, 39.39N:143.79E, h29km, M3.8 IDC 14 14:29:16.1, 1.1, 39.41N:143.74E, h0km, mb3.7/7, mb1 3.8/12, mb1mx3.6/47, mbtp3.8/12, ML3.1/4, MS2.4/2, Ms1 2.4/2, ms1mx2.2/35, Error ellipse= s-maj=28.4km s-min=17.9km az=82.0, IDC 14 14:29:17.5, 1.1, 39.39N:0.06S:143.70E:0.09, h11km, n30, r2518/36, mb3.9/7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCH Churui, JAK Akkeshi, JEW Eniwo, etc.

BUI 14 14:56:56.4, 51.91N:31.83W, h10km, mb4.6/11, mB4.7/8, Ms4.7/3, Ms7 4.3/2 ISACJB 14 14:56:59.0, 4.5, 51.93N:0.08S:31.71W:0.10, h14km, mb4.2/19, MS3.1/10, Error ellipse= s-maj=12.0km s-min=8.5km az=10.9 IDC 14 14:56:59.7, 0.8, 51.83N:31.77W, h0km, mb3.7/9, mb1 4.0/11, mb1mx3.8/19, mbtp3.8/11, ML4.2/2, MS3.1/10, Ms1 3.1/10, ms1mx2.9/43, Error ellipse= s-maj=28.9km s-min=16.7km az=25.0 NEIC 14 14:57:00.7, 4.0, 51.91N:31.70W, h10km, mb4.5/6, Error ellipse= s-maj=12.5km s-min=8.8km az=194.0 CSEM 14 14:57:00.6, 51.91N:31.70W, h10km, mb4.5/6, ISC 14 14:57:02.0, 0.6, 52.1N:0.1x31.58W:0.09, h14km, n53, r199/46, mb4.2/19, MS3.0/10, Northern Mid-Atlantic Ridge

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

TXAR 14 15:04:22.0, 3.55, 61 Op P 14 09 42 +0.6 GUMO 4.0nm, 0.3s, baz=177, slow=18, SNR=2.8 LR 14 11 19.6 WRA 0.9nm, 0.7s, baz=14, slow=8, SNR=10 P 14 15 11.3 -0.8 ASAR 0.9nm, 0.5s, baz=21, slow=12, SNR=10 P 14 15 44.6 +0.5 KURBB 0.8nm, 0.7s, baz=108, slow=6.1, SNR=5.8 P 14 14 13.9 -0.1 ILAR 0.3nm, 0.7s, baz=252, slow=5.5, SNR=4.4 LR 14 20 01.2 +0.2 NIED 14 14:29:00.39, 40N:143.80E, h14km, Mw3.7 Best double couple: Ma4.5000x1014 NP1s=199.00000, r39.00000, 1.88.00000. NP2s=22.00000, r51.00000, r92.00000. ISACJB 14 14:29:15.4, 0.6, 39.44N:0.03S:143.79E:0.05, h11km, mb3.7/7, Error ellipse= s-maj=6.3km s-min=4.4km az=27.9 JMA 14 14:29:16.8, 0.1, 39.39N:143.79E, h29km, M3.8 IDC 14 14:29:16.1, 1.1, 39.41N:143.74E, h0km, mb3.7/7, mb1 3.8/12, mb1mx3.6/47, mbtp3.8/12, ML3.1/4, MS2.4/2, Ms1 2.4/2, ms1mx2.2/35, Error ellipse= s-maj=28.4km s-min=17.9km az=82.0, IDC 14 14:29:17.5, 1.1, 39.39N:0.06S:143.70E:0.09, h11km, n30, r2518/36, mb3.9/7, Off east coast of Honshu

X32A	Elmer	baz=168,SNR=18	21.13	342	P	P	15	26	05.3	+0.6
W35A	Tecumseh	baz=159,SNR=14	21.24	348	P	P	15	26	06.0	+0.1
WMOK	Wichita Mounta	baz=161,SNR=10	21.29	344	P	P	15	26	07.0	+0.6
WMOK	Wichita Mounta	comp=N,SNR=21	21.29	344	eP	P	15	26	05.2	-1.2
MNTX	Cornudas Mount	comp=N,SNR=10.3	21.33	326	P	P	15	26	07.8	+1.0
MNTX	Cornudas Mount	baz=141,SNR=102	21.33	326	eP	P	15	26	07.7	+0.8
SDV	Santo Domingo	comp=N,45nm,0.7s	21.36	102	P	P	15	26	06.1	-1.5
SDV	Santo Domingo	comp=N,10.0nm,0.8s, baz=316,slow=9.6,SNR=7.4	21.36	102	P	P	15	26	10.6	+1.0
SDV	Santo Domingo	comp=N,1.5nm,0.4s, baz=287,slow=2.3,SNR=2.2	21.36	102	eP	P	15	26	06.0	-1.5
SDV	Santo Domingo	comp=N,20nm,0.8s	21.36	102	eP	P	15	26	10.6	+1.0
V41A	Mountainview	baz=178,SNR=2	21.36	359	P	P	15	26	07.5	+0.3
V42A	Cord	baz=180,SNR=9.8	21.38	1	P	P	15	26	07.5	+0.2
V43A	Jonesboro	baz=183	21.39	3	P	P	15	26	07.8	+0.3
V40A	Witts Springs	baz=171	21.40	358	P	P	15	26	07.9	+0.3
SWET	Sewanee	comp=N,18nm,1.1s	21.44	13	eP	P	15	26	08.3	+0.3
NHSC	New Hope	comp=N,11nm,1.1s	21.44	27	eP	P	15	26	07.5	-0.5
NHSC	Humboldt	comp=N,11nm,1.1s	21.46	6	eP	P	15	26	21.8	+0.4
V44A	Blytheville	baz=187,SNR=5.6	21.47	4	P	P	15	26	08.7	+0.4
V39A	Pettigrew	baz=184	21.48	356	P	P	15	26	08.9	+0.4
W34A	Bridge Creek	baz=174,SNR=14	21.51	346	P	P	15	26	08.9	+0.2
W34A	Bridge Creek	baz=164,SNR=20	21.51	346	eP	P	15	26	08.2	-0.5
V38A	Canehill	comp=N,54nm,0.6s	21.57	354	P	P	15	26	09.3	-0.1
W33A	Caddo, Fort Co	baz=173,SNR=12	21.60	345	P	P	15	26	10.5	+0.8
V37A	Hulbert	baz=162,SNR=14	21.67	352	P	P	15	26	10.8	+0.3
V36A	Jenks	baz=171,SNR=12	21.69	351	P	P	15	26	10.9	+0.2
W32A	Sentinel	baz=169	21.78	343	P	P	15	26	11.6	0.0
TUL1	Leonard	baz=160,SNR=28	21.79	351	P	P	15	26	11.6	-0.1
TUL1	Leonard	comp=N,66nm,1.2s	21.79	351	eP	P	15	26	11.0	-0.7
V35A	Meyer Ranch, C	baz=166	21.82	349	P	P	15	26	12.1	0.0
U41A	Viola	baz=179	21.92	360	P	P	15	26	13.0	-0.1
U42A	Reviden	baz=181,SNR=13	21.93	1	P	P	15	26	13.4	+0.2
U40A	Fellville	baz=177,SNR=6.5	21.95	358	P	P	15	26	13.8	+0.3
GLAT	Glass	21.95	5	eP	P	15	26	12.9	-0.6	
MSTX	Muleshoe	baz=150,SNR=9.8	21.96	335	P	P	15	26	13.8	+0.1
MSTX	Muleshoe	comp=N,63nm,1.3s	21.96	335	eP	P	15	26	12.8	-0.8
U43A	Rector	baz=183	21.98	3	P	P	15	26	14.0	+0.3
WVT	Waverly	comp=N,57nm,1.1s	22.00	16	eP	P	15	26	13.3	-0.5
CPCT	Cooper Cave	comp=N,22nm,0.8s	22.00	16	eP	P	15	26	14.5	+0.4
JSC	Jenkinsville	comp=N,59nm,1.1s	22.00	24	eP	P	15	26	13.8	-0.3
U39A	Green Forest	baz=175,SNR=9.9	22.01	356	P	P	15	26	14.7	+0.6
U44B	Burton Farm, H	baz=181	22.02	5	P	P	15	26	14.4	+0.3
V34A	Guthrie	baz=165	22.03	347	P	P	15	26	14.9	+0.6
V34A	Guthrie	comp=N,86nm,1.2s	22.03	347	eP	P	15	26	13.2	-1.1
U45A	Rockin P Farm,	baz=187	22.08	6	P	P	15	26	15.1	+0.2
U44A	Portageville	baz=185	22.15	4	P	P	15	26	15.8	+0.2
U37A	Saline	baz=171	22.19	353	P	P	15	26	16.1	+0.1
V33A	Lossen Ranch,	baz=163,SNR=5.7	22.19	346	P	P	15	26	16.2	+0.2
GUVC	San Jose del G	22.21	120	eP	P	15	26	19.5	+3.0	
U36A	Oologah	baz=189	22.25	351	P	P	15	26	16.9	+0.1
V32A	Arapaho	baz=161,SNR=6.7	22.28	344	P	P	15	26	17.3	+0.1
PARMO	Parma	22.31	4	eP	P	15	26	16.8	-0.5	
AMTX	Amarillo	baz=154	22.34	338	P	P	15	26	18.1	+0.3
AMTX	Amarillo	comp=N,52nm,0.6s	22.34	338	eP	P	15	26	17.3	-0.5
PBMO	Poplar Bluff	comp=N,37nm,0.9s	22.38	3	eP	P	15	26	17.3	-0.8
U35A	Pawnee	22.39	349	P	P	15	26	18.0	-0.3	
TKL	Tuckaleechee C	comp=N,12nm,0.6s, baz=180,slow=11,SNR=20	22.42	17	P	P	15	26	19.3	+0.9
TKL	Tuckaleechee C	comp=N,44nm,1.0s	22.43	17	eP	P	15	26	18.4	0.0
TKL	Tuckaleechee C	comp=N,5.0nm,0.7s, baz=143,slow=2.3,SNR=3.3	22.43	17	eP	P	15	26	18.4	0.0
U34A	Anderson Ranch	baz=165,SNR=9.4	22.61	348	P	P	15	26	20.1	-0.5
U34A	Anderson Ranch	comp=N,90nm,1.0s	22.61	348	eP	P	15	26	20.1	-0.5
T41A	Mountain View	baz=180,SNR=13	22.62	360	P	P	15	26	20.5	-0.1
T39A	Clever	baz=176,SNR=11	22.64	357	P	P	15	26	20.5	-0.4
T43A	Greenville	baz=183,SNR=18	22.69	3	P	P	15	26	20.6	-0.8
T38A	Diamond	baz=173	22.72	355	P	P	15	26	21.4	-0.3
T40A	Mansfield	baz=178	22.73	358	P	P	15	26	21.6	-0.2
U33A	Lingo Farm, Me	baz=164,SNR=7.3	22.73	347	P	P	15	26	21.7	-0.2
KMSC	Kings Mountain	baz=206,SNR=11	22.74	23	P	P	15	26	22.1	+0.2
KMSC	Kings Mountain	comp=N,49nm,0.9s	22.74	23	eP	P	15	26	21.0	-0.9
T44A	Benton	baz=185	22.74	4	P	P	15	26	21.7	-0.2
T37A	Cheneyville 18	baz=172,SNR=7.6	22.87	353	P	P	15	26	23.1	-0.1
U35A	Sooner Cattle	baz=168	22.89	350	P	P	15	26	23.0	-0.5
T32A	Winter Ranch,	baz=161	22.90	345	P	P	15	26	24.2	+0.6
T36A	Boggs Farm, Ca	baz=169	22.93	351	P	P	15	26	23.3	-0.6
HSIG	comp=N,19nm,1.2s	23.02	313	eP	P	15	26	25.2	+0.3	
SRIG	Santa Rosalia	comp=N,107nm,1.5s	23.07	307	eP	P	15	26	26.1	+0.8
T34A	NicClaskie Farm	baz=166,SNR=5.1	23.11	349	P	P	15	26	25.3	-0.4
S41A	Jilco Farms,	baz=180,SNR=9.3	23.18	350	P	P	15	26	25.8	-0.5
S40A	Lebanon	baz=178,SNR=7.2	23.19	3	P	P	15	26	25.6	-0.8
S43A	Fulton Ridge,	baz=184,SNR=9.2	23.19	3	P	P	15	26	25.6	-0.8
S38A	Stockton	baz=174,SNR=7.7	23.28	356	P	P	15	26	26.6	-0.7
121A	Cookes Peak, D	comp=N,45nm,0.9s	23.29	324	eP	P	15	26	29.0	+1.4
121A	Cookes Peak, D	baz=137,SNR=5.4	23.29	324	eP	P	15	26	29.0	+1.4
TZTN	Tazewell	comp=N,95nm,1.4s	23.30	17	eP	P	15	26	27.1	-0.4
S39A	Bolivar	baz=176,SNR=9.4	23.30	357	P	P	15	26	26.8	-0.7
S42A	Caledonia	23.36	2	P	P	15	26	27.5	-0.5	
S44A	Carbondale	baz=182,SNR=9.8	23.37	5	P	P	15	26	27.6	-0.5
319A	Douglas	baz=186,SNR=16	23.37	319	eP	P	15	26	29.3	+0.9
T33A	Patterson Ranch	comp=N,6nm,1.3s	23.39	347	P	P	15	26	28.7	+0.4
SIUC	Southern Illin	baz=164	23.39	5	eP	P	15	26	27.4	-0.9
S45A	Carrier Mills	comp=N,152nm,0.9s	23.42	6	P	P	15	26	27.8	-0.8
S37A	Fort Scott	baz=172	23.49	354	P	P	15	26	28.7	-0.6
S36A	Lake Leduc, C	baz=170,SNR=8.8	23.55	352	P	P	15	26	29.5	-0.2
S35A	Otter Creek Ra	baz=168,SNR=7.2	23.61	351	P	P	15	26	29.7	-0.6
T32A	Huddler Ranch,	baz=162	23.64	346	P	P	15	26	30.5	-0.1
S34A	Willow Spring	baz=167	23.76	349	P	P	15	26	31.1	-0.5
USIN	University of	comp=N,1,62nm,1.0s	23.81	8	eP	P	15	26	31.0	-1.1
R38A	Fenwick Farm,	baz=174,SNR=11	23.83	356	P	P	15	26	31.9	-0.5
R40A	Maddies Statio	baz=179,SNR=5.5	23.86	359	P	P	15	26	31.9	-0.7
R42A	Luebbering	baz=182,SNR=11	23.86	2	P	P	15	26	32.3	-0.2
R41A	Rosebud	baz=180,SNR=16	23.87	1	P	P	15	26	32.0	-0.6
BNM	Barn Site	baz=184,SNR=12	23.89	328	eP	P	15	26	34.8	+1.6
R43A	Red Bud	baz=184,SNR=12	23.90	4	P	P	15	26	33.2	+0.3
R39A	Chumby, Stover	baz=179,SNR=7.2	23.91	357	P	P	15	26	32.3	-0.7
R44A	Waltoville	baz=186,SNR=6.9	23.93	5	P	P	15	26	32.4	-0.8
Y22D	IRIS PASCAL I	comp=N,45nm,0.8s	23.98	328	eP	P	15	26	35.5	+1.6
LPM	Los Pinos Moun	24.02	328	eP	P	15	26	36.1	+1.9	
R37A	Teagarden Farm	baz=172	24.04	354	P	P	15	26	34.6	+0.4
R36A	Gordon, Harris	baz=171	24.12	353	P	P	15	26	35.2	+0.2
S32A	Newby Ranch, P	baz=162	24.14	346	P	P	15	26	35.7	+0.6
R35A	Emporia Munic	baz=169	24.22	351	P	P	15	26	36.0	-0.2
WCI	Wyandotte Cave	comp=N,49nm,0.8s	24.28	10	eP	P	15	26	36.0	-0.4
WCI	Ladron	24.35	328	eP	P	15	26	36.1	+1.0	
LAZ	Isabella, Hill	baz=167	24.36	349	P	P	15	26	37.7	+0.6
ANMO	Albuquerque	baz=148,slow=12,SNR=9.2	24.44	330	P	P	15	26	39.3	+1.8
ANMO	Albuquerque	comp=N,19nm,0.7s, baz=148,slow=12,SNR=9.2	24.44	330						

14d 15h

Table with columns: ID, Name, Comp, Time, Diff, P, and other details. Rows include Butcher Ranch, MSU Marysvalle, Hector Ludlow, etc.

2011 AUG

Table with columns: ID, Name, Comp, Time, Diff, P, and other details. Rows include TVH1 TV Hill, B35A Bob, Littlefor, AGMN Agassiz Nation, etc.

662

Table with columns: ID, Name, Comp, Time, Diff, P, and other details. Rows include SAW Saint Andrews, G03D McMinnville, F04A Ambly, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like PBRR Braganca, EKA Eska, ESKA Eska, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like CMAR comp=Z,45nm,0.8s, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ONAJ Kawauchi, JFK JKB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NORARS Subarra128.28 345, NORARS Array S 128.28 345, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HOR 196nm,0.4s, HOR Horta, HOR Candalaria, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, FINES Fines Array B, AKASG Mastin Array Be, etc.

ISC 14 22:05:39.1±10.0, 13.83S;169.99E, h641km, 125km, mb3.3/5, mb1 3.5/5, mb1mx2.9/32, mbtmp4.4/5, Error ellipse: s-maj=78.9km s-min=39.1km az=97.0, Vanuatu Islands region

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

CSEM 14 22:08:12.9±0.1, 41.23N;43.84E, h8km, ML1.7, Error ellipse: s-maj=4.1km s-min=2.4km az=153.0, DDA 14 22:08:12.4, 41.27N;43.79E, h8km, MD2.8, TIF 14 22:08:12.4, 41.22N;43.87E, h16km, ISCJB 14 22:08:13.2±0.6, 41.21N;0.03;43.84E;0.03, h8km, 4km, Error ellipse: s-maj=5.7km s-min=3.3km az=159.7, ISC 14 22:08:12.9±0.9, 41.23N;0.03;43.84E;0.03, h15km, 6km, n24, c0568/48, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BGD Bogdanovka, AKH Akhalkalaki, KZR Kazreti, etc.

CSEM 14 22:17:07.0, 39.42N;29.84W, h10km, ML3.2, PDA 14 22:17:07.0±1.2, 39.42N;29.84W, h10km, MD3.8, ML3.2, 6C, Error ellipse: s-maj=10.7km s-min=2.2km az=29.0, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H07N1 FLORES T-PHASE, H07N1 FLORES T-PHASE, H07S1 H07S1, etc.

IDC 14 22:18:00.4±2.3, 0.63S;15.97W, h0km, mb3.8/5, mb1 3.9/6, mb1mx3.5/43, mbtmp3.8/6, ML3.2/1, MS3.8/17, Mb1 3.8/17, ms1mx3.6/29, Error ellipse: s-maj=56.7km s-min=31.2km az=80.0, North of Ascension Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H10N2 ASCENSION HYDR, H10N3 ASCENSION HYDR, H10N1 ASCENSION HYDR, etc.

NIED 14 22:21:00, 37.40N;142.20E, h65km, Mw4.3, Best double couple: M3, 1000±1015, 1.174±0.311, 0.00000; 87, 000000; 1.1, 0.00000; NP2, 0.0, 74.00000; 886, 00000; 0.84, 00000; JMA 14 22:21:56.0±0.2, 37.39N;142.21E, h23km, 4km, M3.7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JFK Kawauchi, ONAJ Iwakimizuishy, JMM Marumori, etc.

IDC 14 22:56:32.4±6.2, 6.16S;178.34E, h633km, 46km, mb3.2/4, mb1 3.3/6, mb1mx2.9/26, mbtmp4.3/6, Error ellipse: s-maj=52.6km s-min=38.8km az=35.0, South of Fiji Islands

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

GUC 14 23:01:18.7±0.5, 34.75S;71.78W, h43km, 2km, ML3.6, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHPI Pichilemu, CHPI Los Niches, NICH Talca, etc.

CSEM 14 23:12:17.3±0.1, 47.27N;14.60E, h2km, ML3.2/17, Error ellipse: s-maj=2.4km s-min=2.0km az=140.0, BGR 14 23:12:17.8±0.7, 47.27N;14.61E, h5km, ML2.9/3, Error ellipse: s-maj=7.8km s-min=4.4km az=93.0, BGR People awaked by the tremor, VIE 14 23:12:17.5±0.2, 47.24N;14.62E, h8km, mb2.0/8, ML3.0/8, Error ellipse: s-maj=1.8km s-min=1.4km az=165.0, PRU 14 23:12:18.1, 47.26N;14.62E, h6km, h0km, LDG 14 23:12:18.8±0.1, 47.23N;14.71E, h10km, MD3.3/1, M12.9/6, Error ellipse: s-maj=3.2km s-min=2.7km az=53.0, ROM 14 23:12:20.5±0.4, 47.15N;14.57E, h10km, MD3.0/11, M12.8/10, Error ellipse: s-maj=6.7km s-min=4.5km az=109.0, ISC 14 23:12:17.1±1.0, 47.29N;0.01x14.65E;0.01, h12km, 9km, n127, c1929/187, 1C-10Z, Austria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARSA Arzberg, MOA Molln, MOA Molln, SOKA Soboth, PERS Pernice, PERS Pernice, OBKA Obir, OBKA Obir, OBKA Obir, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H10S3 ASCENSION HYDR19, H10S1 ASCENSION HYDR19, H10S2 ASCENSION HYDR19, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CAPV OCANA, OCAC OCANA, NORC NORCASIA, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like INK Inuvik, WRAB Tennant Creek, WRA Warranga Arr, etc.

IDC 15 02:04:03.2, 4.725S, 130°54'E, h171km, 73km, mb3.4/1, mb1.3/73, mb1mx3.1/3, mbtmp4.1/3, Error ellipse: s-maj=105.7km s-min=64.5km az=86.0, Tanimbar

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA Warranga Arr, ASAR Alice Springs, ASAR 0.7nm, 0.3s, etc.

NIED 15 02:05:00, 37°30'N, 143°80'E, h8km, Mw4.0 Best double couple: M9.960000, 101°4'N, 136°00'00", 850.00000°, λ=50.00000°, NP2φ=188.00000°, 854.00000°, λ=127.00000°

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA Warranga Arr, ASAR Alice Springs, ASAR 0.7nm, 0.3s, etc.

MEX 15 02:12:56.0±0.8, 14°16'N, 92°17'W, h10km, 389km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CCIG Comitán, CCIG 1.0nm, 0.7s, etc.

ISCJB 15 02:30:31.5±0.4, 12°17'N, 0°06'140E, 0.1, h34km, mb4.3/20, MS3.4/10, Error ellipse: s-maj=14.2km s-min=9.3km az=0.3

NEIC 15 02:30:36.6±1.3, 12°15'N, 140°77'E, h67km, 13km, mb4.5/4, Error ellipse: s-maj=12.7km s-min=6.9km az=100.0

IDC 15 02:30:36.4±3.1, 12°16'N, 140°78'E, h65km, 30km, mb4.0/15, mb1.4/2.16, mb1mx3.9/45, mbtmp4.3/16, ML3.7/2, MS3.4/12, Ms1.3/4.12, ms1mx3.2/48, Error ellipse: s-maj=21.7km s-min=12.9km az=88.0

ISC 15 02:30:33.5±0.6, 12°21'N, 0°08'140E, 0.1, h34km, n32, 15°00'20E, mb4.4/20, MS3.3/10, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GUMO Guam, GUMC GUMC, JAY Jayapura, etc.

CSEM 15 01:22:33.5, 37°00'N, 24°46'W, h5km, ML2.9 PDA 15 01:22:33.5±1.3, 37°00'N, 24°46'W, h5km, MD3.5, ML2.9, 5C, Error ellipse: s-maj=7.4km s-min=5.5km az=103.0, Azores Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PSMN Pico do Norte, PSMN 229nm, 0.1s, PSMN Pico do Norte, etc.

JMA 15 02:05:50.7, 0.3, 37°26'N, 143°83'E, h54km, M4.4 ISC 15 02:05:51.3±0.7, 37°27'N, 0°05'143E, 0.07, h35km, n58, ±207/64, mb4.1/17, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JJO Ouri, JJK Kawachi, JONAJ Iwakimizuishi, etc.

CSEM 15 02:34:37.3, 36°20'N, 25°46'E, h0km, 9km, ML0.8/1 THE 15 02:34:37.3, 36°20'N, 25°46'E, h0km, 9km, ML0.8/1, Error ellipse: s-maj=14.2km s-min=0.9km az=170.0, Decadence Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like THR6 Thira Island, THR6 Thira Island, THR6 Santorini, etc.

ISCJB 15 01:40:59.7±0.7, 6°80'N, 0°04'73°07'W, 0.05, h162km, 6km, Error ellipse: s-maj=10.3km s-min=4.5km az=34.8

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BARC Barichara, PAMC Pamplona, COLO, etc.

ISC 15 01:40:59.3, 6°68'N, 73°23'W, h166km, MW2.8 RNSC 15 01:41:02.4±0.8, 6.76N, 73°12'W, h147km, 5km, ML2.6 ISC 15 01:40:59.8±1.4, 6.79N, 0°05'73°06'W, 0.06, h163km, 9km, n18, ±1503/31, 1C, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H11N1 WAKE ISLAND Hy 26.57 125 T, H11N3 WAKE ISLAND Hy 26.59 125 T, etc.

ISK 15 02:35:57.0, 40°48'N, 34°85'E, h9km, MD2.8 ISCJB 15 02:35:58.0±0.5, 40°44'N, 0°02'34.8E, 0.04, h8km, 4km, Error ellipse: s-maj=5.3km s-min=3.9km az=0.5

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like COAL Corum-Alaca, COAL Corum-Alaca, COAL Corum-Alaca, etc.

ANWB	Willy Bob	24.55	37	e	pP	02 58 54.8	-1.6
ANWB	Willy Bob	24.55	37	eP	P	02 58 20.4	-1.3
TEIG	comp=Z,5um,1.9s						
ANWB	Tepich	24.61	34	eS	S	02 02 28.6	-1.1
TEIG	comp=Z,5.4nm,0.3s,baz=337,slow=24,SNR=87					02 56 22.2	0.0
TEIG	comp=Z,1.5nm,1.1s,baz=179,slow=24,SNR=11					03 05 18.0	+0.1
TEIG	comp=Z,4.4nm,2.1s,baz=166,slow=33					03 06 44.5	
TEIG	Tepich	24.61	34	eP	LR	02 58 22.1	-0.1
TEIG	comp=Z,1.6nm,0.9s						
TEIG	ScP					03 05 18.0	+0.1
AZAP	Zapla	25.02	153	eP	ScP	02 58 25.7	-0.4
ASTB	Santa Barbara	25.06	152	eP	P	02 58 29.1	+2.6
SLA	San Lorenzo	25.26	155	eP	P	02 58 31.1	+2.9
FMG	Matias Romero	25.83	318	eP	P	02 58 38.3	+0.5
CISA	comp=Z,58nm,0.8s,baz=103,slow=7,2,SNR=47					02 58 39.7	+2.1
CAfatey	26.30	157	eP	P		02 58 47.5	+2.3
AHML	Horco Molle	27.62	168	eP	P	02 58 51.0	+1.5
LCO	Las Campanas	27.62	168	eP	P		
LCO	comp=Z,49nm,1.7s						
LOO	Vinchina	27.98	163	eP	PcP	03 02 04.2	+1.7
AGU	Choyá	28.19	159	eP	P	02 58 56.1	+3.6
CYA	GUANDACOL	28.61	164	eP	P	02 59 01.0	+3.0
TLIG	Tiapa	28.74	313	eP	P	02 59 00.0	+0.7
TLIG	comp=Z,64nm,0.9s						
TLIG	eS					03 03 32.4	-3.7
AROD	Rodeo	29.01	166	eP	S	02 59 09.1	+2.9
ACCO	Cerro Coronel	29.51	166	eP	P	02 59 12.2	+2.1
AMOG	MOGNA	29.98	165	eP	P	02 59 12.8	+2.5
AVFE	Valle Ferial	30.00	163	eP	P	02 59 11.5	0.0
DWPF	Disney Wildern	30.14	352	eP	P		
CPUP	Villa Florida	30.78	144	eP	P	02 59 17.3	+0.2
CPUP	comp=Z,2.7nm,0.7s,baz=329,slow=9,0,SNR=67					03 02 11.1	+0.8
CPUP	comp=Z,2.3nm,0.9s,baz=359,slow=3,5,SNR=5.4					03 05 38.4	+1.6
CPUP	comp=Z,1.5nm,1.2s,baz=0.7,slow=7.5,SNR=4.3						
CPUP	Villa Florida	30.78	144	eP	P	02 59 17.3	+0.2
CPUP	comp=Z,1.5nm,1.2s,baz=0.7,slow=7.5,SNR=4.3					03 02 10.5	+0.2
CPUP	USपाली	31.00	167	eP	ScP	02 59 22.8	+3.3
ALSP	Ei Roble	31.42	170	eP	P	02 59 25.3	+2.4
ROCI	Ei Roble	31.42	170	eP	P	02 59 25.0	+2.1
ROCI	comp=Z,315nm,0.7s						
ASAL	Salagasta	31.48	167	eP	P	02 59 26.7	+3.4
ACAN	Camantal	31.59	164	eP	P	02 59 26.8	+2.5
BDFB	Brasilía	31.66	117	eP	P	02 59 26.6	+1.4
BDFB	comp=Z,37nm,0.5s,baz=282,slow=10,SNR=149						
BDFB	comp=Z,34nm,1.0s,baz=315,slow=1,4,SNR=4.7					03 02 14.2	+1.2
BDFB	comp=Z,36nm,1.0s,baz=245,slow=4,8,SNR=5.5					03 05 42.2	+2.2
BDFB	Brasilía	31.66	117	eP	P	02 59 26.8	+1.6
ARCO	CERRO ARCO	31.70	167	eP	P	02 59 28.0	+2.7
AAGR	Agrelo	31.96	167	eP	P	02 59 30.1	+2.6
MOIG	Moretá	32.00	313	eP	P	02 59 29.7	+1.6
646A	Port Sulphur	33.62	340	eP	P	02 59 42.7	+0.9
TIGA	Tifton	33.74	350	eP	P	02 59 42.5	-0.3
TIGA	baz=168,SNR=5.7					03 04 53.2	-0.2
645A	Chauvin	33.79	338	eP	P	02 59 43.8	+0.5
546A	Slidell	34.18	340	eP	P	02 59 47.3	+0.7
448A	Bay Minette	34.25	343	eP	P	02 59 47.2	0.0
BRAL	Brewton	34.25	345	eP	P	02 59 47.2	0.0
545A	Edgard	34.28	339	eP	P	02 59 48.8	+1.3
447A	Luceo	34.36	342	eP	P	02 59 48.4	+0.2
446A	Poplarville	34.58	341	eP	P	02 59 50.3	+0.3
544A	White Castle	34.59	338	eP	P	02 59 51.0	+0.9
348A	Jackson	34.71	344	eP	P	02 59 50.9	-0.3
RGRS	Roger Stewart	34.75	355	eP	P	02 59 52.1	+0.6
035Z	Hargill	34.77	326	eP	P	02 59 53.1	+1.3
CSU	Charleston Sou	34.82	355	eP	P	02 59 51.4	-0.6
543A	St. Martinville	34.83	337	eP	P	02 59 52.9	+0.7
445A	Amite	34.85	340	eP	P	02 59 52.8	+0.4
347A	Saraland	34.89	343	eP	P	02 59 52.6	-0.1
NATX	New Hope	34.95	355	eP	P	02 59 53.8	+0.6
ZAIG	Zacatecas	34.97	316	eP	P	02 59 55.6	+1.7
444A	Pine Grove	34.98	339	eP	P	02 59 54.0	+0.5
936A	North Padre Is	35.10	328	eP	P	02 59 55.5	+0.9
542A	Morse	35.14	336	eP	P	02 59 55.3	+0.4
035A	Encino	35.16	326	eP	P	02 59 56.3	+1.2
346A	Big Creek Wild	35.16	341	eP	P	02 59 54.9	-0.1
345A	Thompson Farm,	35.27	340	eP	P	02 59 56.1	+0.1
248A	Dixon Mills	35.31	344	eP	P	02 59 55.9	-0.4
541A	Lake Charles	35.34	335	eP	P	02 59 57.0	+0.4
443A	Delano Plantat	35.41	338	eP	P	02 59 57.4	+0.2
738A	Farr-Stevens R	35.41	331	eP	P	02 59 57.9	+0.6
247A	Quitman	35.52	343	eP	P	02 59 57.5	-0.6
KVTX	Kingsville	35.52	327	eP	P	02 59 58.8	+0.6
034A	Hebronville	35.58	326	eP	P	03 00 00.1	+1.4
442A	Mamou	35.61	337	eP	P	02 59 59.2	+0.3
246A	Jackson Lee, B	35.64	342	eP	P	02 59 58.3	-0.8
344A	Westbrook Farm	35.65	340	eP	Ka	02 59 59.3	+0.2
GOGA	GODFREY	35.65	351	eP	P	02 59 58.7	-0.5
GOGA	comp=Z,140nm,1.0s						
GOGA	Godfrey	35.65	351	eP	P	02 59 58.7	-0.5
737A	Port Lavaca	35.74	330	eP	P	03 00 01.0	+1.0
638A	Rosharon	35.80	332	eP	P	03 00 01.0	+0.4
540A	Vidor	35.81	334	eP	P	03 00 00.9	+0.3
SPB	Sao Paulo	35.84	129	eP	P	03 00 00.5	-0.5
245A	Little AP Sta	35.90	341	eP	P	03 00 00.8	-0.5
934A	Benavides	35.91	326	eP	P	03 00 02.8	+1.3
441A	DeRidge	35.95	336	eP	P	03 00 01.9	+0.2
147A	Livingston	36.00	344	eP	P	03 00 01.2	-1.0
LRAL	Lakeview Retre	36.01	346	eP	P	03 00 01.3	-0.9
BBSR	BB Station	36.02	18	eP	P	03 00 02.1	-0.2
539A	Cross D Ranch	36.05	333	eP	P	03 00 02.8	+0.2
835A	Beville	36.07	328	eP	P	03 00 03.9	+1.1
342A	Flagon Creek P	36.16	337	eP	P	03 00 03.3	-0.2
244A	Avory Jackson	36.17	340	eP	P	03 00 02.8	-0.8
146A	Union	36.20	343	eP	P	03 00 03.0	-0.8

376A	Circle Diamond	36.21	329	eP	P	03 00 05.1	+1.1
JSC	Jenkinsville	36.21	354	eP	P	03 00 03.1	-0.9
JSC	comp=Z,240nm,1.3s						
JSC	Jenkinsville	36.21	354	eP	P	03 00 03.1	-0.9
637A	Eagle Lake	36.24	331	eP	P	03 00 04.9	+0.6
440A	Kirbyville	36.26	335	eP	P	03 00 04.0	-0.5
VBMS	Vicksburg	36.27	340	eP	P	03 00 03.7	-0.8
VBMS	Vicksburg	36.27	340	eP	P	03 00 03.0	-1.5
243A	Waterproof	36.30	339	eP	P	03 00 04.2	-0.5
834A	Tilden	36.33	327	eP	P	03 00 06.0	+1.0
933A	Laredo	36.34	325	eP	P	03 00 06.3	+1.1
145A	Houston Retno	36.43	341	eP	P	03 00 05.0	-0.8
247A	Carrollton	36.44	344	eP	P	03 00 05.0	-0.9
341A	Kurthwood	36.45	336	eP	P	03 00 05.4	-0.6
248A	Notopur	36.47	345	eP	P	03 00 05.2	-1.0
538A	Harpers Horsep	36.49	333	eP	P	03 00 06.6	+0.2
745A	Kenley	36.51	328	eP	P	03 00 07.2	+0.6
143A	Alexander Plac	36.62	341	eP	P	03 00 06.6	-0.9
636A	Smothers Creek	36.63	330	eP	P	03 00 08.2	+0.6
439A	Center Grove,	36.65	334	eP	P	03 00 07.5	-0.3
246A	Louisville	36.68	343	eP	P	03 00 07.4	-0.5
242A	Grayson	36.71	338	eP	P	03 00 07.6	-0.6
537A	Green Hill Far	36.76	331	eP	P	03 00 08.7	0.0
340A	Waller	36.82	336	eP	P	03 00 08.4	-0.8
734A	La Parita Cree	36.90	328	eP	P	03 00 10.3	+0.4
635A	Leesville	36.92	329	eP	P	03 00 09.8	-0.3
438A	Sam Houston St	36.93	333	eP	P	03 00 09.8	-0.3
833A	Chaparral WMA,	36.95	326	eP	P	03 00 10.9	+0.6
CNCC	Cliffs of the	36.95	359	eP	P	03 00 10.0	-0.2
241A	Mo Tay, Gold	36.96	337	eP	P	03 00 09.6	-0.7
143A	Sox Landing,	37.02	340	eP	P	03 00 09.5	-1.3
339A	Huntington	37.03	335	eP	P	03 00 10.2	-0.7
Y47A	JCPARC, Winif	37.05	345	eP	P	03 00 10.0	-1.1
142A	Monroe	37.07	339	eP	P	03 00 10.3	-0.9
245A	Winona	37.07	342	eP	P	03 00 10.2	-1.0
KM5C	Kings Mountain	37.07	354	eP	P	03 00 11.1	-0.1
KM5C	Kings Mountain	37.07	354	eP	P	03 00 11.0	-0.3
536A	Bastrop	37.12	330	eP	P	03 00 11.7	0.0
733A	Divot King Ran	37.20	327	eP	P	03 00 12.9	+0.4
Z44A	Pea Ridge, Bel	37.22	341	eP	P	03 00 11.7	-0.8
634A	China Grove, S	37.22	328	eP	P	03 00 12.8	+0.3
832A	Faith Ranch, C	37.25	325	eP	P	03 00 13.4	+0.5
Y46A	Houston	37.30	344	eP	P	03 00 12.1	-1.1
437A	Phantom Ranch,	37.30	332	eP	P	03 00 12.9	-0.3
240A	Hunter Patters	37.31	336	eP	P	03 00 12.9	-0.4
535A	Dale	37.34	330	eP	P	03 00 13.4	-0.1
338A	Crockett	37.38	334	eP	P	03 00 13.8	0.0
Z43A	Armstrong Fami	37.42	340	eP	P	03 00 13.0	-1.2
NATX	Nacogdoches	37.44	335	eP	P	03 00 14.0	-0.3
NATX	Nacogdoches	37.44	335	eP	P	03 00 14.0	-0.3
141A	Papa Simpson,	37.47	338	eP	P	03 00 14.0	-0.6
Y45A	Yeager Farm, C	37.49	343	eP	P	03 00 14.2	-0.6
436A	Wall Ranch, Ga	37.57	331	eP	P	03 00 15.3	-0.1
239A	Gary	37.58	335	eP	P	03 00 15.4	-0.2
337A	Centerville	37.60	333	eP	P	03 00 15.8	+0.1
633A	Saathoff Ranch	37.72	327	eP	P	03 00 17.1	+0.3
Z42A	Norris Spur, H	37.72	339	eP	P	03 00 15.5	-1.2
140A	Cam and Jess,	37.77	337	eP	P	03 00 16.6	-0.4
Y44A	Strider, Charl	37.78	342	eP	P	03 00 16.0	-1.2
534A	Blanco	37.80	329	eP	P	03 00 17.1	-0.4
CPCT	Cooper Cave	37.82	350	eP	P	03 00 17.0	-0.5
CPCT	comp=Z,152nm,0.9s						
238A	Jacksonville	37.85	334	eP	P	03 02 29.5	-0.9
SWET	Sewanee	37.86	348	eP	P	03 00 16.8	-1.1
TKL	Tuckaleehee C	37.90	351	eP	P	03 00 17.	

Table with columns: TUC, Tucson, 46.70 320, eP, P, 03 01 30.4 +1.0. Includes entries like TUC Tucson, M34A Aspy Farms, Fr, WVL WWL, Plevna, J40A Soldiers Grove, etc.

Table with columns: H34A Spellman Lake, 49.30 342, P, P, 03 01 46.9 -2.2. Includes entries like J30A Dallas, P301 Paradox Valley, LMQ La Malbaira, etc.

Table with columns: SZCU Shurtz Canyon, 51.57 323, eP, P, 03 02 07.9 +1.4. Includes entries like C35A Jirik Farms, M34A Aspy Farms, ARGU Argyle Ridge, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like MDND Maddock, A32A Rocking H Ranch, MPMC Manual Prospe, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like BOZ Bozeman (W), CMB Columbia Cole, CMB Columbia Cole, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like GRON Grota Negra, CMLA Cha da Macela, CMLA Cha da Macela, etc.

Table with columns: STU, MOL, DAVOX, etc. containing station names, frequencies, and signal quality indicators.

Table with columns: AQU, KBA, KBS, KBC, etc. containing station names, frequencies, and signal quality indicators.

Table with columns: GOPC, STEI, VISS, NVLJ, SOKA, etc. containing station names, frequencies, and signal quality indicators.

Table with columns for station name, coordinates, and various data points. Includes stations like Nakatsue, Dalian, Forrest Beijing, Alice Springs, Warramunga Arr, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like Sriramsagar, Enshi, Chengdu, Hyderabad (bro), Hyderabad, Suanglung, etc.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like Ust-Nera, Omchak, Moma, Talaya, Magadan, etc.

YARS 15 03:10:51.5,0.4,63.40N,0.01:145.83E,0.04,h10km
NERS 15 03:10:52.2,63.20N,145.81E,h10km
ISC 15 03:10:47.1,0.8,63.33N,0.03:145.70E,0.04,h10km,n14,
c222/25,1D,Eastern Siberia

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like Ust-Nera, Omchak, Moma, Talaya, Magadan, etc.

ISCJB 15 03:11:54.9,0.5,39.34N,0.02:27.64E,0.04,h9km,5km,
Error ellipse: s-maj=5.5km s-min=3.9km az=19.8
ISK 15 03:11:54.5,39.35N,27.63E,h8km,MD2.9
CSEM 15 03:11:55.2,0.1,39.33N,27.65E,h10km,MD2.9,Error
ellipse: s-maj=2.9km s-min=2.3km az=106.0
DDA 15 03:11:55.3,39.35N,27.63E,h7km,MD2.7
ISC 15 03:11:55.2,0.1,39.36N,0.02:27.63E,0.02,h10km,10km,
n41,c0886/56,Turkey

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like Balikesir, Balya, Akhisar, etc.

NEIC 15 03:17:22.7,16.59N,94.32W,h99km,mb4.1/1,
MD3.3(MEX),After,MEX
MEX 15 03:17:22.7,0.8,16.59N,94.32W,h99km,17km,MD4.3,
Oaxaca

GUC 15 03:08:56.9,0.4,20.51S,70.63W,h44km,2km,ML3.5,
1C-1D,Near coast of northern Chile

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like Humberton, Pisagua, IPOC Station P, etc.

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

ISC/JB 15 03:45:17.3:0.5,6.81N,0.073:02W,0.05,h163km,5km, Error ellipse: s-maj=8.4km s-min=3.5km az=31.2

FUNV 15 03:45:18.1,6.71N:73.16W,h162km,MW3.4 RNSC 15 03:45:19.9:0.7,6.78N:73.12W,h150km,4km,ML3.4

ISC 15 03:45:17.3:1.3,6.80N:0.04:73.04W:0.05,h165km,8km, n24, r1922/45,2C-1D, Northern Colombia

Table with columns: Code, Station Name, A° AZ°, Op, Phase ID, ISC, Time, Res, ISC. Lists various seismic stations and their associated data points.

ISC/JB 15 03:48:43.9:1.4,5.90S:0.03:153.26E:0.04,h61km,9km, mb5.1/89,MS4.1/23, Error ellipse: s-maj=6.6km

s-min=5.0km az=41.1 IDC 15 03:48:44.7:0.3,5.93S:153.24E,h0km,mb4.9/28,

mb1.5/0.31,mb1mx4.9/44,mbtmp:0.31,ML3.9/2,MS4.0/18, MS1.4/0.18,ms1mx3.8/38, Error ellipse: s-maj=14.8km

s-min=9.7km az=85.0 DJA 15 03:48:46.1:1.5,6.54N:15.4E,h163km,11km,MS.6/26,

mb6.0/7,mb5.2/26,MLv5.9/1,Mw(mB)5.6/7

BUI 15 03:48:48.6:5.34S:153.55E,h26km,mb5.2/54,mb5.1/35, MS4.6/23,MS7.4/3/21

MOS 15 03:48:49.1:1.0,5.80S:153.10E,h33km,mb5.4/32, Error ellipse: s-maj=9.1km s-min=6.7km az=92.2

NEIC 15 03:48:49.1:3.5,5.92S:153.24E,h33km,9km,mb5.2/41, Error ellipse: s-maj=5.0km s-min=4.0km az=104.0

GCMT 15 03:48:49.6:0.3,5.97S:153.23E,h29km,MLv5.2/83, Moment Tensor Solution: s34,c39; s83,c105. Duration: 1S 0

Moment tensor: Scale 10^17Nm; Mr=0.0; Ms=0.16; M0=0.74; M1=0.06; M2=0.05; M3=0.03; M4=0.03; M5=0.03; M6=0.03; M7=0.03; M8=0.03; M9=0.03; M10=0.03; M11=0.03; M12=0.03; M13=0.03; M14=0.03; M15=0.03; M16=0.03; M17=0.03; M18=0.03; M19=0.03; M20=0.03; M21=0.03; M22=0.03; M23=0.03; M24=0.03; M25=0.03; M26=0.03; M27=0.03; M28=0.03; M29=0.03; M30=0.03; M31=0.03; M32=0.03; M33=0.03; M34=0.03; M35=0.03; M36=0.03; M37=0.03; M38=0.03; M39=0.03; M40=0.03; M41=0.03; M42=0.03; M43=0.03; M44=0.03; M45=0.03; M46=0.03; M47=0.03; M48=0.03; M49=0.03; M50=0.03; M51=0.03; M52=0.03; M53=0.03; M54=0.03; M55=0.03; M56=0.03; M57=0.03; M58=0.03; M59=0.03; M60=0.03; M61=0.03; M62=0.03; M63=0.03; M64=0.03; M65=0.03; M66=0.03; M67=0.03; M68=0.03; M69=0.03; M70=0.03; M71=0.03; M72=0.03; M73=0.03; M74=0.03; M75=0.03; M76=0.03; M77=0.03; M78=0.03; M79=0.03; M80=0.03; M81=0.03; M82=0.03; M83=0.03; M84=0.03; M85=0.03; M86=0.03; M87=0.03; M88=0.03; M89=0.03; M90=0.03; M91=0.03; M92=0.03; M93=0.03; M94=0.03; M95=0.03; M96=0.03; M97=0.03; M98=0.03; M99=0.03; M100=0.03

Principal axes: T 0.7480, P1g1.0000; Azm266.0000; P -0.9070, P1g87.0000, Azm160.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

ISC 15 03:48:46.9:0.9,5.91S:0.04:153.30E:0.05,h14km,5km, n344, r1930/35,mb5.2/88,MS4.1/24,18C-16D, New Ireland region

Table with columns: Code, Station Name, A° AZ°, Op, Phase ID, ISC, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: GUMO, Station Name, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: Station Name, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SVKR Severomysk, SYVR Suvo, and others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Tupik, Talaya, and others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AAK, MJAR, ARU, and others.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like TVSB Tavsantli, RKY Sarkov-Tekirda, SART Tekirdag, etc.

LJU 15 05:22:35.4, 45:69N, 16:51E, h23km, ML2.3
ISCJB 15 05:22:36.0, 45:71N, 16:43E, 0.03, h7km, 3km,
Error ellipse: s-maj=4.0km s-min=2.3km az=44.5

BEO 15 05:22:36.6, 45:73N, 16:45E, h2km, ML2.5, 0.7
CSEM 15 05:22:36.7, 45:70N, 16:42E, h5km, ML3.0/10, Error
ellipse: s-maj=3.4km s-min=1.9km az=35.0

PRU 15 05:22:37.1, 45:74N, 16:46E, h12km
VIE 15 05:22:37.5, 45:82N, 16:30E, h7km, 2km, mb2.0/9,
ML2.6/10, Error ellipse: s-maj=5.0km s-min=3.2km
az=123.0

ISC 15 05:22:36.2, 45:73N, 16:47E, 0.02, h9km, 8km,
n88, r130/139, 11C-2D, Northwestern Balkan Peninsula
Code Station Name Az El Pn Sn Sg Time Res

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like SISAC Sisak, ZAG Zagreb, GCIS Gornji Cirkov, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like GOLS Golise, OZLJ Ozalj, CRES Cresnjev, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like BEHE Becehely, MRAK Mrakovica, DOBS Dobrina, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like BOJS Bojanci, PDKS Podkum, BLY Banja Luka, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like VISS Visnje, VNDS Vrh nad Dolski, UDBI Udbina, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like SOKA Srebrenica, LJLU Ljubljana, CEY Cerknica, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like OBKA Obkara, NVLJ Novalja, ARSA Arzberg, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like UPM Trudelj, TRUS Trudelj, BRAT Bratogost, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like KHC Kasperke Hory, MOTA Moosalm, SELS Selova, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like FETA Feichten, PRU Pruhonice, BARS Barje, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like BARS Barje, MOTA Moosalm, SELS Selova, etc.

IDC 15 05:24:36.0, 1.4, 40:47S, 176:28E, h0km, mb4.0/2,
mb1 4.1/4, mb1mx3.8/24, mbtmt3.9/4, ML3.2/2, MS2.8/2,
Ms1 2.8/2, ms1mx2.6/25, Error ellipse: s-maj=40.3km
s-min=23.7km az=124.0

WEL 15 05:24:42.6, 0.0, 40:43S, 176:18E, h35km, ML4.1/49, Error
ellipse: s-maj=1.0km s-min=0.6km az=90.0
WEL Felt between Wellington and Hawke's Bay, maximum
reported intensity MM 5.
NEIC 15 05:24:42.7, 40:42S, 176:16E, h35km, ML4.1(WEL), After
WEL.

NEIC Felt [IV] at Awapuni, Dannevirke, Hokowhitu, Pahiatua,
Palmerston North and Woodville. Felt as far south as
Lower Hutt.
ISC 15 05:24:41.5, 0.9, 40:47S, 176:24E, 0.03, h34km, 2km,
n170, r113/173, 17C-9D, North Island
Code Station Name Az El Pn Sn Sg Time Res

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like DVHZ Dannevirke, ANWZ Angora Road, BFZ Birch Farm, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like PRWZ Porirua, POWZ Post Office Ro, POWZ Post Office Ro, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like PRWZ Porangahau, PRHZ Porangahau, TIWZ Tintock, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like WPHZ Waipukurau, CPWZ Castlepoint, CPWZ Castlepoint, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like MWZ Mangatainoka R, PNHZ Pukenui, PNHZ Pukenui, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like CKHZ Cape Kidnapper, CKHZ Cape Kidnapper, CKHZ Kaweka Forest, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like KIW Kapiti Island, KIW Kapiti Island, KIW Kapiti Island, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like CAW Cannon Point, CAW Cannon Point, CAW Cannon Point, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like CAW Cannon Point, CAW Cannon Point, CAW Cannon Point, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like CAW Cannon Point, CAW Cannon Point, CAW Cannon Point, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like CAW Cannon Point, CAW Cannon Point, CAW Cannon Point, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like CAW Cannon Point, CAW Cannon Point, CAW Cannon Point, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like CAW Cannon Point, CAW Cannon Point, CAW Cannon Point, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like CAW Cannon Point, CAW Cannon Point, CAW Cannon Point, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like CAW Cannon Point, CAW Cannon Point, CAW Cannon Point, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like CAW Cannon Point, CAW Cannon Point, CAW Cannon Point, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Sg, Time, Res. Includes stations like CAW Cannon Point, CAW Cannon Point, CAW Cannon Point, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kahutara, Tophouse, Pakihiroa, Waionatani S, Matakaoa Point, etc.

JMA 15 05:25:58.7±0.2, 35.57N, 141.73E, h16km, 2km, M3.1
IDC 15 05:26:00.9±1.1, 35.46N, 141.27E, h0km, mb3.6/3,
mb1 3.8/4, mb1mx3.5/39, mbtmp3.6/4, ML2.9/2, Error
ellipse: s-maj=33.9km s-min=21.7km az=102.0

ISCJB 15 05:26:02.1±1.1, 35.45N, 0.06:141.5E:0.1, h25km,
mb3.6/3, Error ellipse: s-maj=12.3km s-min=7.8km
az=105.9

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

JMA 15 05:28:53.9±0.2, 35.56N, 141.72E, h15km, 2km, M3.3
ISCJB 15 05:28:55.1±1.1, 35.52N, 0.06:141.6E:0.1, h22km,
mb3.9/3, Error ellipse: s-maj=12.4km s-min=7.7km
az=106.2

IDC 15 05:28:56.0±2.2, 35.50N, 141.25E, h0km, mb3.8/3,
mb1 4.0/4, mb1mx3.6/39, mbtmp3.9/4, ML3.2/2, Error
ellipse: s-maj=52.3km s-min=25.0km az=69.0

ISC 15 05:28:56.1±1.4, 35.54N, 0.06:141.62E:0.10, h22km, n13,
±108/15, mb3.9/3, Near east coast of eastern Honshu

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

NIED 15 05:34:00.38±30N, 142.90E, h11km, Mw3.4 Best double
couple: Mo1.460000, 1014 NP1.3e217.00000, s28.00000,
λ-131.00000, NP2.4e81.00000, s69.00000,
λ-71.00000

JMA 15 05:34:16.9±0.2, 38.31N, 142.87E, h17km, 3km, M3.7,
Near east coast of eastern Honshu

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

BUI 15 05:47:54.4, 7.44S, 129.88E, h13km, mb4.6/20, mb4.8/16
NEIC 15 05:47:58.1±0.8, 7.07S, 129.54E, h103km, 6km, MB4.7/24,
Error ellipse: s-maj=9.1km s-min=6.4km az=54.0

ISCJB 15 05:47:59.0±0.2, 7.17S, 0.03:129.60E:0.03, h139km,
mb4.5/37, Error ellipse: s-maj=4.1km s-min=3.5km
az=136.1

IDC 15 05:47:59.6±2.0, 6.96S, 129.52E, h110km, 18km, mb4.1/15,
mb1 4.3/17, mb1mx4.1/36, mbtmp4.5/17, MS3.5/4,
Ms1 3.4/4, ms1mx2.8/31, Error ellipse: s-maj=16.8km
s-min=10.4km az=77.0

DJA 15 05:48:00.9±0.2, 7.32S, 13.0E, h110km, 3km, M4.9/30,
mb5.0/30, mb5.4/12, MLV5.0/5, Mw(mb)4.8/12

ISC 15 05:48:01.6±0.3, 7.10S, 0.04:129.61E:0.04, h139km, n129,
±232/140, mb4.6/37, 6C-1D, Banda Sea

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

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

JMA 15 05:25:58.7±0.2, 35.57N, 141.73E, h16km, 2km, M3.1
IDC 15 05:26:00.9±1.1, 35.46N, 141.27E, h0km, mb3.6/3,
mb1 3.8/4, mb1mx3.5/39, mbtmp3.6/4, ML2.9/2, Error
ellipse: s-maj=33.9km s-min=21.7km az=102.0

ISCJB 15 05:26:02.1±1.1, 35.45N, 0.06:141.5E:0.1, h25km,
mb3.6/3, Error ellipse: s-maj=12.3km s-min=7.8km
az=105.9

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

JMA 15 05:28:53.9±0.2, 35.56N, 141.72E, h15km, 2km, M3.3
ISCJB 15 05:28:55.1±1.1, 35.52N, 0.06:141.6E:0.1, h22km,
mb3.9/3, Error ellipse: s-maj=12.4km s-min=7.7km
az=106.2

IDC 15 05:28:56.0±2.2, 35.50N, 141.25E, h0km, mb3.8/3,
mb1 4.0/4, mb1mx3.6/39, mbtmp3.9/4, ML3.2/2, Error
ellipse: s-maj=52.3km s-min=25.0km az=69.0

ISC 15 05:28:56.1±1.4, 35.54N, 0.06:141.62E:0.10, h22km, n13,
±108/15, mb3.9/3, Near east coast of eastern Honshu

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

NIED 15 05:34:00.38±30N, 142.90E, h11km, Mw3.4 Best double
couple: Mo1.460000, 1014 NP1.3e217.00000, s28.00000,
λ-131.00000, NP2.4e81.00000, s69.00000,
λ-71.00000

JMA 15 05:34:16.9±0.2, 38.31N, 142.87E, h17km, 3km, M3.7,
Near east coast of eastern Honshu

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

BUI 15 05:47:54.4, 7.44S, 129.88E, h13km, mb4.6/20, mb4.8/16
NEIC 15 05:47:58.1±0.8, 7.07S, 129.54E, h103km, 6km, MB4.7/24,
Error ellipse: s-maj=9.1km s-min=6.4km az=54.0

ISCJB 15 05:47:59.0±0.2, 7.17S, 0.03:129.60E:0.03, h139km,
mb4.5/37, Error ellipse: s-maj=4.1km s-min=3.5km
az=136.1

IDC 15 05:47:59.6±2.0, 6.96S, 129.52E, h110km, 18km, mb4.1/15,
mb1 4.3/17, mb1mx4.1/36, mbtmp4.5/17, MS3.5/4,
Ms1 3.4/4, ms1mx2.8/31, Error ellipse: s-maj=16.8km
s-min=10.4km az=77.0

DJA 15 05:48:00.9±0.2, 7.32S, 13.0E, h110km, 3km, M4.9/30,
mb5.0/30, mb5.4/12, MLV5.0/5, Mw(mb)4.8/12

ISC 15 05:48:01.6±0.3, 7.10S, 0.04:129.61E:0.04, h139km, n129,
±232/140, mb4.6/37, 6C-1D, Banda Sea

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

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

JMA 15 05:25:58.7±0.2, 35.57N, 141.73E, h16km, 2km, M3.1
IDC 15 05:26:00.9±1.1, 35.46N, 141.27E, h0km, mb3.6/3,
mb1 3.8/4, mb1mx3.5/39, mbtmp3.6/4, ML2.9/2, Error
ellipse: s-maj=33.9km s-min=21.7km az=102.0

ISCJB 15 05:26:02.1±1.1, 35.45N, 0.06:141.5E:0.1, h25km,
mb3.6/3, Error ellipse: s-maj=12.3km s-min=7.8km
az=105.9

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

JMA 15 05:28:53.9±0.2, 35.56N, 141.72E, h15km, 2km, M3.3
ISCJB 15 05:28:55.1±1.1, 35.52N, 0.06:141.6E:0.1, h22km,
mb3.9/3, Error ellipse: s-maj=12.4km s-min=7.7km
az=106.2

IDC 15 05:28:56.0±2.2, 35.50N, 141.25E, h0km, mb3.8/3,
mb1 4.0/4, mb1mx3.6/39, mbtmp3.9/4, ML3.2/2, Error
ellipse: s-maj=52.3km s-min=25.0km az=69.0

ISC 15 05:28:56.1±1.4, 35.54N, 0.06:141.62E:0.10, h22km, n13,
±108/15, mb3.9/3, Near east coast of eastern Honshu

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

NIED 15 05:34:00.38±30N, 142.90E, h11km, Mw3.4 Best double
couple: Mo1.460000, 1014 NP1.3e217.00000, s28.00000,
λ-131.00000, NP2.4e81.00000, s69.00000,
λ-71.00000

JMA 15 05:34:16.9±0.2, 38.31N, 142.87E, h17km, 3km, M3.7,
Near east coast of eastern Honshu

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

BUI 15 05:47:54.4, 7.44S, 129.88E, h13km, mb4.6/20, mb4.8/16
NEIC 15 05:47:58.1±0.8, 7.07S, 129.54E, h103km, 6km, MB4.7/24,
Error ellipse: s-maj=9.1km s-min=6.4km az=54.0

ISCJB 15 05:47:59.0±0.2, 7.17S, 0.03:129.60E:0.03, h139km,
mb4.5/37, Error ellipse: s-maj=4.1km s-min=3.5km
az=136.1

IDC 15 05:47:59.6±2.0, 6.96S, 129.52E, h110km, 18km, mb4.1/15,
mb1 4.3/17, mb1mx4.1/36, mbtmp4.5/17, MS3.5/4,
Ms1 3.4/4, ms1mx2.8/31, Error ellipse: s-maj=16.8km
s-min=10.4km az=77.0

DJA 15 05:48:00.9±0.2, 7.32S, 13.0E, h110km, 3km, M4.9/30,
mb5.0/30, mb5.4/12, MLV5.0/5, Mw(mb)4.8/12

ISC 15 05:48:01.6±0.3, 7.10S, 0.04:129.61E:0.04, h139km, n129,
±232/140, mb4.6/37, 6C-1D, Banda Sea

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

MEX 15 06:09:57.8±0.4, 17.26N, 101.22W, h13km, 2km, MD3.7, 1D,
Near coast of Guerrero

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

ISCJB 15 06:12:57.3±0.4, 0.10N, 0.05:124.39E:0.04, h73km,
mb2.0/2, Error ellipse: s-maj=7.8km s-min=4.8km
az=20.6

DJA 15 06:12:59.3±0.6, 0.14N, 12.4E, h303km, 9km, M4.6/11,
mb4.8/4, mb5.0/3, MLV4.6/11, Mw(mb)4.4/3

IDC 15 06:13:01.5±2.8, 0.02N, 124.42E, h107km, 25km, mb3.7/12,
mb1 3.8/14, mb1mx3.6/37, mbtmp4.1/14, Error ellipse:
s-maj=23.3km s-min=9.5km az=63.0

ISC 15 06:12:58.5±0.6, 0.05N, 0.06:124.39E:0.05, h73km, n25,
±1540/30, mb3.9/12, Minahassa Peninsula, Sulawesi

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SANI, LBMI, NLAI, etc.

ROM 15 06:17.16.1.1, 40.49N; 19.70E, h10km, Ml2.8/10, Error ellipse: s-maj=16.6km s-min=5.7km az=100.0

ATH 15 06:17.17.2.40.44N; 19.54E, h24km, 1km, Ml2.5/10, Error ellipse: s-maj=2.2km s-min=1.3km az=138.0

CSEM 15 06:17.19.5.0.1, 40.36N; 19.51E, h20km, Ml2.5, Error ellipse: s-maj=3.9km s-min=1.8km az=16.0

THE 15 06:17.19.0.40.28N; 19.41E, h14km, 3km, Ml2.7/8, Error ellipse: s-maj=5.0km s-min=1.4km az=271.0

ISC 15 06:17.17.3.1.1, 40.36N; 0.003; 19.57E; 0.02, h11km, 9km, n75, c1343/110, Albania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SCITE, SAGD, SGI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like THL, ETVR, LIT, etc.

JMA 15 06:26.22.7.36.80N; 140.64E, h9km, M1.0, Near east coast of eastern Honshu

NIED 15 06:26.00.36.20N; 140.10E, h8km, Mw4.8 Best double couple: M1 57000; 1016 NP1 159 00000; R22 00000

MOS 15 06:26.42.4.0.9.36.07N; 139.91E, h39km, mb5.1/80, Error ellipse: s-maj=7.5km s-min=4.3km az=107.1

ISCJB 15 06:26.47.2.0.3.36.07N; 0.02; 139.95E; 0.03, h80km, 2km, mb4.7/179, Error ellipse: s-maj=4.2km s-min=3.3km az=156.1

NEIC 15 06:26.47.9.0.4.36.12N; 140.09E, h75km, 3km, mb4.4/42, mb1 4.5/47, mb1mx4.4/63, mbtmp4.7/47, MS3.5/24, Ms1 3.5/24, ms1mx3.5/37, Error ellipse: s-maj=7.4km s-min=6.2km az=49.0

NEIC 15 06:26.48.0.0.4.36.10N; 139.96E, h74km, 3km, mb4.8/101, Error ellipse: s-maj=3.7km s-min=2.9km az=140.0

NEIC Felt at Chiba and Tokyo. Recorded [4 JMA] in Tochigi. JMA 15 06:26.48.0.0.1.36.13N; 140.08E, h64km, 1km, M4.7

Broadband fault plane solution: P waves. NP1: 0.7, 0.00000, 0.83, 0.00000, 0.85, 0.00000. NP2: 0.9, 0.00000, 0.82, 0.00000, 0.99, 0.00000. Principal axes: T P1g71.00000, Azm267.00000; N P1g4.00000, Azm10.00000; P P1g18.00000, Azm101.00000;

JMA 15 06:26.47.7.0.4.36.07N; 0.003; 140.07E; 0.003, h75km, 3km, h74km; pp-P. n453, c153/499, mb4.8/181, 39C-16D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JYT, JRY, JRT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like YSS, MDJ, HBR, etc.

Table of astronomical observations for 15d 6h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2011 AUG, listing station names, coordinates, and observation details.

Table of astronomical observations for 690, listing station names, coordinates, and observation details.

ISCBJ 15 06:30:58.61.1, 16:25N.0:07:98:35W.0:04, h23km,6km, mb3.5, Error ellipse: s-maj=12.2km s-min=5.5km az=21.4

NEIC 15 06:30:59.8, 16:25N.98:38W, h2km, mb3.7/10, MD4.1(MEX), After.MEX.

MEX 15 06:30:59.8, 0.0, 16:25N.98:38W, h2km,5km, MD4.1 IDC 15 06:31:05.1, 10.0, 16:46N.98:09W, h45km,60km, mb3.2/2, mb1.3/4.5, mb1mx3.2/3.9, mbmtpp3.3/5, M3.3/2.1, Ms 1.2/2.1, ms 1mx2.5/1.9, Error ellipse: s-maj=128.4km s-min=35.6km az=13.0

ISC 15 06:30:59.1, 3.3, 16:25N.0:07:98:35W.0:04, h13km,22km, n31, i178/44, mb3.5, Near coast of Guerrero

Table of astronomical observations for ISCBJ, NEIC, MEX, IDC, ISC, and other stations, listing station names, coordinates, and observation details.

ISC 15 07:43:03.1-1.9, 22.565S-175.75W, h0km, mb3.6/8, mb1 4.0/6, mb1mx3.8/4.1, mbmtmp3.8/6, MLS.2/1, MS2.8/1, Ms1=23.5km az=149.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AF1 Afiamalu, PPT Paapeete, CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, FITZ Fitzroy Crossi, TXAR Lajitas Array, AKASO Malin Array B, BRTR Kesklin Arr.

ISCJTB 15 06:41:18.2-0.6, 51.9N:0.2-177.27W:0.08, h105km, 5km, mb3.6/9, Error ellipse: s-maj=28.5km s-min=6.4km az=170.8

ISC 15 06:41:18.4-2.2, 51.90N:177.23W, h95km, 7km, mb3.2/6, mb1 3.5/6, mb1mx3.2/5.2, mbmtmp3.6/6, Error ellipse: s-maj=51.7km s-min=32.0km az=17.0

NEIC 15 06:41:19.7, 52.06N:177.21W, h86km, MG3.7(AEIC), After AEIC.

ISC 15 06:41:18.7-0.9, 51.9N:0.2-177.22W:0.05, h95km, 5km, n29, c098/38, mb3.7/5, Andean/Os Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KIKV Kanaga Island, KICM Kanaga Island, KIRH Kanaga Island, TAPA Tanaga Point A, ADAG Mount Adag, TAFN Tanaga Flats, TAFP Tanaga Falls P, TAPP Tanaga Falls S, ETKA Kagalaska Isla, GSCK Great Sitkin C, GSTD Great Sitkin T, GSTD Great Sitkin S, GSMY Great Sitkin M, GAEA Gareloi East, GALAA Gareloi Lava P, KOKL Mount Kluchef, KOKV Korovin Volcan, KOKV Korovin Flat P, KOFF Korovin North, KOSE Korovin South, NIKH Nikolski High, OKTU Okmok Mt. Tuli, SPIA Saint Paul Is, UNV Unalaska Valle, AKCG Akutan G, ILAR Eielson Array, INK Inuvik, YKA Yellowknife A, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, BVAR Borovoye Array.

ISCJTB 15 06:52:40.6-1.5, 30.37S:0.09:178.0W:0.3, h35km, mb3.9/4, Error ellipse: s-maj=34.9km s-min=9.9km az=14.9

ISC 15 06:52:42.9-2.7, 30.26S:177.81W, h51km, 25km, mb3.6/4, mb1 3.4/4, mb1mx3.5/2.8, mbmtmp3.9/4, Error ellipse: s-maj=32.6km s-min=24.7km az=98.0

ISC 15 06:52:41.1-1.6, 30.32S:0.10:177.7W:0.3, h35km, n9, c127/9, mb4.0/4, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include RAO Raoul Island, RAO Raoul Island, URZ Urewera, URZ Urewera, TXAR Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, Vnda Vanda, FITZ Fitzroy Crossi, FINES FINESS Array B, AKASO Malin Array B.

ISC 15 07:03:35.1-1.0, 0.15N:125.58E, h0km, mb4.2/7, mb1 4.2/8, mb1mx3.9/5.0, mbmtmp4.1/8, MLS.3/1, Error ellipse: s-maj=86.0km s-min=15.9km az=67.0

NEIC 15 07:03:36.6, 0.108N:125.50E, h10km, mb4.5/3, Error ellipse: s-maj=26.7km s-min=7.6km az=64.0

ISCJTB 15 07:03:39.1-0.6, 0.55N:0.07:126.44E:0.06, h47km, mb4.4/12, Error ellipse: s-maj=11.7km s-min=7.0km az=39.8

DJA 15 07:03:42.1-0.4, 0.7N:5.12E, h30km, M4.1/6, Mlv4.1/6

ISC 15 07:03:41.6-0.8, 0.58N:109.126E:1.0, h0.06, h47km, n24, c230/23, mb4.3/12, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LBMI Labuha, LBMI Labuha, KMSI Cibinong, SANI Sanana, GTOH Gorontalo, GTOH Gorontalo, NLAI Namlea, LUWI Luwuk, LUWI Luwuk, LWSI Marisa, MSAI Misooli, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRAB Tennant Creek, WRA Warramunga Arr, COEN Coen.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, CTAO Charters Tower, BBOO Buckleboe, STKA Stephens Creek, SONM Songoing Array, KURB Kurchatov Arr, KURK Kurchatov, BVAR Borovoye Array, ABKAR Aktyubinsk Array, AKTO Aktyubinsk, TKRD Torodai Arr.

ISC 15 07:06:16.8-2.3, 0.1978S:179.46W, h40km, 308km, mb2.6/4, mb1 3.0/4, mb1mx2.6/3.5, mbmtmp3.0/5, Error ellipse: s-maj=243.5km s-min=94.0km az=161.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajitas Array, PDAR Pinedale Array, AKASO Malin Array B.

KRNET 15 07:13:56.3-0.1, 41.67N:71.10E, mb2.5, NNC 15 07:13:58.7-0.9, 41.75N:71.21E, h0km, mb3.0, mpv3.0, Error ellipse: s-maj=7.9km s-min=2.8km az=22.0

SOME 15 07:13:58.6, 41.70N:71.22E, h10km, ISC 15 07:13:57.8-1.4, 41.62N:71.04E:0.04, h9km, 15km, n19, c157/34, 11C-SD, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IUG Iuzhnyy, IUG Iuzhnyy, IUG Iuzhnyy, MNAS Manas, MNAS Manas, MNAS Manas, KK31 Karatay Array, KK31 Karatay Array, BRLS Borolday, BRLS Borolday, BTK Batken, BTK Batken, MRKS Merke, MRKS Merke, AML Almayashu, AML Almayashu, EKS2 Erkin-Say, EKS2 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, TKM2 Tiuman, TKM2 Tiuman, BMNS Besmynok, BMNS Besmynok, DGS Degeres, DGS Degeres, KST Kasteek, KST Kasteek, KUU Kurty, KUU Kurty, TNSS Tian-Shan, TNSS Tian-Shan, KOTS Kotyrbulak, KOTS Kotyrbulak, CHKK Chushkaly, CHKK Chushkaly, PDGK Podgornoye, PDGK Podgornoye.

CASC 15 07:45:27.4-1.5, 10.28N:85.39W, h50km, 14km, MD4.3, ML3.3, 9D, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCR Jicaral, JCR Jicaral, CRZ1 La Cruz, CGA2 Cerro Gallo 2, HDC Heredia, HDC Heredia, SJS Escuela Geolog, LCR2 La Lucha 2, LCR2 La Lucha 2, QCR1 Quepos, QCR1 Quepos, Buena Vista, Buena Vista, ESPN Las Esperanzas, ESPN Las Esperanzas, COPN Copaltepe, DRKO Durika, MDMN Motomombo, CNGN Cerro Negro, CNGN Cerro Negro, PTJ1 Puerto Jim Jim, PTJ1 Puerto Jim Jim, BRU2 Volcan, BRU2 Volcan, TBS2 TBS2.

ISCJTB 15 08:28:19.1-0.6, 6.81N:0.04:73.07W:0.06, h159km, 6km, Error ellipse: s-maj=10.5km s-min=4.5km az=33.0

FUNV 15 08:28:19.7, 6.69N:73.15W, h157km, MW2.6, RSNC 15 08:28:21.7, 1.0, 6.80N:73.12W, h146km, 6km, ML2.8

ISC 15 08:28:19.1-1.4, 6.80N:0.05:73.07W:0.06, h161km, 8km, n20, c099/32, 1C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BARC Barichara, BARC Barichara, BARC Barichara, GIRC Giron, Santand, PAMC Pamplona, PAMC Pamplona, PAMC Pamplona, BRRC Barranca, BRRC Barranca, BRRC Barranca, BRRC La Rusia, BRRC La Rusia, BRRC La Rusia, CAPV Capacho, CAPV Capacho, OCAC Ocana, OCAC Ocana, OCAC Ocana, NORC Norcasia, NORC Norcasia, CHIC Chingaza, CHIC Chingaza, VIGV Socops, VIGV Socops, SOCV Socops, SOCV Socops, DBBC Dabeiba, DBBC Dabeiba, TOLC Tolima, TOLC Tolima, PRADO Prado, PRADO Prado, SJAC San Juan de Ar, SJAC San Juan de Ar, SJRV Villa del Rosa, SJRV Villa del Rosa, VIVF VIVF.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CHQJ Chosi, CHQJ Chosi, CHQJ Chosi, CHQJ Chosi, JCN JCN, KTR Katsura, JYT Yasato, JYT Yasato, BSO4 Boso 4, BSO4 Boso 4, BSO2 Boso 2, BSO2 Boso 2, JHO Hitachi, JHO Hitachi, BSO1 Boso 1, BSO1 Boso 1, MJAR Matsushiro Arr, MJAR Matsushiro Arr.

Table with columns: CURV, Curarigua, 4.43 44 eP, Pn, 08 29 25.8 +0.4, etc.

CASC 15 08:43:15.8±1.8, 8.31N-83.00W, h6km, 10km, MD4.1, 1C, Costa Rica

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

ISCJB 15 08:45:55.6±1.1, 15.79S; 0.07; 167.3E; 0.2, h10km, mb3.9/6, MS3.2/2, Error ellipse: s-maj=22.5km

IDC 15 08:45:55.5±1.1, 15.63S; 167.38E, h0km, mb3.9/7, mb1.4/2.8, mb1mx3.8/4.0, mbtmp4.0/8, ML2.21, MS3.2/4, Ms1.3/2.4, ms1mx2.8/2.4, Error ellipse: s-maj=33.4km

NEIC 15 08:45:57.0±0.7, 15.69S; 167.41E, h10km, mb4.3/1, Error ellipse: s-maj=15.5km s-min=13.3km az=98.0

ISC 15 08:45:57.1±1.0, 15.73S; 0.08; 167.3E; 0.2, h10km, n16, #077/16, mb4.1/6, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

IDC 15 08:49:37.9±35.0, 8.47N-126.06E, h0km, mb3.7/3, mb1.3/3.9, mb1mx3.4/5.0, mbtmp3.7/3, Error ellipse: s-maj=605.0km s-min=178.8km az=159.0, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

IDC 15 08:56:13.1±1.5, 12.16N-143.06E, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.6/3.9, mbtmp3.8/5, ML3.8/1, Error ellipse: s-maj=84.4km s-min=19.6km az=116.0, South of Mariana Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

ECX 15 09:00:26.8±0.7, 31.31N; 115.55W, h6km, MD2.3, ML2.5, MEX 15 09:00:27.2±0.8, 31.34N; 115.47W, h3km, 14km, MD3.5

ISC 15 09:00:25.2±1.1, 31.41N; 0.05; 115.51W; 0.04, h6km, 13km, n13, #037/20, 2C-2D, Baja California

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: CPBX, Cerro Prieto, 1.02 10 eP, Pn, 09 00 46.1 +0.3, etc.

MDD 15 09:30:22.9±1.9, 36.27N; 117.76W, h0km, mb3.9/9, Error ellipse: s-maj=18.8km s-min=14.7km az=126.0, PFXMIX IGIL 15 09:30:23.7±0.3, 36.12N; 117.77W, h10km, ML1.7

INMG 15 09:30:24.0±1.4, 36.09N; 11.95W, h31km, ML2.2, Error ellipse: s-maj=8.4km s-min=5.1km az=96.0

CSEM 15 09:30:25.4±0.4, 36.39N; 11.68W, h20km, ML2.8/7, Error ellipse: s-maj=7.5km s-min=5.7km az=107.0

ISC 15 09:30:19.1±3.6, 36.3N; 0.1; 12.0W; 0.2, h10km, n86, #193/135, 2C, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: EBAD, comp=E, 1.7nm, 0.1s, SNR=12, S, Sn, 09 31 30.8 -2.4, etc.

ISCJB 15 09:39:10.0±0.5, 2.57S; 0.08; 102.4E; 0.1, h187km, mb3.7/8, Error ellipse: s-maj=17.3km s-min=6.3km

IDC 15 09:39:10.2±0.6, 2.95S; 101.90E, h188km, 2.1km, mb3.4/8, mb1.3/5.9, mb1mx3.2/5.0, mbtmp4.0/9, Error ellipse: s-maj=46.3km s-min=12.3km az=53.0

DJA 15 09:39:12.7±0.2, 2.54; 102.2E, h162km, 6km, M3.8/7, MLV3.8/7

ISC 15 09:23:11.6±0.7, 2.60S; 0.09; 102.3E; 0.1, h187km, n21, #197/23, mb3.8/8, Southern Sumatra

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

1.4nm,0.6s,baz=132,slow=7.9,SNR=9.1
TXAR Lajitas Array 143.70 40 PKP
0.2nm,0.4s,baz=352,slow=1.2,SNR=7.3

ISCJB 15 10:00:33.2 1.7, 37.36N,0.10:28.18E,0.04,h0km, Error
ellipse: s-maj=14.1km s-min=4.8km az=6.7
CSEM 15 10:00:33.0 9.7, 37.33N,28.17E,h2km,MD2.6, Error
ellipse: s-maj=14.7km s-min=4.7km az=5.0

ISK 15 10:00:33.0 37.28N,28.16E,h5km,MD2.5
DDA 15 10:00:35.9 37.09N,28.15E,h7km,MD2.6, Suspected
Mining explosion.

ISC 15 10:00:33.8 1.6, 37.37N,0.1:28.14E,0.03,h0km,n15,
o552/27, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include BDRM Kayabasi, DALY Dalyan (Mu'la), BODT Bodrum, DAT Data, AKAS Kas, etc.

JMA 15 10:00:45.6, 34.47N, 136.11E, h7km, 1km, M0.7, Western
Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include JKN2 Miekihoku, TSJU Tsu 2.

OBM 15 10:02:03.4 0.1, 52.33N,98.25E,h2km,MM,4/3, Error
ellipse: s-maj=2.2km s-min=0.9km az=175.0
IDC 15 10:02:07.6 1.1, 52.43N,98.21E,h0km,mb3.8/7,
mb1 3.8/11,mb1mx3.6/48,mbtmp3.7/11,ML3.6/2,MS3.0/8,
Ms1 3.0/8,ms1mx2.8/43, Error ellipse: s-maj=36.0km
s-min=14.1km az=5.0

MOS 15 10:02:07.3 1.6, 52.53N,98.26E,h12km,mb4.1/9, Error
ellipse: s-maj=11.6km s-min=8.3km az=7.1
NEIC 15 10:02:08.2 0.6, 52.22N,98.16E,h10km,mb4.0/2, Error
ellipse: s-maj=19.3km s-min=8.0km az=188.0

BUI 15 10:02:09.8 5.2, 24N,98.17E,h14km,mb3.9/5,MB4.4/6,
Ms4.1/3,Ms7.3/7.3
ASRS 15 10:02:10.3 1.7, 52.28N,97.98E,h15km,Ms3.9/4
NNC 15 10:02:19.0 5.8, 52.21N,97.29E,h0km,mb4.2, Error
ellipse: s-maj=56.7km s-min=46.6km az=56.0

ISC 15 10:02:08.3 0.4, 52.50N,0.04:98.16E,0.02,h10km,n82,
c272/93,mb4.0/11,MS2.9/6,12C-6D,
Tuva-Buryatia-Mongolia border region

Main table for the left column containing station data and event details for the Tuva-Buryatia-Mongolia border region.

Main table for the middle column containing station data and event details for the 2011 AUG period.

Main table for the right column containing station data and event details for the 15d 10h period.

Table with columns: Code, Station Name, Az, El, P, Pmax, and various numerical values. Includes stations like Wild Horse Val, Malin Array Be, Keskin Array B, etc.

IDD 15 10:44:32.4.0.5.28.07N:55.88E, h0km, mb4.6/33, mb1.4/6.38, mb1mx4.6/52, mbmtpd4.6/38, ML4.4/4, MS4.2/21, Ms1.4.2/21, ms1mx4.0/44, Error ellipse: s-maj=10.9km s-min=9.6km az=41.0

Table with columns: Code, Station Name, Az, El, P, Pmax, and various numerical values. Includes stations like Bandar-Abbas, Kerman, TVBK, etc.

Main table with columns: Code, Station Name, Az, El, P, Pmax, and various numerical values. Includes stations like Nazwa, Dubai, UOSS Minazif, HATD Hatta, Dubai, etc.

Main table with columns: Code, Station Name, Az, El, P, Pmax, and various numerical values. Includes stations like CEP Cherat, GNI Garni, GNI, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KSP Ksiaz, UPIC Upice, MOA Mollin, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CD2 Chengdu, BFO Black Forest, KMI Kunming, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PVIS Viseu, PESTR Estremoz, PGAV Gavieira, etc.

ISCJB 15:04:24.6:0.5,37:29N:0:04:-28.19E:0:03,h0km,Error ellipse: s-maj=5.4km s-min=3.5km az=13.1

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like MLSB Milas, BDRM Kayabasi, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes entries for AKAS, IDC 15 10:50:31.91-1.3, 12.19N, 140.72E, h0km, mb3.97, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes entries for GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCBJ 15 11:04:06.1-0.1, 70.51N, 102.133, 58W, 0.05, h10km, mb4.5/11.2, MS4.0/4, Error ellipse: s-maj=2.5km, s-min=2.2km, az=2.8

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes entries for INK Inuvik, INK 390nm, 0.3s, baz=359, slow=16, SNR=2614, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes entries for ILAR 2.5nm, 0.3s, baz=45, slow=13, SNR=6.1, ILB Eielson Array, COLA College, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for YK80 Yellowknife Ar, YK81 Yellowknife Ar, YK82 Yellowknife Ar, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for YK83 Yellowknife Ar, YK84 Yellowknife Ar, YK85 Yellowknife Ar, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for YK86 Yellowknife Ar, YK87 Yellowknife Ar, YK88 Yellowknife Ar, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for YK89 Yellowknife Ar, YK90 Yellowknife Ar, YK91 Yellowknife Ar, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for YK92 Yellowknife Ar, YK93 Yellowknife Ar, YK94 Yellowknife Ar, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for E03A Lebam, E03B Lebam, YBMT Yellow Bay, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for YBMT Yellow Bay, YBMT Jette, YBMT Jette, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for YBMT Yellow Bay, YBMT Jette, YBMT Jette, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for YBMT Yellow Bay, YBMT Jette, YBMT Jette, etc.

Table with columns: Code, Station Name, Time, Res, ISC. Includes entries for YBMT Yellow Bay, YBMT Jette, YBMT Jette, etc.

C38A	Sawbill Land.	30.33 116	P	P	11 10 19.2 +0.1
D37A	Cotton	30.48 118	P	P	11 10 20.7 +0.3
F33A	5 Mile Ranch,	30.56 124	P	P	11 10 22.2 +1.1
C39A	Grand Marais	30.59 115	P	P	11 10 21.4 +0.1
G32A	Webster	30.77 126	P	P	11 10 23.6 +0.7
E36A	McGregor	30.82 120	P	P	11 10 24.3 +1.0
HWUT	Hardware Ranch	30.98 147	eP	P	11 10 27.8 +2.8
K22A	Casper	30.98 140	P	P	11 10 26.4 +1.4
K22A	Casper	30.98 140	eP	P	11 10 26.6 +1.6
F36A	Milaca	31.33 120	P	P	11 10 28.7 +0.8
H32A	Carlson Farm,	31.48 126	P	P	11 10 30.2 +1.0
MA2	Magadan	31.52 289	P	P	11 10 29.4 0.0
PAHR	Pah Rah Range	31.65 159	eP	P	11 10 33.8 +2.9
H34A	Spellman Lake,	31.79 124	P	P	11 10 32.9 +1.1
JLU	Jordanelle	31.97 147	eP	P	11 10 37.3 +3.5
H35A	Sunnyside Ranc	32.02 123	P	P	11 10 35.9 +1.9
J30A	Dallas	32.03 130	P	P	11 10 35.7 +1.6
SPMM	Marine on St.	32.12 120	P	P	11 10 36.1 +1.2
SPMM	Marine on St.	32.12 120	eP	P	11 10 36.1 +1.2
DUG	Dugway, Tooele	32.13 150	P	P	11 10 35.3 +0.2
YERR	Yerrington	32.38 159	eP	P	11 10 40.9 +3.5
H36A	Jessenland, He	32.39 122	P	P	11 10 38.4 +1.3
ECSD	EROS Data Cent	32.42 126	P	P	11 10 39.0 +1.5
ECSD	EROS Data Cent	32.42 126	eP	P	11 10 39.0 +1.5
H37A	Dierke Farm, C	32.68 121	P	P	11 10 41.0 +1.3
N23A	Red Feather La	32.79 140	P	P	11 10 42.1 +1.0
WAKR	Walker	32.83 160	eP	P	11 10 44.8 +3.5
O20A	White River Ci	33.04 143	P	P	11 10 44.6 +1.4
O20A	White River Ci	33.04 143	eP	P	11 10 44.3 +3.1
TVH3	East Aurora ar	33.05 159	eP	P	11 10 47.8 +4.5
I37A	Lemond, Waseca	33.06 122	P	P	11 10 44.4 +1.4
P17A	Butcher Ranch,	33.20 147	eP	P	11 10 47.7 +3.2
I38A	Scanlan Farm,	33.34 120	P	P	11 10 46.9 +1.3
H40A	Chil	33.38 118	P	P	11 10 46.8 +0.9
J36A	Seneca 1, Swea	33.42 123	P	P	11 10 47.8 +1.6
SRU	San Rafael Swe	33.59 147	eP	P	11 10 50.7 +2.8
J37A	Redenius Farm,	33.66 122	P	P	11 10 49.0 +0.7
I39A	Houston	33.75 120	P	P	11 10 49.8 +0.7
MSU	Maryvale	33.88 149	eP	P	11 10 54.0 +3.5
ISCO	Idaho Springs	33.91 140	eP	P	11 10 53.8 +2.9
J38A	Wedel Dairy, R	33.96 121	P	P	11 10 52.3 +1.4
I40A	Norwalk	33.98 118	P	P	11 10 52.2 +1.1
I41A	Arkdale	34.05 117	P	P	11 10 52.4 +0.8
K37A	Belmond	34.14 123	P	P	11 10 53.5 +1.0
J39A	Decorah	34.17 120	P	P	11 10 53.5 +0.8
BGNE	Belgrade	34.17 129	P	P	11 10 54.6 +1.8
L35A	Bielow Farm, R	34.21 126	P	P	11 10 54.3 +1.1
SMCO	Snowmass	34.22 142	eP	P	11 10 56.4 +2.7
M33A	Taylor Creek F	34.27 128	P	P	11 10 55.8 +2.1
J40A	Soldiers Grove	34.40 119	P	P	11 10 55.9 +1.3
PEAO	Petrovlovsk-	34.48 277	eP	P	11 10 55.7 +0.4
PETK	PETK	34.48 277	P	P	11 10 55.5 +0.2
PETK	0.9nm,0.5s,baz=52,slow=7.5,SNR=3		PcP	PcP	11 13 30.8 +0.6
K38A	Parkersburg	34.49 122	P	P	11 10 56.7 +1.2
CCUT	Cedar City	34.62 151	eP	P	11 11 00.2 +3.3
J41A	Loganville	34.64 118	P	P	11 10 57.7 +0.9
K39A	Olwein	34.70 121	P	P	11 10 58.0 +0.7
N32A	Stulken Farm,	34.74 130	P	P	11 10 59.1 +1.4
TPNV	Topopah Spring	34.77 156	P	P	11 10 59.2 +1.0
Q24A	Divide	34.81 140	P	P	11 11 00.2 +1.5
PV01	Paradox Valley	34.91 145	eP	P	11 11 01.7 +2.3
L38A	Oak Wood Farm,	34.91 123	P	P	11 11 00.3 +1.2
K40A	Colesburg	34.92 120	P	P	11 10 60.0 +0.8
JFWS	Jewell Farm	34.98 119	eP	P	11 11 00.5 +0.8
CWC	Cottonwood Cre	35.03 158	P	P	11 11 01.8 +1.4
LCMT	Little Creek M	35.16 151	eP	P	11 11 04.9 +3.4
L39A	Vinton	35.20 121	P	P	11 11 02.6 +1.0
KNB	Kanab	35.23 151	eP	P	11 11 05.2 +3.1
SHPR	Sheep Range	35.36 154	eP	P	11 11 09.3 +6.1
L40A	Anamosa	35.48 120	P	P	11 11 04.9 +0.9
MPMC	Manual Prospec	35.48 157	P	P	11 11 07.1 +2.7
M38A	Pleasantville	35.51 123	P	P	11 11 05.1 +0.8
O33A	Hebron	35.57 129	P	P	11 11 05.9 +1.1
S22A	4UR Ranch, Cre	35.63 142	P	P	11 11 07.0 +1.3
S22A	4UR Ranch, Cre	35.63 142	eP	P	11 11 09.8 +4.1
P32A	Huiting Farm,	35.74 131	P	P	11 11 07.0 +0.7
M39A	Webster	35.74 122	P	P	11 11 07.3 +0.7
YAK	Yakutsk	35.78 307	P	P	11 11 06.0 -0.4
YAK	15nm,0.3s,baz=173,slow=0.6,SNR=6.2		PcP	PcP	11 13 34.1 +0.3
MVCO	Mesa Verde	35.81 145	P	P	11 11 08.4 +1.2
SDCO	Great Sand Dun	35.91 141	P	P	11 11 09.8 +1.7
SDCO	Great Sand Dun	35.91 141	eP	P	11 11 10.4 +2.4
LRMC	Laurel Mt Rad	36.03 158	P	P	11 11 10.2 +1.3
N39A	Derby Farms, D	36.21 123	P	P	11 11 11.1 +0.8
TUQ	Turquoise Moun	36.30 156	P	P	11 11 12.6 +1.3
M41A	Milan	36.31 120	P	P	11 11 11.8 +0.7

baz=337	GSC	Goldstone, Bar	36.31 157	P	P	11 11 11.4 +0.1
baz=351	Q32A	Mettler Ranch,	36.34 131	P	P	11 11 12.5 +1.1
baz=352	PKM	McPherson Peak	36.36 161	P	P	11 11 11.8 0.0
baz=352	EDW2	Edwards Air Fo	36.58 158	P	P	11 11 15.6 +2.0
baz=351	O38A	Galt	36.64 124	P	P	11 11 15.1 +1.2
baz=339	T25A	Trinidad	36.73 140	P	P	11 11 16.1 +1.1
baz=344	P37A	Lattop	36.89 126	P	P	11 11 17.1 +1.0
baz=340	WU4Z	Wupatki	36.93 149	P	P	11 11 16.2 -0.5
baz=348	WU4Z	Wupatki	36.93 149	eP	P	11 11 19.3 +2.6
baz=340.9s	P38A	Dawn	37.08 125	P	P	11 11 18.6 +0.8
baz=339	O40A	La Belle	37.09 123	P	P	11 11 18.8 +1.0
baz=339	R33A	Olander Ranch,	37.13 131	P	P	11 11 17.9 -0.3
baz=341	R34A	Isabella, Hill	37.33 130	P	P	11 11 20.6 +0.7
baz=341	O41A	Passleys Farm,	37.37 121	P	P	11 11 20.9 +0.7
baz=338,SNR=8.4	P39B	Salisbury	37.43 124	P	P	11 11 21.7 +1.0
baz=339	S32A	Newby Ranch, P	37.47 132	P	P	11 11 22.7 +1.6
baz=342	O42A	Bath	37.53 120	P	P	11 11 22.1 +0.5
baz=338	W18A	Petrified Fore	37.61 147	P	P	11 11 21.8 -0.7
baz=337	Q38A	Cooks Store, C	37.68 125	P	P	11 11 23.3 +0.5
baz=340	BELC	Belle Mtn. Jos	37.70 156	P	P	11 11 23.3 +0.1
baz=340	P41A	Barry, Barry	37.73 122	P	P	11 11 23.9 +0.7
baz=338,SNR=12	R36A	Gordon, Harris	37.77 128	P	P	11 11 24.7 +1.1
baz=340	Q39A	Willow Grove F	37.78 124	P	P	11 11 24.1 +0.5
baz=339	NR1K	Noril'sk	37.82 338	P	P	11 11 22.7 -1.0
3.9nm,0.6s,baz=61,slow=3.9,SNR=2.4	R37A	Loekberg Farm	37.95 127	P	P	11 11 25.8 +0.6
baz=340	T32A	Huddler Ranch,	37.97 133	P	P	11 11 26.0 +0.7
baz=342	P42A	Winester	38.02 121	P	P	11 11 26.0 +0.3
baz=338,SNR=5.0	X18A	Snowflake	38.15 148	eP	P	11 11 31.7 +4.7
5.7nm,0.8s	S35A	Otter Creek Ra	38.15 129	P	P	11 11 27.8 +0.9
baz=340	SF1N	Lafayette	38.25 117	P	P	11 11 28.1 +0.6
baz=337	S36A	Lake Cedric, C	38.30 128	P	P	11 11 29.1 +0.9
baz=340	R38A	Fenwick Farm,	38.32 126	P	P	11 11 29.6 +1.3
baz=340	Q41A	Truxton	38.35 122	P	P	11 11 28.9 +0.5
baz=339,SNR=9.2	SC12	Sarmentente I	38.39 160	P	P	11 11 29.9 +0.1
baz=352	ANMO	Albuquerque	38.41 143	LR	LR	11 29 21.4
comp=2.197nm,18.3s,baz=333,slow=39	ANMO	Albuquerque	38.41 143	P	P	11 11 31.6 +2.3
baz=346	ANMO	Albuquerque	38.41 143	eP	P	11 11 32.2 +3.0
6.6nm,0.9s	R39A	Chumby, Stover	38.44 125	P	P	11 11 30.1 +0.8
baz=340	T34A	McClaskey Farm	38.55 131	P	P	11 11 30.8 +0.6
baz=342	Q42A	Golden Eagle	38.59 122	P	P	11 11 31.1 +0.7
baz=339,SNR=7.8	P44A	Sand Creek, Wi	38.63 119	P	P	11 11 30.5 -0.3
baz=338	R40A	Maddies Statio	38.68 124	P	P	11 11 31.0 -0.2
baz=339	U32A	Wirr Ranch,	38.71 133	P	P	11 11 31.5 0.0
baz=342	MONP2	Monument Peak	38.74 157	P	P	11 11 32.2 +0.2
baz=351	Q43A	New Douglas	38.80 121	P	P	11 11 31.9 -0.3
baz=338	T35A	Sooner Cattle	38.83 130	P	P	11 11 33.3 +0.7
baz=341	S38A	Stockton	38.85 126	P	P	11 11 33.4 +0.8
baz=340	T36A	Boggs Farm, Ca	38.85 129	P	P	11 11 33.5 +0.8
baz=341	U33A	Lingo Farm, Me	38.88 132	P	P	11 11 33.7 +0.7
baz=342	R41A	Rosebud	38.92 123	P	P	11 11 33.8 +0.5
baz=339	S39A	Bolivar	38.95 126	P	P	11 11 33.9 +0.4
baz=340,SNR=7.3	U34A	Anderson Ranch	39.02 131	P	P	11 11 34.3 +0.2
baz=342	Q44A	Meyer Farm, Va	39.04 120	P	P	11 11 34.4 +0.1
baz=338,SNR=5.2	T37A	Cheyeville 18	39.05 128	P	P	11 11 35.1 +0.8
baz=341	R42A	Luebbing	39.10 122	P	P	11 11 34.4 -0.4
baz=339	S40A	Lebanon	39.26 125	P	P	11 11 36.5 +0.4
baz=340,SNR=12	T38A	Diamond	39.30 127	P	P	11 11 36.9 +0.4
baz=341	OL1L	Olney	39.46 119	eP	P	11 11 38.2 +0.4
17m,0.8s	S41A	Jillico Farms,	39.48 124	P	P	11 11 38.1 +0.1
baz=340	AMTX	Amarillo	39.50 137	P	P	11 11 39.2 +0.9
baz=344	M54A	Oil Creek Stat	39.53 108	P	P	11 11 39.0 +0.7
baz=335	ARCES	ARCSES Array B	39.58 11	P	P	11 11 37.7 -0.7
1.3nm,0.8s,baz=7.0,slow=8.2,SNR=2.9	ARCES	1.6nm,0.5s,baz=352,slow=1.9,SNR=6.1		PcP	PcP	11 13 44.1 -1.3
baz=351	S42A	Caledonia	39.58 123	P	P	11 11 38.7 0.0
baz=339	V34A	Guthrie	39.59 132	P	P	11 11 39.1 +0.2
baz=342	T40A	Mansfield	39.67 125	P	P	11 11 39.5 -0.1
baz=340	U38A	Gravette	39.84 128	P	P	11 11 41.2 +0.2
baz=339,SNR=6.1	W32A	Sentinel	39.84 134	P	P	11 11 41.4 +0.4
baz=343	N54A	Moraine State,	39.92 109	P	P	11 11 41.6 0.0
baz=335	S43A	Fulton Ridge,	39.97 122	P	P	11 11 42.0 0.0
baz=339,SNR=5.0	T41A	Mountain View	39.98 124	P	P	11 11 42.1 -0.1
baz=340	W33A	Caedo, Fort Co	40.01 133	P	P	11 11 43.8 +1.4
baz=343	SIUC	Southern Illin	40.08 121	eP	P	11 11 43.2 +0.3
11nm,0.8s	S44A	Carbondale	40.09 121	P	P	11 11 42.9 -0.2
baz=339	MSTX	Muleshoe	40.13 139	P	P	11 11 44.3 +0.7
baz=345	U39A	Green Forest	40.13 127	P	P	11 11 43.8 +0.4
baz=341	V37A	Hubert	40.16 129	P	P	11 11 44.4 +0.8
baz=341	TUC	Tucson	40.16 150	P	P	11 11 45.4 +1.6
baz=348	S45A	Carrier Mills	40.30 120	P	P	11 11 44.8 0.0
baz=339	U40A	Yellville	40.33 126	P	P	11 11 45.1 +0.1
baz=340	T43A	Greenville	40.36 122	P	P	11 11 45.2 -0.1
baz=339,SNR=5.6	V38A	Canehill	40.37 128	P	P	11 11 45.8 +0.4
baz=341	W35A	Tecumseh	40.40 131	P	P	11 11 46.1 +0.4
baz=342	121A	Cookes Peak, D	40.49 146	P	P	11 11 48.6 +2.0

121A	Cookes Peak, D	40.49 146	eP	P	11 11 48.9 +2.4	
4.4nm,0.8s	X32A	Elmer	40.50 134	P	P	11 11 47.6 +1.1
baz=343	W36A	Wetlika	40.58 130	P	P	11 11 47.9 +0.8
baz=3						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NORC, Chingaza, ROSC, VIGV, etc.

ISCJB 15 11:39:59.8, 0.5, 33.78N, 0.03:35.92E, 0.04, h13km, 7km, Error ellipse: s-maj=5.9km s-min=4.2km az=24.9

ISC 15 11:39:59.3, 1.0, 33.77N, 0.02:35.89E, 0.03, h13km, 9km, n17, -0.0529/32, Jordan-Syria region

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

NIED 15 11:44:00.23, 20N, 143.80E, h83km, Mw5.1 Best double couple: M5.94000, 1016 NP1, 150.00000, 369.00000, 1.8.00000, NP2, 243.00000, 883.00000, 1.159.00000.

ISCJB 15 11:44:36.2, 0.6, 22.81N, 0.03:142.99E, 0.02, h120km, 4km, mb5.4/213, Error ellipse: s-maj=4.3km s-min=3.0km az=158.2

JMA 15 11:44:38.8, 0.1, 23.19N, 143.80E, h169km, 2km, M5.9 JMA Felt 1 J1

GCMT 15 11:44:38.4, 0.1, 22.70N, 143.09E, h119km, 1km, Mw5.4/128, Moment Tensor Solution. s104, c159; s128, c235; Duration: 192 Moment tensor: Scale 1017 Nm, M0: 314.02; Mw: 0.514; 02; M1: 0.825; 01; Best double couple: M1: 35600, 1017 NP1, 163.00000, 81.00000, 1.46.00000, NP2, 64.00000, 845.00000, 1.167.00000.

NEIC 15 11:44:38.4, 0.6, 22.65N, 143.04E, h132km, 5km, mb5.6/125 Error ellipse: s-maj=4.1km s-min=3.2km az=151.0

NEIC Recorded [1 JMA] in Tokyo, Honshu, IDC 15 11:44:38.9, 1.0, 22.65N, 143.02E, h138km, 8km, mb4.8/32, mb1.4/9.36, mb1mx4.8/40, mb2.3/36, MS4.0/27, Ms1.4/0.27, ms1mx4.0/36, Error ellipse: s-maj=10.7km s-min=7.5km az=72.0

MOS 15 11:44:38.0, 0.9, 22.77N, 142.95E, h136km, mb5.3/89, MS4.3/23, Error ellipse: s-maj=7.6km s-min=4.5km az=104.0

BUI 15 11:44:52.0, 23.90N, 142.60E, h200km, mb5.2/59, mb5.1/35

ISC 15 11:44:37.6, 0.4, 22.74N, 0.04:143.00E, 0.04, h125km, 2km, h125km, p-P, N177, c125/841, mb5.4/237, 26C-14D, Volcano Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHU, JHJ, BSO1, etc.

JOW baz=55, slow=16

JOW comp-Z, 972nm, 19.5s, baz=98, slow=34

JAG Ashikaga 13.98 348 P Pn 11 47 46.3 -3.9

JHO Hitachi 13.98 352 P Pn 11 47 46.6 -1.7

MJAR Matsushiro Arr 14.37 344 P Pn 11 47 51.1 -7.5

MJAR 5.8nm, 0.3s, baz=153, slow=17, SNR=4.5

MJAR comp-Z, 172nm, 21.0s, baz=175, slow=36

MJAR baz=212, slow=1.6, SNR=4.9

MAJO Matsushiro 14.37 344 d/P Pn 11 47 52.9 -2.3

MAJ Matsushiro 14.37 344 e/Pn Pn 11 47 52.1 -3.1

MAT 255nm, 1.1s

ONAJ Iwakimizuishiy 14.44 353 P Pn 11 47 51.4 -3.8

JNU Nakatsu 14.88 317 P Pn 11 50 23.5 -1.0

JNU 0.7nm, 0.3s, baz=129, slow=5.6, SNR=16

JOI OKI 15.93 390 P Pn 11 48 17.0 +1.2

JMK Ichinoseki 16.23 355 P Pn 11 48 19.1 +0.7

YOJ Yonaguni jima 18.40 279 eP P 11 48 44.7 +1.6

YOJ comp-Z, 283nm, 1.1s

YOJ Yonaguni jima 18.40 279 eP P 11 48 44.7 +1.6

ERM Erimo 19.22 0 d/P Pn 11 48 55.1 +1.0

ERM comp-Z, 626nm, 1.2s

ERM Erimo 19.22 0 e/Pn Pn 11 48 54.6 +0.4

ERM comp-Z, 405nm, 0.9s

KSRS Korea Array 19.59 322 P Pn 11 48 56.0 +0.2

KSRS comp-Z, 0.6nm, 0.3s, baz=133, slow=11, SNR=55

KSRS baz=133, slow=19, SNR=5.6

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

YSS comp-E, 200nm, 12.0s

YSS comp-E, 200nm, 11.0s

MDJ comp-E, 40nm, 0.9s

MDJ comp-E, 210nm, 6.3s

MDJ comp-E, 240nm, 13.2s

MDJ comp-E, 390nm, 13.2s

MDJ comp-E, 320nm, 18.8s

MDJ comp-E, 65nm, 1.0s

CN2 comp-E, 8.5nm, 18.3s, baz=356, slow=34

CN2 comp-E, 20nm, 0.6s

CN2 comp-E, 300nm, 12.0s

CN2 comp-E, 400nm, 12.0s

CN2 comp-E, 300nm, 14.0s

TIA Tai'an 26.12 307 P Pmax 11 50 00.6 +0.6

TIA comp-E, 200nm, 1.0s

TIA comp-E, 1.1um, 3.5s

TIA comp-E, 710nm, 18.9s

TIA comp-E, 380nm, 13.0s

HABR Khabarovsk 26.45 348 eP P 11 50 16.6 -1.1

HABR e/PP P 11 50 29.2 -0.3

HABR e/SP S 11 50 44.7 +0.6

HABR e/S S 11 53 23.2 -0.9

HABR e/SS S 11 55 15.8 +1.4

HABR e/S S 12 00 41.4

HABR comp-E, 12nm, 1.2s

HABR comp-N, 34nm, 1.2s

HABR comp-Z, 104nm, 1.2s

HABR comp-Z, 117nm, 20.0s

WHN Wuhan 26.71 293 P P 11 50 05.5 +0.3

WHN comp-Z, 1um, 14.4s

WHN comp-Z, 870nm, 9.9s

WHN comp-Z, 1um, 19.0s

GZH Guangzhou 27.30 277 P P 11 50 08.3 -2.3

LBMI Labuha 27.71 215 P P 11 50 11.3 -3.0

KLR Kul'dur 27.89 344 P P 11 50 17.4 +1.8

KLR comp-Z, 99nm, 0.8s, baz=153, slow=7.8, SNR=234

KLR comp-Z, 6.9nm, 1.0s, baz=151, slow=22, SNR=11

KLR comp-Z, 257nm, 18.4s, baz=154, slow=37

KLR Kul'dur 27.89 344 d/P P 11 50 17.1 +1.5

TYV Tymoyskoe 28.07 360 eP P 11 50 19.0 +1.8

TYV comp-Z, 73nm, 0.8s

BJT Bajitaua 28.50 313 eP Pmax 11 50 21.7 +0.6

BJT comp-Z, 53nm, 0.9s

BJT comp-Z, 53nm, 0.9s

GTOI Gorontalo 29.33 224 P P 11 50 29.9 +1.2

MYLMD Lahad Datu 29.41 237 P P 11 50 32.5 +3.1

SKR Severo-Kuril's 29.71 17 eP P 11 50 32.6 +0.9

SKR 11 55 13.1 -5.3

SKR 11 58 56.8

SKR comp-Z, 300nm, 15.0s

SDKM Sandakan 30.15 240 P P 11 50 38.8 +2.7

MRSI Maris 30.15 226 P P 11 50 36.6 +0.6

MRSI comp-Z, 109nm, 1.2s, comp-Z, 5um

TIY Taiyuan 30.17 307 eP P 11 50 37.0 +1.0

TIY comp-Z, 38nm, 1.0s

TIY comp-Z, 170nm, 5.4s

TIY comp-Z, 240nm, 19.9s

TSM Tawau 30.45 237 P P 11 50 40.3 +1.7

KKM Kota Kinabalu 30.70 241 P P 11 50 42.3 +1.3

ENH Enshi 30.83 291 eP P 11 50 41.9 0.0

QIZ Qiongzong 31.16 269 P P Pn 11 50 46.1 +1.3

QIZ 31.16 269 P P 11 51 53.1 +1.8

QIZ 31.16 269 P P 11 55 35.8 -5.9

QIZ comp-Z, 26nm, 1.4s

QIZ comp-N, 790nm, 17.2s

QIZ comp-E, 210nm, 24.9s

QIZ comp-Z, 600nm, 36.6s

QIZ comp-Z, 27nm, 1.3s

XAN Xian'an 31.88 298 P P 11 50 51.1 0.0

XAN 31.88 298 P P 11 50 05.3 -0.2

XAN 31.88 298 P P 11 55 46.3 -6.6

XAN comp-Z, 87nm, 1.3s

XAN comp-Z, 280nm, 8.5s

XAN comp-Z, 440nm, 12.7s

XAN comp-Z, 350nm, 17.8s

XAN comp-Z, 560nm, 17.8s

HIA Hailar 32.22 331 d/P Pmax 11 50 54.7 +0.9

HIA comp-Z, 18nm, 0.9s

HIA Hailar 32.22 331 eP P 11 50 54.5 +0.7

HIA comp-Z, 34nm, 1.0s

PETK Petropavlovsk 32.33 17 P P 11 50 56.2 +1.5

PETK comp-Z, 30nm, 0.9s, baz=19, slow=5.6, SNR=24

PETK comp-Z, 7.8nm, 0.9s, baz=331, slow=1.6, SNR=3

PET Petropavlovsk 32.51 18 eP P 11 50 58.1 +1.8

PET 32.51 18 eP P 11 50 03.8 +1.8

PET comp-Z, 500nm, 2.1s

PET comp-Z, 200nm, 10.4s

PET comp-Z, 61nm, 0.8s

PET comp-Z, 500nm, 4.5s

PET comp-Z, 300nm, 10.3s

PET Petropavlovsk 32.51 18 eP P 11 50 57.2 +1.0

PET comp-Z, 256nm, 1.4s

GTO Gaiyuan 32.98 310 P P 11 51 00.3 -0.4

BYA Baotou 32.97 284 P P 11 51 03.0 +0.4

GYA comp-Z, 90nm, 1.0s

TTSI Tana Toraja 34.19 224 P P 11 51 14.8 +3.6

TTSI comp-Z, 34nm, 1.2s, comp-Z, 2um

BTM Bintulu 34.89 241 P P 11 51 19.0 +1.7

SBUM Sibiu 36.02 240 P P 11 51 28.7 +1.7

HNR Honiara 36.03 151 LR 12 04 19.4

LZH Lanzhou 36.36 300 P P 11 51 31.3 +1.4

LZH 11 52 54.0 -1.1

LZH 11 59 22.0 -2.4

LZH comp-Z, 100nm, 1.4s

2011 AUG										15d 11h																
705	YKA	Yellowknife Ar	75.62	28	P	P	11 56 09.0	+0.5			GOF	comp=N,1.72nm,1.5s			smax	smax	MNK	Minsk	85.20	328	eP	P	11 57 01.0	+1.1		
	YKA	comp=Z,89nm,0.8s									SAO	comp=E,1.04nm,1.5s					IDID	Didziasalis	85.30	329	eP	I	11 57 00.2	-0.1		
	NLWA	Neilton Lookoo	75.66	44	eP	P	11 56 10.5	+1.3			SAO	San Andreas Ge	80.95	54	eP	P										
	LVZ	Lovozero	75.77	338	iP	P	11 56 09.7	+0.3			SAO	comp=Z,5.5nm,1.1s							BBRC	Big Bearolar	85.32	55	P	P	11 57 01.4	+0.1
	LVZ	comp=Z,30nm,1.2s									NCK	San Andreas Ge	80.95	54	eP	P			IMW	Indian Meadow	85.36	44	eP	P	11 57 02.4	+1.1
	LVZ	Lovozero	75.77	338	eP	P	11 56 08.4	-1.0			NCK	comp=Z,5.2nm,1.1s							H17A	Grant Village	85.36	44	eP	P	11 57 03.9	+2.6
	A04D	Lummi Island	75.98	43	P	P	11 56 12.2	+1.4			WALA	Nalchik	81.15	313	eP	P			H17A	Grant Village	85.36	44	eP	P	11 57 03.9	+2.4
	RES	Resolute Bay	76.11	13	eP	P	11 56 11.2	+0.1			CMB	comp=Z,1.5nm,0.9s							MURC	Murrieta	85.39	56	P	P	11 57 01.4	+0.1
	RES	comp=Z,96nm,1.1s								CMB	Waterton Lakes	81.26	40	eP	P			LKWY	Lake	85.40	43	eP	P	11 57 02.0	+0.6	
	RES	Resolute Bay	76.11	13	eP	P	11 56 11.2	+0.1			CMB	comp=Z,1.13nm,1.0s							LKWY	Lake	85.40	43	eP	P	11 57 02.0	+0.6
	B05A	Bryant	76.52	43	P	P	11 56 15.1	+1.2			CMB	Columbia Colle	81.27	53	eP	P			LKWY	Lake	85.40	43	eP	P	11 57 02.0	+0.6
	F04D	Rainier, OR	76.63	46	P	P	11 56 15.8	+1.2			CMB	comp=Z,4.71nm,1.0s							LKWY	Lake	85.40	43	eP	P	11 57 02.0	+0.6
	KLMR	Klimovskoe	76.72	331	eP	P	11 56 12.3	-2.4			KBZ	Columbia Colle	81.27	53	eP	P			FLWY	Flagg Ranch	85.43	44	eP	P	11 57 02.8	+1.3
	KLMR	comp=Z,2.94nm,1.0s								KBZ	comp=Z,1.6nm,0.8s,baz=86,slow=3.5,SNR=48							ISAL	Salakas	85.45	329	eP	I	11 57 00.9	-0.2	
	KLMR	comp=Z,4.44nm,25.2s								KBZ	comp=Z,1.9nm,0.5s,baz=67,slow=18,SNR=19							ISAL	comp=Z,2.21nm,1.0s					11 57 02.3		
	G03D	McMinnville, O	76.74	46	P	P	11 56 16.6	+1.4			KIV	Kislovodsk	81.58	314	iP	P			NACGM	Naroch	85.51	329	eP	P	11 57 01.0	-0.4
	BIDO	Bidbid	76.80	290	P	P	11 56 18.0	+2.0			KIV	SNR=8.8							IIGN	Ignalina	85.53	329	eP	I	11 57 01.4	-0.1
	COR	Corvallis	76.92	47	eP	P	11 56 17.4	+1.2			KIV	Kislovodsk	81.58	314	iP	P			IIGN	comp=Z,9.0nm,1.0s					11 57 02.6	
	COR	comp=Z,140nm,1.3s								KIV	comp=Z,1.13nm,19.4s,baz=52,slow=3.9							HEC	Hector Ludlow	85.53	54	P	P	11 57 02.6	+0.6	
	COR	Corvallis	76.92	47	eP	P	11 56 17.4	+1.2			KIV	SNR=15							TPAW	Teton Pass	85.54	45	eP	P	11 57 02.9	+0.8
	PPT	Papeete	77.13	115	LR	LR	12 24 37.7				KIV	comp=Z,130nm,19.0s							MOOW	Moosonee	85.55	44	eP	P	11 57 02.9	+0.7
	PPT2	Papeete2	77.14	115	eS	S	12 06 07.5	+1.0			KIV	SNR=15							TUQ	Turquoise Moun	85.58	53	P	P	11 57 03.1	+0.7
	PPT2	Papeete2	77.14	115	eLR	LR	12 19 48.8				KIV	Kislovodsk	81.58	314	eP	P			REDW	Red Top Meadow	85.66	45	eP	P	11 57 03.2	+0.5
	I03D	Drain, OR	77.18	48	P	P	11 56 19.1	+1.4			KIV	comp=Z,3.9nm,0.8s							SNOW	Snog King Moun	85.68	45	eP	P	11 57 02.9	0.0
	TIAR	Tiarei	77.32	115	eP	P	11 56 19.9	+1.1			GNI	Garni	81.65	310	iP	P			LOHW	Long Hollow	85.71	44	eP	P	11 57 03.3	+0.4
	TIAR	comp=Z,1.3nm,1.1s								GNI	comp=Z,2.7nm,0.9s							109C	Camp Elliot, M	85.75	56	P	P	11 57 03.2	+0.2	
	KEV	Kevo	77.32	341	eP	P	11 56 18.0	0.0			STEI	Steigen	81.82	342	eP	I			AHID	Auburn Hatcher	85.77	45	eP	P	11 57 03.3	+0.1
	KEV	comp=Z,48nm,1.1s								STEI	comp=Z,7.4nm,1.0s							DUG	Dugway, Tooele	85.77	48	eP	P	11 57 04.0	+0.8	
	KEV	Kevo	77.32	341	eP	P	11 56 18.0	0.0			STEI	comp=Z,2.7nm,0.9s							DUG	Dugway, Tooele	85.77	48	eP	P	11 57 03.8	+0.5
	C06D	Leavenworth	77.39	43	eP	P	11 56 19.7	+0.8			STEI	comp=Z,7.4nm,1.0s							DUG	Dugway, Tooele	85.77	48	eP	P	11 57 03.8	+0.5
	HOQ	Hogain	77.49	290	P	P	11 56 20.8	+0.9			STEI	NEY	81.83	313	eP	P			DUG	Dugway, Tooele	85.77	48	eP	P	11 57 03.8	+0.5
	L02D	Cave Junction,	77.51	49	P	P	11 56 20.8	+1.2			FINES	comp=Z,3.0nm,0.8s							RLMT	Red Lodge	85.85	43	P	P	11 57 05.1	+1.5
	HAMF	Hammerfest	77.78	343	iP	I	11 56 20.3	-0.2			FINES	FINES Array B	82.17	334	P	P			RLMT	Red Lodge	85.85	43	eP	P	11 57 04.7	+1.0
	HAMF	comp=Z,4.44nm,25.2s								FINES	comp=Z,1.2nm,0.3s,baz=66,slow=4.7,SNR=197							PFO	Pinyon Flats O	85.94	55	P	P	11 57 04.5	+0.3	
	HAMF	comp=Z,4.44nm,25.2s								MSO	Missoula	82.17	42	P	P			PFO	Pinyon Flats O	85.94	55	P	P	11 57 04.5	+0.3	
	HAMF	comp=Z,4.44nm,25.2s								MFID	Carnas Ranch	82.37	46	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P			PFO	Pinyon Flats O	85.94	55	eP	P	11 57 04.1	-0.1	
	HAMF	comp=Z,4.44nm,25.2s								MLAC	Mammoth, Mammo	82.56	52	eP	P											

15d 11h

2011 AUG

Table with columns: SFJD, Kangerlussuaq, 89.96, 5 eP, P, 11 57 22.1 -0.3, etc. Includes various station names like Kangerlussuaq, MDDND, MVCO, etc.

Table with columns: UPC, Upice, 93.37 329, eP, P, 11 57 38.4 -0.2, etc. Includes various station names like G33A, I32A, H33A, etc.

Table with columns: KHC, Kasperke Hory, 95.47 329, eP, P, 11 57 47.5 -1.2, etc. Includes various station names like Kasperke Hory, N33A, I36A, etc.

FLOC	Florence	17.12 145	eP	P	13 02 11.5	+6.1
LRAL	Lakeview Retre	17.12 355	ePn	P	13 02 04.7	-0.5
439A	Center Grove	17.16 331	P	Pn	13 02 01.8	-2.2
834A	Tilden	17.26 317	P	Pn	13 02 02.8	-2.6
144A	Alexander Plac	17.29 345	P	Pn	13 02 03.3	-2.3
636A	Smothers Creek	17.30 323	P	Pn	13 02 03.5	-2.4
340A	Bronson	17.31 335	P	Pn	13 02 03.7	-2.2
537A	Green Hill Far	17.35 326	P	Pn	13 02 04.4	-2.0
Z47A	Carrollton	17.40 352	P	Pn	13 02 05.9	-1.1
933A	Laredo	17.42 314	P	Pn	13 02 04.6	-2.7
438A	Sam Houston St	17.46 330	P	Pn	13 02 06.0	-1.8
241A	No Tay, Goldon	17.48 338	P	Pn	13 02 06.7	-1.3
GOGA	Godfrey	17.51 5	ePn	P	13 02 08.7	-0.9
Z48A	Northport	17.51 354	P	Pn	13 02 07.3	-1.2
Z46A	Louisville	17.52 350	P	Pn	13 02 07.5	-1.1
339A	Huntington	17.52 333	P	Pn	13 02 05.9	-2.6
143A	Socs Landing,	17.61 343	P	Pn	13 02 06.9	-2.7
ZAIG	Zacatecas	17.65 295	ePn	P	13 02 12.7	+1.2
635A	Leesville	17.66 322	P	Pn	13 02 07.3	-2.9
734A	La Parita Cree	17.76 319	P	Pn	13 02 07.9	-3.6
536A	Bastrap	17.76 325	P	Pn	13 02 08.7	-2.8
240A	Hunter Patters	17.81 336	P	Pn	13 02 10.9	-1.2
Z45A	Winona	17.84 348	P	Pn	13 02 09.5	-2.9
437A	Phantom Ranch,	17.86 328	P	Pn	13 02 10.4	-2.3
Z44A	Pea Ridge, Bel	17.91 346	P	Pn	13 02 11.9	-1.4
NATX	Nacogdoches	17.94 333	P	Pn	13 02 11.7	-2.0
NATX	Nacogdoches	17.94 333	ePn	P	13 02 13.1	-1.2
833A	Chapparr WMA,	17.95 316	P	Pn	13 02 10.8	-3.1
141A	Papa Simpson,	18.00 339	P	Pn	13 02 12.3	-2.1
634A	China Grove, S	18.00 320	P	Pn	13 02 12.3	-2.2
535A	Dale	18.01 323	P	Pn	13 02 12.0	-2.6
Z43A	Armstrong Fami	18.05 344	P	Pn	13 02 13.4	-1.6
239A	Gary	18.08 334	P	Pn	13 02 12.9	-2.5
337A	Centerville	18.13 330	P	Pn	13 02 14.6	-1.4
733A	Divot King Ran	18.14 317	P	Pn	13 02 13.5	-2.8
436A	Wall Ranch, Ga	18.15 327	P	Pn	13 02 14.5	-1.8
140A	Cam and Jess,	18.27 337	P	Pn	13 02 16.3	-1.4
832A	Faith Ranch, C	18.32 315	P	Pn	13 02 16.2	-2.2
SJG	San Juan	18.45 80	LR	LR	13 09 16.1	
Y44A	Strider, Charl	18.52 347	P	Pn	13 02 20.0	-0.7
534A	Blanco	18.54 322	P	P	13 02 19.5	-1.5
633A	Seathoff Ranch	18.57 319	P	Pn	13 02 18.9	-2.3
435B	Jarrell	18.59 325	P	Pn	13 02 20.5	-1.2
237A	Washetta, Mont	18.66 331	P	Pn	13 02 21.3	-1.1
336A	Riesel	18.66 328	P	P	13 02 20.8	-1.4
Z40A	Long Farm, Mag	18.77 338	P	Pn	13 02 23.0	-0.8
Y42A	Garnett, Star	18.79 343	P	Pn	13 02 23.3	-0.7
X45A	UM Field Stati	18.80 349	P	Pn	13 02 23.9	-0.4
335A	Moody	18.89 326	P	Pn	13 02 24.4	-0.9
OXF	Oxford	18.89 349	eP	Pn	13 02 25.2	-0.1
138A	Matatali Enter	18.89 334	P	Pn	13 02 24.7	-0.7
533A	Kerrville	18.91 321	P	Pn	13 02 24.6	-1.1
434A	Burnet	19.00 324	P	Pn	13 02 25.4	-1.3
137A	Heron Place, G	19.13 332	P	Pn	13 02 26.9	-1.4
SWET	SWET	19.24 358	eP	Pn	13 02 29.6	+0.1
334A	Lometa	19.37 325	P	Pn	13 06 05.0	-1.6
136A	Ennis	19.39 330	P	Pn	13 02 29.7	-1.6
Y40A	Okolona	19.41 340	P	Pn	13 02 30.6	-1.0
X42A	Stuttgart	19.42 344	P	Pn	13 02 31.5	-0.1
433A	Art	19.43 322	P	Pn	13 02 30.9	-1.0
WHTX	Lake Whitney,	19.46 328	P	Pn	13 02 31.9	-0.3
WHTX	Lake Whitney,	19.46 328	eP	Pn	13 02 32.5	+0.4
CPCT	Cooper Cave	19.48 2	eP	Pn	13 02 32.7	+0.4
W45A	Hickory Valley	19.48 350	P	Pn	13 02 32.5	0.0
KM5C	Kings Mountain	19.48 10	eP	Pn	13 02 35.0	+2.5
Y39A	Lockesburg	19.62 338	P	Pn	13 02 32.6	-1.6
JCT	Junction City	19.66 320	P	Pn	13 02 33.7	-1.1
JCT	Junction City	19.66 320	eP	Pn	13 02 34.4	-0.3
X40A	Basin Creek Fa	19.70 341	P	Pn	13 02 33.7	-1.3
TKL	Tuckaleechee C	19.72 4	P	Pn	13 02 34.0	-1.3
TKL	comp=N,0.4nm,0.3s,baz=177,slow=9.8,SNR=5.4				13 06 02.9	-1.3
TKL	comp=N,0.5nm,0.3s,baz=301,slow=5.9,SNR=2.7				13 09 50.4	
TKL	comp=N,1.75nm,19.6s,baz=197,slow=36				13 02 35.4	+0.1
TKL	Richland Sprin	19.78 323	P	Pn	13 06 02.9	-1.3
333A	Richland Sprin	19.78 323	P	Pn	13 02 35.2	-0.9
UALR	University of	19.82 343	eP	Pn	13 02 35.8	-0.7
234A	Clairette	19.83 326	P	Pn	13 02 36.3	-0.3
Y38A	Idabel	19.86 336	P	Pn	13 02 36.2	-0.6
135A	Vickers Place,	19.89 329	P	Pn	13 02 37.0	-0.3
MIAR	Mount Ida	20.00 340	P	Pn	13 02 37.6	-0.9
MIAR	Mount Ida	20.00 340	eP	Pn	13 02 37.0	-1.5
Z36A	Blue Ridge	20.00 332	P	Pn	13 02 38.0	-0.7
V45A	Humboldt	20.02 351	P	Pn	13 02 38.4	-0.5
X39A	Fountain Ranch	20.15 338	P	Pn	13 02 39.6	-0.8

W41B	Gary Mavity, V	20.17 343	P	Pn	13 02 39.6	-1.0
134A	White-Moore Ra	20.24 327	P	Pn	13 02 40.2	-1.3
233A	Risey Star	20.25 325	P	Pn	13 02 40.1	-1.6
WVT	Waverly	20.27 354	eP	Pn	13 02 40.7	-1.0
X301	Greenbrier Sil	20.27 343	eP	Pn	13 02 41.7	-0.1
WHAR	Woolly Hollow	20.29 343	eP	Pn	13 02 41.9	-0.1
W40A	Ferguson Farm,	20.43 342	P	Pn	13 02 42.7	-0.9
Z35A	Perchaven, San	20.44 330	P	Pn	13 02 42.4	-1.3
V42A	Cord	20.55 346	P	Pn	13 02 44.0	-1.0
X38A	Whitesboro	20.55 337	P	Pn	13 02 44.0	-1.1
U45A	Rockin P Farm,	20.59 352	P	Pn	13 02 45.5	-0.1
TZTN	Tazewell	20.61 4	eP	Pn	13 02 46.9	+1.1
W39A	Magazine	20.66 340	P	Pn	13 02 45.7	-0.6
U44B	Burton Farm, H	20.67 351	P	Pn	13 02 45.4	-1.0
X37A	Clayton	20.69 336	P	Pn	13 02 44.8	-1.9
133A	Hamilton Ranch	20.71 326	P	Pn	13 02 45.3	-1.7
V41A	Mountainview	20.72 344	P	Pn	13 02 45.8	-1.3
Z34A	Collier Ranch,	20.79 329	P	Pn	13 02 46.9	-1.1
W38A	Poteau	20.80 338	P	Pn	13 02 45.9	-2.0
Y35A	Marietta	20.81 332	P	Pn	13 02 46.4	-1.7
PCRV	Puerto La Cruz	20.92 103	LR	LR	13 11 57.1	
V40A	Witts Springs	20.92 343	P	P	13 02 46.9	0.0
U42A	Reverend	21.04 347	P	P	13 02 48.0	-0.1
X36A	Centrahoma	21.07 334	P	Pn	13 02 48.5	0.0
ABTX	Abilene, Hawle	21.12 325	P	P	13 02 48.6	-0.5
ABTX	Abilene, Hawle	21.12 325	eP	P	13 02 50.8	+1.6
Z33A	Whitaker Ranch	21.16 327	P	P	13 02 50.5	+1.0
Y34A	Reagan Ranch,	21.19 330	P	Pn	13 02 50.9	+1.1
U41A	Viola	21.19 345	P	P	13 02 50.2	+0.4
W37B	Quinton	21.19 337	P	P	13 02 50.7	+0.8
X35A	Drake	21.20 332	P	P	13 02 50.9	+1.1
V39A	Pettigrew	21.20 341	P	P	13 02 51.0	+0.9
PBMO	Poplar Bluff	21.28 349	eP	P	13 02 51.2	+0.5
SMRT	St. Maarten	21.37 81	eP	P	13 02 55.0	+3.2
T44A	Benton	21.44 351	P	P	13 02 52.8	+0.4
U40A	Yellville	21.45 343	P	P	13 02 53.3	+0.8
V38A	Canehill	21.47 339	P	P	13 02 53.4	+0.5
W36A	Wetumka	21.51 335	P	P	13 02 53.5	+0.3
TXAR	Lajitas Ar. Si	21.54 311	eP	P	13 02 54.2	+0.5
TXAR	comp=N,7.4nm,0.9s,baz=123,slow=11,SNR=26				13 06 40.3	-1.0
TX31	Lajitas Ar. Si	21.54 311	eP	P	13 02 54.2	+0.5
T43A	Greenville	21.55 349	P	P	13 02 55.2	+1.8
U39A	Green Forest	21.65 342	P	P	13 02 55.4	+0.6
Y33A	Hilltop Ranch,	21.66 329	P	P	13 02 55.4	+0.6
BLA	Blacksburg	21.66 11	eP	P	13 02 58.4	+3.5
V37A	Hubert	21.75 338	P	P	13 02 56.4	+0.6
X34A	Smith Ranch, M	21.75 331	P	P	13 02 56.5	+0.7
VWCC	Virginia Weste	21.77 12	eP	P	13 02 58.6	+2.5
W35A	Teunseh	21.79 334	P	P	13 02 56.7	+0.5
T41A	Mountain View	21.82 346	P	P	13 02 56.5	0.0
HPIG	comp=N,1.9nm,0.8s	21.87 304	eP	P	13 02 58.7	+1.3
S45A	Carrier Mills	21.88 353	P	P	13 02 58.1	+1.0
V36A	Jenks	21.96 336	P	P	13 02 59.0	+1.0
S44A	Carbondale	21.98 352	P	P	13 02 59.5	+1.2
S43A	Fulton Ridge,	21.99 350	P	P	13 02 59.3	+0.9
U38A	Gravette	21.99 340	P	P	13 02 59.2	+0.8
SIUC	Southern Illin	22.00 352	eP	P	13 03 00.9	+2.5
TUL1	Leonard	22.01 337	eP	P	13 03 02.2	+0.6
TUL1	Leonard	22.01 337	eP	P	13 03 00.6	+2.0
X33A	Lawton	22.02 330	P	P	13 02 59.5	+0.8
USIN	University of	22.07 355	eP	P	13 03 01.6	+2.3
T40A	Mansfield	22.11 345	P	P	13 02 59.9	+0.3
U37A	Salina	22.21 339	P	P	13 03 01.0	+0.3
T39A	Cleaver	22.22 343	P	P	13 03 01.8	+1.0
W34A	Bridge Creek,	22.25 332	P	P	13 03 01.8	+0.5
W34A	Bridge Creek,	22.25 332	eP	P	13 03 03.0	+1.7
W34A	Wyandotte Cave	22.25 358	eP	P	13 02 02.7	+1.5
V35A	Meyer Ranch, C	22.30 335	P	P	13 03 02.1	+0.4
S42A	Caledonia	22.31 348	P	P	13 03 00.3	-1.5
S42A	Elmer	22.32 328	P	P	13 03 01.9	+0.1
WMOK	Wichita Mounta	22.32 330	P	P	13 03 01.4	-0.5
WMOK	Wichita Mounta	22.32 330	eP	P	13 03 01.8	-0.1
S41A	Jilco Farms,	22.34 346	P	P	13 03 01.4	-0.7
U36A	Dolog	22.42 337	P	P	13 03 02.3	-0.6
R44A	Waltonville	22.50 352	P	P	13 03 03.5	-0.4
W33A	Caddo, Fort Co	22.50 331	P	P	13 03 02.9	-1.0
T38A	Diamond	22.51 341	P	P	13 03 03.2	-0.7
S40A	Lebanon	22.53 345	P	P	13 03 03.7	-0.4
GDHS	Morre Mazeau,	22.62 86	eP	P	13 03 07.9	+2.5
V34A	Guthrie	22.64 333	P	P	13 03 04.9	-0.5
V34A	Guthrie	22.64 333	eP	P	13 03 06.2	+0.8
R43A	Red Bud	22.65 351	P	P	13 03 06.0	+0.5
U35A	Cheneyville 18	22.78 336	P	P	13 03 06.5	-0.3
T37A	Cheneyville 18	22.79 340	P	P	13 03 05.9	-1.0
R42A	Luebbering	22.81 349	P	P	13 03 07.3	+0.3

S39A	Bolivar	22.83 343	P	P	13 03 06.7	-0.6
W32A	Sentinel	22.85 329	P	P	13 03 06.6	-1.0
OLIL	Oliney	22.87 354	eP	P	13 03 09.9	+2.2
S38A	Stockton	22.94 342	P	P	13 03 07.7	-0.8
R41A	Rosebud	22.94 348	P	P	13 03 08.4	0.0
V33A	Lossen Ranch,	22.97 332	P	P	13 03 08.0	-0.8
T36A	Boggs Farm, Ca	23.06 338	P	P	13 03 09.0	-0.7</

M39A	Webster	26.16 348	P	P	13 03 39.7 +1.0
N36A	Muff Farm, Cla	26.20 343	P	P	13 03 39.6 +0.7
121A	Cookes Peak, D	26.26 313	P	P	13 03 39.8 0.0
121A	Cookes Peak, D	26.26 313	eP	P	13 03 41.2 +1.4
P32A	Hulling Farm,	26.33 336	P	P	13 03 40.6 +0.4
BNN	Barren Site	26.42 317	eP	P	13 03 42.3 +0.9
L40A	Anamosa	26.56 350	P	P	13 03 43.6 +1.5
319A	Douglas	26.73 309	eP	P	13 03 45.2 +1.2
O32A	Brockman Farm,	26.77 338	P	P	13 03 45.9 +1.8
ANMO	Albuquerque	26.81 319	P	P	13 03 45.8 +1.0
ANMO	Albuquerque	26.81 319	P	LR	13 16 26.5
ANMO	Albuquerque	26.81 319	P	P	13 03 45.4 +0.6
ANMO	Albuquerque	26.81 319	eP	P	13 03 46.1 +1.3
LAZ	Ladron	26.91 317	eP	P	13 03 45.7 0.0
K41A	Shullsburg	26.95 352	P	P	13 03 48.0 +2.2
M35A	Neola	27.01 343	P	P	13 03 45.4 -0.8
T25A	Trinidad	27.09 325	P	P	13 03 48.5 +1.1
T25A	Trinidad	27.09 325	eP	P	13 03 48.4 +1.1
JFW5	Jewell Farm	27.25 352	eP	P	13 03 51.4 +3.0
J41A	Loganville	27.66 353	P	P	13 03 54.2 +2.1
K37A	Belmond	27.71 347	P	P	13 03 51.1 -1.4
J40A	Soldiers Grove	27.79 351	P	P	13 03 55.3 +2.1
J39A	Decorah	27.88 350	P	P	13 03 51.2 -2.8
SDCO	Great Sand Dun	28.13 325	P	P	13 03 58.0 +1.3
SDCO	Great Sand Dun	28.13 325	eP	P	13 03 58.8 +1.1
J37A	Redenius Farm,	28.21 347	P	P	13 03 53.4 -3.6
I40A	Norwalk	28.26 352	P	P	13 03 58.2 +0.8
TUC	Tucson	28.31 310	P	P	13 03 58.4 +0.3
TUC	Tucson	28.31 310	eP	P	13 04 00.2 +2.1
I41A	Arkdale	28.33 353	P	P	13 03 57.4 -0.6
I39A	Houston	28.36 351	P	P	13 04 00.4 +2.1
J36A	Seneca 1, Swea	28.40 346	P	P	13 03 58.7 0.0
OGNE	Ogallala	28.86 333	P	P	13 04 05.1 +2.2
S22A	4UR Ranch, Cre	28.89 323	P	P	13 04 03.1 -0.3
S22A	4UR Ranch, Cre	28.89 323	eP	P	13 04 04.8 +1.3
H40A	Chili	28.95 352	P	P	13 04 05.5 +2.0
K31A	O'Neill	29.02 339	P	P	13 04 04.0 -0.2
MVCO	EROS Data Cent	29.36 343	eP	P	13 04 09.7 +2.5
MVCO	Mesa Verde	29.53 320	eP	P	13 04 10.0 +0.9
MVCO	Mesa Verde	29.53 320	eP	P	13 04 10.9 +1.9
214A	Organ Pipe Nat	29.67 308	P	P	13 04 10.6 +0.5
H35A	Sunnyside Ranc	29.81 346	P	P	13 04 13.2 +2.0
PTGA	Pittinga	29.99 121	eP	LR	13 18 06.7
PTGA	Pittinga	29.99 121	eP	P	13 04 14.3 +1.2
LONY	Lake Ozonia	30.03 15	eP	P	13 04 16.9 +3.8
H33A	Prehn Over Nor	30.27 344	P	P	13 04 17.4 +2.0
H32A	Carlson Farm,	30.30 343	P	P	13 04 16.9 +1.3
WUJZ	Wupatki	30.39 315	P	P	13 04 17.5 +0.9
WUJZ	Wupatki	30.39 315	eP	P	13 04 19.0 +2.4
SUSD	Miller	30.70 341	P	P	13 04 20.7 +1.6
G32A	Webster	31.01 343	P	P	13 04 23.6 +1.8
G31A	Conde	31.18 342	P	P	13 04 22.5 -0.8
O20A	White River Ci	31.32 325	eP	P	13 04 27.7 +2.8
U15A	North Rim	31.51 316	eP	P	13 04 29.1 +2.4
GLA	Glamis	31.68 308	P	P	13 04 28.1 +0.2
GLA	Glamis	31.68 308	eP	P	13 04 30.1 +2.3
D37A	Cotton	31.72 351	P	P	13 04 29.1 +1.1
PDMC	Parker Dam,Lak	31.73 311	P	P	13 04 29.1 +0.8
Y12C	Blythe	31.75 309	P	P	13 04 28.0 -0.5
D35A	Remer	31.92 349	P	P	13 04 31.5 +1.6
W13A	Hualapai Mount	31.93 312	eP	P	13 04 36.0 +5.8
C39A	Grand Marais	32.07 354	P	P	13 04 32.3 +1.3
C38A	Sawbill Land.	32.10 352	P	P	13 04 32.9 +1.5
C37A	Embarrass	32.24 351	P	P	13 04 34.0 +1.4
K22A	Casper	32.26 330	P	P	13 04 33.9 +0.8
RSSD	Black Hills	32.30 334	P	P	13 04 34.0 +0.5
MTPU	Mount Pierson	32.35 318	eP	P	13 04 35.7 +1.6
EYMN	Ely	32.36 352	P	P	13 04 35.1 +1.4
EYMN	Ely	32.36 352	eP	P	13 04 34.4 +0.7
SWSC	Sam W. Stewart	32.37 307	P	P	13 04 32.0 -1.9
BC3	Big Chuckawall	32.41 309	P	P	13 04 35.0 +0.6
IKP	In-Ko-Pah, Jac	32.49 306	P	P	13 04 36.5 +1.4
C35A	Jirik Farms, M	32.51 349	P	P	13 04 34.2 -0.7
MSU	Marysville	32.62 319	eP	P	13 04 37.7 +1.4
VLDQ	Val d'Or	32.76 10	eP	P	13 04 39.2 +1.0
MONP2	Monument Peak	32.83 307	P	P	13 04 39.2 +1.0
BELC	Belle Mtn. Jos	32.97 309	P	P	13 04 40.5 +1.2
SAML	Samuel	33.01 137	eP	P	13 04 41.5 +1.8
GMRC	Granite Mounta	33.06 310	P	P	13 04 41.6 +1.5
TPFO	Pinon Flats	33.14 308	P	P	13 04 41.8 +0.9
PFO	Pinon Flats O	33.15 308	P	P	13 04 42.4 +1.5
PFO	Pinon Flats O	33.15 308	eP	P	13 04 38.1 -2.8
PFO	Pinon Flats O	33.15 308	eP	P	13 04 42.4 +1.5
109C	Camp Elliot, M	33.36 306	P	P	13 04 39.9 -2.7
B33A	Robert and Kas	33.37 347	P	P	13 04 44.2 +1.7

B34A	Aery, Baudette	33.38 349	P	P	13 04 44.6 +2.0
C31A	Landman Farms,	33.41 345	P	P	13 04 44.4 +1.3
AGMN	Agassiz Nation	33.45 347	P	P	13 04 44.2 +1.2
SHPR	Sheep Range	33.52 313	eP	P	13 04 46.4 +2.2
TUQ	Turquoise Moun	33.55 311	P	P	13 04 45.3 +0.8
HEC	Hector,Ludlow	33.58 310	P	P	13 04 45.1 +0.5
B32A	Strandq	33.69 346	P	P	13 04 46.3 +1.1
MURC	Murrieta	33.71 307	P	P	13 04 42.9 -2.7
BBRC	Big Bear Solar	33.77 309	P	P	13 04 46.2 -0.2
BW06	Boulder Array	33.87 327	eP	P	13 04 47.5 +0.3
BW06	Boulder Array	33.87 327	eP	P	13 04 49.0 +1.8
PDAR	Pinedale Array	33.87 327	eP	P	13 04 47.8 +0.6
A33A	Warroad	33.96 348	eP	P	13 04 48.2 +0.6
MDND	Maddock	33.97 343	P	P	13 04 48.2 +0.5
MDND	Maddock	33.97 343	eP	P	13 04 47.5 -0.3
B31A	Greenbush Farm	33.98 345	P	P	13 04 49.1 +1.3
SHOC	Shoshone, Teco	34.02 312	P	P	13 04 49.0 +0.6
DUG	Dugway, Tooele	34.02 321	P	P	13 04 48.6 +0.1
GSC	Goldstone, Bar	34.13 310	P	P	13 04 51.0 +1.6
HWUT	Hardware Ranch	34.18 324	eP	P	13 04 52.8 +2.9
BFSO	Mount Baldy Ra	34.32 308	P	P	13 04 51.2 +0.1
BREC	Barre Substati	34.39 307	eP	P	13 04 50.8 -0.7
BREC	Barre Substati	34.39 307	eP	P	13 07 28.1 +0.8
LMN	Caledonia Moun	34.44 26	eP	P	13 04 55.5 +3.7
TPNV	Topopah Spring	34.50 313	P	P	13 04 54.4 +1.7
TPNV	Topopah Spring	34.50 313	eP	P	13 04 56.0 +3.4
FURC	Furnace Creek,	34.70 312	P	P	13 04 55.4 +1.2
R11A	Troy Canyon, C	34.75 316	P	P	13 04 55.9 +1.0
R11A	Troy Canyon, C	34.75 316	eP	P	13 04 57.7 +2.8
EDW2	Edwards Air Fo	34.83 309	P	P	13 04 56.3 +0.8
DECC	Green Verdugo	34.83 308	P	P	13 04 56.1 +0.7
LRMC	Laurel Mtn Rad	34.85 310	P	P	13 04 55.6 -0.1
REDW	Red Top Meadow	34.97 327	eP	P	13 04 57.6 +0.9
MPMC	Manual Prospec	34.97 311	P	P	13 04 56.7 0.0
LOHW	Long Hollow	35.01 327	eP	P	13 04 58.2 +1.2
TPAW	Teton Pass	35.11 327	eP	P	13 04 59.6 +1.7
MOOW	Moose Ponds	35.18 327	eP	P	13 04 59.2 +0.7
FXWY	Fox Creek	35.25 327	eP	P	13 04 59.8 +0.7
LAO	LASA Array	35.29 335	P	P	13 03 00.4 +1.2
GRAC	Grapevine Rang	35.31 313	P	P	13 04 56.9 -2.6
ULM	Lac du Bonnet	35.31 348	P	P	13 05 00.7 +1.4
ULM	Lac du Bonnet	35.31 348	eP	P	13 05 01.1 +1.8
IMW	Imperial Meadow	35.38 327	eP	P	13 05 01.7 +1.4
FLWY	Flagg Ranch	35.39 328	eP	P	13 05 01.8 +1.5
RLMT	Red Lodge	35.43 330	P	P	13 05 01.3 +0.7
RLMT	Red Lodge	35.43 330	eP	P	13 05 02.6 +2.0
ISA	Isabella, Lake	35.52 310	P	P	13 05 02.0 +0.7
H17A	Grant Village	35.55 328	P	P	13 05 01.8 +0.1
ARVC	Arvin	35.56 309	P	P	13 05 02.1 +0.5
CWC	Conwood Cre	35.56 311	P	P	13 05 01.9 0.0
TIN	Tinemaha, Big	35.95 312	P	P	13 05 05.9 +0.8
DGMT	Dagmar	35.99 338	P	P	13 05 04.8 -0.4
DGMT	Dagmar	35.99 338	eP	P	13 05 06.1 +0.9
VES	Vestal, Richgr	36.04 310	P	P	13 05 08.1 +2.4
LPZA	La Paz	36.20 151	P	P	13 05 08.4 +0.5
LPZA	La Paz	36.20 151	eP	LR	13 20 11.9
LPZA	La Paz	36.20 151	eP	P	13 05 09.3 +1.4
PKM	Mpherson Peak	36.21 308	P	P	13 05 08.0 +0.6
SMCC	Simmler	36.51 309	P	P	13 05 11.0 +1.2
MLAC	Mammoth, Mammo	36.64 313	P	P	13 05 12.2 +1.1
BMN	Bad Mtnai	36.93 318	eP	P	13 05 15.0 +1.6
BOZ	Bozeman (W)	36.96 329	P	P	13 05 15.0 +1.3
BOZ	Bozeman (W)	36.96 329	eP	P	13 05 15.7 +2.0
MCMT	McKenzie Canyo	37.02 327	eP	P	13 05 16.3 +2.0
HLID	Hailey	37.05 324	P	P	13 05 15.6 +1.1
HLID	Hailey	37.05 324	eP	P	13 05 15.4 +1.0
DLMT	Dillon	37.25 328	eP	P	13 05 17.2 +1.1
LRM	Limekiln Ridge	37.49 328	eP	P	13 05 19.3 +1.1
MFID	Camas Ranch	37.77 323	P	P	13 05 22.1 +1.7
PB11	IPOC Station P	38.64 156	eP	P	13 05 28.4 +0.4
WVOR	Wild Horse Val	38.90 320	eP	P	13 05 28.5 -1.6
MSO	Missoula	38.93 328	P	P	13 05 31.6 +1.3
PB01	IPOC Station P	39.87 157	eP	P	13 05 38.9 +0.7
F10A	Beach Ranch, E	40.12 325	eP	P	13 05 40.9 +0.7
WALA	Waterton Lakes	40.46 331	eP	P	13 05 43.7 +0.7
M0AC	Macdoel	40.62 317	P	P	13 05 46.5 +2.1
SCHO	Schefferville	41.40 16	P	P	13 05 51.9 +1.4
SCHO	Schefferville	41.40 16	eP	LR	13 23 08.4
G05D	Wamic, OR	42.04 322	P	P	13 05 56.4 +0.4
LLLB	Lillooet	45.39 328	eP	P	13 06 24.0 +1.2
BDFB	Brasilia	48.35 129	P	P	13 06 45.7 -0.7
BDFB	Brasilia	48.35 129	eP	LR	13 28 52.8
CPUP	Villa Florida	50.03 147	P	P	13 07 00.2 +1.3
YKA	Yellowknife Ar	50.89 343	P	P	13 07 04.0 -1.1
DLBC	Dease Lake	53.75 333	eP	P	13 07 27.9 +1.4
PLCA	Paso Flores	57.99 167	P	P	13 07 56.0 -1.0
PLCA	Paso Flores	57.99 167	eP	P	13 08 48.9 -2.0

DOT	Dot Lake	62.20 334	eP	P	13 08 25.9 +0.3
PAX	Paxson	62.55 333	eP	P	13 08 27.6 -0.5
SUMG	Summit	62.75 14	eP	P	13 08 28.7 -0.9
HDA	Harding Lake	63.65 335	eP	P	13 08 35.4 +0.2
IL1	Eielson Array	63.75 335	P	P	13 08 35.3 -0.5
ILAR	Eielson Array	63.75 335	P	P	13 08 35.6 -0.2
ILB	Eielson Array	63.75 335	eP	P	13 08 36.0 +0.1
CCB	Clear Creek Bu	64.08 335	eP	P	13 08 37.9 -0.1
RND	Reindeer	64.14 333	eP	P	13 08 39.3 +0.7
COLA	College	64.17 335	eP	P	13 08 40.1 -0.4
MCK	McKinley	64.27 334	eP	P	13 08 40.1 +0.8
TRF	Thorofore Moun	64.78 333	eP	P	13 08 43.1 +0.3
KTH	Kantisha Hill	65.08 333	eP	P	13 08 43.7 -1.0
RSD	Redoubt South	65.20 330	eP	P	13 08 50.1 +4.4
CAST	Castle Rocks	65.55 333	eP	P	13 08 46.7 -0.9
TT01	Tatalina	67.19 332	eP	P	13 08 57.2 -0.9
TTA	Tatalina	67.19 332	eP	P	13 08 57.8 -0.5
PGAV	Gaviera, Arco	69.98 51	eP	P	13 09 17.8 +1.7
PNCL	Nicolau / Gran	70.06 55	eP	P	13 09 17.2 +0.7

Table with multiple columns containing names, numbers, and codes. The table is organized into two main sections: one on the left (15d 13h) and one on the right (2011 AUG). Each row contains a name, a number, a code, and a date. The names include various locations and individuals, such as Brajici-Budva, Podgorica, and Zagreb. The numbers and codes vary across the rows, representing different data points or identifiers. The dates are consistently 2011 AUG.

15d 16h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like H1N13 WAKE ISLAND Hy 36.89 352 T, TBI Tubuai 36.90 106 eS, H1N12 WAKE ISLAND Hy 36.91 352 T, etc.

2011 AUG

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ARSA Arzberg 144.09 332 i sPKPpdf, MOA Molin 144.18 334 i PKIKP, SKO Sokob 144.48 320 i P, etc.

714

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like USP Ospanovka 2.43 53 i P, KBK Karaybulak 2.45 70 i P, TBM2 Tokmak 2 2.99 68 i P, etc.

16d Oh

GUYC	Guyana, Colomb	21.16 118 eP	P	00 30 52.9 +1.4
T37A	Chenevieve 18	21.25 358 P	P	00 30 51.0 -0.7
T41A	Mountain View	21.26 5 P	P	00 30 50.9 -1.0
T40A	Mansfield	21.31 3 P	P	00 30 51.9 -0.5
T34C	McCleary Farm	21.32 353 P	P	00 30 51.5 -0.9
CPCT	Cooper Cave	21.36 22 eP	P	00 30 52.1 -0.8
CPCT	CPCT		eP	00 31 07.3 -3.1
NORC	Norcasia	21.43 116 eP	S	00 30 54.9 +0.9
T43A	Greenville	21.47 8 P	P	00 30 52.9 -1.1
BNM	Barren Site	21.48 331 eP	P	00 30 57.5 +3.0
T33A	Patterson Ranch	21.52 351 P	P	00 30 54.0 -0.6
TOLC	Volima	21.55 119 eP	P	00 30 57.4 +1.9
OPAC	Los Pinos Moun	21.61 331 eP	P	00 30 58.8 +2.9
LCM	Ocana	21.65 108 eP	P	00 30 56.9 +0.5
T32A	Huddler Ranch	21.72 350 P	P	00 30 56.4 -0.5
S38A	Stockton	21.75 0 P	P	00 30 55.8 -1.3
S40A	Lebanon	21.76 3 P	P	00 30 56.1 -1.1
S41A	Jilco Farms,	21.80 5 P	P	00 30 55.6 -2.1
CMBC	Cumbal	21.81 131 eP	P	00 31 02.7 +4.4
S39A	Bolivar	21.82 2 P	P	00 30 55.8 -2.0
TKL	Tuckaleechee C	21.82 23 P	P	00 30 55.1 -2.8
TKL	Tuckaleechee C	21.82 23 eP	S	00 34 55.8 +1.6
TKL	Tuckaleechee C	21.82 23 eP	S	00 30 55.0 -1.9
TKL	Tuckaleechee C	21.82 23 eP	S	00 34 55.8 +1.6
URIC	Uribia, Colomb	21.85 98 eP	S	00 31 06.4 +8.1
S36A	Lake Cedric, C	21.88 37 P	P	00 30 56.8 -1.6
S37A	Fort Scott	21.89 358 P	P	00 30 56.9 -1.6
S35A	Otter Creek Ra	21.89 355 P	P	00 30 57.1 -1.5
LAZ	Ladron	21.93 30 eP	P	00 30 59.8 +0.6
S43A	Fulton Ridge,	21.98 9 P	P	00 30 57.1 -2.4
ANMO	Albuquerque	22.06 332 P	P	00 31 02.2 +1.6
ANMO	Albuquerque	22.06 332 P	P	00 31 01.6 +0.9
ANMO	Albuquerque	22.06 332 eP	P	00 31 02.4 +1.8
S42A	Caledonia	22.08 7 P	P	00 30 59.2 -1.4
ROSC	El Rosal	22.27 117 P	P	00 31 05.2 +1.9
ROSC	El Rosal	22.27 117 eP	P	00 31 03.9 +0.6
ROSC	El Rosal	22.27 117 eP	P	00 31 04.2 +1.0
R38A	Fenwick Farm,	22.30 0 P	P	00 31 01.0 -1.9
TUC	Tucson	22.36 320 P	P	00 31 05.0 +1.2
TUC	Tucson	22.36 320 eP	P	00 31 06.2 +2.4
PRAC	Prado	22.39 120 eP	P	00 31 05.1 +1.0
PRAC	Prado	22.39 120 eP	P	00 31 04.1 -0.1
KMSC	Kings Mountain	22.40 28 eP	P	00 31 01.8 -2.3
BARC	Barichara	22.44 112 eP	P	00 31 05.7 +0.8
R39A	Chumby, Stover	22.45 2 P	P	00 31 03.2 -1.3
R40A	Maddies Statio	22.46 4 P	P	00 31 03.6 -1.1
R36A	Gordon, Harris	22.47 357 P	P	00 31 03.0 -1.8
R41A	Rosebud	22.54 6 P	P	00 31 03.2 -2.2
R42A	Luebbering	22.58 7 P	P	00 31 03.9 -2.0
R33A	Olander Ranch,	22.68 352 P	P	00 31 06.0 -1.0
R43A	Red Bud	22.69 9 P	P	00 31 05.1 -1.9
TZTN	Tazewell	22.69 22 eP	P	00 31 08.4 +1.3
RUSC	La Rusia	22.84 113 eP	P	00 31 08.9 -0.4
RUSC	La Rusia	22.84 113 eP	P	00 31 08.2 -1.1
CHIC	Chingaza	22.88 117 eP	P	00 31 09.4 -0.3
R32A	Long Quarter	22.90 351 P	P	00 31 07.6 -1.6
Q37A	Longview Farm,	22.99 359 P	P	00 31 07.8 -2.2
Q35A	Merco Eighty,	23.04 356 P	P	00 31 08.1 -2.4
Q38A	Cooks Store, C	23.08 1 P	P	00 31 09.2 -1.7
T25A	Trinidad	23.14 339 P	P	00 31 11.0 -0.8
T25A	Trinidad	23.14 339 eP	P	00 31 14.1 +2.3
Q40A	Laux Farm, Aux	23.18 4 P	P	00 31 08.9 -2.9
WILC	Villavicencio,	23.18 118 eP	P	00 31 13.4 +1.2
Q39A	Willow Grove F	23.18 2 P	P	00 31 09.0 -2.8
Q41A	Truxton	23.20 6 P	P	00 31 09.8 -2.3
KSUI	Kansas State U	23.32 355 P	P	00 31 11.8 -1.3
Q43A	New Douglas	23.38 9 P	P	00 31 11.3 -2.4
WCI	Wyandotte Cave	23.38 16 eP	P	00 31 12.7 -1.1
SJAC	San Juan de Ar	23.41 120 eP	P	00 31 17.5 +3.2
214A	Organ Pipe Nat	23.43 317 P	P	00 31 14.2 -0.1
Q32A	Mettler Ranch,	23.43 351 P	P	00 31 13.2 -1.0
Q44A	Meyer Farm, Va	23.45 10 P	P	00 31 12.1 -2.2
CBKS	Cedar Bluff	23.46 349 P	P	00 31 13.5 -1.0
CBKS	Cedar Bluff	23.46 349 eP	P	00 31 14.8 +0.3
X18A	Snowflake	23.48 326 eP	P	00 31 18.0 +3.2
P39B	Salisbury	23.63 3 P	P	00 31 14.4 -1.5
P35A	Duane Minner,	23.70 356 P	P	00 31 15.1 -1.5
P37A	Lathrop	23.70 360 P	P	00 31 15.4 -1.2
P40A	Paris	23.71 4 P	P	00 31 15.1 -1.6
P38A	Dawn	23.74 1 P	P	00 31 14.9 -2.0
SDV	Santo Domingo	23.91 104 P	P	00 31 18.1 -0.9
SDV	Santo Domingo	23.91 104 eP	P	00 31 18.8 -0.2
P42A	Winchester	23.92 7 P	P	00 31 16.9 -1.6
P32A	Huiting Farm,	24.06 351 P	P	00 31 19.4 -0.4
SDCO	Great Sand Dun	24.07 337 P	P	00 31 19.5 -0.8
SDCO	Great Sand Dun	24.07 337 eP	P	00 31 23.7 +3.4
CNNO	Ciffs of the	24.20 34 eP	P	00 31 19.8 -1.2
X16A	Lo Mia Camp, P	24.23 323 eP	P	00 31 24.5 +2.9
O33A	Hebron	24.38 354 P	P	00 31 22.3 -0.4
O41A	Passleys Farm,	24.39 6 P	P	00 31 21.5 -1.2
O34A	Beatrice	24.40 355 P	P	00 31 22.4 -0.5
O35A	Humboldt	24.43 357 P	P	00 31 22.9 -0.2

2011 AUG

BLA	Blacksburg	24.53 27 eP	P	00 31 23.7 -0.5
I13A	Mohawk Valley,	24.56 317 eP	P	00 31 28.9 +4.4
S22A	4UR Ranch, Cre	24.59 335 P	P	00 31 25.4 +0.5
S22A	4UR Ranch, Cre	24.59 335 eP	P	00 31 25.3 +0.3
O32A	Brockman Farm,	24.64 352 P	P	00 31 24.7 -0.4
O31A	Woolen Ranch,	24.69 350 P	P	00 31 25.4 -0.1
MVCO	Mesa Verde	24.86 332 P	P	00 31 27.8 +0.4
MVCO	Mesa Verde	24.86 332 eP	P	00 31 27.8 +0.4
N38A	Joess South For	24.92 2 P	P	00 31 26.7 -0.8
N36A	Muff Farm, Cla	24.94 358 P	P	00 31 26.6 -1.1
WUAZ	Wupatki	24.99 325 P	P	00 31 29.9 +1.4
WUAZ	Wupatki	24.99 325 eP	P	00 31 28.8 +0.3
HDIL	Hopedale	25.02 9 P	P	00 31 27.3 -1.2
Q24A	Divide	25.04 339 eP	P	00 31 28.8 -0.2
GLA	Glamis	25.44 316 P	P	00 31 33.7 +1.2
M37A	Glamis	25.44 316 eP	P	00 31 31.0 -1.5
GLA	Glamis	25.51 0 P	P	00 31 32.3 -0.7
M38A	Pleasantville	25.54 2 P	P	00 31 32.1 -1.1
M36A	Felix, Anita	25.57 359 P	P	00 31 32.7 -0.8
M39A	Webster	25.64 3 P	P	00 31 33.9 -0.3
M34A	Aspy Farms, Fr	25.70 356 P	P	00 31 28.8 +0.7
BGNE	Belgrade	25.76 353 eP	P	00 31 35.3 +0.1
PDMCI	Parker Dam, Lak	25.78 319 P	P	00 31 35.8 +0.3
M31A	Lambrecht Ranc	25.80 352 P	P	00 31 35.5 -0.2
PV05	Parox Valley	25.84 332 eP	P	00 31 35.7 -0.6
SMCO	Snowmass	25.88 337 eP	P	00 31 36.9 +0.0
SMCO	Snowmass	25.88 337 eP	P	00 31 37.5 +0.2
ISCO	Idaho Springs	25.94 339 P	P	00 31 36.8 -0.8
SCIA	State Center	26.03 1 eP	P	00 31 37.8 -1.0
L34A	Svendsen Farm,	26.15 356 P	P	00 31 37.8 -1.0
U15A	North Rim	26.16 325 eP	P	00 31 41.7 +2.5
L36A	Harm Buss Farm	26.22 359 P	P	00 31 37.7 -1.6
BC3	Big Chuckwall	26.22 317 P	P	00 31 39.4 -0.2
L37A	Phoenix Point,	26.24 1 P	P	00 31 38.2 -1.3
L35A	Bielow Farm, R	26.25 358 P	P	00 31 38.5 -1.1
L38A	Oak Wood Farm,	26.27 2 P	P	00 31 38.3 -1.5
L39A	Vinton	26.30 4 P	P	00 31 38.7 -1.4
IRM	Iron Mountain	26.33 318 P	P	00 31 40.8 +0.3
L41A	Preston	26.37 6 P	P	00 31 38.7 -2.0
K33A	Hardington	26.83 355 P	P	00 31 44.6 -0.2
K34A	Le Mars	26.85 357 P	P	00 31 43.8 -1.3
KNB	Kanab	26.88 325 eP	P	00 31 48.4 +2.8
K41A	Shullsburg	26.91 6 P	P	00 31 43.9 -1.7
K40A	Colesburg	26.93 5 P	P	00 31 43.8 -1.9
GMRC	Granite Mounta	27.05 318 P	P	00 31 48.3 +1.1
JFWS	Jewell Farm	27.23 6 eP	P	00 31 47.3 -1.1
MTPU	Mount Pierson	27.30 328 eP	P	00 31 50.6 +1.0
J37A	Redenius Farm,	27.42 1 P	P	00 31 48.6 -1.6
J38A	Wedel Dairy, R	27.46 3 P	P	00 31 48.6 -1.9
J35A	Milford	27.49 358 P	P	00 31 48.5 -2.3
J39A	Decorah	27.52 4 P	P	00 31 48.8 -2.3
J40A	Soldiers Grove	27.66 5 P	P	00 31 51.3 -0.9
J41A	Loganville	27.70 6 P	P	00 31 51.1 -1.5
SHPR	Sheep Range	27.86 322 eP	P	00 31 57.2 +2.8
ECSO	EROS Data Cent	27.93 356 P	P	00 31 53.1 -1.6
ECSO	EROS Data Cent	27.93 356 eP	P	00 31 53.0 -1.6
I35A	Creekview Farm	27.98 359 P	P	00 31 52.9 -2.1
BFSC	Mount Baldy Ra	28.05 315 eP	P	00 32 18.4 +2.4
I39A	Houston	28.05 4 P	P	00 31 53.9 -1.8
GSC	Goldstone, Bar	28.11 318 P	P	00 31 55.0 -1.5
I37A	Lemond, Waseca	28.13 1 P	P	00 31 55.0 -1.5
I33A	Coleman	28.25 356 P	P	00 31 56.5 -1.0
PASC	Pasadena Art C	28.37 315 eP	P	00 32 02.2 +3.5
PASC	Pasadena Art C	28.40 6 P	P	00 31 57.1 -1.7
I41A	Arkdale	28.40 6 P	P	00 31 57.1 -1.7
WSHM	Spangler Hills	28.74 318 eP	P	00 32 05.1 +3.1
WSHM	Spangler Hills	28.74 318 eP	P	00 32 24.4 +2.3
H32A	Carlson Farm,	28.75 355 P	P	00 32 00.7 -1.3
H40A	Child	28.90 5 P	P	00 32 01.5 -1.8
CLC	China Lake	28.94 318 eP	P	00 32 01.6 -2.2
MPMC	Manual Propsec	29.01 318 P	P	00 32 05.7 +1.1
SPNM	Marine on St.	29.35 2 P	P	00 32 05.8 -1.4
R11A	Troy Canyon, C	29.37 324 P	P	00 32 08.2 +0.5
G33A	Ortonville	29.37 357 P	P	00 32 05.7 -1.7
G34A	Benson	29.38 358 P	P	00 32 06.1 -1.5
PD31	Pinedale Array	29.97 337 eP	P	00 32 13.3 +0.3
PDAR	Pinedale Array	29.97 337 P	P	00 32 13.3 +0.3
F36A	Milaca	29.98 1 P	P	00 32 11.4 -1.4
E36A	McGregor	30.64 1 P	P	00 32 16.7 -1.9
E34A	Wadena	30.64 359 P	P	00 32 17.4 -1.3
E33A	Westby DABS, E	30.66 357 P	P	00 32 17.9 -0.9
E35A	Pequot Lakes	30.67 360 P	P	00 32 17.5 -1.4
E31A	Nome	30.83 355 P	P	00 32 18.9 -1.4
REDW	Red Top Meadow	30.97 336 eP	P	00 32 21.5 -0.4
SNOW	Snow King Moun	31.02 336 eP	P	00 32 22.9 +0.6
LOHW	Long Hollow	31.09 336 eP	P	00 32 23.8 +0.9
TPAW	Teton Pass	31.12 336 eP	P	00 32 20.2 -3.0
D35A	Remer	31.19 0 P	P	00 32 21.7 -1.8
D34A	Park Rapids	31.21 359 P	P	00 32 22.2 -1.4

720

MOOW	Moose Ponds	31.26 336 eP	P	00 32 22.7 -1.7
FXWY	Fox Creek	31.27 336 eP	P	00 32 24.9 +0.4
D33A	Ann'Sun, Waubun	31.28 358 P		

ASAR Alice Springs 134.32 252 PKP PKPdf 00 45 21.2 -0.1 comp=Z,0.6nm,0.7s,bz=75,slow=2.4,SNR=5.9

LDG 16:00:32:15.8:0.6,37.55N:14.64W,h30km,MI3.4/3,Error ellipse: s-maj=13.2km s-min=9.6km az=34.0, MDD 16:00:32:15.9:0.8,37.12N:14.51W,h30km,mb4.4/23,Error ellipse: s-maj=11.3km s-min=6.0km az=133.0,PRXIMO IGL 16:00:32:16.5:37.08N:14.48W,h29km,ML3.2 CNRM 16:00:32:18.2:37.24N:14.24W,h30km,MD3.7 INMG 16:00:32:19.1:1.8,37.09N:14.49W,h10km,ML3.2,Error ellipse: s-maj=5.1km s-min=2.4km az=126.0 CSEM 16:00:32:21.6:0.3,37.27N:13.91W,h30km,ML3.7/10,Error ellipse: s-maj=5.3km s-min=4.2km az=88.0

ISC 16:00:32:12.8:0.5,37.19N:0.02:14.26W:0.003,h10km,m162, #271/228,Azores-Cape-St. Vincent Ridge

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Rows include stations like Lisbon-Monsan, Lisbon, Vila Bisbo, Porto Santo, Marneleite, etc.

Table with columns: PBEJ, Beja, Time, Res. Rows include stations like Tomar, Casimilho, Estremoz, Barrancos, Marv??o, etc.

Table with columns: MVO, Moncorvo, Time, Res. Rows include stations like Placencia, Mazaricos, Braganca, Calabor, etc.

Table with columns: IDI, S, Sn, 00 35 09.2 -3.0, CLCH, CLCH, eS, IAML, S, Sn, 00 57 47.3 -0.8, KLV, Kalavryta, Ach, 0.79, 8, P, S, Pg, 01 14 56.1 -0.8, 01 15 09.2 -0.4, 01 15 12.1

Table with columns: CLCH, CLCH, eS, IAML, S, Sn, 00 57 47.3 -0.8, KLV, Kalavryta, Ach, 0.79, 8, P, S, Pg, 01 14 56.1 -0.8, 01 15 09.2 -0.4, 01 15 12.1

Table with columns: KLV, Kalavryta, Ach, 0.79, 8, P, S, Pg, 01 14 56.1 -0.8, 01 15 09.2 -0.4, 01 15 12.1

GUC 16:00:53:17.0.0.4, 21°34'S:68°94'W, h106km₂2km, ML3.6, 8C, Chile-Bolivia border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

SJA 16:00:56:59.5.0.8, 32°43'S:72°42'W, h16km₂350km, ML4.0, MW3.9

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

NIED 16:01:07:06.0.3, 36°90'N:144°30'E, h5km, Mw3.7 Best double couple: M4.090000*1014, NP1.9s, 13.00000*, δ15.00000*, λ-1.101.00000*, NP2.3s, 204.00000*, δ75.00000*, λ-67.00000*

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

JMA 16:01:07:06.0.3, 36°79'N:144°28'E, h53km, M3.7, Off east coast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

ATH 16:01:14:41.4, 37°25'N:22°00'E, h10km₂2km, ML3.4/8, Error ellipse: s-maj=2.0km s-min=0.7km az=233.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KARY, SKIA, NEOK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ONAJ, JFW, JFT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SRU, MNX, TX31, etc.

JMA 16 01:41:16.0, 37:13N:140:85E, h7km, M2.2, Eastern Honshu
Code Station Name Az Az2 Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like KST Kastek, MTBS Maibute, BMNS Besmoynak, TKM2 Tokmak 2, etc.

ISC 16 02:47:19.2, 1.2, 29.085, 0.03, 69.04W, 10.03, h39m, 10km, n18, -1513/26, mb3.9, 1C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like VCA Vinchina, LCO Las Campanas, WACH Vallena, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like CPHC Copiapo, CDDH Caldera, RCLS Leoncito, etc.

TIF 16 03:13:20.2, 41.21'N, 44.06'E, h16km DDA 16 03:13:20.1, 41.20'N, 43.99'E, h7km, Md2.7 CSEM 16 03:13:20.3, 0.2, 41.16'N, 44.02'E, h2km, ML1.9, Error ellipse: s-maj=5.2km s-min=2.6km az=159.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like BGD Bogdanovka, KZR Kazreti, EAK Akyaka, etc.

CSEM 16 03:17:32.5, 37.59'N, 19.80'E, h26km, ML1.9/4 ATH 16 03:17:32.5, 37.59'N, 19.80'E, h26km, ML1.9/3, Error ellipse: s-maj=4.0km s-min=1.6km az=95.0, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like ZKS Zakynthos, VLS Valsamata, KFL Anninata, etc.

ISC/JB 16 03:18:51.6, 0.2, 62.65'N, 0.2, 151.13'W, 0.04, h95km, 2km, mb4.2/29, Error ellipse: s-maj=3.2km s-min=2.8km az=22.3

NEIC 16 03:18:52.6, 62.64'N, 151.18'W, h91km, mb4.3/15, After AIC

ISC 16 03:18:53.5, 1.1, 62.82'N, 151.18'W, h94km, 9km, mb3.8/14, mb1.3/9/17, mb1mx3.7/3, mbtmp4.1/17, MS2.9/3, Ms1.2/9.3, ms1mx2.6/37, Error ellipse: s-maj=13.3km s-min=12.7km az=4.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like CUT Chulitna, PPLA Purkeypyle, SKT Skwentna, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like CHUM Lake Minchumin, NCG North Capps Gi, GHO Glory Hole Cre, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like ILAR 65nm, 0.3s, baz=219, 13.5, SNR=14, ILB Eielson Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like ZKS Zakynthos, VLS Valsamata, KFL Anninata, etc.

ISC/JB 16 03:18:51.6, 0.2, 62.65'N, 0.2, 151.13'W, 0.04, h95km, 2km, mb4.2/29, Error ellipse: s-maj=3.2km s-min=2.8km az=22.3

NEIC 16 03:18:52.6, 62.64'N, 151.18'W, h91km, mb4.3/15, After AIC

ISC 16 03:18:53.5, 1.1, 62.82'N, 151.18'W, h94km, 9km, mb3.8/14, mb1.3/9/17, mb1mx3.7/3, mbtmp4.1/17, MS2.9/3, Ms1.2/9.3, ms1mx2.6/37, Error ellipse: s-maj=13.3km s-min=12.7km az=4.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like CUT Chulitna, PPLA Purkeypyle, SKT Skwentna, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like PET, HIA, TIY, HHC, ENH, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like CD2, TSM, SANI, LUWI, KMI, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like SHL, TRTT, MYKOM, WMO, etc.

Table with columns: Station, Frequency, Class, Power, and other parameters. Includes stations like KTH, TRF, ARU, SEW, PMR, etc.

Table with columns: Station, Frequency, Class, Power, and other parameters. Includes stations like SVE, ARU, CAN, SOKR, DLBO, AKTO, etc.

Table with columns: Station, Frequency, Class, Power, and other parameters. Includes stations like MOS, WSAR, O03D, F10A, etc.

16d 3h

Table with columns for station ID, name, coordinates, elevation, and various performance metrics (e.g., 87.76, 44, eP, P, 03 49 20.3 -0.6).

2011 AUG

Table with columns for station ID, name, coordinates, elevation, and various performance metrics (e.g., 89.17, 39, eP, P, 04 12 42.0).

730

Table with columns for station ID, name, coordinates, elevation, and various performance metrics (e.g., 91.27, 37, P, P, 03 49 37.1 0.0).

Table with columns: KSH, 1.4nm, 0.4s, baz=218, slow=6.8, SNR=3.0, Kashi, 36.75 18 eP, P, 03 46 56.0 +4.2, etc.

Table with columns: Error ellipse: s-maj=2.5km s-min=0.5km az=15.0, Central Italy, Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: AGPR, Mayaguez, 0.78 146f eS, Sn, 05 03 17.3 -0.8, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like P44A Sand Creek, M39A Derby Farms, M38A Pleasantville, etc.

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

MEX 16 08:07:14.2.0.7, 15.23N, 95.64W, h26km, 99gkm, MD3.8, Near coast of Oaxaca

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

NIED 16 08:21:00.37.20N, 144.00E, h5km, Mw3.8 Best double couple: Ms5.43000x1014 NP1.5x58.00000, delta.0300000, lambda-61.00000, NP2.2x205.00000, delta.0200000, lambda-107.00000

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

ISK 16 08:02:54.1, 39.06N, 35.96E, h3km, MD2.8 CSEM 16 08:02:55.6, 0.2, 39.05N, 35.92E, h5km, MD2.8, Error ellipse: s-maj=4.3km s-min=3.4km az=174.0

DDA 16 08:02:55.3, 39.06N, 35.90E, h6km, M13.0 ISC 16 08:02:55.4, 4.3, 39.06N, 0.02, 35.93E, 0.02, h5km, gkm, n49, c0570/80, Turkey

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

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEM2 Nemuro 2, NEM2 Nemuro 2, NEM2 Nemuro 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Be, etc.

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

Code Station Name Az Az' Phase ID Time Res ISC

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

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Puerto Ayora, Lajas Array, Junction City, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MEX 16:09:14.07, TGIG, etc.

Text block containing station identifiers and coordinates: MEX 16:09:14.07, 0.3, 15:57N, 93:66W, h16km, 106km, MD3.9, Near coast of Chiapas

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JFK Kawachi, JIO Kuri, JMM Marumori, etc.

Text block containing station identifiers and coordinates: BUC 16:09:38.0, 0.4, 45:30N, 25:16E, h12km, MD2.7, 6C-6D, Error ellipse: s-maj=4.6km s-min=3.6km az=320.0, Romania

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MTUR Matau, VOIR, ARGES, etc.

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

Text block containing station identifiers and coordinates: IDC 16:09:57:10.7, 1.0, 40:14N, 19:68E, h0km, mb3.8/10, mbl 3.8/17, mb1mx3.7/50, mbmp3.7/17, ML3.2/7, MS3.3/1, MS1 3.3/1, ms1mx2.3/46, Error ellipse: s-maj=17.7km s-min=13.1km az=25.0, ATH 16:09:57:13.9, 4.0, 12N, 19:83E, h24km, 1km, ML3.6/9, Error ellipse: s-maj=1.3km s-min=0.9km az=179.0, CSEM 16:09:57:13.4, 0.1, 40:12N, 19:74E, h2km, ML3.6, Error ellipse: s-maj=2.9km s-min=1.6km az=49.0, THE 16:09:57:13.3, 4.0, 14N, 19:73E, h0km, 1km, ML3.7/37, Error ellipse: s-maj=1.7km s-min=0.7km az=277.0, TIR 16:09:57:13.5, 4.0, 13N, 19:82E, h9km, ML3.6, PDG 16:09:57:14.3, 0.6, 40:08N, 19:78E, h18km, 1km, ML3.7/12, Error ellipse: s-maj=0.5km s-min=0.5km az=0.0, ISC 16:09:57:14.3, 1.0, 40:11N, 19:02E, 19:80E, 0.02, h16km, 7km, n311, r1886/466, mb3.9/10, 32C-2D, Albania

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SGD Sagiada, JAN Janina, SCITE Santa Cesarea, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KPRO Kipourio, TIR Tirane, OHR Ohrid, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DSL Palaion Diasel, BIA Bitola, KZN Kozani, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KRUS Krusevo, PDO Prodromos, BIA Bitola, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TARITO Taranto, FASA Fasano, PVO Paravola, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MASS Massafra, DRME Dracevica, MON, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SKO Skopje, BAJ Bari, SERG Sargoula, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VAY Valandovo, BAI Bari, SERG Sargoula, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KALE Kallithea, LAKA Lakka, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ZKS Zakynthos, CEME Cevno, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DRO Drossia, KNT Kendrikon, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SOH Sokhos, TREB Trebinje, etc.

AS31	ASAR	Alice Springs	21.98 165	P	S	11 12 42.0	-7.1
ASAR	comp=Z,3um,0.9s,baz=345,slow=11,SNR=964					11 08 46.1	-2.4
ASAR	comp=Z,338nm,1.0s,baz=342,slow=16,SNR=15					11 12 42.0	-7.2
ASAR	comp=Z,15um,21.5s,baz=352,slow=39					11 18 02.0	
ASAR	comp=Z,0.7nm,0.8s,baz=171,slow=5,0,SNR=7.2					11 42 32.7	
ASO1	Alice Springs	22.00 165	P	P		11 08 47.1	-1.5
SBJI	Serang	22.17 259	P	P		11 08 52.0	+1.4
MTSU	Mount Surprise	22.42 136	P	P		11 08 51.9	-1.3
WRKA	Warukama	22.60 179	P	P		11 08 52.7	-2.5
CGJ1	Cibinong	22.68 258	P	P		11 08 55.2	-0.8
BLSI	Bandar Lampung	22.94 262	P	P		11 09 00.7	+2.0
GUMO	Guam	22.98 46	P	P		11 08 58.3	-0.7
GUMO	comp=Z,493nm,1.0s,baz=198,slow=3.8,SNR=16					11 19 28.4	
GUMO	comp=Z,6um,18.1s,baz=224,slow=41					11 08 59.0	-0.1
GUMO	Guam	22.98 46	P	P		11 08 59.0	-0.1
PMBI	Palembang	23.25 268	P	P		11 09 04.4	+2.6
KLSI	Kalianda	23.38 264	P	P		11 09 05.0	+1.9
DSRI	Dabo	23.52 274	P	P		11 09 05.7	+1.2
XMIS	Christmas Isia	23.66 249	eP	P		11 09 04.4	-1.5
KASI	Kota Agung	23.70 262	P	P		11 09 06.3	+0.1
TPRI	Tanjung Pinang	23.72 277	P	P		11 09 07.9	+1.5
LWLI	Liwa	24.08 263	P	P		11 09 10.7	+0.9
RABL	Rabaul	24.16 95	eP	P		11 09 11.2	+0.7
GIRL	Giralia	24.26 212	P	P		11 09 10.0	-1.2
JMBI	Jambi	24.39 271	P	P		11 09 16.5	+3.9
MYKOM	Kota Tinggi	24.52 279	eP	P		11 09 15.3	+1.6
MYKOM	Kota Tinggi	24.52 279	eP	P		11 09 16.9	+3.1
LHSI	Lahat	24.52 266	P	P		11 09 16.0	+2.2
CTA	Charters Tower	25.08 136	P	P		11 09 18.9	+0.1
CTA	comp=Z,1um,1.4s,comp=Z,29um,comp=Z,28um					11 21 09.7	
CTA	Charters Tower	25.08 136	eP	P		11 09 19.2	+0.4
CTA	comp=Z,1um,1.2s,baz=316,slow=12,SNR=158					11 09 19.2	+0.4
CTA	Charters Tower	25.08 136	eP	P		11 09 19.2	+0.4
CTA	comp=Z,2um,1.3s					11 09 19.2	+0.4
CTA	comp=Z,8um,19.0s					11 09 21.4	+2.5
KGM	Kluang	25.08 280	eP	P		11 09 20.9	+1.7
MNAI	Manna	25.12 265	eP	P		11 09 20.9	+1.7
MNAI	comp=Z,1um,1.6s,comp=Z,35um					11 09 20.9	+1.7
MNAI	Manna	25.12 265	eP	P		11 09 21.4	+1.9
KSI	Kapahiang	25.44 266	P	P		11 09 23.1	+2.0
MASI	Maura Aman, Be	25.78 268	P	P		11 09 23.5	-2.0
MEEK	Meekatharra	25.83 200	P	P		11 09 23.2	-2.7
SWG	Pinang	25.88 345	eP	S		11 13 56.9	+3.5
SWG	comp=Z,2um,0.9s					11 09 29.8	+2.6
SWG	comp=Z,20um,20.0s					11 09 27.8	-2.7
KTMG	Kuala Trengganu	26.00 287	eP	P		11 09 29.8	+2.6
YULB	Yuli	26.37 346	eP	P		11 09 29.8	-2.7
YULB	comp=Z,266nm,0.8s					11 09 29.8	-2.7
YULB	comp=Z,3um,20.0s					11 09 29.9	-1.3
TPUB	Ta-pu	26.45 345	eP	P		11 09 34.6	+1.7
SDSI	Sungai Dareh	26.63 272	P	P		11 09 32.9	-1.7
SSLB	Suaglung	26.83 346	eP	P		11 09 38.3	+2.4
SSLB	comp=Z,498nm,0.9s					11 09 36.0	+0.1
SSLB	comp=Z,7um,22.0s					11 09 44.0	+1.6
FRIM	Kepong	26.97 282	eP	P		11 09 43.8	+1.0
YOJ	Yonaguni jima	27.05 350	eP	P		11 09 53.8	+0.3
YOJ	comp=Z,1um,1.4s					11 14 25.1	+2.2
YOJ	Yonaguni jima	27.05 350	eP	P		11 14 47.5	+6.7
YOJ	comp=Z,1um,1.4s					11 09 40.5	-0.8
NACB	Ninganchiao	27.05 347	eP	P		11 09 42.7	+1.1
BKNI	Bangkitang	27.12 275	P	P		11 09 44.0	+1.6
BKNI	comp=Z,444nm,1.3s,comp=Z,12um					11 09 43.8	+1.0
BKNI	Bangkitang	27.12 275	eP	P		11 09 43.8	+1.0
YHNB	Yehng	27.58 347	eP	P		11 09 40.5	-0.8
YHNB	comp=Z,677nm,1.2s					11 09 42.7	+1.1
PDSI	Padang	27.60 272	P	P		11 09 44.0	+1.6
PDSI	comp=Z,264nm,1.0s,comp=Z,4um					11 09 43.8	+1.0
PPI	Padang Panjang	27.69 273	P	P		11 09 43.8	+1.0
QIZ	Qiongzong	27.74 321	eP	P		11 09 53.8	+0.3
QIZ	comp=Z,382nm,1.8s,comp=Z,8um					11 14 25.1	+2.2
QIZ	Qiongzong	27.74 321	eP	P		11 14 47.5	+6.7
QIZ	comp=Z,99nm,1.2s					11 09 46.0	-1.8
QIZ	comp=Z,4um,20.7s					11 09 46.0	-1.8
QIZ	comp=Z,5um,25.8s					11 09 46.0	-1.8
QIZ	comp=Z,7um,28.8s					11 09 46.0	-1.8
QIZ	comp=Z,306nm,1.3s					11 09 46.0	-1.8
QIZ	comp=Z,5um,22.0s					11 09 46.0	-1.8
IPM	Iph	27.82 284	eP	P		11 09 45.3	+1.7
TATO	Taipel	27.85 347	eP	P		11 09 43.3	-0.3
HKC	Hong Kong Obse	27.95 332	eP	P		11 09 45.0	+0.4
PPSI	Pulau Pagai	28.00 268	P	P		11 09 46.1	+0.9
MCO	Morawa	28.96 202	P	P		11 09 49.0	+3.1
FORT	Forrest	28.10 331	P	P		11 09 45.8	-2.0
FORT	Forrest	28.32 180	eP	P		11 09 46.0	-1.8
FORT	comp=Z,8um,0.8s					11 09 46.0	-1.8
FORT	comp=Z,139um,21.0s					11 09 48.7	+0.4
UBPT	Khong Chiam	28.35 309	P	P		11 09 49.9	+1.4
KULM	Kulim	28.38 285	eP	P		11 09 50.6	+2.0
KULM	comp=Z,410nm,1.2s					11 09 49.9	-0.4
KULM	Kulim	28.38 285	eP	P		11 09 49.9	-0.4
OZH	Quanzhou	28.59 342	eP	P		11 14 29.9	-6.2
OZH	comp=Z,2um,0.9s					11 09 46.0	-1.8
OZH	comp=Z,2um,17.7s					11 09 46.0	-1.8
OZH	comp=Z,9um,17.7s					11 09 46.0	-1.8
OZH	comp=Z,12um,25.6s					11 09 51.8	+1.1
MNSI	Mandailing Nat	28.62 276	P	P		11 09 50.1	-1.3
QLP	Quilpie	28.71 149	P	P		11 09 52.4	-1.2
MORW	Morawa	28.96 202	P	P		11 09 54.3	+0.7
JOW	Kunigami	28.97 0	P	P		11 20 54.5	
JOW	comp=Z,228nm,0.8s,baz=183,slow=6,1,SNR=33					11 09 54.2	+0.7
JOW	comp=Z,7um,21.2s,baz=178,slow=35					11 09 54.2	+0.7
JOW	comp=Z,596nm,1.3s					11 09 54.2	+0.7

JOW	comp=Z,7um,18.0s					11 09 56.4	+2.3
GZH	Guangzhou	29.02 331	eP	P		11 10 54.4	-5.7
GZH	comp=Z,3um,4.0s					11 14 45.6	+2.8
KMBL	Kambalda	29.49 191	P	P		11 09 56.1	-2.1
PSI	Prapat	29.54 280	eP	P		11 09 58.9	-0.1
PSI	comp=Z,140nm,0.8s					11 13 05.0	
PSI	Prapat	29.54 280	eP	P		11 09 59.0	-0.1
CHBT	Chibit	29.58 301	P	P		11 10 00.4	+1.2
BLDU	Bailidu	30.13 200	P	P		11 10 02.1	-1.8
SKNT	Sakolnakorn	30.50 310	P	P		11 10 07.7	+0.3
GSI	Gunungsitoli	30.66 276	P	P		11 10 09.3	+0.5
GSI	comp=Z,169nm,1.7s,comp=Z,5um					11 10 08.8	-0.1
GLBR	Kellerberrin	30.71 197	P	P		11 10 07.2	-1.8
KCSI	Kotacane, Aceh	30.80 281	P	P		11 10 10.4	+0.4
PATY	Pattaya	30.92 300	P	P		11 10 12.3	+1.2
RMQ	Roma	31.21 142	P	P		11 10 12.7	-0.8
BBOO	Bucklebo	31.27 167	eP	P		11 10 11.9	-1.9
BBOO	comp=Z,195nm,1.0s,comp=Z,4um					11 10 12.0	-1.9
TPTI	Tipton	31.33 280	P	P		11 10 15.6	+0.9
CHAI	Chaiyaphum	31.47 306	P	P		11 10 16.5	+0.6
PATS	Polihne	31.55 73	eP	P		11 10 18.0	+1.3
PATS	comp=Z,323nm,0.9s					11 10 14.8	-1.9
PATS	Pohpei	31.55 73	eP	P		11 10 14.8	-1.9
PATS	comp=Z,253nm,1.0s					11 10 18.8	+0.1
PATS	comp=Z,10um,22.0s					11 10 19.7	0.0
NONG	Nongkai	31.79 311	P	P		11 10 18.6	-1.1
EIDS	Eidsvold	31.92 138	eP	P		11 10 18.6	-1.1
EIDS	comp=Z,455nm,1.3s					11 10 21.8	+1.7
LHMI	Lhok Sumawe	31.95 284	P	P		11 10 22.0	+1.9
LHMI	comp=Z,737nm,1.1s,comp=Z,1um					11 10 19.4	-1.6
LHMI	Lhok Sumawe	31.95 284	eP	P		11 10 19.4	-1.6
STKA	Stephens Creek	32.07 158	eP	P		11 25 13.7	
STKA	comp=Z,455nm,1.0s,baz=333,slow=8.9,SNR=226					11 19 19.4	-1.6
STKA	Stephens Creek	32.07 158	eP	P		11 19 15.5	-1.5
STKA	comp=Z,10um,18.1s,baz=330,slow=40					11 19 17.6	-1.6
STKA	Stephens Creek	32.07 158	eP	P		11 19 15.5	-1.5
STKA	comp=Z,162nm,1.3s					11 19 17.6	-1.6
NWAO	Narogin (SRO)	32.11 197	P	P		11 10 19.7	-1.6
NWAO	comp=Z,2um,19.0s					11 10 20.0	-1.3
NWAO	Narogin (SRO)	32.11 197	P	P		11 10 20.0	-1.3
NWAO	comp=Z,168nm,0.9s,baz=255,slow=8.2,SNR=63					11 10 20.0	-1.3
NWAO	Narogin (SRO)	32.11 197	P	P		11 10 20.0	-1.3
NWAO	comp=Z,32,SNR=26					11 10 19.7	-1.6
NWAO	Narogin (SRO)	32.11 197	eP	P		11 10 19.7	-1.6
NWAO	comp=Z,110nm,0.7s					11 10 19.7	-1.6
NWAO	Narogin (SRO)	32.11 197	eP	P		11 10 22.5	-0.5
CBJI	Chichi jima	32.26 24	eP	P		11 10 23.5	+0.5
MLSI	Miebooh, Aceh	32.28 282	P	P		11 10 30.0	+5.6
COCO	West Island	32.43 251	P	P		11 10 24.8	-0.2
COCO	comp=Z,6um,20.0s					11 10 25.0	0.0
HNR	Honiara	32.50 104	P	P		11 11 48.0	+9.1
HNR	comp=Z,332nm,0.9s,baz=234,slow=3.1,SNR=16					11 10 24.8	-0.2
HNR	Honiara	32.50 104	eP	P		11 10 25.9	+0.9
HNR	comp=Z,380nm,0.9s					11 10 24.8	-0.2
HNR	Honiara	32.50 104	eP	P		11 10 24.8	-0.2
HNR	comp=Z,320nm,0.9s					11 10 24.8	-0.2
HNR	Honiara	32.50 104	eP	P		11 10 24.8	-0.2
HNR	comp=Z,332nm,0.9s,baz=234,slow=3.1,SNR=16					11 10 24.8	-0.2
HNR	Honiara	32.50 104	eP	P		11 10 24.8	-0.2
HNR	comp=Z,332nm,0.9s,baz=234,slow=3.1,SNR=16					11 10 24.8	-0.2
HNR	Honiara	32.50 104	eP	P		11 10 24.8	-0.2
HNR	comp=Z,332nm,0.9s,baz=234,slow=3.1,SNR=16					11 10 24.8	-0.2
HNR	Honiara	32.50 104	eP	P		11 10 24.8	-0.2
HNR	comp=Z,332nm,0.9s,baz=234,slow=3.1,SNR=16					11 10 24.8	-0.2
HNR	Honiara	32.50 104	eP	P		11 10 24.8	-0.2
HNR	comp=Z,332nm,0.9s,baz=234,slow=3.1,SNR=16					11 10 24.8	-0.2
HNR	Honiara	32.50 104	eP	P		11 10 24.8	-0.2
HNR	comp=Z,332nm,0.9s,baz=234,slow=3.1,SNR=16						

16d 11h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SBA, SML, MDM, WRH, etc.

2011 AUG

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MCK, SML, MDM, WRH, etc.

746

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LVZ, MMAI, EIL, etc.

16d 11h

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like W13A Hualapai Mount, EKA Eskdalemuir Ar, ESK Eskdalemuir, etc.

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Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like E31A Nome, A33A Warroad, AGMN Agassiz Nation, etc.

748

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like J35A Milford, N33A J Bar K, Exete, L34A Svendsen Farm, etc.

Table with columns: ID, Name, Address, Date, Time, Status, and other details. Includes entries like TOB3, WMOK, WMOK, etc.

Table with columns: ID, Name, Address, Date, Time, Status, and other details. Includes entries like PTEO, Sao Teotonio, JWFS, etc.

Table with columns: ID, Name, Address, Date, Time, Status, and other details. Includes entries like W39A, Magazine, U40A, etc.

16d 12h

Table with columns: Station Name, Frequency, Power, Status, Direction, Time, Azimuth, Elevation, etc. Includes stations like Paso Flores, Newcomb, Swanee, etc.

2011 AUG

Table with columns: Station Name, Frequency, Power, Status, Direction, Time, Azimuth, Elevation, etc. Includes stations like Sao Paulo, Sao Paulo, Sao Paulo, etc.

750

Table with columns: Station Name, Frequency, Power, Status, Direction, Time, Azimuth, Elevation, etc. Includes stations like Orhanelli, Orhanelli, Orhanelli, etc.

s-min=1.7km az=103.0
 JMA 16 12:42:58.0, 0.2, 38.20N; 143.69E, h36km, M5.0
 JMA Felt 1 J1.
 ISCJB 16 12:42:59.9, 0.2, 38.16N; 143.46E; 0.02, h22km,
 mb4.8/168, MS4.6/44, Error ellipse: s-maj=3.7km
 s-min=2.1km az=151.8
 BUJ 16 12:43:00.8, 38.27N; 142.93E, h6km, mb5.0/72, mb5.0/47,
 Ms4.8/72, Ms7.4/6/65
 NEIC 16 12:43:01.8, 1.8, 38.07N; 143.49E, h26km; 12km, mb4.8/96,
 Error ellipse: s-maj=5.5km s-min=4.0km az=136.0
 NEIC Recorded [1 JMA] in Fukushima and Miyagi.
 GCMT 16 12:43:01.8, 0.4, 38.23N; 143.64E; h12km, MW5.0/80,
 Moment Tensor Solution, s5c5: s80, c113; Duration: 0
 Moment tensor: Scale 10¹⁶Nm; M₁-0.1±1.8;
 M₂-2.3±1.5; M₃-2.4±1.3; M₄-1.4±4.6; M₅-2.9±1.2;
 M₆-0.08±.44; Best double couple: M4.02600x10¹⁶
 NP1: 69.00000°, 683.00000°, λ-19.00000°. NP2:
 69.162.00000°, 671.00000°, λ-173.00000°. Principal axes:
 T 3.8970, Plg8.0000°, Azm117.0000°; N 0.2570,
 Plg70.0000°, Azm230.0000°; P -4.1540, Plg18.0000°,
 Azm24.0000°; nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s.
 MOS 16 12:43:03.1, 1.3, 38.46N; 143.38E, h36km, mb5.0/63,
 MS4.3/21 Error ellipse: s-maj=7.6km s-min=4.8km
 az=113.1

ISC 16 12:43:01.0-0.5, 38.15N; 143.64E; 0.04, h23km, 2km,
 h24km; p-P, n422, c2511/474, mb4.8/179, MS4.7/44,
 27C-18D, Off east coast of Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
OFUJ	Ofunato	1.80	302	Op	12 43 27.8	-2.8
JIO	Ouri	1.82	280	P	12 43 27.8	-2.8
JIO				S	12 43 50.4	-2.9
MIYJ	Miyakonagasawa	2.01	316	P	12 43 30.3	-3.2
MIYJ				S	12 43 54.6	-3.3
JMK	Ichinoseki	2.06	294	P	12 43 31.8	-2.3
JCM	Onasama	2.26	307	P	12 43 34.8	-2.2
JOU	Okura	2.35	276	P	12 43 36.6	-1.6
JYK	Kaneyama	2.68	288	P	12 43 41.1	-1.6
JFT	Otama	2.69	257	P	12 43 41.6	-1.2
JFT				eS	12 44 12.9	-1.7
JANG	Nango	2.77	324	P	12 43 40.9	-3.0
JNO	Hitachi	2.88	239	P	12 43 42.1	-3.1
JNS	Sasagawa	3.43	266	P	12 43 52.2	-0.8
JAW	Awa shima	3.46	276	P	12 43 52.6	-0.9
JAG	Ashikaga	3.75	244	P	12 43 56.0	-1.5
JAG				eS	12 44 38.4	-2.5
JHK	Hiroka	3.77	258	P	12 43 56.7	-1.0
JOT	Ohata	4.79	329	P	12 43 56.9	-1.2
ERM	Erimo	3.88	355	P	12 43 55.9	-3.3
BSO1	Boso 1	4.09	212	P	12 43 58.4	-3.2
BSO4	Boso 4	4.12	221	P	12 44 00.1	-2.3
JNBK	Urakawa-nobuka	4.18	351	P	12 44 00.8	-2.5
JKB	Kayabe	4.24	333	P	12 44 03.4	-0.7
JSD	Sado	4.24	270	P	12 44 02.7	-1.5
JGK	Kuni	4.28	250	P	12 44 05.2	+0.4
JRY	Ryogami san	4.34	242	P	12 44 03.6	-2.0
JRY				S	12 44 51.8	-3.7
JCH	Churui	4.47	357	P	12 44 03.8	-3.4
JCH				eS	12 44 51.8	-3.7
JNN	Nakama	4.47	258	P	12 44 07.4	+0.1
MJAR	Matsushiro Arr	4.61	251	Pn	12 44 09.0	-0.3
MJAR				S	12 44 59.4	-2.7
MJAR		28nm, 0.3s, baz=72, slow=12, SNR=212		Sn		
MJAR		28nm, 0.3s, baz=37, slow=15, SNR=48		Sn		
MAJO	Matsushiro	4.61	251	d P	12 44 09.1	-0.2
MAJO	Matsushiro	4.61	251	ePn	12 44 09.6	+0.3
MAJO				eSn	12 44 59.3	-2.8
MAT	Matsushiro	4.61	251	P	12 44 09.0	-0.3
MAT				eS	12 45 01.7	-0.4
MAT	Matsushiro	4.61	251	P	12 44 09.5	+0.2
MJB8	Matsu-Tunnel	4.61	251	ePn	12 44 09.7	+0.3
JOD2	Odawara 2	4.65	233	P	12 44 07.3	-2.5
JOD2				S	12 44 58.7	-4.4
JNG	Nsakai	4.74	250	P	12 44 10.9	-0.3
AJ1	Ajiro 2	4.79	231	P	12 44 08.8	-2.9
JIM2	Oshima 3	4.82	226	P	12 44 08.7	-3.4
JNT	Shimob	4.87	239	P	12 44 11.7	-1.1
JYT	Takato	4.95	244	P	12 44 13.0	-0.2
JSZ	Suzu	5.02	264	P	12 44 14.1	-0.7
SHZ3	Shizuoka 3	5.34	236	P	12 44 18.4	-0.9
JKO	Kozu shima	5.37	224	P	12 44 16.6	-3.1
JNY	Yasuok	5.41	241	P	12 44 20.1	-0.2
JYWZ	Yoshizawa	5.70	238	P	12 44 23.0	-1.2
HMMU	Hamamatsu 2	5.79	237	P	12 44 24.3	-1.1
JAO	Obara	5.87	243	P	12 44 25.9	-0.8
JHJ2	Mitsune	5.91	213	ePn	12 44 23.9	-3.2
JHJ2				eSn	12 45 27.7	-6.4
JHJ	Hachijo jima 2	5.92	213	Pn	12 44 24.3	-3.8
JHJ		332nm, 0.3s, baz=352, slow=19, SNR=61		Sn		
JHJ		235nm, 0.3s, baz=100, slow=22, SNR=6.6		Sn		
INU	Inuyama	6.00	244	ePn	12 44 28.5	+0.1
ASAJ	Asahikawa	6.01	353	ePn	12 44 26.5	-2.0
ASAJ				S	12 45 39.5	-3.0
JGM	Miyama	6.06	248	ePn	12 44 29.0	-0.1
YUK	Yuzh-Kuril'sk	6.12	151	eP	12 44 25.3	-4.6
JKG	Kaga	6.12	254	P	12 44 31.2	+1.2
JIE	Ise	6.14	238	P	12 44 37.0	-1.4
JKN2	Miekiyoku	7.72	239	P	12 44 43.1	-0.5
KUR	Kuril'sk	7.75	23	eP	12 44 24.3	-4.4
KUR				eS	12 46 09.8	-1.0
KUR		comp=Z, 517nm, 3.1s		pmx		
KUR		comp=Z, 144nm, 0.8s		smx		
KUR		comp=N, 490nm, 0.5s		smx		
KUR		comp=E, 161nm, 0.4s		smx		
KUR		comp=E, 874nm, 3.6s		smx		
KUR		comp=N, 836nm, 3.1s		MLR		
KUR		comp=Z, 3μm, 12.0s		MLR		
YSS	Yuzh-Sakhalins	8.82	356	eP	12 45 04.0	-3.0
YSS				S	12 46 39.8	-5.9
YSS		comp=Z, 20nm, 1.0s		pmx		
YSS		comp=N, 20nm, 1.1s		smx		
YSS		comp=N, 60μm, 1.2s		MLR		
YSS		comp=Z, 3μm, 16.0s		MLR		
YSS		comp=N, 3μm, 15.0s		MLR		
YSS	Yuzh-Sakhalins	8.82	356	ePn	12 45 05.2	-1.9
VLA	Vladivostok	10.21	303	eP	12 45 27.3	+1.2
MSHR	Mys Shulitsa	10.50	299	eP	12 45 29.4	-0.6
USRK	Ussuriysk Ar.	10.65	308	Pn	12 45 32.5	+0.4
USRK		comp=N, 2.4nm, 0.3s, baz=116, slow=15, SNR=53		LR		
USRK		comp=N, 2μm, 19.5s, baz=112, slow=36		LR		
CBJ	Chichi jima	11.09	187	ePn	12 45 21.4	-6.7
JNU	Nakatsue	11.52	248	Pn	12 45 42.6	-1.6
JNU		comp=N, 0.9nm, 0.3s, baz=55, slow=10.0, SNR=11		LR		
JNU		comp=N, 12nm, 19.1s, baz=54, slow=39		LR		
JNU	Nakatsue	11.52	248	ePn	12 45 43.5	-0.6
HABR	Khabarovsk	12.06	332	eP	12 45 47.6	-3.7
HABR				eS	12 47 59.2	-5.7
HABR		comp=Z, 7.0nm, 0.8s		pmx		
HABR				MLR		
MDJ	Mudanjiang	12.36	306	P	12 45 55.0	-0.5
MDJ				S	12 48 13.0	+0.6
MDJ				ScP	12 55 08.8	+1.5
MDJ				ScS	12 58 46.9	+3.7
MDJ		comp=Z, 52nm, 0.8s		pmx		
MDJ		comp=Z, 110nm, 3.8s		pmx		
MDJ		comp=Z, 2μm, 21.4s		LR		

MDJ	comp=Z, 2μm, 19.3s	LR	LR			
MDJ	comp=Z, 2μm, 18.7s	LR	LR			
MDJ	Mudanjiang	12.36	306	ePn	12 45 55.7	+0.2
KSR	Korea Array	12.45	272	Pn	12 45 58.0	+1.3
KSR		comp=Z, 1.3nm, 0.3s, baz=91, slow=13, SNR=40		LR		
KSR				LR		
KS15	Wanji Array	12.48	272	ePn	12 45 58.0	+0.8
TYV	Tymovskoe	12.73	357	eP	12 45 58.8	-1.7
TYV				S	12 48 14.0	-7.4
TYV		comp=Z, 18nm, 0.8s		smx		
TYV		comp=E, 500nm, 7.0s		MLR		
TYV		comp=N, 3μm, 16.0s		MLR		
TYV		comp=Z, 4μm, 16.0s		MLR		
INCN	Inchon	13.46	272	ePn	12 46 09.9	-0.7
KLR	Kul'dur	14.00	326	Pn	12 46 14.3	-3.5
KLR		comp=Z, 0.6nm, 0.3s, baz=130, slow=12, SNR=42		LR		
CN2	Changchun	14.84	298	eP	12 46 28.8	-0.5
CN2				eS	12 46 38.0	+3.0
CN2				S	12 49 12.5	-0.5
CN2		comp=Z, 10.0nm, 0.8s		pmx		
CN2		comp=Z, 2μm, 13.0s		LR		
CN2		comp=Z, 1μm, 13.0s		LR		
SKR	Severo-Kuril's	15.35	31	eP	12 46 43.6	+3.1
SKR				S	12 49 20.5	-4.7
SKR		comp=Z, 1μm, 16.0s		MLR		
SKR		comp=Z, 2μm, 19.0s		MLR		
SNY	Shenyang	15.80	290	P	12 46 46.8	+1.2
SNY				S	12 49 53.6	+3.1
SNY		comp=Z, 28nm, 0.5s		pmx		
SNY		comp=Z, 170nm, 4.3s		pmx		
SNY		comp=N, 930nm, 12.1s		LR		
SNY		comp=E, 2μm, 16.0s		LR		
SNY		comp=Z, 3μm, 14.7s		LR		
JOW	Kunigami	17.16	233	P	12 46 57.8	-1.4
JOW		comp=Z, 1.0nm, 0.3s, baz=24, slow=4.5, SNR=6.1		LR		
JOW		comp=Z, 591nm, 20.4s, baz=72, slow=38		LR		
JOW		comp=Z, 591nm, 20.4s, baz=72, slow=38		LR		
PEAO	Petrovavlovsk	17.85	29	ePn	12 47 07.2	-0.5
PETK	Petrovavlovsk	17.85	29	Pn	12 47 07.2	-4.5
PETK		comp=Z, 0.1nm, 0.3s, baz=200, slow=7.1, SNR=3.0		LR		
PETK		comp=Z, 427nm, 21.7s, baz=216, slow=37		LR		
PEA1	Petrovavlovsk	17.86	29	Pn	12 47 03.2	-4.5
PET	Petrovavlovsk	18.16	30	eP	12 47 12.6	+1.1
PET				S	12 50 29.9	-3.3
PET		comp=Z, 19nm, 1.3s		MLR		
PET		comp=Z, 1μm, 19.0s		MLR		
PET		comp=Z, 900nm, 14.0s		MLR		
HIA	Hailar	20.45	311	eP	12 47 34.5	-2.2
HIA		comp=Z, 22nm, 0.9s		pmx		
HIA		comp=Z, 22nm, 0.9s		P	12 47 34.5	-2.2
HIA		comp=Z, 22nm, 0.9s		P	12 47 42.8	-2.0
TIA	Tai'an	21.19	273	P	12 51 31.0	-8.3
TIA				S		
TIA		comp=Z, 30nm, 0.9s		pmx		
TIA		comp=Z, 290nm, 4.5s		pmx		
TIA		comp=Z, 2μm, 14.0s		LR		
TIA		comp=Z, 1μm, 14.5s		LR		
TIA		comp=Z, 1μm, 14.0s		LR		
BJI	Beijing	21.37	284	P	12 47 44.3	-2.3
BJI				S	12 51 42.8	+0.1
BJI		comp=Z, 28nm, 0.8s		pmx		
BJI		comp=Z, 1μm, 13.8s		LR		
BJI		comp=Z, 1μm, 13.2s		LR		
BJT	Baijiatou	21.37	284	eP	12 47 44.7	-2.0
BJT		comp=Z, 49nm, 0.9s		pmx		
BJT	Baijiatou	21.37	284	eP	12 47 44.7	-2.0
CLNS	Magadan	21.93	10	P	12 47 51.1	-1.4
MA2		comp=Z, 1.12nm, 20.4s, baz=213, slow=36		LR		
MA2		comp=Z, 1.12nm, 20.4s, baz=213, slow=36		LR		
CLNS	Magadan	21.93	10	P	12 47 52.6	-1.5
CLNS	Chul'man	22.45	332	eP	12 48 06.0	+1.3
CLNS				e	12 48 18.6	
CLNS				eS	12 51 48.3	
CLNS				eSS	12 52 02.9	-0.9

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like MTPU, KNB, SRU, MALT, U15A, BUR08, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like MYKA, VISS, TAODE, ABTA, JAVS, MOTA, RETA, BFO, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like YASR, YASR, YASR, YASR, YASR, etc.

CSEM 16 12:52:55.0, 39.95N; 15:74E, h7km, MD1.8/8 ROM 16 12:52:55.0, 39.95N; 15:74E, h7km, MD1.8/8, M11.0/3, Error ellipse: s-maj=2.0km s-min=1.2km az=12.0, Southern Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like CUC, CUC, CUC, CUC, CUC, etc.

MEX 16 13:05:31.4±0.5, 15.11N; 93.69W, h16km, 124km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like H08N2, H08N3, H08N1, ZALV, SONM, WRA, etc.

IDC 16 13:51:00.0±1.3, 25.28S; 112.15W, h0km, mb3.8/4, mb1.4/0.5, mb1mx3.8/29, mbtmp3.8/5, ML3.3/1, MS3.7/7, MS1.3/7.7, mb1mx3.5/22, Error ellipse: s-maj=43.9km s-min=27.2km az=38.0

NEIC 16 13:51:01.0±0.9, 25.21N; 115.112W, h10km, mb4.2/2, Error ellipse: s-maj=30.4km s-min=13.7km az=48.0

ISC 16 13:51:01.0±1.4, 25.45S; 102.112W, h0.2, h10km, n2.0, o85E/15, mb4.0/6, MS3.7/7, Easter Island region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like RPN, RPN, RPN, RPN, RPN, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ELBA Catalca, EDINC Edincik, and various other regional stations.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SIGR, SIGRI, RDO, and various other regional stations.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MDVR Moldovita, GRUS Gruda, and various other regional stations.

Table with columns: Station, Frequency, Time, Signal, and other parameters. Includes stations like WRA Warramunga Arr, GUMO Guam, EIDS Eidsvold, etc.

Table with columns: Station, Frequency, Time, Signal, and other parameters. Includes stations like OUZ Omahuta, YULB Yu-Ii, TPUB Taipei, etc.

Table with columns: Station, Frequency, Time, Signal, and other parameters. Includes stations like KSRS, KSRS, KSRS, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like AKAS, IMMV, Iera Moni Meta, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CAIG, ACX, AXC, ZICG, etc.

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

ISCJB 16 18:42:00.1-0.8, 13.56N, 0.08-120.61E, 0.08, h149km, 5km, mb3.5/8, Error ellipse: s-maj=14.8km, s-min=9.1km, az=43.7.

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

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

ISCJB 16 19:02:49.2, 1.3, 50.21N, 0.03-12.54E, 0.08, h12km, 11km, Error ellipse: s-maj=8.3km, s-min=5.0km, az=9.2.

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

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

DDA 16 19:08:49.6, 39.11N, 29.08E, h7km, Md3.0, ISCJB 16 19:09:50.4, 0.5, 39.12N, 0.04-29.07E, 0.03, h5km, 5km, Error ellipse: s-maj=7.2km, s-min=3.8km, az=170.1.

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

NIED 16 19:26:00.37, 30N, 141.20E, h35km, Mw3.4 Best double couple: Mo1.37000, NP2=213.0000, delta6.0000, lambda-116.0000.

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

NIED 16 19:35:00, 40.20N, 142.40E, h41km, Mw5.4 Best double couple: Mo1.41000, NP1=169.0000, delta2.0000, lambda5.0000.

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

GCMT 16 19:35:19.0, 0.9, 40.20N, 142.37E, h47km, mb5.6/54, MS5.1/45 Error ellipse: s-maj=5.6km, s-min=3.6km, az=98.2.

Large table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like JTH, JTH, JANG, JANG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NVS, KKM, TSM, CMPI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SATY, FYU, FID, KLU, PAX, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SOKR, ARU, ARTI, etc.

KIS	comp=Z,200nm,1.4s	75.02 319	ePP	PP	19 49 36.0	-8.3	BR101	Keskin Array S	77.35 312	ePP	P	19 47 10.6	+0.3
KIS	Kishinev	75.02 319	ePS		19 56 55.0		BR101	Keskin Array S	77.35 312	ePP	P	19 50 01.2	-3.2
KIS			eL	L	20 15 00.0		BR131	Keskin Array S	77.35 312	ePP	P	19 47 10.0	-0.2
KIS	comp=Z,2um,21.0s		LRM	MLR	20 22 48.0		BRTR	Keskin Array B	77.35 312	eP	P	19 47 10.6	+0.3
KIS	Kishinev	75.02 319	eP	P	19 46 56.0	-0.6	BRTR	comp=Z,49nm,1.2s,baz=72,slow=4.0,SNR=96				19 50 01.2	-3.2
KIS			eS	S	19 56 30.0	-0.8	BRTR	comp=Z,3.7nm,1.0s,baz=43,slow=5.6,SNR=3.7				20 26 40.6	
KIS			ePS	PnS	19 56 55.0	-1.6	BRTR	comp=Z,478nm,19.6s,baz=42,slow=6.0				19 47 11.0	+0.4
KIS	comp=Z,220nm,1.4s		pmax	pmax			W13A	Hualapai Mount	77.38 55	eP	P	19 47 11.7	+1.6
KIS	comp=Z,400nm,2.3s		MLR	MLR			PGOR	Pogoanele	77.39 319	iP	P	19 47 11.7	+1.3
KIS	comp=Z,2um,21.0s		MLR	MLR			DOPR	Docpa	77.43 320	iP	P	19 47 10.3	-0.5
KIS	comp=Z,2um,20.0s		MLR	MLR			O20A	White River Ci	77.44 48	P	P	19 47 11.0	+0.3
BSD	Bornholm Skovb	75.06 332	iP	P	19 46 56.5	-0.2	O20A	White River Ci	77.44 48	P	P	19 47 11.8	+1.2
BSD	comp=Z,2um,21.0s		MLR	MLR			MLR	Muntele Rosu	77.50 320	eP	P	19 47 11.2	+0.3
BSD	Bornholm Skovb	75.06 332	iP	P	19 46 56.5	-0.2	MLR	Muntele Rosu	77.50 320	eP	P	19 47 11.2	+0.3
BSD	comp=Z,2um,20.0s		pmax	pmax			CMDR	Camliedere-ANKA	77.50 313	iP	P	19 47 12.2	+0.9
BSD	Bornholm Skovb	75.06 332	iP	P	19 46 56.5	-0.2	U15A	North Rim	77.50 53	eP	P	19 47 11.8	+0.7
BSD	comp=Z,110nm,1.3s		MLR	MLR			BCAM	Yeniciga	77.51 313	iP	P	19 47 12.6	+1.0
BSD	comp=Z,2um,20.0s		MLR	MLR			B32A	Ashes, Strandq	77.57 36	P	P	19 47 11.2	-0.4
PSUT	Pine Spring	75.19 52	eP	P	19 46 58.5	+0.4	DRWC	comp=Z,318				19 47 12.6	+1.0
PASC	Pasadena Art C	75.22 58	eP	P	19 46 58.5	+0.4	A33A	Warroad	77.68 35	P	P	19 47 11.2	-0.4
BEL	Belsk	75.25 327	eP	P	19 57 00.2	-2.9	DRWC	comp=Z,318				19 47 13.2	+1.0
BEL	Belsk	75.25 327	eP	SKS	19 46 58.7	+0.9	PDMCI	Parker Dam,Lak	77.73 55	P	P	19 47 12.7	+0.4
BEL	Belsk	75.25 327	eP	SKS	19 46 58.7	+0.9	DRWC	comp=Z,318				19 47 12.7	+0.4
BEL	Belsk	75.25 327	eP	SKS	19 46 58.7	+0.9	DRWC	comp=Z,318				19 47 12.7	+0.4
HAZV	Havza	75.27 312	iP	P	19 46 59.3	+1.0	DRWC	comp=Z,318				19 47 13.1	+0.9
MWC	Mount Wilson	75.28 58	eP	P	19 46 59.3	+0.7	DRWC	comp=Z,318				19 47 10.7	-1.8
MWC	Mount Wilson	75.28 58	eP	P	19 46 59.3	+0.7	DRWC	comp=Z,318				19 47 13.0	+0.5
JLU	Jordanelle	75.31 324	eP	P	19 46 59.6	+1.3	DRWC	comp=Z,318				19 47 13.6	+1.0
LVV	comp=N,700nm,15.0s		MLR	MLR			DRWC	comp=Z,318				19 47 13.6	+1.0
LVV	comp=E,1um,15.0s		MLR	MLR			DRWC	comp=Z,318				19 47 13.6	+1.0
LVV	comp=Z,1um,15.0s		MLR	MLR			DRWC	comp=Z,318				19 47 13.6	+1.0
TOKA	Tokat	75.32 311	eP	P	19 46 59.3	+0.7	DRWC	comp=Z,318				19 47 13.6	+1.0
NLU	North Lily Min	75.34 50	eP	P	19 46 59.3	+0.4	DRWC	comp=Z,318				19 47 13.6	+1.0
CUKAN	kangal_SIVAS	75.39 309	iP	P	19 46 59.3	+0.7	DRWC	comp=Z,318				19 47 13.6	+1.0
GSC	Goldstone, Bar	75.41 56	P	P	19 46 58.7	-0.5	DRWC	comp=Z,318				19 47 13.6	+1.0
GSC	Goldstone, Bar	75.41 56	P	P	19 46 58.7	-0.5	DRWC	comp=Z,318				19 47 13.6	+1.0
GSC	Goldstone, Bar	75.41 56	P	P	19 46 58.7	-0.5	DRWC	comp=Z,318				19 47 13.6	+1.0
MALT	Copenhagen	75.43 333	iP	P	19 46 59.9	+0.8	DRWC	comp=Z,318				19 47 13.6	+1.0
COP	Copenhagen	75.48 333	iP	P	19 46 59.9	+0.8	DRWC	comp=Z,318				19 47 13.6	+1.0
COP	Copenhagen	75.48 333	iP	P	19 46 59.9	+0.8	DRWC	comp=Z,318				19 47 13.6	+1.0
COP	Copenhagen	75.48 333	iP	P	19 46 59.9	+0.8	DRWC	comp=Z,318				19 47 13.6	+1.0
IAS	comp=Z,1um,20.0s		MLR	MLR			DRWC	comp=Z,318				19 47 13.6	+1.0
BOYT	Boyabat	75.51 312	iP	P	19 47 00.6	+1.0	DRWC	comp=Z,318				19 47 13.6	+1.0
BFSC	Mount Baldy Ra	75.52 57	P	P	19 47 01.0	+1.1	DRWC	comp=Z,318				19 47 13.6	+1.0
LEOM	Leova	75.66 319	iP	P	19 47 00.6	+0.3	DRWC	comp=Z,318				19 47 13.6	+1.0
SHPR	Sheep Range	75.68 54	eP	P	19 47 02.9	+2.0	DRWC	comp=Z,318				19 47 13.6	+1.0
AKCD	Akcadag	75.77 308	iP	P	19 47 02.6	+1.3	DRWC	comp=Z,318				19 47 13.6	+1.0
TUQ	Turquoise Mount	75.88 56	P	P	19 47 03.0	+1.0	DRWC	comp=Z,318				19 47 13.6	+1.0
MUD	Monsted U'grnd	75.94 335	iP	P	19 47 02.1	+0.4	DRWC	comp=Z,318				19 47 13.6	+1.0
MUD	Monsted U'grnd	75.94 335	iP	P	19 47 02.1	+0.4	DRWC	comp=Z,318				19 47 13.6	+1.0
MUD	Monsted U'grnd	75.94 335	iP	P	19 47 02.1	+0.4	DRWC	comp=Z,318				19 47 13.6	+1.0
TCRU	Three Creeks R	75.99 51	eP	P	19 47 03.0	+0.3	DRWC	comp=Z,318				19 47 13.6	+1.0
HEC	Hector,Ludlow	76.00 56	P	P	19 47 03.9	+1.3	DRWC	comp=Z,318				19 47 13.6	+1.0
PRAR	RASCA	76.03 321	iP	P	19 47 02.7	+0.2	DRWC	comp=Z,318				19 47 13.6	+1.0
KWP	Kalwaria Pacla	76.04 324	eP	P	19 47 03.4	+1.0	DRWC	comp=Z,318				19 47 13.6	+1.0
KWP	Kalwaria Pacla	76.04 324	eP	P	19 47 03.4	+1.0	DRWC	comp=Z,318				19 47 13.6	+1.0
CUSAR	Sarkisia-SIVAS	76.04 310	iP	P	19 47 03.8	+0.9	DRWC	comp=Z,318				19 47 13.6	+1.0
RGN	Rugen	76.07 332	eP	P	19 47 02.7	+0.3	DRWC	comp=Z,318				19 47 13.6	+1.0
CTAK	Corum_Osmanck	76.08 312	iP	P	19 47 04.0	+0.9	DRWC	comp=Z,318				19 47 13.6	+1.0
CCUT	Cedar City	76.12 53	eP	P	19 47 03.8	+0.3	DRWC	comp=Z,318				19 47 13.6	+1.0
MSU	Marysvale	76.22 51	eP	P	19 47 05.0	+1.0	DRWC	comp=Z,318				19 47 13.6	+1.0
MSU	Marysvale	76.22 51	eP	P	19 47 05.0	+1.0	DRWC	comp=Z,318				19 47 13.6	+1.0
COAL	Corum-Alcaea	76.23 311	iP	P	19 47 04.7	+0.9	DRWC	comp=Z,318				19 47 13.6	+1.0
SZCU	Shurtz Canyon	76.26 52	eP	P	19 47 04.5	+0.3	DRWC	comp=Z,318				19 47 13.6	+1.0
TLCR	Trail Mountain	76.27 318	iP	P	19 47 04.2	+0.4	DRWC	comp=Z,318				19 47 13.6	+1.0
TMUT	Bucovina Ar. S	76.28 52	eP	P	19 47 03.9	+0.2	DRWC	comp=Z,318				19 47 13.6	+1.0
BUR08	Bucovina Array	76.32 322	eP	P	19 47 04.0	+0.2	DRWC	comp=Z,318				19 47 13.6	+1.0
BURAR	Bucovina Array	76.33 322	iP	P	19 47 04.7	+0.4	DRWC	comp=Z,318				19 47 13.6	+1.0
TESR	Tescani	76.43 320	iP	P	19 47 05.1	+0.4	DRWC	comp=Z,318				19 47 13.6	+1.0
P17A	Butcher Ranch,	76.44 50	eP	P	19 47 05.7	+0.6	DRWC	comp=Z,318				19 47 13.6	+1.0
GMRC	Granite Mounta	76.46 56	P	P	19 47 06.1	+0.8	DRWC	comp=Z,318				19 47 13.6	+1.0
ULM	Lac du Bonnet	76.49 34	P	P	19 47 05.3	+0.3	DRWC	comp=Z,318				19 47 13.6	+1.0
ULM	Lac du Bonnet	76.49 34	P	P	19 47 05.3	+0.3	DRWC	comp=Z,318				19 47 13.6	+1.0
ULM	Lac du Bonnet	76.49 34	P	P	19 47 05.3	+0.3	DRWC	comp=Z,318				19 47 13.6	+1.0
ULM	Lac du Bonnet	76.49 34	P	P	19 47 05.3	+0.3	DRWC	comp=Z,318				19 47 13.6	+1.0
MTPU	Mount Pierson	76.52 52	eP	P	19 47 07.1	+1.3	DRWC	comp=Z,318				19 47 13.6	+1.0
LCMT	Little Creek M	76.54 53	eP	P	19 47 06.7	+1.0	DRWC	comp=Z,318				19 47 13.6	+1.0
MDND	Maddock	76.57 38	eP	P	19 47 05.5	+0.0	DRWC	comp=Z,318				19 47 13.6	+1.0
GZT	Gaziantep	76.59 308	iP	P	19 47 06.8	+0.8	DRWC	comp=Z,318				19 47 13.6	+1.0
CFR	Carcaul	76.62 318	iP	P	19 47 05.3	+0.1	DRWC	comp=Z,318				19 47 13.6	+1.0
LDFC	Landfar	76.62 55	eP	P	19 47 05.9	+0.8	DRWC	comp=Z,318				19 47 13.6	+1.0
P18A	Preston Nutter	76.62 49	eP	P	19 47 06.1	-0.3	DRWC	comp=Z,318				19 47 13.6	+1.0
PFO	Pinyon Flats O	76.69 57	eP	P	19 47 05.1	-1.5	DRWC	comp=Z,318				19 47 13.6	+1.0
PFO	Pinyon Flats O	76.69 57	eP	P	19 47 05.1	-1.5	DRWC	comp=Z,318				19 47 13.6	+1.0
K22A	Casper	76.69 45	eP	P	19 47 06.3	-0.2	DRWC	comp=Z,318				19 47 13.6	+1.0
TPFO	Pinon Flats	76.70 57	P	P	19 47 06.4	-0.2	DRWC	comp=Z,318				19 47 13.6	+1.0
BELC	Belle Mtn. Jos	76.74 57	P	P	19 47 07.2	+0.3	DRWC	comp=Z,318				19 47 13.6	+1.0
ODBI	Odobesti	76.75 319	iP	P	19 47 08.3	+1.8	DRWC	comp=Z,318				19 47 13.6	+1.0
KNB	Kanab	76.80 53	eP	P	19 47 08.0	+0.8	DRWC	comp=Z,318				1	

16d 19h

Table with columns for station code, name, frequency, and other details. Includes stations like MMB Musoniste, KAVA Kavala, NVR Nevrokopi, etc.

2011 AUG

Table with columns for station code, name, frequency, and other details. Includes stations like J41A Loganville, K40A Colesburg, EVR Evarania, etc.

766

Table with columns for station code, name, frequency, and other details. Includes stations like Q42A Golden Eagle, U38A Gravette, Z33A White Ranch, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like LZH, LDFC, KNB, KRB, SRU, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like C33A, E32A, B34A, ILULI, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like GYA, EROS Data Cent, Trinidad, etc.

Table with columns for horse name, sire, dam, sex, age, and performance metrics. Includes entries like SOKR, HSIG, Q33A, M35A, etc.

Table with columns for horse name, sire, dam, sex, age, and performance metrics. Includes entries like M39A, JFWS, R35A, PDKG, etc.

Table with columns for horse name, sire, dam, sex, age, and performance metrics. Includes entries like TKM2, Q41A, SLBS, P42A, etc.

434A	Burnet	64.53	72	P	P	20 34 32.9	0.0
533A	Kerrville	64.62	73	P	P	20 34 33.4	-0.2
S44A	Carbone	64.63	61	P	P	20 34 32.5	-0.9
SIUC	Southern Illin	64.64	61	eP	P	20 34 32.6	-0.9
PBMO	Poplar Bluff	64.66	62	eP	P	20 34 33.3	-1.4
Z38A	Mt. Pleasant	64.67	68	P	P	20 34 33.3	-0.5
Y39A	Locksburg	64.68	67	P	P	20 34 33.1	-0.7
335A	Moody	64.69	71	P	P	20 34 33.9	0.0
236A	Katherine and	64.69	70	P	P	20 34 34.0	+0.1
X301	Greenbrier Sit	64.69	65	eP	P	20 34 32.2	-1.7
137A	Heron Place, G	64.70	69	P	P	20 34 33.7	-0.3
WHAR	Woolly Hollow	64.72	65	eP	P	20 34 32.8	-1.3
NONG	Nongkai	64.77	267	P	P	20 34 35.1	+0.6
W41B	Gary Mavity, V	64.82	65	P	P	20 34 33.7	-1.0
V42A	Cord	64.84	64	P	P	20 34 33.2	-1.6
AKTO	Aktuybinsk	64.85	321	P	P	20 34 35.3	+0.7
AKTO	comp=Z,15nm,0.7s,baz=52,slow=7.2,SNR=40				LR		
CRAI	Chiangrai	64.85	271	P	P	20 34 35.5	+0.4
T44A	Genton	64.89	62	P	P	20 34 34.2	-1.0
KSH	Kashi	64.94	302	P	P	20 34 39.8	+4.2
KSH	comp=Z,16nm,1.1s				pmx	pmx	
KSH	comp=Z,31nm,1.4s				LR	LR	
KSH	comp=Z,450nm,13.8s				LR	LR	
KSH	comp=Z,310nm,13.6s				LR	LR	
KSH	comp=Z,1um,23.2s				LR	LR	
336A	Riese	64.95	71	P	P	20 34 35.6	0.0
435B	Jarrell	64.96	72	P	P	20 34 35.9	+0.2
U43A	Recton	64.97	63	P	P	20 34 34.6	-1.1
534A	Blanco	64.98	73	P	P	20 34 35.8	-0.1
633A	Saathoff Ranch	64.98	74	P	P	20 34 35.7	-0.2
X40A	Basin Creek Fa	65.00	66	P	P	20 34 35.0	-0.8
S45A	Carrier Mills	65.01	60	P	P	20 34 35.0	-0.8
PUL	Pulkovo	65.01	3411	eP	pmx	pmx	
AB31	Akbulak array	65.01	319	iP	pmx	pmx	
AB31	comp=Z,6.0nm,0.6s						
ABKAR	Akbulak array	65.01	319	eP	P	20 34 35.9	+0.2
KK31	Karatay array	65.03	309	P	pmx	pmx	
KK31	comp=Z,9.0nm,0.6s						
KKAR	Karatay array	65.03	309	eP	P	20 34 36.1	+0.1
KKAR	Karatay array	65.03	309	eP	P	20 34 36.0	+0.1
138A	Matataly Enter	65.04	68	P	P	20 34 36.4	+0.3
U41R	University of	65.06	65	eP	P	20 34 34.7	-1.5
SKNT	Sakolnakhorn	65.06	266	P	P	20 34 36.9	+0.3
Y40A	Okolona	65.09	66	P	P	20 34 35.6	-0.8
PARMO	Parma	65.11	62	eP	P	20 34 36.0	-0.6
Z39A	Irene McRaven,	65.14	67	P	P	20 34 36.3	-0.4
W42A	Bald Knob	65.16	64	P	P	20 34 35.8	-1.0
X41A	Kaden, Bauxite	65.17	65	P	P	20 34 36.3	-0.6
PLVO	Plevna	65.27	48	eP	P	20 34 35.8	-1.6
U44A	Portageville	65.27	62	P	P	20 34 36.8	-0.8
USIN	University of	65.29	60	eP	P	20 34 36.9	-0.8
V43A	Jonesboro	65.32	63	P	P	20 34 37.2	-0.8
832A	Faith Ranch, C	65.37	75	P	P	20 34 38.7	+0.4
MOL	Molde	65.37	3541	iP	Iamb	Iamb	
MOL	comp=Z,24nm,0.7s						
W42R	White Oak Lake	65.42	66	eP	sP	20 34 51.5	-2.5
139A	Bunkhouse Ranc	65.43	68	P	P	20 34 37.8	-0.9
HBAR	Harrisburg	65.43	63	eP	P	20 34 37.0	-1.6
436A	Wall Ranch, Ga	65.43	71	P	P	20 34 39.2	+0.5
UBPT	Khong Chiam	65.45	263	P	P	20 34 39.9	+0.9
733A	Divot King Ran	65.46	74	P	P	20 34 39.4	+0.5
TRQ	Mont Tremblant	65.50	46	eP	P	20 34 37.1	-1.9
238A	Jacksonville	65.50	69	P	P	20 34 39.1	-0.1
535A	Dale	65.52	72	P	P	20 34 39.6	+0.3
634A	China Grove, S	65.53	73	P	P	20 34 39.8	+0.4
337A	Centerville	65.56	70	P	P	20 34 39.9	+0.3
U44B	Burton Farm, H	65.57	62	P	P	20 34 39.1	-0.5
Z40A	Long Farm, Mag	65.57	67	P	P	20 34 39.4	-0.2
X42A	Stuttgart	65.63	65	P	P	20 34 39.1	-0.8
V44A	Blytheville	65.65	63	P	P	20 34 39.4	-0.6
GLAT	Glass	65.66	62	eP	P	20 34 39.0	-1.1
833A	Chaparral WMA,	65.69	75	P	P	20 34 40.8	+0.4
MYLDM	Lahad Datu	65.71	246	eP	P	20 34 42.0	+1.4
W43A	Forest City	65.75	64	P	P	20 34 39.9	-0.8
437A	Phantom Ranch,	65.77	71	P	P	20 34 41.3	+0.4
536A	Bastrop	65.78	72	P	P	20 34 41.2	+0.2
AKN	Aaknes	65.80	3541	iP	P	20 34 41.0	+0.3
734A	La Parita Cree	65.80	74	P	P	20 34 41.6	+0.5
WCI	Wyandotte Cave	65.82	59	eP	P	20 34 40.2	-1.0
WCI	Wyandotte Cave	65.82	59	eP	P	20 34 40.2	-1.0
UTMT	University of	65.83	62	eP	P	20 34 40.9	-0.3
338A	Crockett	65.87	70	P	P	20 34 41.5	0.0
239A	Gary	65.87	69	P	P	20 34 41.3	-0.2
635A	Leesville	65.87	73	P	P	20 34 42.2	+0.6
U45A	Rockin P Farm,	65.89	62	P	P	20 34 41.0	-0.5
HALT	Halls	65.89	62	eP	P	20 34 41.7	+0.1
CMAI	Chienmai2	65.90	272	P	P	20 34 42.7	+0.7
Z41A	Richland Creek	65.91	67	P	P	20 34 41.1	-0.7
140A	Cam and Jess,	65.93	67	P	P	20 34 41.9	0.0
CCAR	Cane Creek	66.01	65	eP	P	20 34 40.9	-1.5
ACSO	Alum Creek Sta	66.04	55	eP	P	20 34 41.6	-0.9

ACSO	Buffalo	66.04	51	eP	P	20 35 11.9	-0.9
BUF	Garnett, Star	66.06	65	P	P	20 34 42.2	-0.3
Y42A	Marvell	66.07	64	P	P	20 34 41.9	-0.8
X43A	Shillong	66.11	281	iP	P	20 34 45.0	+1.6
SHL	Shillong	66.11	281	iP	P	20 34 45.0	+1.6
ERPA	Erie	66.11	52	eP	P	20 34 43.0	+0.1
MET	Memphis-Engin	66.15	63	eP	P	20 34 42.6	-0.7
W44A	Shelby Farms P	66.20	63	P	P	20 34 43.2	-0.4
438A	Sam Houston St	66.22	70	P	P	20 34 44.6	+0.8
537A	Green Hill Far	66.22	71	P	P	20 34 44.6	+0.8
636A	Smothers Creek	66.22	72	P	P	20 34 44.8	+1.0
V45A	Humboldt	66.23	62	P	P	20 34 43.3	-0.5
735A	Kenedy	66.24	73	P	P	20 34 45.0	+1.1
240A	Hunter Patters	66.26	68	P	P	20 34 44.0	0.0
LMQ	La Malbaie	66.28	42	eP	P	20 34 42.6	-1.3
933A	Laredo	66.28	75	P	P	20 34 45.2	+1.0
KKM	Kota Kinabalu	66.30	248	eP	P	20 34 44.2	-0.4
339A	Huntington	66.32	69	P	P	20 34 44.5	+0.1
834A	Tilden	66.33	74	P	P	20 34 45.8	+1.2
141A	Papa Simpson,	66.33	67	P	P	20 34 44.3	-0.2
Z42A	Norrel Spur, H	66.39	66	P	P	20 34 44.3	-0.5
ALLY	Alegheny Colle	66.39	52	eP	P	20 34 44.5	-0.2
NC303	NORSAR Array S	66.39	351	eP	P	20 34 44.1	-0.3
NC204	NORSAR Subarra	66.40	352	eP	P	20 34 44.1	-0.4
NC401	NORSAR Array S	66.47	351	eP	P	20 34 45.8	0.0
Y43A	Makayla and Ka	66.49	65	P	P	20 34 44.9	-0.5
X44A	Crenshaw	66.49	64	P	P	20 34 44.6	-0.9
FOO	Flopo	66.50	355	eP	Iamb	Iamb	
FOO	comp=Z,17nm,1.1s						
FOO	Hickory Valley	66.53	63	eS	S	20 43 31.3	-1.0
W45A	Waverly	66.55	61	eP	P	20 34 45.0	-0.8
WWT	Waverly	66.55	61	eP	P	20 34 45.0	-0.8
NB201	NORSAR Array S	66.58	351	eP	P	20 34 45.7	0.0
NB2	NORSAR Subarra	66.59	351	eP	P	20 34 45.8	0.0
NB2	NORSAR Subarra	66.59	351	eP	P	20 34 45.8	0.0
NB200	NORSAR Array S	66.59	351	eP	P	20 34 45.8	0.0
NOA	NORSAR Array B	66.59	351	eP	LR	LR	
NOA	comp=Z,19nm,0.6s,baz=11,slow=6.4,SNR=152						
LAMP	Lampang	66.59	270	P	P	20 34 47.5	+1.2
439A	Center Grove,	66.60	70	P	P	20 34 47.7	+0.5
538A	Harpers Horsep	66.60	71	P	P	20 34 47.2	+1.0
736A	Circle Diamond	66.60	73	P	P	20 34 47.6	+1.4
UTTA	Uttaradit	66.61	269	P	P	20 34 46.8	+0.4
NB002	NORSAR Array S	66.61	352	eP	P	20 34 45.2	-0.6
NB000	NORSAR Array S	66.64	352	eP	P	20 34 45.7	-0.4
MMNV	Mt. Morris Dam	66.64	50	eP	P	20 34 45.5	-0.9
835A	Beeville	66.64	74	P	P	20 34 48.2	+1.7
340A	Bronson	66.64	69	P	P	20 34 46.5	0.0
637A	Eagle Lake	66.68	72	P	P	20 34 47.7	+1.0
LONY	Lake Ozonia	66.72	47	eP	P	20 34 44.6	-2.2
M54A	Oil Creek Stat	66.73	52	P	P	20 34 46.5	-0.4
934A	Benavides	66.74	75	P	P	20 34 48.8	+1.7
241A	Mo Tay, Goldon	66.76	67	P	P	20 34 47.2	0.0
CMMT	Chiang Mai	66.80	271	P	P	20 34 47.8	+0.2
CHTO	Chiang Mai	66.80	271	P	P	20 34 47.8	+0.2
CHTO	Chiang Mai	66.80	271	eP	P	20 34 47.9	+0.3
CHTO	Chiang Mai	66.80	271	eP	P	20 34 48.0	+0.3
NA001	NORSAR Array S	66.81	352	eP	P	20 34 46.9	-0.2
Z43A	Armstrong Fami	66.83	65	P	P	20 34 47.1	-0.6
Y44A	Strider, Charl	66.85	64	P	P	20 34 47.2	-0.6
NC602	NORSAR Array S	66.86	351	eP	Iamb	Iamb	
NC602	comp=Z,12nm,0.8s						
NC602	comp=Z,460nm,21.6s				eS	IAMS_20	IAMS_20
NC602	NORSAR Array S	66.86	351	eP	P	20 34 46.5	-0.9
OXF	Oxford	66.89	63	eP	P	20 34 46.5	-1.5
OXF	Oxford	66.89	63	eP	P	20 34 46.5	-1.5
VSU	Vasula	66.92	342	iP	pmx	pmx	
142A	Monroe	66.92	66	P	P	20 34 48.2	0.0
X45A	UM Field Stati	66.96	63	P	P	20 34 47.7	-0.8
N54A	Moraine State	66.98	53	P	P	20 34 48.1	-0.4
MOS	Moscow	67.00	335	eP	P	20 34 46.8	-1.5
MOS	Moscow	67.00	335	eP	P	20 34 46.8	-1.5
MOS	Moscow	67.00	335	eP	P	20 34 57.5	-1.0
MOS	Moscow	67.00	335	eP	P	20 43 55.4	
MOS	comp=Z,60nm,0.8s				pmx	pmx	
MOS	comp=Z,100nm,1.0s				smx	smx	
MOS	comp=E,1um,4.0s				smx	smx	
MOS	comp=N,200nm,3.1s				MLR	MLR	
MOS	comp=N,600nm,20.0s				MLR	MLR	
MOS	comp=E,600nm,20.0s				MLR	MLR	
MOS	comp=Z,800nm,20.0s				MLR	MLR	
FRNY	Flat Rock	67.00	46	eP	P	20 34 46.1	-2.4
034A	Hebbroville	67.04	75	P	P	20 34 50.5	+1.5
SUE	Sulen	67.05	355	eP	P	20 34 47.8	-0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like VTS Vitosha, ANTO Ankara, SSB Saint Sauveur, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SUR Sutherland, SYO Syowa Base, BUI 16 20:24:01.3, etc.

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

16d 20h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like BBGH, OCAC, SVB, ZAM, FDF, etc.

2011 AUG

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like WRAB, BRAL, C2NC, TIP, GOGA, etc.

776

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KSU1, JFWS, PMG, KULM, HNR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Talaya, Sheep Creek Mo, Nakutsue, Denali Highway, etc.

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

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

ISCJB 16:20:28:51.4, 0.8, 5.5N:0.1, 95.1E:0.1, h81km, mb3.8/5, Error ellipse: s-maj=20.2km s-min=7.5km az=43.3

ISC 16:21:29:49.1, 0.6, 53.01N:0.03, 162.29E:0.05, h27km, n62, 1884/88, mb3.8/9, Off east coast of Kamchatka

ISC 16:21:32:19.3, 0.8, 26.1N:0.1, 96.57E:0.08, h35km, n15, e213/18, mb3.7/7, Myanmar

Table with 4 columns: Code, Station Name, Time Res, and other details. Includes entries like 733A Divot King Ran, 337A Centerville, 535A Dale, 833A Chapparral WMA.

1DC 16:22:19.40.2.0.6, 2.45S, 138.40E, h0km, mb4.3/10, mb1 4.5/3, mb1mx4.3/22, mbtmp4.3/13, ML3.9/3, MS3.9/1, Ms1 3.9/1, ms1mx2.9/20, Error ellipse: s-maj=20.4km s-min=15.5km az=86.0

ISJCJB 16:22:19.43.7.0.3, 2.55S, 0.03x138.38E, h0.04, h32km, mb4.6/28, MS3.9/1, Error ellipse: s-maj=5.2km s-min=4.4km az=23.6

NEIC 16:22:19.43.2.2.9, 2.52S, 138.45E, h16km, 18km, mb4.7/25, Error ellipse: s-maj=7.6km s-min=6.4km az=97.0

DJA 16:22:19.45.2.0.7, 2.7S, 13.9E, h13km, 7km, M4.4/7, mb5.0/2, mb4.6/7, MLV4.3/4, Mw(mb)4.3/2

ISC 16:22:19.45.0.4.2, 2.55S, 0.05x138.51E, h0.05, h32km, n74, s=174/82, mb4.6/28, 2.0, Brian Jaya

Main table listing station codes (SMPI, GENI, JAY, etc.), station names (Sarmi, Genyem, Jayapura, etc.), and various time and resolution data.

PGC 16:22:28.24.3.2.8, 59.28N, 144.94W, h1km, ML3.1/9, 219km southeast of Valdez, Ak Gulf Of Alaska

NEIC 16:22:28.25.4.59.31N, 144.99W, h1km, ML3.1(AEIC), After AEIC

ISC 16:22:28.24.6.1.7, 59.29N, 0.06x144.94W, 0.03, h1km, 12km, n82, 0.88/105, Gulf of Alaska

Main table listing station codes (KAIM, MID, SUCK, etc.), station names (Kayak Island, Middleton Isla, Sucking Hills, etc.), and various time and resolution data.

1DC 16:22:29.07.4.2.4, 57.15S, 24.97W, h0km, mb3.9/2, mb1 4.0/2, mb1mx3.7/20, mbtmp3.9/2, Error ellipse: s-maj=19.1km s-min=13.2km az=3

ISJCJB 16:22:29.08.9.1.5, 7.7S, 22.25W, h0.6, h22km, mb3.9/2, Error ellipse: s-maj=4.7km s-min=16.7km az=156.6

ISC 16:22:29.10.7.1.0, 57.2S, 0.2x25.1W, 0.3, h22km, n9, s155/6, South Sandwich Islands

Table listing station codes (VNA3, SNA4, H10S2, etc.), station names (Neumayer Olymp, ASCENSION HYDR48, etc.), and various time and resolution data.

PGC 16:22:32.41.5.1.6, 59.14N, 145.25W, h35km, ML3.2/8, 229km Sse of Valdez, Ak Gulf Of Alaska

NEIC 16:22:32.41.5.1.6, 59.32N, 144.99W, h3km, ML3.1(AEIC), After AEIC

ISC 16:22:32.40.9.1.6, 59.30N, 0.06x144.92W, 0.03, h1km, 11km, n81, 0.87/104, Gulf of Alaska

Table listing station codes (NCHA, HMT, RAGM, etc.), station names (Hamilton, Ragged Mountain, Bering Glacier, etc.), and various time and resolution data.

1DC 16:22:40.25.6.5.4, 22.43S, 173.98W, h0km, mb4.3/3, mb1 4.5/3, mb1mx3.9/21, mbtmp4.3/3, Error ellipse: s-maj=226.4km s-min=51.5km az=143.0, Tonga Islands

Table listing station codes (STKA, ASAR, WRA, AKAS, etc.), station names (Stevens Creek, Alice Springs, Warramunga Arr, Malin Array, etc.), and various time and resolution data.

WEL 16:22:41.56.1.0.0, 43.59S, 172.50E, h11km, ML3.6/19, 3C-2D, Error ellipse: s-maj=0.5km s-min=0.4km az=90.0, South Island

Main table listing station codes (CRLZ, CRLZ, CRLZ, etc.), station names (Canterbury Lass, McQueen's Vall, Oxford, etc.), and various time and resolution data.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like HANSEL VALLEY, KALWARIA PACIA, KEKIN ARRAY S, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like SBTS Esenok-Cinarc, GEMT Gemlik, KCTX Karacabey, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like ALB Albemni, ALB Port Albemni, B927 Port Albemni, etc.

AS31 Alice Springs 86.08 124 eP P 00 48 16.8 -0.9
ASAR Alice Springs 86.08 124 P P 00 48 16.8 -0.9

NEIC 17 00:48:16.3,51.18N:176.47E,h10km,ML3.5(AEIC),After AEIC ,Rat Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SMY Shemya, GAEA Gareloi East, TASE Tanaga Southea, etc.

IDC 17 00:52:21.0,2.2,24.45Sx179.91W,h477km,22km,mb3.6/9, mb1 3.8/10, mb1mx3.5/27, mbtmp4.4/10, Error ellipse: s-maj=23.6km s-min=17.3km az=164.0

ISC/JB 17 00:52:22.5,0.8,24.6S:0.1x180.0W:0.1,h505km,mb3.9/9, Error ellipse: s-maj=19.9km s-min=16.1km az=156.8

ISC 17 00:52:23.3,0.7,24.6S:0.1x179.9W:0.1,h505km,n19, r=138/20,mb4.0/9,1C,South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like DZM Mont Dzumac, URZ Urewera, STKA Stephens Creek, etc.

DJA 17 00:57:20.6,1.2,11N:119.97E,h10km,M3.9/4,MLV3.9/4

IDC 17 00:57:21.9,2.2,11N:96.93E,h0km,mb3.9/6,mb1 4.0/7, mb1mx3.7/46, mbtmp3.9/7,ML4.5/1, Error ellipse: s-maj=25.4km s-min=21.5km az=60.0

ISC/JB 17 00:57:23.2,1.0,11N:0.1:96.88E:0.07,h25km,mb3.9/6, Error ellipse: s-maj=15.2km s-min=9.8km az=17.2

ISC 17 00:57:26.1,1.5,13N:0.1:97.1E:0.1,h25km,n16, r=098/11,mb4.1/6,Northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like GSI Gunungsitoli, TPTI Mandailing Nat, CMAR Chiang Mai Arr, etc.

ISK 17 00:57:54.5,36.89N:29.44E,h5km,MD2.6

CSEM 17 00:57:55.8,0.2,36.89N:29.45E,h2km,MD2.6, Error ellipse: s-maj=5.6km s-min=3.6km az=165.0

ISC/JB 17 00:57:56.2,0.5,36.90N:0.03:29.42E:0.03,h0km, Error ellipse: s-maj=5.1km s-min=3.4km az=161.9

DDA 17 00:57:59.1,36.88N:29.40E,h7km,ML2.9,Suspected Mining explosion

ISC 17 00:57:55.6,0.8,36.89N:0.03:29.49E:0.02,h0km,n33, r=150/52,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like GOLH Golhisar, ELI Elmali, FETI Fethiye-Mugla, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like DALY Dalyan (Mu'ra), KORT Korkuelli, TURN Turunc, etc.

SOME 17 01:00:32.0,42.42N:81.18E,h0km

ISC 17 01:00:31.6,4.0,42.42N:0.1x81.2E:0.2,h10km,n5,r174/9, 1C-2D,Northern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SATY Saty, DJR Jarkent, MNB5 Baschi, etc.

IDC 17 01:02:06.1,0.8,29.40S:176.11W,h0km,mb4.1/7, mb1 4.3/8, mb1mx4.1/24, mbtmp4.1/8,ML3.5/1,MS3.6/6, Ms1 3.6/6,ms1mx3.2/26, Error ellipse: s-maj=34.1km s-min=18.1km az=173.0

ISC/JB 17 01:02:07.0,0.4,29.73S:0.08:176.25W:0.08,h21km, mb4.1/7,MS3.6/6, Error ellipse: s-maj=15.2km s-min=9.2km az=149.4

NEIC 17 01:02:07.0,3.2,29.41S:176.17W,h10km,mb4.6/9, Error ellipse: s-maj=12.4km s-min=7.4km az=176.0

ISC 17 01:02:09.3,0.6,29.60S:0.10:176.21W:0.07,h21km,n36, r=123/33,mb4.5/17,MS3.6/5,Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like RAO Raoul Island, RAO Rarotonga, URZ Urewera, etc.

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

ISK 17 01:10:43.6,39:12N:29:05E, h5km, ML3.0
DDA 17 01:10:43.3,39:12N:29:00E, h14km, M3.0
ISC 17 01:10:44.0,2,39:11N:02:29.03E:0.02, h8km,5km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Turkey and Eastern Honshu.

ISC 17 01:21:19.5,1.6,38:68N:143:09E, h0km, mb3.5/2,
mb1.3/8,3,mb1mx3.4/35,mbtm3.4/3, ML3.2/1, Error
ellipse: s-maj=27.9km s-min=29.3km az=126.0

ISCJB 17 01:21:22.1,1.7,39:10N:0:06:142:43E:0.10, h21km,9km,
mb3.5/2, Error ellipse: s-maj=13.1km s-min=9.6km az=8.4

JMA Felt J1

ISC 17 01:21:22.1,2.5,39:12N:0:06:142:43E:0.09, h10km,15km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Eastern Honshu.

NIED 17 01:30:00.37:90N:142:50E, h29km, Mw3.9 Best double
couple: M7.50000:1014 NP1:266.00000: 848.00000:
7.43.00000: NP2:26.144.00000: 860.00000: 1.30.00000:

NEIC 17 01:30:55.9,2.1,37:89N:142:39E, h26km,15km, mb4.3/4,
Error ellipse: s-maj=11.8km s-min=6.7km az=111.0

JMA 17 01:30:56.4,0.2,37:92N:142:52E, h40km,4km, M4.0
JDC 17 01:30:58.6,2.4,37:93N:142:37E, h46km,23km, mb3.5/9,
mb1.3/8,12,mb1mx3.6/33,mbtm3.8/12, ML3.8/3, MS2.9/4,
s-m1=2.9/4, ms1mx2.7/22, Error ellipse: s-maj=26.8km

ISC 17 01:37:32N:0:04:142:52E:0.06, h8km,10km,

n44, r130/47, mb3.9/14, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Honshu and other regions.

0.3nm,0.5s,baz=18,slow=13,SNR=5.2

GUC 17 01:58:31.4,0.6,33:33S:72:39W, h33km,9km, ML3.2
ISC 17 01:58:30.6,2.0,33:35S:0:04:72:4W:0.1, h17km, n19,

c233/29,2C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for Chile and other regions.

Table of station data for LDFC through LZH, including station names, coordinates, and various parameters.

Table of station data for SNA through SNT, including station names, coordinates, and various parameters.

Table of event data for SANT through GUM, including event names, coordinates, and various parameters.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WAKE ISLAND Hy 28.75 125 T, WAKE ISLAND Hy 28.76 125 T, etc.

CSEM 17 02:45:09.5, 43°35'N, 12°50'E, h9km, MD2.1/21 ROM 17 02:45:05.0-1.1, 43°35'N, 12°50'E, h9km, MD2.1/21, MI1.4/17, Error ellipse: s-maj=0.7km s-min=0.6km az=68.0, Central Az'

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations like ATVO, MURB, ATPC, etc.

NRCA 10.0nm,0.1s Sg Sb 02 45 33.3 +0.1 NRCA Norcia 0.68 138 Pg Pg 02 45 22.6 -0.1 NRCA 10.0nm,0.1s Sg Sb 02 45 33.3 +0.1

ATH 17 02:45:20.3, 37°24'N, 22°00'E, h6km, 3km, ML1.6/9, Error ellipse: s-maj=3.1km s-min=0.7km az=206.0 CSEM 17 02:45:20.5-2.3, 37°24'N, 22°01'E, h2km, ML1.6, Error ellipse: s-maj=2.9km s-min=2.7km az=23.0 THE 17 02:45:20.6, 37°24'N, 22°01'E, h3km, 1km, ML1.8/10, Error ellipse: s-maj=1.5km s-min=0.6km az=202.0, Southern Greece

Main table of station data for the 2011 AUG section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ITM, VLX, AMT, etc.

mb1 3.9/3, mb1mx3.5/32, mbtmp3.6/3, Error ellipse: s-maj=131.4km s-min=28.3km az=125.0, New Britain region Code Station Name Az Az' Phase ID Time Res

Main table of station data for the 788 section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like WRA, ASAR, ILAR, TORO, NIED, etc.

YSS	comp=E,2um,15.0s	MLR	MLR		
YSS	Yuzh-Sakhalins 8.55 2 ePn	Pn		03 07 07.2 +0.3	
MSHR	Mys Shuitsea 9.41 300 j/P	Pn		03 07 20.3 +1.5	
USRK	Ussuriysk Ar. 9.64 310 Pn	Pn		03 07 22.4 +0.5	
USRK	comp=E,0.6nm,0.3s,baz=134,slow=14,SNR=14	LR	LR	03 10 54.1	
JNU	Nakatsue 10.63 244 Pn	Pn		03 07 37.5 +1.9	
JNU	Nakatsue 10.63 244 ePn	Pn		03 07 38.7 +3.2	
CBIJ	Chichi jima 11.28 180 ePn	Pn		03 07 41.9 -2.5	
CBIJ	Mudanjiang 11.32 307 eS	Pn		03 07 48.4 +3.5	
MDJ		Pn		03 09 57.3 +6.8	
MDJ		ScP	ScP	03 13 38.1 0.0	
MDJ		ScP	ScP	03 17 08.5 -0.4	
MDJ		PcS	PcS	03 17 12.6 +0.7	
MDJ		ScS	ScS	03 20 44.8 +0.6	
MDJ	comp=E,17nm,1.2s				
MDJ	comp=E,330nm,9.5s				
MDJ	comp=E,840nm,15.2s				
MDJ	comp=E,1um,17.4s				
MDJ	comp=E,2um,18.9s				
HABR	Khabarovsk 11.33 335 eP	Pn		03 07 43.3 -1.7	
HABR		eS		03 09 48.9 -1.7	
HABR	comp=E,34nm,1.7s				
HABR	comp=Z,63nm,1.7s				
HABR	comp=N,8.0nm,1.4s				
HABR	comp=Z,1um,14.0s				
KSRS	Korea Array 11.35 270 Pn	Pn		03 07 48.1 +2.8	
KSRS	comp=Z,0.9nm,0.3s,baz=79,slow=14,SNR=11	LR	LR	03 11 47.2	
KSRS	comp=Z,1um,19.8s,baz=76,slow=35	LR	LR		
KS01	Wonju Array Si 11.37 270 ePn	Pn		03 07 46.3 +0.7	
KS01		eS		03 09 55.0 +3.3	
KS15	Wonju Array Si 11.38 270 ePn	Pn		03 07 45.5 -0.3	
KS15		eS		03 09 51.1 -0.9	
KSAR	Wonju Array Be 11.38 270 Pn	Pn		03 07 48.2 +2.4	
KSAR	Wonju Array Be 11.38 270 Pn	Pn		03 07 48.1 +2.4	
TYV	Tymovskoe 12.45 1 eP	Pn		03 08 00.5 +0.2	
TYV	comp=Z,44nm,1.0s				
TYV	comp=E,2um,16.0s				
TYV	comp=Z,2um,16.0s				
KLR	Kul'dur 13.19 328 Pn	Pn		03 08 10.4 0.0	
KLR	comp=Z,0.4nm,0.3s,baz=119,slow=12,SNR=7.3	LR	LR	03 13 09.6	
KLR	comp=Z,2um,19.5s,baz=136,slow=37	LR	LR		
KN2	Changchun 13.19 328 eP	Pn		03 08 11.5 +1.1	
KN2		eS		03 08 21.1 +3.0	
KN2		eS		03 08 34.3	
KN2		eS		03 10 53.1 +3.2	
KN2	comp=Z,10.0nm,0.5s				
KN2	comp=Z,200nm,3.0s				
KN2	comp=Z,800nm,16.0s				
KN2	comp=Z,900nm,16.0s				
KN2	comp=Z,800nm,18.0s				
SNY	Shenyang 14.68 289 j/P	P		03 08 38.6 +1.9	
SNY		S		03 11 31.9 +1.0	
NKL	Nikolayevsk 14.78 356 eP	Pn		03 08 29.0 -3.0	
NKL		e		03 11 22.0	
NKL	comp=Z,40nm,1.0s				
NKL	comp=N,1um,15.0s				
NKL	comp=Z,1um,15.0s				
SKR	Severo-Kuril's 15.73 34 j/P	Pn		03 08 45.9 +1.4	
DL2	Dal'ny 16.11 278 j/P	Pn		03 08 51.4 -1.2	
DL2		S		03 11 49.4 +2.1	
DL2	comp=Z,77nm,0.9s				
DL2	comp=Z,1um,19.0s				
JOW	Kunigami 16.46 230 Pn	Pn		03 08 54.6 +0.5	
JOW	comp=Z,0.6nm,0.3s,baz=46,slow=11,SNR=5.1	Pn		03 08 54.7 +0.7	
JOW	Kunigami 16.46 230 ePn	Pn		03 08 54.7 +0.7	
PETK	Petropavlovsk-baz=190,slow=7.3,SNR=6.9	P		03 09 11.8 -3.4	
PETK	comp=Z,502nm,18.3s,baz=215,slow=38	LR	LR	03 16 45.1	
PET	Petropavlovsk 18.50 33 eP	Pn		03 09 20.1 +0.9	
PET		eS		03 12 42.2 -2.9	
PET	comp=Z,125nm,13.8s				
PET	comp=Z,611nm,18.0s				
PET	comp=Z,553nm,15.0s				
PET	Petropavlovsk 18.50 33 eP	Pn		03 09 20.7 +1.5	
TIA	Tai'an 20.08 272 j/P	P		03 09 34.4 -2.0	
TIA		S		03 13 16.5 -4.2	
TIA	comp=Z,20nm,1.2s				
TIA	comp=Z,200nm,4.0s				
TIA	comp=Z,910nm,13.0s				
TIA	comp=Z,620nm,14.0s				
NJ2	Nanjing 20.10 259 eP	Pn		03 09 37.8 -0.7	
NJ2	comp=Z,25nm,0.7s				
BJI	Beijing 20.24 283 P	P		03 09 34.9 -3.1	
BJI		S		03 13 23.1 -0.6	
BJI	comp=Z,17nm,0.8s				
BJI	comp=Z,160nm,4.3s				
BJI	comp=Z,2um,19.3s				
BJI	comp=Z,950nm,16.4s				
CLNS	Chui'man 21.71 334 eP	P		03 09 52.8 -1.1	
CLNS					
CLNS	comp=Z,22nm,0.9s				
CLNS	comp=N,34nm,0.9s				
CLNS	comp=E,11nm,0.9s				
CLNS	comp=Z,958nm,15.0s				
CLNS	comp=N,739nm,14.0s				
MA2	Magadan 21.87 12 P	P		03 09 55.4 -0.1	
MA2	comp=Z,43nm,1.0s,baz=188,slow=11,SNR=14	LR	LR	03 18 09.5	
YHNB	Yeheng 22.38 238 eP	P		03 10 00.2 -1.1	
SSLB	Suolang 23.26 237 eP	P		03 10 07.2 -3.2	
YULB	Yu-ji 23.31 236 eP	P		03 10 07.3 -3.6	
HHC	Hu-ho-hao-te 23.70 286 eP	P		03 10 13.6 -1.0	
HHC		S		03 10 25.1 -0.5	
HHC		S		03 14 21.3 +6.7	
HHC		SS		03 15 12.4 +5.9	
HHC	comp=E,23nm,0.8s				

HHC	comp=E,120nm,8.6s				
HHC	comp=E,220nm,9.0s				
HHC	comp=E,1um,10.5s				
HHC	comp=E,1um,10.5s				
TPUB	Ta-pu 23.81 237 eP	P		03 10 12.2 -3.5	
TPUB	comp=E,58nm,1.1s				
TWG	Pinlang 23.86 235 eP	P		03 10 14.5 -1.7	
TWG	comp=E,658nm,1.3s				
OZH	Quanzhou 24.11 243 P	P		03 10 13.8 -4.7	
OZH		S		03 14 22.6 -1.2	
OZH	comp=E,100nm,0.8s				
OZH	comp=E,2um,18.5s				
OZH	comp=E,1um,17.0s				
OZH	comp=E,1um,16.7s				
WHN	Wuhan 24.23 260 P	P		03 10 18.4 -1.2	
WHN		S		03 14 34.9 -1.6	
WHN	comp=E,66nm,0.8s				
WHN	comp=E,340nm,3.2s				
WHN	comp=E,2um,15.7s				
WHN	comp=E,2um,17.8s				
WHN	comp=E,2um,18.2s				
YAK	Yakutsk 24.88 346 P	P		03 10 23.2 -2.0	
YAK	comp=E,34nm,0.5s,baz=8.9,slow=1.7,SNR=6.8				
YAK	comp=E,553nm,18.3s,baz=158,slow=37	LR	LR	03 20 15.0	
YAK	Yakutsk 24.88 346 eP	P		03 10 24.3 -0.9	
YAK		eP		03 10 32.7 -0.3	
YAK		e		03 10 56.7	
YAK		e		03 14 02.5	
YAK		eS		03 14 42.6 -3.8	
YAK		eS		03 21 24.3	
YAK	comp=Z,40nm,0.9s				
YAK	comp=N,27nm,1.3s				
YAK	comp=E,12nm,1.4s				
YAK	comp=Z,59nm,1.0s				
YAK	comp=N,42nm,1.4s				
YAK	comp=E,27nm,1.6s				
YAK	comp=E,178nm,1.5s				
YAK	comp=N,130nm,1.5s				
YAK	comp=Z,887nm,16.0s				
YAK	comp=N,796nm,17.0s				
YAK	comp=E,936nm,15.0s				
YAK	Yakutsk 24.88 346 eP	P		03 10 24.8 -0.4	
YAK	comp=E,174nm,1.0s				
YAK	Bodaibo 26.74 326 eS	P		03 14 45.3 -1.2	
BOD		eP		03 10 41.0 -1.0	
BOD	comp=Z,28nm,1.1s				
XAN	Xi'an 27.14 271 P	P		03 10 44.6 -1.4	
XAN		P		03 10 54.6 +0.8	
XAN		S		03 12 12.2	
XAN		Pn		03 11 34.8 +5.3	
XAN		S		03 15 23.9 +1.0	
XAN		S		03 15 39.8 +4.0	
XAN	comp=Z,35nm,0.7s				
XAN	comp=Z,690nm,15.4s				
XAN	comp=Z,480nm,20.0s				
XAN	comp=Z,770nm,16.2s				
SONA1	Songino Array 27.59 302 eP	P		03 10 49.0 -1.0	
SONA1		eS		03 15 24.6 -5.2	
SONA1		eS		03 10 49.4 -0.6	
SONM	Songino Array 27.59 302 eP	P		03 10 49.0 -1.0	
SONM	comp=Z,0.7nm,0.5s,baz=103,slow=3.7,SNR=2.4	PcP	PcP	03 14 07.1 0.0	
SONM	comp=Z,2.9nm,1.0s,baz=176,slow=1.9,SNR=3.9	PcP	PcP	03 14 16.5	
SONM	comp=Z,470nm,19.2s,baz=102,slow=37	PcP	PcP	03 22 11.8	
H112	WAKE ISLAND Hy 28.33 124 T	T		03 41 33.3	
H112	baz=317,slow=75,SNR=1142				
H111	WAKE ISLAND Hy 28.34 124 T	T		03 41 16.1	
H111	baz=317,slow=75,SNR=5610				
H113	WAKE ISLAND Hy 28.35 124 T	T		03 41 34.7	
H113	baz=317,slow=75,SNR=972				
H1151	WAKE ISLAND Hy 29.10 126 T	T		03 42 08.7	
H1151	baz=318,slow=76,SNR=2089				
H1153	WAKE ISLAND Hy 29.10 126 T	T		03 42 07.5	
H1153	baz=318,slow=76,SNR=2668				
H1152	WAKE ISLAND Hy 29.11 126 T	T		03 42 09.9	
H1152	baz=318,slow=76,SNR=2089				
TLY	Talaya 29.95 309 P	P		03 11 11.2 +0.4	
TLY	comp=Z,10.0nm,0.8s,baz=145,slow=2.9,SNR=14	LR	LR	03 23 49.5	
TLY	comp=Z,831nm,18.3s,baz=100,slow=38	LR	LR		
TLY	Talaya 29.95 309 eP	P		03 11 10.9 +0.1	
TLY		e		03 12 13.8	
TLY		eS		03 16 12.3 +5.6	
TLY	comp=Z,18nm,1.0s				
TLY	comp=Z,703nm,16.0s				
TLY	Talaya 29.95 309 P	P		03 11 09.6 -1.2	
TLY	SNR=9.2				
TLY	Talaya 29.95 309 eP	P		03 11 10.5 -0.3	
TLY	comp=Z,15nm,0.9s				
ZAK	Zakamensk 29.96 306 eP	P		03 11 10.5 -0.5	
ZAK					
LZH	Lanzhou 30.51 278 eP	P		03 11 15.9 -0.2	
LZH		P		03 11 23.9 0.0	
LZH		S		03 11 28.5 +1.3	
LZH		Pn		03 12 16.5 +1.2	
LZH		S		03 16 12.0 -4.0	
LZH		S		03 16 29.5 +0.6	
LZH		SS		03 17 56.0 +0.7	
LZH	comp=Z,37nm,1.0s				
LZH	comp=Z,130nm,4.0s				
LZH	comp=Z,970nm,14.0s				
LZH	comp=Z,920nm,17.5s				
LZH	comp=Z,980nm,17.4s				
GY	Tagaytay City 30.69 224 P	P		03 11 18.9 +1.2	
GY	comp=Z,144nm,0.3s,baz=256,slow=8.3,SNR=6.2	PcP	PcP	03 11 28.3 -1.9	
GY	Guiyang 32.12 259 j/P	P		03 11 41.0 -0.3	
GY		P		03 12 37.8 +1.6	
GY		PcP		03 14 20.3 +1.2	
GY		S		03 16 38.5 -2.7	
GY		S		03 16 55.4 +1.2	
GY		ScP		03 18 00.3 0.5	
GY		SS		03 18 31.0 -1.2	
GY	comp=Z,40nm,1.1s				
GY	comp=Z,120nm,5.3s				
GY	comp=Z,560nm,15.6s				
GY	comp=Z,430nm,17.7s				
GY	comp=Z,630nm,18.0s				
CD2	Chengdu 32.35 268 P	P		03 11 31.3 -0.9	
CD2		P		03 11 41.3 +1.3	
CD2		S		03 11 45.8 +2.5	

CD2					
CD2					
CD2	comp=Z,20nm,0.5s				
CD2	comp=Z,140nm,5.2s				
CD2	comp=Z,490nm,12.9s				
CD2	comp=Z,660nm,13.5s				
CD2	comp=Z,820nm,13.1s				
BILL	Bilibino 32.52 17j eP	P		03 11 34.3 +1.1	
BILL		e		03 12 36	

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like AK11, MLAC, QLMT, SUW, YHH, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like KNB, ULM, K22A, K22A, SRU, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like DPC, DPC, DPC, UPC, UPC, etc.

17d 3h

Table with columns: Station, Location, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Dallas, Novy Kostel, and various other locations.

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Table with columns: Station, Location, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KBA, K34A, I36A, H37A, BNM, O31A, MYKA, I37A, BCLA, VISS, etc.

792

Table with columns: Station, Location, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like J41A, K40A, P35A, M38A, N37A, KSU1, L39A, TAOE, O36A, MEH, T32A, MNTX, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like U36A Oologah, S38A Stockton, HDIL Hopedale, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MIAR Mount Ida, MIAR Mount Ida, X301 Greenbrier St, etc.

JMA 17 03:05:20.8-0.3, 41.18N x 140.41E, h139km, 3km, M2.0,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JS12 Shiura, JSR Shiruichi, etc.

NIED 17 03:14:00, 38.40N x 142.20E, h23km, Mw4.6 Best double

couple: M1.01000x1016, N1P1.0184.00000, 356.00000, 2.38200000, NP2.0297.00000, 659.00000, 1.140.00000,

ISCJ, JB 17 03:14:27.6-0.7, 38.35N x 142.12E, 0.03, h28km, 4km, mb4.6/135, MS4.2/10, Error ellipse: s-maj=4.5km

s-min=3.6km az=144.2, JMA 17 03:14:27.9-0.1, 38.47N x 142.19E, h28km, 1km, M4.5

JMA Felt III J1, MOS 17 03:14:27.9-0.1, 38.42N x 142.14E, h29km, mb4.8/47, Error ellipse: s-maj=8.0km s-min=5.5km az=97.1

IDC 17 03:14:29.0-0.5, 38.39N x 142.14E, h27km, 2km, mb4.1/22, mb1.4/32, mb1mx4.1/49, mbtmp4.3/26, ML3.8/3, MS3.8/6,

Ms1.3/6, ms1mx3.4/37, Error ellipse: s-maj=12.2km s-min=12.1km az=54.0, NEIC 17 03:14:30.7-0.5, 38.37N x 142.08E, h40km, 5km, mb4.6/83,

Error ellipse: s-maj=5.0km s-min=3.6km az=137.0, NEIC Recorded [3 JMA] in Miyagi, ISC 17 03:14:27.6-0.4, 38.36N x 142.26E, 0.04, h20km, 1km,

h19km, pP-P, n324, 01s74/360, mb4.7/142, MS4.3/10, 17C-12D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JIO Ouri, JIO Ofunato, OFUJ Ichinoseki, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like YSS Yuzh-Sakhalins, YSS comp=Z,500nm,0.9s, MLR MLR, USRK Ussuriysk Arr, etc.

17d 3h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GTA, WMQ, ZALV, ARU, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARU, WB2, AKTO, WRAB, etc.

794

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TPNV, RSUT, DUG, BOW6, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Trest, AUR Ranch, Novy Kostel, Conrad Observ, Kaspereske Hory, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Tana Toraja, Palu, Kendari, Luwuk, Gorontalo.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Kapahiang, Manna, Lahat, Pulau Pagai, Padang, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like STKA, SONM, BRTR, TXAR, JMA, JIO, OFUJ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASAR, FINES, NOA, PDAR, TXAR, ISJCJB, MNAS, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Rows include PV01, S22A, SDCO, TUC, ANMO, ATD, WMOK, WMOK, TX31, TXAR, TXAR, HHAR, VAE, LPAZ.

SJA 17:07:58.54.1±0.8, 26.90S, 66.97W, h16km±10km, MD3.4, ML3.3, MW3.8, Catamarca Province

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Rows include FSA, FSA, FSA, AHML, AHML, CYA, CYA, VCA, VCA, VCA.

IDC 17:08:00.01.7±14.0, 23.93S, 179.63W, h472km±49km, mb3.7/4, mb1 3.7/5, mb1mx3.3/3.1, mbt4.5/5, Error ellipse: s-maj=209.1km s-min=46.2km az=55.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Rows include URZ, URZ, CTA, STKA, ASAR, ASAR, WRA, WRA.

IDC 17:08:02.00.2±0.5, 5.65N, 77.59W, h0km, mb4.7/23, mb1 4.8/28, mb1mx4.8/38, mbt4.7/28, ML4.0/3, MS4.0/21, Ms1 4.0/21, ms1mx3.8/36, Error ellipse: s-maj=16.5km s-min=12.0km az=54.0

ISCJBJ 17:08:02.01.7±0.9, 5.78N, 0.03°77.63W, 0.02, h15km±6km, mb4.8/180, MS4.0/18, Error ellipse: s-maj=5.1km s-min=3.0km az=32.6

RSNC 17:08:02.03.6±1.0, 5.71N, 77.71W, h28km±10km, ML4.2, GCMT 17:08:02.07.8±0.3, 5.66N, 77.75W, h21km±1km, MW5.0/78, Moment Tensor Solution. s27, c31; s78, c99; Duration: 0 Moment tensor: Scale 10^19Nm; Mr2.92±.19; Mw=0.56±.10; Mb=2.36±.13; Mm=0.64±.15; Mw=0.58±.05; Ms=2.21±.18; Post double coupler. Ms3.67000±1.016 NP1±164.00000°; s65.00000°; s90.00000°; NP2: q=343.00000°, s25.00000°, s90.00000°. Principal axes: T 3.7620, Plg70.0000°, Azm74.0000°; N -0.3890, Plg0.0000°, Azm344.0000°; P -3.3730, Plg20.0000°, Azm254.0000°; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 17:08:02.07.8±0.6, 5.65N, 77.53W, h51km±5km, mb4.8/147, Error ellipse: s-maj=4.9km s-min=3.4km az=224.0

ISC 17:08:02.05.1±0.6, 5.63N, 0.04°77.67W, 0.04, h29km±3km, n665, s141/688, mb4.8/185, MS4.0/18, 2C-1D, Near west coast of Colombia

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Rows include SOLC, SOLC, SOLC, MALC, DBBC, GUYC, GUYC, TORC, NORC, POPC, PRAC, PRAC, PRAC, ROSC, ROSC, ROSC, ROSC, MAPC, RUSC, RUSC, SDV, SDV, SDV, HDC, ATAH, ATAH, PCRV, PCRV, GTBY, SDDR, IDEF, MPF, CELP, SJG, SJG, HUMP.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Rows include CBYP, NNA, NNA, STVI, MCLT, PCLM, PCLM, FDF, GBMF, CXM, ZAM, MVM, PTGA, PTGA, PTGA, PTGA, CMIG, CMIG, SAML, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, SIV, SIV, 347A, 347A, 248A, 345A, GOGA, GOGA, 936A, LRAL, 245A, 147A, 342A, 247A, 248A, 034A, LVC, LVC, LVC, 246A, 934A, 934A, KMSC, 736A, 474A, 834A, 4Y6A, 636A, 933A, 4Y5A, 635A, CPCT, SWET, 338A, X45A, 337A, 238A, Y42A, CCAR, 534A, W45A, 336A, 138A, BLA, X42A, 533A, 236A, 137A, Y40A, WVT, 433A, 136A, UALR, Y39A, 334A, 433A, Y38A, MIAR, MIAR, W41B, X301.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Rows include 333A, WHAR, 234A, 135A, X39A, Z36A, V42A, W40A, U43A, U47A, PARMO, V41A, 134A, 233A, W39A, X38A, Y36A, U42A, Z35A, V40A, PBMO, PBMO, X37A, T43A, 133A, WCI, Z34A, S45A, USIN, V39A, X36A, U40A, S44A, S44C, SIUC, W37B, S43A, X35A, ABTX, ABTX, Y34A, V38A, Z33A, T41A, U39A, W36A, TXAR, TXAR, TX31, TX31, TX31, HPIG, R44A, V37A, S42A, T40A, MVL, Y33A, U38A, OLIL, OLIL, S41A, W35A, X34A, R43A, T39A, V36A, TUL1, TUL1, O56A, U37A, S40A, R42A, X33A, Q44A, T38A, ACSO, V35A, W34A, U36A, R41A, SSFA, LUPA, Q43A, WMOK, X32A.

S39A	Bolivar	34.96	338	P	P	08 08 53.2	-1.6
T37A	Cheneyville 18	35.09	336	P	P	08 08 54.7	-1.2
W33A	Caddo, Fort Co	35.09	330	P	P	08 08 55.0	-1.0
P44A	Sand Creek, Wi	35.11	345	P	P	08 08 55.0	-1.1
R40A	Maddies Statio	35.12	340	P	P	08 08 54.5	-1.6
Q42A	Golden Eagle	35.12	342	P	P	08 08 55.0	-1.2
S38A	Stockton	35.13	337	P	P	08 08 54.7	-1.6
V34A	Guthrie	35.17	331	P	P	08 08 55.7	-1.0
V34A	Guthrie	35.17	331	eP	P	08 08 56.0	-0.7
N59A	State Game Lan	35.18	2	P	P	08 08 55.7	-0.9
N54A	Moraine State	35.24	357	P	P	08 08 56.6	-0.5
U35A	Pawnee	35.24	333	P	P	08 08 56.3	-1.0
Q41A	Truxton	35.38	342	P	P	08 08 57.1	-1.2
R39A	Chumby, Stover	35.41	339	P	P	08 08 57.0	-1.6
T36A	Boggs Farm, Ca	35.44	334	P	P	08 08 57.7	-1.2
W32A	Sentinel	35.47	329	P	P	08 08 58.3	-0.9
V33A	Lossen Ranch,	35.53	330	P	P	08 08 58.4	-1.4
T35A	Sooner Cattle	35.60	334	P	P	08 08 59.5	-0.8
S37A	Fort Scott	35.60	336	P	P	08 08 59.0	-1.3
R38A	Fenwick Farm,	35.62	338	P	P	08 08 58.7	-1.7
SFIN	Lafayette	35.62	348	P	P	08 08 59.1	-1.4
SFIN	Lafayette	35.62	348	eP	P	08 08 59.6	-0.8
U34A	Anderson Ranch	35.67	332	P	P	08 08 59.5	-1.4
U34A	Anderson Ranch	35.67	332	eP	P	08 09 00.3	-0.6
Q40A	Laux Farm, Au	35.69	341	P	P	08 08 59.5	-1.5
P42A	Winchester	35.69	343	P	P	08 08 59.3	-1.7
M54A	Oil Creek Stat	35.77	357	P	P	08 09 01.3	-0.5
V32A	Arapaho	35.83	330	P	P	08 09 00.9	-1.4
SLBS	Sierra La Lagu	35.87	303	eP	P	08 09 04.7	+1.8
S36A	Lake Cedric, C	35.88	335	P	P	08 09 01.2	-1.5
U33A	Lingo Farm, Me	35.94	331	P	P	08 09 01.5	-1.7
T34A	McClaskey Farm	35.99	333	P	P	08 09 02.0	-1.6
S35A	Otter Creek Ra	36.15	335	P	P	08 09 03.7	-1.3
P40A	Paris	36.16	341	P	P	08 09 03.6	-1.5
O42A	Bath	36.18	344	P	P	08 09 03.4	-1.8
Q38A	Cooks Store, C	36.19	339	P	P	08 09 03.7	-1.6
HDIL	Hopedale	36.31	345	P	P	08 09 04.6	-1.7
HDIL	Hopedale	36.31	345	eP	P	08 09 05.2	-1.1
O41A	Passleys Farm,	36.34	343	P	P	08 09 05.7	-0.8
P39B	Salisbury	36.36	340	P	P	08 09 04.9	-1.8
R36A	Gordon, Harris	36.36	336	P	P	08 09 05.4	-1.4
Q37A	Longview Farm,	36.42	338	P	P	08 09 06.1	-1.2
BINY	Binghamton	36.45	2	eP	P	08 09 08.3	+0.8
S34A	Willow Spring	36.51	334	P	P	08 09 06.9	-1.2
T33A	Patterson Ranc	36.52	332	P	P	08 09 07.2	-1.0
MSTX	Muleshoe	36.57	324	P	P	08 09 07.8	-0.9
MSTX	Muleshoe	36.57	324	eP	P	08 09 08.5	-0.3
AMTX	Amarillo	36.60	326	P	P	08 09 08.0	-1.0
AMTX	Amarillo	36.60	326	eP	P	08 09 08.8	-0.2
R35A	Emporia Munic	36.64	335	P	P	08 09 07.5	-1.7
O40A	La Belle	36.65	342	P	P	08 09 07.3	-1.8
MNTX	Cornudas Mount	36.68	318	P	P	08 09 08.9	-0.8
MNTX	Cornudas Mount	36.68	318	eP	P	08 09 09.9	+0.2
P38A	Dawn	36.75	339	P	P	08 09 08.5	-1.6
T32A	Huddler Ranch,	36.92	331	P	P	08 09 09.6	-2.0
MMNY	Mt. Morris Dam	36.95	360	eP	P	08 09 11.6	-0.1
Q39A	Kirksville	36.98	341	P	P	08 09 10.3	-1.7
P37A	Lathrop	37.01	338	P	P	08 09 10.2	-2.1
Q35A	Mercer Eighty,	37.03	336	P	P	08 09 10.5	-2.0
R34A	Isabella, Hill	37.07	334	P	P	08 09 11.1	-1.7
Q38A	Galt	37.17	340	P	P	08 09 12.1	-1.6
MA2A	Sheffield	37.27	345	P	P	08 09 12.5	-2.0
S32A	Newby Ranch, P	37.35	332	P	P	08 09 14.4	-0.9
P36A	Good Intent, A	37.36	337	P	P	08 09 13.4	-1.9
CPUP	Villa Florida	37.39	149	P	P	08 09 10.6	-5.1
CPUP	Olander Ranch,	37.40	333	P	P	08 24 50.1	
M41A	Milan	37.41	344	P	P	08 09 13.4	-2.2
O37A	Wolven Farm, M	37.45	339	P	P	08 09 14.0	-2.0
Q34A	Chapman	37.46	335	P	P	08 09 14.3	-1.9
KSU1	Kansas State U	37.47	335	P	P	08 09 14.4	-1.9
KSU1	Kansas State U	37.47	335	eP	P	08 09 15.4	-0.8
N39A	Derby Farms, D	37.53	341	P	P	08 09 14.9	-1.9
P35A	Duane Minner,	37.60	336	P	P	08 09 15.6	-1.7
N38A	Joess South For	37.69	341	P	P	08 09 16.0	-2.1
R32A	Long Quarter,	37.83	333	P	P	08 09 18.0	-1.3
Q33A	Connelly Farm,	37.91	334	P	P	08 09 18.4	-1.5
P34A	Walnut Farm, R	37.94	336	P	P	08 09 18.8	-1.4
M39A	Webster	37.98	342	P	P	08 09 18.6	-1.9
L41A	Preston	38.05	344	P	P	08 09 19.2	-1.9
P33A	Williams Farm,	38.21	335	P	P	08 09 20.4	-2.1
Q32A	Mettler Ranch,	38.22	333	P	P	08 09 20.4	-2.2
L40A	Anamosa	38.24	344	P	P	08 09 20.1	-2.5
M38A	Pleasantville	38.24	341	P	P	08 09 21.1	-1.6
N36A	Muff Farm, Cla	38.31	339	P	P	08 09 21.7	-1.6
O34A	Beatrice	38.42	336	P	P	08 09 22.6	-1.6
K41A	Shullsburg	38.49	345	P	P	08 09 22.9	-1.9
N35A	Tabor	38.60	338	P	P	08 09 23.9	-1.9
CBKS	Cedar Bluff	38.62	332	P	P	08 09 24.8	-1.2
CBKS	Cedar Bluff	38.62	332	eP	P	08 09 25.9	-0.1
SCIA	State Center	38.69	341	eP	P	08 09 25.4	-1.1
O33A	Helena	38.70	335	P	P	08 09 24.7	-1.9
P32A	Huitt Farm,	38.76	334	P	P	08 09 25.8	-1.3
JFWS	Jewell Farm	38.77	345	eP	P	08 09 25.8	-1.3
121A	Cookes Peak, D	38.80	317	eP	P	08 09 29.2	+1.5
K40A	Colesburg	38.80	344	P	P	08 09 25.1	-2.2
L38A	Oak Wood Farm,	38.82	342	P	P	08 09 25.2	-2.4
N34A	Lincoln	38.81	337	P	P	08 09 26.2	-2.1
LONY	Lake Ozonia	38.93	4	eP	P	08 09 28.6	+0.1
K39A	Oelwein	39.02	343	P	P	08 09 26.9	-2.3
L37A	Phoenix Point,	39.06	341	P	P	08 09 28.9	-0.7
J41A	Loganville	39.13	346	P	P	08 09 28.3	-1.9
O32A	Brockman Farm,	39.14	335	P	P	08 09 29.0	-1.3
M35A	Neola	39.15	338	P	P	08 09 28.6	-1.7
319A	Douglas	39.16	315	eP	P	08 09 33.0	+2.3
FRNY	Flat Rock	39.22	5	eP	P	08 09 31.6	+0.8
K38A	Parkersburg	39.22	342	P	P	08 09 28.9	-2.0
L36A	Harm Buss Farm	39.34	340	P	P	08 09 30.1	-1.9
J40A	Soldiers Grove	39.35	345	P	P	08 09 29.9	-2.0
ANMO	Albuerque	39.46	322	P	P	08 09 32.5	-0.7
ANMO	Albuquerque	39.46	322	eP	P	08 09 34.3	+1.1
O31A	Woolen Ranch,	39.51	334	P	P	08 09 32.5	-0.9
M34A	Aspy Farms, Fr	39.51	337	P	P	08 09 31.7	-1.6
LAZ	Ladron	39.54	320	eP	P	08 09 35.1	+1.2
J39A	Desoriah	39.55	344	P	P	08 09 31.4	-2.3
K37A	Belmond	39.60	341	P	P	08 09 32.2	-1.9
L35A	Bielow Farm, R	39.66	339	P	P	08 09 32.6	-2.0
J38A	Wedel Dairy, R	39.75	343	P	P	08 09 33.9	-1.4
T25A	Trinidad	39.75	326	P	P	08 09 34.7	-1.0
T25A	Trinidad	39.75	326	eP	P	08 09 37.2	+1.5
I39A	Houston	39.98	344	P	P	08 09 35.4	-1.8
K35A	Storm Lake	40.09	340	P	P	08 09 36.0	-2.2
KSCO	Kaye Shedlock	40.18	329	eP	P	08 09 40.6	+1.5
J36A	Seneca, I, Swea	40.33	341	P	P	08 09 38.9	-1.3
I38A	Scanlan Farm,	40.37	344	P	P	08 09 38.7	-1.7
H40A	Chili	40.41	346	P	P	08 09 39.5	-1.3
TUC	Tucson	40.74	315	P	P	08 09 44.4	+0.6
TUC	Tucson	40.74	315	eP	P	08 09 45.5	+1.7
SDCO	Great Sand Dun	40.80	325	P	P	08 09 45.1	+0.7
SDCO	Great Sand Dun	40.80	325	eP	P	08 09 45.6	+1.1
L31C	Butterfield Fa	40.97	336	P	P	08 09 43.8	-1.7
I35A	Creekview Farm	41.01	341	P	P	08 09 44.2	-1.5
H37A	Dierker Farm, C	41.04	343	P	P	08 09 44.8	-1.2
K31A	O'Neill	41.31	336	P	P	08 09 46.2	-2.1
OGNE	Ogallala	41.38	332	P	P	08 09 48.5	-0.4
OGNE	Ogallala	41.38	332	eP	P	08 09 49.3	+0.4
X18A	Snowflake	41.44	318	eP	P	08 09 51.5	+1.9
ECSD	EROS Data Cent	41.46	339	P	P	08 09 47.5	-1.9
ECSD	EROS Data Cent	41.46	339	eP	P	08 09 47.6	-1.8
Q24A	Divide	41.47	327	P	P	08 09 48.5	-1.5
COWI	Conover	41.53	348	eP	P	08 09 48.7	-1.3
S22A	4UR Ranch, Cr	41.55	324	P	P	08 09 50.8	+0.1
S22A	4UR Ranch, Cr	41.55	324	eP	P	08 09 52.0	+1.4
SPMN	Marine on St.	41.59	344	P	P	08 09 48.5	-2.0
SPMN	Marine on St.	41.59	344	eP	P	08 09 49.6	-0.9
J32A	Parkston	41.60	338	P	P	08 09 48.3	-2.3
H35A	Sunnyside Ranc	41.72	342	P	P	08 09 49.5	-2.0
H34A	Spellman Lake,	41.99	341	P	P	08 09 51.9	-1.9
214A	Organ Pipe Nat	42.01	313	P	P	08 09 54.3	+0.2
214A	Organ Pipe Nat	42.01	313	eP	P	08 09 55.8	+1.6
MVCO	Mesa Verde	42.19	322	P	P	08 09 54.7	-1.1
MVCO	Mesa Verde	42.19	322	eP	P	08 09 58.2	+2.4
J30A	Dallas	42.20	336	P	P	08 09 53.4	-2.1
ISCO	Idaho Springs	42.32	328	P	P	08 09 56.7	-0.2
ISCO	Idaho Springs	42.32	328	eP	P	08 09 57.8	+1.0
H33A	Prehn Over Nor	42.33	340	P	P	08 09 54.5	-2.1
VLDO	Val d'Or	42.33	0	eP	P	08 09 56.8	+0.4
X16A	Lo Mia Camp, P	42.38	317	eP	P	08 09 58.7	+1.4
F36A	Milaca	42.38	344	P	P	08 09 54.9	-2.0
H32A	Shawnee Farm,	42.42	339	P	P	08 09 55.0	-2.3
G34A	Benson	42.46	341	P	P	08 09 54.8	-2.8
SMCO	Snowmass	42.62	326	eP	P	08 10 00.6	+1.1
G33A	Ortonville	42.68	340	P	P	08 09 56.7	-2.7
F35A	Swanville	42.68	343	P	P	08 09 56.9	-2.4
H31A	Wolsey	42.78	338	P	P	08 09 57.9	-2.3
PV01	Paradox Valley	42.84	323	eP	P	08 10 02.4	+1.3
E36A	McGregor	42.91	344	P	P	08 09 59.5	-1.7
WUAZ	Wupatki	42.97	318	eP	P	08 10 03.2	+1.2
G32A	Webster	43.09	339	P	P	08 10 00.4	-2.3

17d 8h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like FURC, EDWJ, BGU, LRM, AHID, R11A, R11A1, MPMC, REDW, SNOW, LOHW, HPAW, MOOW, FXWY, RLMT, FLWY, IMW, CWC, YPP, DGMT, VES, YMR, GYM, YHHT, RCTC, SMMC, QLMT, TVH2, TVH3, TVH1, BOZ, BOZ, BOZ, MCMT, HLID, SCHO, SCHO, DLMT, WAKR, YERR, LRM, EGMT, HRY, MFID, PAHR, WVOR, MSO, MSO, ORV, BMO, MDO, JTMT, JTMT, O03D, BSMT, F10A, M04C, E09A, Y05D, YBHD, SACV, NEW, NEW, J04D, G06A, D08A, I04A, G05D, G03D, B08A, LON, G04D, F04D, E03A, LLLB, BBB, RKA, YKA, TAOE, DLBC, DLBC, MORF, MORF.

2011 AUG

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like PNLC, MESJ, PCV, PCAS, HYT, PGAV, PESTR, SUMG, SUMG, PVIS, BORG, POLO, PCBR, PMRV, MTE, PBAR, TIC, LIC, DBIC, DBIC, KILC, INK, MDT, KOWA, DAWY, PABV, EGAK, RAGM, ESCD, ESLS, ES19, BMRM, MENT, EYAK, PPT, PPT2, PPT2, DIV, DOT, PAX, SCM, TBI, DML, SHY, FOU, HDA, IL1, ILAR, ILAR, ILB, PCR, R01, COB, WRH, COLA, EKA, RND, MCK, BRK, MDM, TRF, KTH, SPU, RSO, PLO, CAST, COL, TOR, TOR, TOR, SVW2, CLI, T01, SSB, DOU, TAM, MEM, WLF, WLF, WLF, BNI, SENIN, BFO, TUE, VSL, DAVA, DAVA, KEST, KEST, FUORN, NB2, NOA, VLC, VLC, FETA, FETA, META, META, SPITS, NKC, ABTA, ABTA, CLL, CLL, CLL, KHC, KHC, KBA, KBA, KBA, BRG, GEC2, GEC2, MYKA.

800

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like MYKA, PVCC, PRU, PRU, MOA, GOPC, SOKA, UPC, ARSA, CONA, DPC, VNA3, VRAC, VNA1, KRLC, MORC, ARAO, ARCS, ARCS, OKC, VYHS, SNA, SNA, SNA, STHS, FINES, MLR, MLR, GSPA, USRK, SONM, KSH, KSH, KSH, KSH, KSH, KSH, STKA, ASAR, WRAB, WRA, QIZ, QIZ, CMAR, CMAR, CMAR, ISCJB, Code, Station Name, A, AZ, Phase ID, Time, Res. Includes various island and regional codes.

Table with columns: SMLT, TYC, TYC, IRIF, YRUS, YUS, ALS, ALS, CHNS, CHNS, JKRS, CHN4, CHN4. Includes station names, coordinates, and other parameters.

CSEM 17 11:01:12.9:0.3, 40.10N:34.56E, h2km, MD2.6, Error ellipse: s-maj=9.7km s-min=5.5km az=111.0

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

ISCJB 17 11:08:54.9:0.6, 34.39N:0.03:36.72E:0.04, h9km, 5km, Error ellipse: s-maj=5.7km s-min=4.1km az=27.3

CSEM 17 11:08:54.0:2.3, 34.39N:36.72E, h5km, ML2.2, Error ellipse: s-maj=5.7km s-min=4.3km az=119.0

NSSC 17 11:08:54.6:1.2, 34.38N:36.71E, h5km, 4km, ML2.2

ISC 17 11:08:54.7:1.0, 34.39N:0.02:36.73E:0.03, h11km, 9km, n30, c687/48, Jordan-Syria region

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RABH, MARH, MARH, ROOS, HWQ, BHL, etc.

ISC 17 11:09:06.7:5.2, 16.92S:128.68E, h0km, mb1 3.8/3, mb1mx3.5/23, mbtmp3.6/3, ML3.7/3, Error ellipse: s-maj=49.0km s-min=42.5km az=32.0, Western Australia

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

ISC 17 11:13:50.5:1.8, 58.31S:25.36W, h0km, mb3.9/1, mb1 3.9/1, mb1mx3.5/32, mbtmp3.9/1, Error ellipse: s-maj=100.4km s-min=71.4km az=135.0, South Sandwich Islands region

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

ISC 17 11:14:25.9:1.4, 76N:35.48E, h5km, ML2.6

CSEM 17 11:14:27.4:1.1, 41.68N:35.47E, h12km, ML2.6, Error ellipse: s-maj=28.8km s-min=7.6km az=10.0

ISC 17 11:14:25.5:2.1, 41.81N:0.1:35.54E:0.05, h10km, n18, c059/24, Turkey

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

ISC 17 11:17:56.6:1.8, 9.68S:110.61E, h0km, mb3.7/5, mb1 3.9/6, mb1mx3.6/49, mbtmp3.7/6, ML3.3/1, MS3.1/1, Ms1 3.1/1, ms1mx2.7/47, Error ellipse: s-maj=105.1km s-min=20.0km az=44.0, South of Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ, FITZ, WRA, WRA, ASAR, CMAR, H0S2, H0S3, H0S1, BRTR.

NEIC 17 11:27:57.9:0.7, 20.91S:178.56W, h562km, 7km, mb4.7/7, Error ellipse: s-maj=10.5km s-min=8.6km az=123.0

ISC 17 11:27:57.1:1.4, 20.86S:178.58W, h550km, 14km, mb3.8/21, mb1 3.9/24, mb1mx3.8/35, mbtmp4.7/24, Error ellipse: s-maj=12.8km s-min=10.3km az=93.0

ISCJB 17 11:27:58.3:0.4, 20.93S:0.06:178.65W:0.08, h57km, mb4.3/28, Error ellipse: s-maj=10.4km s-min=8.2km az=14.5

ISC 17 11:27:59.1:0.4, 20.87S:0.08:178.54W:0.08, h579km, n53, c1863/62, mb4.4/28, 3C-1D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVF, AFI, AFI, DZM, URZ, URZ, URZ, etc.

Table with columns: JOW, MJAR, ASAJ, PETK, KSRS, KSAR, USKR, MAW, KLR, SYO, TRF, TXAR, COLA, ILAR, PLCA, AKTO, PDAR, CMAR, EGAK, BVAR, ARCS, FINES, FINES, NOA, AKASG, BRTR, CLL, BRG, KHC, KHC, KHC, GERES, GERES, DBIC, TORD. Includes station names, coordinates, and other parameters.

NIED 17 11:44:00.36:80N:143.70E, h5km, Mw6.1 Best double couple: Mo:1.50000x1018 NP1:0.46:00000, 0.835:00000, 0.92:00000, NP2:0.229:00000, 0.855:00000, 0.7:89:00000

Bull 17 11:44:06.4:36:80N:143.80E, h10km, mb5.8/77, mb6.2/83, Ms6.3/95, Ms7.6/287

ISC 17 11:44:07.0:3.9, 76N:143.85E, h0km, mb5.8/34, mb1 5.9/41, mb1mx5.9/43, mbtmp5.8/41, ML4.6/8, MS5.8/51, Ms1 5.8/51, ms1mx5.7/60, Error ellipse: s-maj=11.5km s-min=8.2km az=89.0

NEIC 17 11:44:07.0:0.0, 36.62N:144.38E, h11km, Moment Tensor Solution. s11 Moment tensor: Scale 1018Nm; Mr:1.67; M0:0.87; M0:0.87; M0:0.4; M0:0.74; M0:0.76; Best double couple: Mo:1.80000x1018 NP1:0.209:00000, 0.556:00000, 0.1:105:00000, NP2:0.56:00000, 0.837:00000, 0.7:67:00000, Principal axes: T 1.6800, Plg10.0000; Azm310.0000; N 0.2100, Plg13.0000; Azm217.0000; P 1.8900, Plg73.0000; Azm190.0000

ISCJB 17 11:44:07.9:0.1, 36.82N:0.01:144.76E:0.01, h21km, mb6.0/378, MS6.0/289, Error ellipse: s-maj=2.0km s-min=1.4km az=167.0

GCMT 17 11:44:08.4:0.0, 36.80N:143.84E, h12km, Mw6.2/147, Moment Tensor Solution. s134:c308; s147:c567; Duration: 3s0 Moment tensor: Scale 1018Nm; Mr:2.10e+01; M0:1.24e+01; M0:0.93e+01; M0:0.22e+03; M0:1.06e+01; M0:0.58e+03; Best double couple: Mo:2.25700x1018 NP1:0.222:00000, 0.853:00000, 0.7:99:00000, NP2:0.56:00000, 0.838:00000, 0.7:78:00000, Principal axes: T 2.2200, Plg13.0000; Azm318.0000; N 0.0560, Plg7.0000; Azm227.0000; P 2.2860, Plg80.0000; Azm92.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 17 11:44:08.4:0.1, 36.77N:143.77E, h9km, mb6.1/225, ME6.6, MS5.8/154, MW6.1, MW6.1, Error ellipse: s-maj=3.0km s-min=2.1km az=140.0, Moment Tensor Solution. s11 Moment tensor: Scale 1018Nm; Mr:1.45; M0:0.82; M0:0.63; M0:0.53; M0:1.05; M0:0.21; Best double couple: Mo:1.70000x1018 NP1:0.56:00000, 0.855:00000, 0.7:79:00000, NP2:0.218:00000, 0.837:00000, 0.7:105:00000, Principal axes: T 1.8700, Plg5.0000; Azm138.0000; N -0.3000, Plg9.0000; Azm230.0000; P -1.5700, Plg77.0000; Azm3.0000; Broadband fault plane solution: P waves. NP1:0.124:00000, 0.64:00000, 0.7:34:00000, NP2:0.230:00000, 0.660:00000, 0.7:150:00000, Principal axes: T Plg3.0000; Azm17.0000; N Plg0.0000; Azm0.0000; P Plg41.0000; Azm85.0000; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC Felt [III] at Sendai and [III] at Yokohama. Also felt at Chofu, Ichinojoshi, Misawa, Nanta, Sagamihara and Tokyo. Recorded [I2, JMA] in Aomori, Fukushima, Ibaraki, Iwate, Miyagi, and Tochigi.

JMA 17 11:44:08.6:0.1, 36.77N:143.77E, h52km, mb6.2/147, JMA Felt II, J1.

MOS 17 11:44:10.3:1.1, 36.81N:143.78E, h33km, Mw6.3/130, MS5.9/91, Error ellipse: s-maj=6.3km s-min=3.9km az=107.4

ISC 17 11:44:10.6:0.4, 36.79N:0.02:143.78E:0.02, h23km, 2km, h23km:pp-P, n1934, c1862/2219, mb6.1/395, MS6.0/293, 92C-78D, Off east coast of Honshu

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

JAG		eS	Sn	11 45 42.0	-2.2
JRY	Ryogami san	4.01 260	P	11 45 08.8	-1.8
JRY			S	11 45 54.5	-2.3
JOD2	Odawara 2	4.09 250	P	11 45 09.9	-1.9
MJAR	Matsushiro Arr	4.48 269	Pn	11 45 16.6	-0.5
MJAR	164nm,0.3s,baz=90,slow=15,SNR=406		Pn		
MJAR			Sn	11 46 09.0	+0.5
MJAR	170nm,0.3s,baz=50,slow=26,SNR=4.6		Sn		
MJAR	comp=Z,109um,21.2s,baz=95,slow=42		LR	11 47 13.9	
MAJO	Matsushiro	4.48 269c	iP	11 45 17.5	+0.4
MAJO	Matsushiro	4.48 269	ePn	11 45 17.7	+0.6
MAJO			eSn	11 46 08.4	-0.2
MAT	Matsushiro	4.48 269	P	11 45 16.9	-0.2
MAT			S	11 46 08.5	-0.1
MJB9	Matsu-Tunnel	4.49 269	ePn	11 45 17.6	+0.4
JHJ2	Mitsune	4.90 223	P	11 45 21.4	-1.5
JHJ2	Mitsune	4.90 223	ePn	11 45 21.4	-1.5
JHJ2			eSn	11 46 13.3	-5.6
JHJ	Hachijo jima 2	4.91 223	Pn	11 45 20.2	-2.8
JHJ	244nm,0.3s,baz=330,slow=16,SNR=160		Pn		
JHJ	4um,0.3s,baz=84,slow=23,SNR=8.9		Sn	11 46 13.2	-6.0
JHJ			LR	11 47 42.4	
JHJ	comp=Z,36um,19.6s,baz=66,slow=44		LR		
JOT	Ohata	5.05 336	P	11 45 24.0	-0.9
JOT			eS	11 46 19.8	-2.8
ERM	Erimo	5.24 355c	eP	11 45 25.4	-2.1
ERM			pmax		
ERM	comp=Z,3um,1.0s		pmax		
ERM	Erimo	5.24 355	ePn	11 45 26.0	-1.5
ERM			eSn	11 46 24.8	-2.4
KJB	Kayabe	5.52 338	P	11 45 30.0	-1.3
KJB			eS	11 46 32.0	-2.0
KJB			ePn	11 45 33.2	0.0
INU	Inuyama	5.66 257	ePn	11 45 32.6	-2.9
JCH	Churui	5.83 357	P	11 46 40.0	-1.6
JCH			eS	11 45 40.6	-0.6
JIE	Ise	6.24 250	P	11 45 40.2	-1.1
JOSM	Okushiri-Mats	6.25 329	P	11 46 47.4	-4.5
JOSM			Pn	11 45 44.5	-0.6
TT01	TONANKAI O.B.S	6.54 243	P	11 45 42.9	-5.2
NEM2	Nemuro 2	6.74 12	P	11 47 01.4	-2.6
NEM2			S	11 45 53.2	-0.1
JHR	Hokuryu	7.12 348	P	11 47 12.0	-1.5
JHR			S	11 45 51.0	-3.0
JTRK	Kobashi-Toko	7.18 1	P	11 47 13.9	-0.9
JTRK			S	11 45 55.8	-0.8
JWZ	Kozaga	7.36 246	P	11 45 54.4	-2.4
ASAJ	Asahikawa	7.38 353	Pn	11 45 54.4	-2.4
ASAJ	comp=Z,86nm,0.3s,baz=194,slow=9.8,SNR=249		Sn	11 47 16.5	-3.2
ASAJ	comp=Z,61nm,0.3s,baz=66,slow=39,SNR=3.8		Sn		
ASAJ	Asahikawa	7.38 353	ePn	11 45 54.9	-1.9
ASAJ			eSn	11 47 17.3	-2.5
KUR	Kuril'sk	8.98 19c	iP	11 46 15.4	-3.4
KUR			pmax		
KUR	comp=Z,1um,0.6s		pmax		
KUR	comp=Z,9um,10.2s		pmax		
KUR	comp=Z,83um,10.0s		MLR		
CBLJ	Chichi jima	9.76 188	ePn	11 46 23.8	-5.7
CBLJ			eSn	11 48 02.4	-1.6
YSS	Yuzh-Sakhalins	10.19 356c	iP	11 46 34.3	-1.0
YSS			eS	11 48 23.3	-5.4
YSS	comp=Z,270nm,0.7s		pmax		
YSS	comp=N,91um,14.0s		MLR		
YSS	comp=Z,106um,14.0s		MLR		
YSS	comp=E,57um,13.0s		MLR		
YSS	Yuzh-Sakhalins	10.19 356	ePn	11 46 33.9	-1.4
VLA	Vladivostok	11.10 308c	iP	11 46 48.8	+1.0
JNU	Nakatsue	11.20 255	Pn	11 46 48.9	-0.4
JNU	comp=E,4.3nm,0.3s,baz=88,slow=5.2,SNR=50		Pn		
JNU	Nakatsue	11.20 255	ePn	11 46 50.1	+0.9
MSHR	Mys Shulitsa	11.31 305c	eP	11 46 51.4	+0.7
USRK	Ussuriysk Ar.	11.62 313	Pn	11 46 55.9	+0.9
USRK	comp=E,9.3nm,0.3s,baz=122,slow=13,SNR=56		LR	11 50 56.0	
USRK	comp=E,79um,22.0s,baz=117,slow=35		LR		
UGL	Ulgorsk	12.35 355	eP	11 47 04.0	-0.8
UGL			pmax		
UGL	comp=Z,184nm,0.7s		pmax		
UGL	comp=N,8um,12.0s		pmax		
UGL	comp=E,4um,12.0s		pmax		
UGL	comp=Z,10um,12.0s		pmax		
KSRS	Korea Array	12.67 278	Pn	11 47 10.8	+1.4
KSRS	comp=Z,2.2nm,0.3s,baz=88,slow=12,SNR=84		LR		
KSRS	comp=Z,57um,21.4s,baz=79,slow=35		LR	11 51 31.2	
KS01	Wonju Array Si	12.70 278	ePn	11 47 09.8	+0.1
KS15	Wonju Array Si	12.71 278	ePn	11 47 12.1	+2.3
KSAR	Wonju Array Be	12.71 278	Pn	11 47 10.8	+1.0
KSAR	Wonju Array Be	12.71 278	Pn	11 47 10.8	+1.0
MDJ	Mudanjiang	13.29 310	P	11 47 16.5	-1.3
MDJ			S	11 49 45.3	+0.6
MDJ			PcP	11 52 45.3	-1.3
MDJ			ScP	11 56 16.3	-2.1
MDJ			PcS	11 56 20.3	-0.7
MDJ			ScS	11 59 52.8	-2.2
MDJ			pmax		
MDJ	comp=Z,47nm,1.0s		pmax		
MDJ	comp=Z,16um,10.8s		pmax		
MDJ	comp=Z,52um,15.7s		LR		
MDJ	comp=Z,62um,17.1s		LR		
MDJ	comp=Z,125um,15.7s		LR		
HABR	Khabarovsk	13.32 334c	iP	11 47 15.6	-2.5
HABR			eS	11 49 41.8	-3.5
HABR			pmax		
HABR	comp=N,23nm,0.9s		pmax		
HABR	comp=E,26nm,0.9s		pmax		
HABR	comp=Z,64nm,0.9s		pmax		
HABR	comp=Z,52um,14.0s		MLR		
INCN	Inchon	13.70 278	ePn	11 47 25.1	+1.7
TYV	Tymovskoe	14.09 357	eP	11 47 26.8	-1.9
TYV			pmax		
TYV	comp=Z,12um,12.0s		pmax		
KLR	Kul'dur	15.21 329	Pn	11 47 40.5	-3.3
KLR	comp=Z,2.0nm,0.3s,baz=131,slow=12,SNR=160		Pn		
KLR	comp=Z,72um,20.7s,baz=140,slow=36		LR	11 53 23.8	
KLR	Kul'dur	15.21 329c	iP	11 47 41.7	-2.1
CN2	Changchun	15.62 302	iP	11 47 48.8	-0.4
CN2			eS	11 47 55.0	+1.3
CN2			pmax	11 50 42.0	+0.4
CN2	comp=Z,8um,5.0s		LR		
CN2	comp=Z,41um,14.0s		LR		
CN2	comp=Z,68um,14.0s		LR		
CN2	comp=Z,72um,16.0s		LR		
SNY	Shenyang	16.41 294	iP	11 47 58.4	-1.0
SNY			pmax		
SNY	comp=Z,16um,12.7s		LR		
SNY	comp=Z,117um,15.2s		LR		
SKR	Severo-Kuril's	16.47 29	eP	11 47 59.4	-0.6
SKR			eS	11 50 53.0	-9.1
SKR			pmax		
SKR	comp=Z,392nm,1.0s		pmax		
SKR	comp=Z,10um,4.3s		MLR		
SKR	comp=Z,47um,14.0s		MLR		
JOW	Kunigami	16.48 237	Pn	11 47 57.7	-2.5

JOW		LR	LR	11 54 44.3	
JOW	comp=Z,17um,19.3s,baz=44,slow=39		LR		
JOW	Kunigami	16.48 237	ePn	11 47 59.0	-1.3
OKH	Okha	16.77 358	iP	11 48 02.7	-1.1
OKH			S	11 51 15.0	-4.7
OKH	comp=Z,12um,8.0s		pmax		
OKH	comp=N,20um,6.6s		smax		
OKH	comp=Z,53um,18.0s		smax		
DL2	Dalian	17.62 284	iP	11 48 13.9	-0.6
DL2			S	11 51 31.0	+1.0
DL2	comp=Z,390nm,1.4s		pmax		
DL2	comp=Z,18um,8.3s		pmax		
DL2	comp=Z,46um,13.0s		LR		
DL2	comp=Z,38um,15.1s		LR		
DL2	comp=Z,63um,15.2s		LR		
PEA0	Petropavlovsk-	19.00 26	eP	11 48 29.6	-0.9
PEA0B	Petropavlovsk-	19.00 26	eP	11 48 29.9	-0.6
PEA0B	comp=Z,475nm,1.3s		eP		
PETK	Petropavlovsk-	19.00 26	P	11 48 28.3	-2.2
PETK	comp=Z,1.8nm,0.3s,baz=191,slow=6.9,SNR=50		PcP	11 52 55.3	+0.3
PETK	comp=Z,0.9nm,0.3s,baz=111,slow=3.3,SNR=5.9		LR	11 57 34.7	
PETK	comp=Z,22um,18.0s,baz=218,slow=42		LR		
PET	Petropavlovsk	19.29 28d	iP	11 48 33.1	-0.5
PET			eS	11 52 02.9	-7.2
PET	comp=Z,96nm,1.2s		pmax		
PET	comp=Z,31um,6.0s		pmax		
PET	comp=Z,20um,9.7s		pmax		
PET	comp=Z,24um,15.0s		MLR		
PET	comp=Z,26um,16.0s		MLR		
PET	Petropavlovsk	19.29 28	eP	11 48 33.2	-0.4
PET	comp=Z,1um,2.0s		LR		
SSE	Sheshan	19.57 260	P	11 48 35.5	-1.3
SSE			pP	11 48 43.5	+0.3
SSE			S	11 52 14.8	-1.6
SSE			sS	11 52 26.3	-0.5
SSE	comp=Z,6um,9.6s		pmax		
SSE	comp=Z,68um,17.0s		LR		
SSE	comp=Z,24um,17.0s		LR		
SSE	comp=Z,47um,15.2s		LR		
SARN	Sarigan	20.09 174	eP	11 48 42.8	+0.2
ANAZ	Anatahan	20.44 175	eP	11 48 46.3	-0.1
NJ2	Nanjing	21.07 284	P	11 48 53.3	+0.1
NJ2			pP	11 49 02.4	-0.2
NJ2			S	11 52 51.0	-2.5
NJ2			PcP	11 52 57.4	-1.8
NJ2	comp=Z,120nm,1.3s		pmax		
NJ2	comp=Z,6um,9.5s		pmax		
NJ2	comp=Z,27um,15.7s		LR		
NJ2	comp=Z,57um,16.3s		LR		
NJ2	comp=Z,62um,15.2s		LR		
TIA	Tai'an	21.41 276	iP	11 48 55.3	-1.5
TIA			PP	11 49 18.8	+1.8
TIA			S	11 52 55.1	+1.7
TIA	comp=Z,170nm,1.2s		pmax		
TIA	comp=Z,13um,11.0s		pmax		
TIA	comp=Z,14um,12.0s		LR		
TIA	comp=Z,56um,14.0s		LR		
TIA	comp=Z,62um,15.0s		LR		
HIA	Hailar	21.44 313	eP	11 48 56.0	-1.0
HIA			eS	11 52 55.7	+2.0
HIA	comp=Z,176nm,0.9s		MLR		
HIA	comp=Z,47um,19.0s		MLR		
HIA	comp=Z,176nm,0.9s		LR		
HIA			eS	11 52 55.6	+2.0
YOJ	Yonaguni jima	21.63 241	eP	11 48 56.1	-3.1
YOJ			eS	11 53 00.2	+2.5
YOJ	comp=Z,623nm,1.3s		pmax		
YOJ	Yonaguni jima	21.63 241	eP	11 48 56.1	-3.1
YOJ	comp=Z,623nm,1.3s		pmax		
YOJ			eS	11 53 00.2	+2.5
BJJ	Beijing	21.84 287	P	11 49 00.1	-1.2
BJJ			S	11 52 56.8	-4.7
BJJ	comp=Z,120nm,1.4s		pmax		
BJJ	comp=Z,104nm,0.8s		pmax		
BJJ	comp=Z,31um,18.9s		LR		
BJJ	comp=Z,19um,19.4s		LR		
BJT	Baijiatuu	21.84 287	eP	11 49 00.7	-0.7
BJT			pmax		
BJT	comp=Z,994nm,1.5s		MLR		
BJT	comp=Z,27um,21.0s		MLR		
BJT	comp=Z,994nm,1.5s		LR		
BJT	comp=Z,27um,21.0s		LR		
TATO	Taipei	22.40 245	eP	11 49 06.2	-1.3
TATO	comp=Z,179nm,0.9s		LR		
YHNB	Yeheng	22.67 244	eP	11 49 08.0	-2.5
YHNB	comp=Z,175nm,1.0s		LR		
YHNB	comp=Z,9um,20.0s		LR		
NACB	Ninganchiao	22.82 243	eP	11 49 09.1	-2.8
GUMO	Guam	23.12 177	P	11 49 14.1	-1.0
GUMO	comp=Z,108nm,0.8s,baz=296,slow=6.6,SNR=8.1		LR	11 56 59.4	
GUMO	comp=Z,20um,20.8s,baz=353,slow=34		P	11 49 13.3	-1.8
GUMO	Guam	23.12 177	eP	11 49 13.3	-1.8
GUMO	comp=Z,2um,1.0s		pmax		
GUMO	Guam	23.			

SONA1	Songino Array	29.49 304	eP	P	11 50 13.8	+0.8
SONM	Songino Array	29.49 304	P	P	11 50 13.4	+0.4
SONM	comp-Z,92nm,1.1s,baz=106,slow=8.2,SNR=95		PcP	P	11 53 18.3	+0.3
SONM	comp-Z,23nm,0.8s,baz=140,slow=4.4,SNR=3.7		LR	LR	12 03 36.4	
SONM	comp-Z,24um,18.3s,baz=137,slow=40		P	P	11 50 13.4	+0.4
SONM	Songino Array	29.49 304	P	P	11 53 18.3	
SONM	comp-Z,51nm,1.1s		Pmax	Pmax		
SONM	comp-Z,23nm,0.8s		Pmax	Pmax		
SONM	comp-Z,24um,18.3s		MLR	MLR		
GZH	Guangzhou	29.55 251	i/P	P	11 50 10.3	-3.3
GZH			PP	PnPn	11 51 08.8	+0.4
GZH			S	S	11 55 03.3	-4.0
GZH			Pmax	Pmax		
TGY	Tagaytay City	30.44 228	P	P	11 50 22.4	+0.9
PLP	Paio	30.63 218	eP	P	11 50 23.2	+0.1
LUBP	Lubang	31.14 229	eP	P	11 50 25.4	-2.2
RCP	Roxas	31.46 222	eP	P	11 50 33.3	+2.9
IRK	Irkutsk	31.67 312	eP	P	11 50 32.3	+0.3
IRK			eS	S	11 55 42.6	+2.6
ZAK	Zakamensk	31.91 308	eP	P	11 50 34.7	+0.4
ZAK			e	P	11 53 23.6	
ZAK			Pmax	Pmax		
ZAK	comp-Z,106nm,1.5s		Pmax	Pmax		
TLY	Talaya	31.93 311	P	P	11 50 35.0	+0.7
TLY	comp-Z,12nm,0.8s,baz=123,slow=7.8,SNR=22		P	P	11 50 34.6	+0.3
TLY	Talaya	31.93 311	d/P	P	11 51 43.9	
TLY			ePPP	PPP	11 52 02.5	
TLY			eS	S	11 55 38.4	-5.6
TLY			Pmax	Pmax		
TLY	comp-Z,128nm,1.4s		MLR	MLR		
TLY	Talaya	31.93 311	P	P	11 50 35.3	+1.0
TLY	SNR=47		P	P	11 50 35.3	+1.0
TLY	Talaya	31.93 311	eP	P	11 50 34.8	+0.5
TLY	comp-Z,70nm,0.9s		LR	LR		
LZH	Lanzhou	31.97 281	eP	P	11 50 36.1	+1.0
LZH			pP	pP	11 50 39.9	-2.1
LZH			sP	sP	11 50 41.3	-3.6
LZH			PP	PnPn	11 51 42.5	+2.2
LZH			S	S	11 55 45.0	-0.3
LZH			sS	sS	11 56 01.0	-4.2
LZH			SS	SnSn	11 57 36.5	+1.7
LZH			Pmax	Pmax		
LZH	comp-Z,490nm,1.6s		Pmax	Pmax		
LZH	comp-Z,4um,5.7s		LR	LR		
LZH	comp-Z,45um,13.2s		LR	LR		
LZH	comp-Z,48um,14.7s		LR	LR		
LZH	comp-Z,58um,16.4s		LR	LR		
PATS	Pohnpei	32.63 152	eP	pP	11 50 41.1	-6.6
GVA	Guiyang	33.06 263	i/P	P	11 50 43.9	-0.7
GVA			PP	PnPn	11 51 54.3	0.0
GVA			PcP	PcP	11 53 29.0	+1.1
GVA			S	S	11 56 00.4	-1.9
GVA			ScP	ScP	11 57 11.8	+1.2
GVA			SS	SnSn	11 58 02.0	+0.7
GVA			ScS	ScS	12 01 11.6	+0.4
GVA			Pmax	Pmax		
GVA	comp-Z,140nm,1.0s		Pmax	Pmax		
GVA	comp-Z,2um,9.6s		LR	LR		
GVA	comp-Z,24um,18.0s		LR	LR		
GVA	comp-Z,17um,24.8s		LR	LR		
MOY	Mondy	33.55 310	eP	P	11 50 49.3	+0.7
MOY	comp-Z,307nm,3.8s		Pmax	Pmax		
CD2	Chengdu	33.57 272	i/P	P	11 50 47.5	-1.5
CD2			pP	pP	11 50 57.9	-0.9
CD2			sP	sP	11 51 02.8	+6.9
CD2			PP	PP	11 52 04.8	-0.2
CD2			Pmax	Pmax	11 56 10.3	+0.3
CD2	comp-Z,120nm,0.9s		Pmax	Pmax		
CD2	comp-Z,5um,7.2s		LR	LR		
CD2	comp-Z,56um,13.9s		LR	LR		
CD2	comp-Z,34um,13.7s		LR	LR		
CD2	comp-Z,39um,13.3s		LR	LR		
MIDW	Midway	33.68 93	eP	P	11 50 49.6	-0.2
MIDW	comp-Z,98nm,0.7s		LR	LR		
BILL	Bilibino	33.75 15d	i/P	P	11 50 50.0	0.0
BILL			e	S	11 51 59.6	
BILL			i/S	S	11 56 01.0	-1.1
BILL			i/SS	SnSn	11 58 17.1	+0.2
BILL			Pmax	Pmax		
BILL	comp-Z,330nm,1.0s		MLR	MLR		
BILL	comp-Z,10um,15.0s		MLR	MLR		
BILL	comp-Z,300nm,1.0s		P	P	11 50 49.7	-0.3
BILL			eP	P	11 50 49.7	-0.3
BILL			eP	P	11 50 49.7	-0.3
DAV	Davao City (W)	33.92 214	PFAKE	LR	11 51 00.0	+8.0
PAGZ	Pagadian	34.27 218	eP	P	11 50 55.9	+0.9
GTA	Gaotai	34.44 288	i/P	P	11 50 57.0	+0.5
GTA			pP	pP	11 51 01.5	-2.0
GTA			sP	sP	11 51 04.3	-2.1
GTA			PcP	PcP	11 53 33.0	+1.4
GTA			S	S	11 56 21.8	-1.7
GTA			sS	sS	11 56 30.1	-4.9
GTA			SS	SnSn	11 58 30.0	-4.6
GTA			Pmax	Pmax		
GTA	comp-Z,200nm,1.1s		Pmax	Pmax		
GTA	comp-Z,5um,5.7s		LR	LR		
GTA	comp-Z,34um,16.4s		LR	LR		
GTA	comp-Z,41um,16.4s		LR	LR		
QIZ	Qiongzong	34.58 249	P	P	11 50 58.0	+0.3
QIZ			S	S	11 56 26.6	+1.1
QIZ			ScS	ScS	12 01 19.3	+0.2
QIZ			Pmax	Pmax		
QIZ	comp-Z,2um,10.2s		LR	LR		
QIZ	comp-Z,21um,17.3s		LR	LR		
QIZ	comp-Z,24um,18.2s		LR	LR		
QIZ	comp-Z,15um,13.5s		LR	LR		
QIZ	Qiongzong	34.58 249	eP	P	11 50 58.7	+1.0
QIZ			eS	S	11 56 32.7	+7.1
QIZ			LR	LR		
KWAJ	Kwajalein Atol	35.27 136	eP	P	11 51 04.2	+0.5
KWAJ			eS	S	11 56 44.9	+8.6
KWAJ			S	S	11 51 04.2	+0.5
KWAJ			S	S	11 56 44.9	+8.6
KMI	Kunming	36.81 263	pP	pP	11 51 25.4	+1.3
KMI			sP	sP	11 51 28.9	+2.0
KMI			PP	PnPn	11 52 41.3	+0.3
KMI			S	S	11 56 51.9	-8.3

KMI			sS	sS	11 57 06.3	-5.4
KMI			Pmax	Pmax		
KMI	comp-Z,63nm,1.6s		Pmax	Pmax		
KMI	comp-Z,3um,8.4s		LR	LR		
KMI	comp-Z,37um,21.6s		LR	LR		
KMI	comp-Z,17um,23.4s		LR	LR		
KMI	comp-Z,27um,15.3s		LR	LR		
UNV	Unalaska Valle	38.02 47	eP	P	11 51 25.0	-1.6
SMPI	Sarmi	38.87 188	P	P	11 51 35.9	+1.7
MYLDM	Lahad Datu	39.06 222	eP	P	11 51 37.3	+1.4
JAY	Jayapura	39.21 185	P	P	11 51 38.4	+1.3
JAY	comp-Z,4.1nm,0.7s,baz=274,slow=20,SNR=26		LR	LR	12 04 18.2	
JAY	Jayapura	39.21 185	P	P	11 51 39.2	+2.1
JAY	comp-Z,95nm,1.2s,comp-Z,2um		P	P	11 51 39.2	+2.1
SWI	Sorong	39.22 200	P	P	11 51 38.6	+1.4
GENI	Genyem	39.32 186	P	P	11 51 39.5	+1.5
SDKM	Sandakan	39.40 222	i/P	P	11 51 42.7	+3.9
KKM	Kota Kinabalu	39.63 226	eP	P	11 51 41.8	+1.0
KKM			LR	LR		
KKM	comp-Z,7um,21.0s		LR	LR		
KKM	Kota Kinabalu	39.63 226	i/P	P	11 51 44.2	+3.4
UBPT	Khong Chiam	40.17 248	P	P	11 51 46.1	+1.0
UBPT	comp-Z,172nm,1.4s,comp-Z,4um		P	P	11 51 46.1	+1.0
LBMI	Labuha	40.19 206	P	P	11 51 46.7	+1.5
SKNT	Sakolnakhorn	40.24 251	P	P	11 51 46.5	+0.7
SKNT	comp-Z,198nm,1.2s,comp-Z,3um		P	P	11 51 46.5	+0.7
GMSI	Cibinong	40.43 211	P	P	11 51 50.7	+3.5
KTOI	Gorontalo	40.79 213	P	P	11 51 56.6	+1.4
KTOI	comp-Z,175nm,1.1s,comp-Z,3um		P	P	11 51 56.6	+1.4
FAKI	Fak Fak	40.94 198	eP	P	11 51 53.6	+2.2
FAKI	Fak Fak	40.94 198	eP	P	11 51 51.0	-0.4
FAKI	comp-Z,162nm,0.9s		ePcP	PcP	11 53 50.0	-1.7
FAKI			P	P	11 51 54.2	+0.7
CRAI	Chiangrai	41.18 259	P	P	11 51 56.0	+0.8
CRAI	comp-Z,494nm,1.2s,comp-Z,2um		P	P	11 51 56.0	+0.8
MRSI	Marisa	41.40 214	P	P	11 51 56.4	-0.3
SDPT	Sand Point	41.62 45	eP	P	11 51 56.4	-0.3
SDPT	comp-Z,77nm,1.0s		P	P	11 51 56.4	-0.3
SANI	Sanana	42.03 207	P	P	11 51 59.9	-0.5
MSAI	Masohi	42.26 222	P	P	11 52 04.1	+1.8
LWUI	Luwuk	42.39 212	P	P	11 52 03.7	+0.4
LWUI	Luwuk	42.39 212	eP	P	11 52 02.6	-0.8
LWUI	comp-Z,290nm,1.0s		P	P	11 52 03.8	+0.2
CHAI	Chaiyaphum	42.41 255	P	P	11 52 04.7	+1.0
CHAI	comp-Z,98nm,0.8s,comp-Z,65nm		P	P	11 52 04.7	+1.0
UTTA	Uttaradit	42.42 252	P	P	11 52 03.7	+1.0
UTTA	comp-Z,41nm,0.9s,comp-Z,295nm		P	P	11 52 03.7	+1.0
WMQ	Urumqi	42.64 298	P	P	11 52 06.3	+1.1
WMQ			pP	sP	11 52 16.0	+0.9
WMQ			PcP	PcP	11 52 04.1	+1.8
WMQ			S	S	11 58 28.4	+1.5
WMQ			ScS	ScS	12 02 00.3	-4.8
WMQ			Pmax	Pmax		
WMQ	comp-Z,86nm,1.3s		Pmax	Pmax		
WMQ	comp-Z,4um,8.7s		LR	LR		
WMQ	comp-Z,18um,19.3s		LR	LR		
WMQ	comp-Z,7um,20.1s		LR	LR		
WMQ	comp-Z,12um,24.7s		LR	LR		
LAMP	Lampang	42.70 257	P	P	11 52 07.4	+1.5
LAMP	comp-Z,36nm,1.0s,comp-Z,36nm		P	P	11 52 07.4	+1.5
NLAI	Namlea	42.75 205	P	P	11 52 08.3	+2.1
PBKT	Sadao Pong	42.79 254	P	P	11 52 07.1	+0.5
PBKT	comp-Z,202nm,1.2s,comp-Z,3um		P	P	11 52 07.1	+0.5
CMMT	Chiang Mai	43.08 258	P	P	11 52 09.3	+0.3
CMMT	comp-Z,127nm,1.2s,comp-Z,3um		P	P	11 52 09.3	+0.3
CHTO	Chiang Mai	43.08 258	P	P	11 52 09.4	+0.4
CHTO	comp-Z,571nm,1.2s,comp-Z,12um		P	P	11 52 09.4	+0.4
CHTO	Chiang Mai	43.08 258	eP	Pmax	11 52 08.5	-0.5
CHTO			Pmax	Pmax		
CHTO	comp-Z,102nm,0.9s		MLR	MLR		
CHTO	Chiang Mai	43.08 258	P	P	11 52 09.1	+0.1
CHTO	SNR=69		P	P	11 52 09.1	+0.1
CHTO	Chiang Mai	43.08 258	eP	P	11 52 08.5	-0.5
CHTO	comp-Z,102nm,0.9s		LR	LR		
CHTO	Chiang Mai	43.08 258	P	P	11 52 09.1	+0.1
CHTO	SNR=69		P	P	11 52 09.1	+0.1
CHTO	Chiang Mai	43.08 258	eP	P	11 52 08.5	-0.5
CHTO	comp-Z,9um,21.0s		LR	LR		
BNDI	Bandanaira	43.09 200	P	P	11 52 11.5	+2.5
CMAR	Chiang Mai Arr	43.28 257	eP	P	11 52 11.4	+0.8
CMAR	comp-Z,32nm,0.8s,baz=46,slow=7.1,SNR=97		LR	LR	12 11 27.7	
CMAR			LR	LR		
ZALV	Zalesovo Beam	43.48 313	P	P	11 52 11.7	-0.1
ZALV	comp-Z,110nm,0.9s,baz=91,slow=5.9,SNR=125		P	P	11 52 11.7	-0.1
ZALV	comp-Z,126nm,0.9s,baz=93,slow=3.1,SNR=8.4		LR	LR	12 10 35.9	
ZALV	comp-Z,14um,19.8s,baz=70,slow=36		P4KPbc	P4KPbc	12 30 08.3	
ZALV	comp-Z,0.5nm,0.5s,baz=57,slow=5.5,SNR=3.5		P	P	11 52 11.7	-0.1
ZALV	Zalesovo Beam	43.48 313	P</			

Table with columns for station call letters, frequency, and various signal quality indicators (P, M, S, etc.). Includes stations like BIDO, BANOM, HLID, DLMT, etc.

Table with columns for station call letters, frequency, and various signal quality indicators. Includes stations like NACGM, NAZ, DIGO, SMMCO, etc.

Table with columns for station call letters, frequency, and various signal quality indicators. Includes stations like AKASG, FURC, LRMC, SNCC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KRCL, KRKC, KRLL, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KONT, Konya-Tatoy, SZH, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NKC, Novy Kostel, ESY, etc.

Table with columns for location, address, phone, and other details. Includes entries like PPCV Paphos, ARSA Arzberg, MOA Molin, etc.

Table with columns for location, address, phone, and other details. Includes entries like STNC Stoke, LJU Lubjuna, UCC Uccle, etc.

Table with columns for location, address, phone, and other details. Includes entries like J41A Loganville, R34A Isabella Hill, FNA Florida, etc.

17d 11h

Table with columns: ID, Name, SNR, and other metrics. Includes entries like Q37A Longview Farm, TUE Stuetta, IWEX Carriekbyrne, etc.

2011 AUG

Table with columns: ID, Name, SNR, and other metrics. Includes entries like VLC comp=Z,27nm,0.9s, ABTX Abilene, Hawle, etc.

814

Table with columns: ID, Name, SNR, and other metrics. Includes entries like W39A Magazine, REVV Revere, V40A Whts Springs, etc.

M54A	Oil Creek Stat	92.53	31	P	P	11 57 19.7	-0.3
239A	Gary	92.54	46	P	P	11 57 19.7	-0.5
241A	Richard Creek	92.58	44	P	P	11 57 19.7	-0.6
140A	Cam and Jess,	92.60	45	P	P	11 57 20.4	0.0
X43A	Marvell	92.70	42	P	P	11 57 20.2	-0.6
Y42A	Garnett, Star	92.72	43	P	P	11 57 21.1	+0.1
933A	Laredo	92.75	52	P	P	11 57 21.4	+0.2
Y45A	Humboldt	92.79	40	P	P	11 57 20.6	-0.7
735A	Kenedy	92.80	51	P	P	11 57 21.6	+0.2
W44A	Shelby Farms P	92.80	41	P	P	11 57 20.7	-0.7
636A	Smothers Creek	92.82	50	P	P	11 57 21.9	+0.4
537A	Green Hill Far	92.84	49	P	P	11 57 21.0	-0.6
834A	Tilden	92.85	52	P	P	11 57 21.7	0.0
N54A	Moraine State	92.85	32	P	P	11 57 21.3	-0.1
438A	Sam Houston St	92.87	48	P	P	11 57 21.7	0.0
240A	Hunter Patters	92.93	46	P	P	11 57 21.6	-0.4
339A	Huntington	92.99	47	P	P	11 57 21.6	-0.6
141A	Papa Simpson,	93.00	45	P	P	11 57 22.2	-0.1
CLTB	Calabellotta	93.02	323	PFAKE	LR	11 57 30.0	+7.6
PKME	PKME-Kenny Pk	93.03	23	PFAKE	LR	11 57 30.0	+7.8
Z42A	Norrel Spur, H	93.05	44	P	P	11 57 22.2	-0.3
X44A	Greensaw	93.11	42	P	P	11 57 21.6	-1.2
W45A	Hickory Valley	93.12	41	P	P	11 57 22.0	-0.8
Y43A	Makayla and Ka	93.13	43	P	P	11 57 23.1	+0.2
LRDF	Laroque-de-Fa	93.15	333	eP	PP	11 57 23.4	+0.6
835A	Beeville	93.19	51	P	P	11 57 23.1	-0.1
736A	Circle Diamond	93.19	50	P	P	11 57 23.1	-0.1
934A	Benavides	93.23	52	P	P	11 57 24.2	+0.8
538A	Harpers Horsep	93.24	48	P	P	11 57 24.1	+0.6
439A	Center Grove,	93.25	47	P	P	11 57 23.5	0.0
VSL	Villasalto	93.26	326	eP	PP	11 57 23.0	-0.4
VSL	Villasalto	93.26	326	eP	PP	12 01 07.9	+1.7
637A	Eagle Lake	93.29	49	P	P	11 57 24.3	+0.6
340A	Bronson	93.31	46	P	P	11 57 23.5	-0.3
BIN1	Binghamton	93.41	28	eP	PP	11 57 24.2	+0.2
BIN1	BIN1	93.41	28	eP	PP	12 01 09.0	+1.7
241A	Mo Tay, Golden	93.43	45	P	P	11 57 24.1	-0.1
HNH	Hanover	93.44	25	eP	P	11 57 24.9	+0.7
HNF	Filloles	93.47	332	eP	PP	11 57 10.1	+2.6
Y44A	Strider, Charl	93.48	42	P	P	11 57 24.3	-0.2
Z43A	Armstrong Fami	93.48	43	P	P	11 57 24.7	+0.2
OXF	Oxford	93.49	41	eP	P	11 57 24.2	-0.3
OXF	Oxford	93.49	41	eP	P	11 57 24.2	-0.3
OXF	Oxford	93.49	41	eP	P	11 57 24.2	-0.3
034A	Hebbronville	93.50	52	P	P	11 57 25.5	+0.8
WVL	Waterville	93.55	23	eP	P	11 57 25.1	+0.5
X45A	UM Field Stati	93.57	42	P	P	11 57 24.8	-0.1
142A	Monroe	93.59	44	P	P	11 57 25.3	+0.3
KVTX	Kingsville	93.67	52	eP	P	11 57 27.2	+1.7
KVTX	KVTX	93.67	52	eP	PP	12 01 11.6	+1.7
737A	Port Lavaca	93.71	50	P	P	11 57 26.4	+0.8
WDD	Wied Dalam	93.74	321	PFAKE	LR	11 57 40.0	+1.4
440A	Kirbyville	93.76	47	P	P	11 57 26.1	+0.2
143A	Socs Landing,	93.78	44	P	P	11 57 26.1	+0.2
539A	Cross D Ranch,	93.78	48	P	P	11 57 26.5	+0.6
341A	Kurthwood	93.79	46	P	P	11 57 25.4	-0.5
VALF	Valcebollere	93.81	333	eP	PP	11 57 26.4	+0.3
242A	Grayson	93.83	45	P	P	11 57 25.5	-0.7
638A	Rosharon	93.84	49	P	P	11 57 26.1	-0.1
FFD	Franklin Falls	93.87	25	eP	P	11 57 26.5	+0.4
Z44A	Pea Ridge, Bel	93.88	43	P	P	11 57 25.9	-0.4
Y45A	Yeager Farm, C	93.92	42	P	P	11 57 25.9	-0.6
035A	Standing Stone	93.96	52	P	P	11 57 27.0	+0.2
SSPA	SSPA	93.99	30	eP	P	11 57 26.6	-0.1
SSPA	SSPA	93.99	30	eP	PP	12 01 14.3	+2.4
056A	Blue Knob Stat	94.02	31	eP	PP	11 57 26.4	-0.5
RESF	Ens	94.06	334	eP	P	11 57 28.5	+1.3
REVF	Montagne du Re	94.08	335	eP	P	11 57 28.0	+0.8
EMMW	East Michias	94.09	22	eP	P	11 57 27.0	-0.1
936A	North Padre Is	94.12	51	P	P	11 57 27.2	-0.3
738A	Farr-Stevens R	94.14	49	P	P	11 57 27.6	0.0
540A	Vidor	94.14	47	P	P	11 57 26.9	-0.6
441A	DeRidder	94.21	46	P	P	11 57 27.0	-0.9
Z45A	Winona	94.21	42	P	P	11 57 27.8	-0.1
342A	Flagon Creek P	94.25	45	P	P	11 57 28.4	+0.3
Y46A	Houston	94.27	42	P	P	11 57 27.2	-0.9
LARF	Larrau	94.32	335	eP	P	11 57 29.5	+1.3
035Z	Hargill	94.32	52	P	P	11 57 27.9	-0.6
243A	Waterproof	94.35	45	P	P	11 57 28.2	-0.3
144A	Alexander Plac	94.37	43	P	P	11 57 28.7	+0.1
VBMS	Vicksburg	94.63	44	P	P	11 57 30.1	+0.3
145A	Houston Renfro	94.67	43	P	P	11 57 29.5	-0.4
242A	Avery, Jackson	94.67	44	P	P	11 57 29.7	-0.3
442A	Mamou	94.68	46	P	P	11 57 31.0	+1.0

QUA2	Belchertown	94.68	26	eP	P	11 57 30.1	+0.3
343A	Vidalia	94.72	45	P	P	11 57 30.9	+0.7
541A	Lak Charles	94.72	47	P	P	11 57 30.7	+0.5
Z46A	Louisville	94.75	42	P	P	11 57 30.1	-0.2
HRV	Adam Dzewonsk	94.75	25	eP	P	11 57 30.2	+0.1
HRV	Adam Dzewonsk	94.75	25	eP	P	12 01 19.5	
HRV	Adam Dzewonsk	94.75	25	eP	P	11 57 30.2	+0.1
HRV	Adam Dzewonsk	94.75	25	eP	P	12 01 19.5	
HRV	Adam Dzewonsk	94.75	25	eP	P	11 57 30.2	+0.1
Y47A	UCPARC, Winfie	94.79	41	eP	PP	12 01 19.5	+1.8
TZTN	Tazewell	94.86	36	eP	P	11 57 30.5	-0.3
TZTN	Weston	94.94	25	eP	PP	12 01 19.5	+0.7
WES	Weston	94.94	25	eP	PP	11 57 30.8	-0.2
WES	Weston	94.94	25	eP	PP	12 01 19.9	
WES	Weston	94.94	25	eP	P	11 57 30.8	-0.2
WES	Weston	94.94	25	eP	P	11 57 30.8	-0.2
443A	Delano Plantat	95.01	45	eP	PP	12 01 19.9	+0.7
542A	Morse	95.04	46	P	P	11 57 32.3	+0.6
344A	Westbrook Farm	95.09	44	P	P	11 57 31.8	-0.1
146A	Union	95.11	42	P	P	11 57 31.0	-1.0
245A	Little AP, Sta	95.12	43	P	P	11 57 31.4	-0.6
Z47A	Carrollton	95.21	41	P	P	11 57 31.8	-0.6
BRYW	Bryant College	95.28	26	eP	PP	11 57 36.1	+0.9
BRYW	Bryant College	95.28	26	eP	PP	12 01 23.1	+2.2
Z48A	Northport	95.35	41	P	P	11 57 32.1	-1.0
543A	St. Martinville	95.47	46	P	P	11 57 34.1	+0.4
147A	Livingston	95.51	42	P	P	11 57 32.6	-1.2
246A	Jackson Lee, B	95.55	43	P	P	11 57 34.3	+0.3
345A	Thompson Farm,	95.59	44	P	P	11 57 34.6	+0.4
444A	Pine Grove	95.64	45	P	P	11 57 34.7	+0.3
BLA	Blacksburg	95.76	34	eP	P	11 57 35.0	0.0
BLA	Blacksburg	95.76	34	eP	P	12 01 25.1	
BLA	Blacksburg	95.76	34	eP	P	11 57 35.0	0.0
BLA	Blacksburg	95.76	34	eP	P	12 01 25.1	-0.8
247A	Quitman	95.80	43	P	P	11 57 34.7	-0.5
346A	Big Creek Wild	95.84	44	P	P	11 57 34.6	-0.7
544A	White Castle	95.85	45	P	P	11 57 35.7	+0.3
445A	Amite	95.86	45	P	P	11 57 35.9	+0.5
LRAL	Lakeview Retre	95.91	41	eP	P	11 57 36.1	+0.5
LRAL	Lakeview Retre	95.91	41	eP	P	12 01 25.5	-1.6
248A	Dixon Mills	96.24	42	P	P	11 57 37.4	+0.2
CBN	Corbin Frederi	96.26	31	PFAKE	LR	11 57 50.0	+1.3
545A	Edgard	96.29	45	P	P	11 57 37.4	0.0
347A	Sanand	96.34	43	P	P	11 57 36.4	-1.2
KEST	Keora	96.35	324	eP	P	11 57 37.7	0.0
KEST	Keora	96.35	324	eP	P	12 45 50.6	
466A	Poplarville	96.35	44	P	P	11 57 36.6	-1.1
546A	Slidell	96.58	44	P	P	11 57 39.2	+0.5
645A	Chauvin	96.67	46	P	P	11 57 39.1	0.0
348A	Jackson	96.68	42	P	P	11 57 39.4	+0.2
447A	Lucoedale	96.74	43	P	P	11 57 39.1	-0.4
RKT	Rikitea	96.91	114	eP	PP	12 01 25.0	-1.1
RKT	Rikitea	96.91	114	eP	PP	12 08 14.0	-1.9
RKT	Rikitea	96.91	114	eP	PP	12 08 55.1	-6.2
RKT	Rikitea	96.91	114	eP	PP	12 10 21.9	-3.4
RKT	Rikitea	96.91	114	eP	PP	12 15 32.7	-5.3
RKT	Rikitea	96.91	114	eP	PP	12 28 36.3	
646A	Port Sulphur	97.01	45	P	P	11 57 40.7	0.0
KMSC	Kings Mountain	97.05	36	P	P	11 57 38.5	-2.2
KMSC	Kings Mountain	97.05	36	P	P	11 57 40.7	0.0
KMSC	Kings Mountain	97.05	36	P	P	12 01 37.2	+1.5
448A	Bay Minette	97.08	43	P	P	11 57 39.9	-1.0
PBRG	Braganca	97.27	338	eP	P	11 57 41.1	-0.6
PBRG	Braganca	97.27	338	eP	PP	12 01 33.6	-3.6
BRAL	Brewton	97.33	42	eP	PP	11 57 44.5	+2.4
BRAL	Brewton	97.33	42	eP	PP	12 01 33.6	-3.6
GOGA	Godfrey	97.42	38	eP	P	11 57 42.5	0.0
GOGA	Godfrey	97.42	38	eP	P	12 01 42.7	
GOGA	Godfrey	97.42	38	eP	P	11 57 42.5	0.0
GOGA	Godfrey	97.42	38	eP	P	12 01 42.7	
GOGA	Godfrey	97.42	38	eP	P	11 57 42.5	0.0
GOGA	Godfrey	97.42	38	eP	P	12 01 42.7	
PGAV	Gaviera, Arco	97.56	339	eP	P	11 57 42.5	-0.6
PGAV	Gaviera, Arco	97.56	339	eP	PP	12 01 38.8	-0.7
PGAV	Gaviera, Arco	97.56	339	eP	SS	12 15 46.6	+2.2
PGAV	Gaviera, Arco	97.56	339	eP	SS	12 30 35.7	
MVO	Moncorvo	97.94	338	eP	P	11 57 44.8	0.0
MVO	Moncorvo	97.94	338	eP	PP	12 01 42.5	+0.1
MVO	Moncorvo	97.94	338	eP	PP	12 30 28.6	
POLO	Lamas de Olo	97.97	339	eP	P	11 57 44.8	-0.1
POLO	Lamas de Olo	97.97	339	eP	PP	12 01 42.8	+0.1
POLO	Lamas de Olo	97.97	339	eP	SS	12 15 54.5	+4.3
POLO	Lamas de Olo	97.97	339	eP	SS	11 57 45.8	+0.6
PVRL	Vila Real	98.04	339	eP	P	12 01 47.5	+4.4
ESDC	Sonseca Aray	98.32	335	eP	P	11 57 46.3	-0.2
ESDC	Sonseca Aray	98.32	335	eP	PP	12 01 46.0	+0.6
ESDC	Sonseca Aray	98.32	335	eP	PP	12 48 20.0	
CNNC	Cliffs of the	98.53					

17d 12h

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

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Table listing station names, frequencies, and technical specifications for various stations, including international and regional stations.

816

Table listing station names, frequencies, and technical specifications for various stations, including international and regional stations.

0.4nm,0.5s,baz=109,slow=7.9,SNR=5.1
FINES FINES Array B 145.22 340 PKPbc PKPbc 12 32 10.9 -0.1
1.2nm,0.8s,baz=44,slow=5.8,SNR=4.4

IDC 17 12:13:06.3:1.2,36:70N:143:88E,h0km,mb3.5/3,
mb1 3.9/6,mb1mx3.5/60,mbtmp3.8/6,ML3.6/2,Error
ellipse: s-maj=38.3km s-min=25.5km az=112.0

ISCJB 17 12:13:10.3:1.2,36:5N:0:1:143:7E:0.1,h33km,mb3.6/3,
Error ellipse: s-maj=19.9km s-min=13.2km az=144.6

ISC 17 12:13:12.1:1.4,36:5N:0:1:143:8E:0.1,h35km,n7,
o=675/7,mb3.7/3,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include MJAR Matsushiro Arr, MAT Matsushiro, JHJ Hachioji jima 2, ASAJ Ashikawa, WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajitas Array.

IDC 17 12:13:23.4:0.7,36:59N:143:84E,h0km,mb3.9/16,
mb1 4.1/20,mb1mx4.0/61,mbtmp4.0/20,ML3.9/3,Error
ellipse: s-maj=18.5km s-min=16.8km az=88.0

ISCJB 17 12:13:26.9:0.5,36:73N:0:0:143:64E:0:0.4,h33km,
mb4.0/21,Error ellipse: s-maj=5.4km s-min=5.0km
az=30.2

JMA 17 12:13:27.3:0.2,36:78N:143:63E,h54km,M4.2
NEIC 17 12:13:28.5:0.5,36:67N:143:31E,h35km,mb4.2/3,Error
ellipse: s-maj=11.3km s-min=9.9km az=100.0

ISC 17 12:13:28.9:0.6,36:72N:0:0:143:67E:0:0.7,h35km,n51,
o=1559/52,mb4.0/21,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include JFK Kawauchi, ONAJ Iwakimizuishiy, JIO Ouri, JFT Otama, JMK Ichinoseki, BSO1 Boso 1, JAG Ashikawa, JYK Kaneyama, JRY Ryogami san, JOD2 Odawara 2, MJAR Matsushiro Arr.

IDC 17 12:13:28.9:0.6,36:72N:0:0:143:67E:0:0.7,h35km,n51,
o=1559/52,mb4.0/21,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include JFK Kawauchi, ONAJ Iwakimizuishiy, JIO Ouri, JFT Otama, JMK Ichinoseki, BSO1 Boso 1, JAG Ashikawa, JYK Kaneyama, JRY Ryogami san, JOD2 Odawara 2, MJAR Matsushiro Arr.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ERM Erimo, ASAJ Ashikawa, ASAJ Ashikawa, USRS Utsuriyaki Arr., KSRK Korea Array, KSAR Wonju Array Be, KLR Kul dur.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include SONM Songino Array, CMAR Chiang Mai Arr, ZALV Zalesovo Beam, LSA Lhasa, KURK Kurchatov, KURBB Kurchatov Arr, ILAR Eielson Array, COEN Coen, BVAR Borovoye Array, KKAR Karatay Array, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, GEYT Alibec, STKA Stephens Creek.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include FINES FINES Array B, NB2 NORSAR Subarra, NOA NORSAR Array B, AKASG Malin Array Be, PDAR Pinedale Array, BRTR Keskin Array B, CLL Collin, TXAR Lajitas Array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include JMA 17 12:26:37.1:2.7,35:39N:141:25E,h0km,mb3.4/2,
mb1 3.5/4,mb1mx3.2/58,mbtmp3.3/4,ML2.8/2,Error
ellipse: s-maj=52.9km s-min=32.7km az=63.0

ISCJB 17 12:26:39.9:1.2,35:46N:0:0:141:2E:0.1,h33km,
mb3.5/2,Error ellipse: s-maj=15.6km s-min=6.8km
az=164.0

JMA 17 12:26:42.5:0.2,35:53N:140:91E,h37km,1km,M2.7
ISC 17 12:26:41.0:1.6,35:48N:0:0:141:2E:0.1,h33km,n10,
o=651/13,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include CHOU Chosi, CHOU Chosi, JCN Nagara, BSO3 Boso 3, JFT Otama, JHO Hitachi, MJAR Matsushiro Arr.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ERM Erimo, ERM Erimo, ERM Erimo, ASAJ Ashikawa, ASAJ Ashikawa, ASAJ Ashikawa.

IDC 17 12:26:42.5:0.2,35:53N:140:91E,h37km,1km,M2.7
ISC 17 12:26:41.0:1.6,35:48N:0:0:141:2E:0.1,h33km,n10,
o=651/13,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include CHOU Chosi, CHOU Chosi, JCN Nagara, BSO3 Boso 3, JFT Otama, JHO Hitachi, MJAR Matsushiro Arr.

Table with columns: MAT Matsushiro, MAT Matsushiro, JHJ Hachioji jima 2, JHJ Hachioji jima 2, WRA Warramunga Arr, ASAR Alice Springs.

IDC 17 12:27:12.2:1.2,49:51S:125:02E,h0km,mb4.1/6,
mb1 4.3/6,mb1mx3.9/30,mbtmp4.2/6,Error ellipse:
s-maj=56.3km s-min=22.2km az=114.0,Western
Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include H01W1 Cape Leeuwijn H, H01W2 Cape Leeuwijn H, H01W3 Cape Leeuwijn H, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, SNAW Sanaw, H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include CMAR Chiang Mai Arr, KSRK Korea Array, EKA Eskdalemuir Arr.

IDC 17 12:28:18.6:1.0,36:69N:143:81E,h0km,mb3.5/5,
mb1 3.9/7,mb1mx3.6/56,mbtmp3.6/7,ML3.6/3,Error
ellipse: s-maj=30.5km s-min=20.5km az=115.0

ISCJB 17 12:28:22.0:0.7,36:71N:0:0:143:68E:0:0.6,h33km,
mb3.6/5,Error ellipse: s-maj=8.7km s-min=6.6km az=102.2

JMA 17 12:28:24.2:0.3,36:86N:143:57E,h59km,M3.5
ISC 17 12:28:23.6:1.0,36:75N:0:0:143:71E:0:0.8,h35km,n19,
o=1511/23,mb3.6/5,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include JFK Kawauchi, ONAJ Iwakimizuishiy, JIO Ouri, JFT Otama, JMK Ichinoseki, BSO1 Boso 1, JAG Ashikawa, JYK Kaneyama, JRY Ryogami san, JOD2 Odawara 2, MJAR Matsushiro Arr.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include MJAR Matsushiro, MAT Matsushiro, JHJ Hachioji jima 2, JHJ Hachioji jima 2, ASAJ Ashikawa, ASAJ Ashikawa, USRS Utsuriyaki Arr., KSRK Korea Array, KSAR Wonju Array Be, KLR Kul dur.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs, NOA NORSAR Array B, TXAR Lajitas Array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ISCBJ 17 12:28:32.6:0.7,21:41S:0:03:68:6W:0:1,h146km,8km,
mb3.9/1,Error ellipse: s-maj=17.4km s-min=5.7km az=0.5

IDC 17 12:28:33.0:1.0,21:43S:68:26W,h124km,18km,mb3.9/1,
mb1 3.6/3,mb1mx3.2/33,mbtmp4.0/3,Error ellipse:
s-maj=62.7km s-min=11.4km az=99.0

NEIC 17 12:28:33.0:1.0,21:40S:68:69W,h142km,MG4.1(GUC),
After GUC.

GUC 17 12:28:33.1:0.6,21:40S:68:69W,h142km,4km,ML4.1
ISC 17 12:28:33.4:1.0,21:41S:68:66W:0:1,h137km,gkm,
n15,o=674/28,6C-ID,Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include PB09 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, LVC Limon Verde, PB07 IPOC Station P, PB07 IPOC Station P, PB08 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P, HMCB Humberstone, HMCB Humberstone, HMCB Humberstone, PB04 IPOC Station P, PB04 IPOC Station P, MNMC Minye Minye, MNMC Minye Minye, MNMC Minye Minye, MNMC Minye Minye.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include PB12 IPOC Station P, PB12 IPOC Station P, LPAZ La Paz, LPAZ La Paz, PLCA Paso Flores, PLCA Paso Flores, TORO Torodi Arr, ASAR Alice Springs, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include JMA 17 12:30:07.0:2.6,36:87N:143:66E,h53km,M3.9,Off east
coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include CHOU Chosi, CHOU Chosi, JCN Nagara, BSO3 Boso 3, JFT Otama, JHO Hitachi, MJAR Matsushiro Arr.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ERM Erimo, ERM Erimo, ERM Erimo, ASAJ Ashikawa, ASAJ Ashikawa, ASAJ Ashikawa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ASAJ Ashikawa, ASAJ Ashikawa, ASAJ Ashikawa.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ASAJ Ashikawa, ASAJ Ashikawa, ASAJ Ashikawa.

Table with columns: JFK Kawauchi, ONAJ Iwakimizuishiy, ONAJ Iwakimizuishiy, JIO Ouri, JMM Marumori, JFT Otama, JMK Ichinoseki, JOM Ohasama, JOM Ohasama, JAG Ashikawa, JAG Ashikawa, JRY Ryogami san, JRY Ryogami san, MAT Matsushiro, MAT Matsushiro.

IDC 17 12:41:39.3:0.8,35:40N:141:15E,h0km,mb3.8/9,
mb1 3.9/14,mb1mx3.8/39,mbtmp3.8/14,ML3.8/4,Error
ellipse: s-maj=21.2km s-min=15.2km az=99.0

ISCJB 17 12:41:42.9:0.6,35:49N:0:0:141:17E:0:0.7,h33km,
mb3.7/9,Error ellipse: s-maj=8.1km s-min=5.5km
az=166.9

JMA 17 12:41:44.9:0.2,35:53N:140:93E,h40km,1km,M3.5
Broadband fault plane solution: P waves. NP1:
o=135.00000,886.00000,78.00000. NP2:
o=244.00000,812.00000,160.00000. Principal axes:
T P140.00000, Azm214.00000, N P12.00000,
Azm314.00000, P P148.00000, Azm57.00000;

JMA Felt J1,
ISC 17 12:41:44.4:0.7,35:49N:0:0:141:11E:0:0.8,h33km,n28,
o=659/26,mb3.7/9,2C-ID,Near east coast of eastern
Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include CHOU Chosi, CHOU Chosi, JCN Nagara, JCN Nagara, BSO1 Boso 1, BSO1 Boso 1, BSO3 Boso 3, BSO3 Boso 3, JFT Otama, JFT Otama, JHO Hitachi, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MAT Matsushiro, MAT Matsushiro.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include JHJ Hachioji jima 2, JHJ Hachioji jima 2, ASAJ Ashikawa, ASAJ Ashikawa, KSRK Korea Array, KSRK Korea Array, USRK Utsuriyaki Arr., USRK Utsuriyaki Arr., MA2 Magadan, MA2 Magadan, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include SONM Songino Array, ZALV Zalesovo Beam, ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs, NOA NORSAR Array B, TXAR Lajitas Array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ISCBJ 17 12:28:32.6:0.7,21:41S:0:03:68:6W:0:1,h146km,8km,
mb3.9/1,Error ellipse: s-maj=17.4km s-min=5.7km az=0.5

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include IDIC 17 12:28:33.0:1.0,21:43S:68:26W,h124km,18km,mb3.9/1,
mb1 3.6/3,mb1mx3.2/33,mbtmp4.0/3,Error ellipse:
s-maj=62.7km s-min=11.4km az=99.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include NEIC 17 12:28:33.0:1.0,21:40S:68:69W,h142km,MG4.1(GUC),
After GUC.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include GUC 17 12:28:33.1:0.6,21:40S:68:69W,h142km,4km,ML4.1
ISC 17 12:28:33.4:1.0,21:41S:68:66W:0:1,h137km,gkm,
n15,o=674/28,6C-ID,Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include DJA 17 13:26:54.8:1.0,3:5S:14:0E,1h96km,9km,M3.9/5,
mb4.5/1,MLV3.5/5,Irian Jaya

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include GENI Genyem, JAY Jayapura, WAM Wamena, WAMI Wami, SMP1 SMP1.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include IDC 17 13:48:58.3:0.2,36:09N:142:14E,h0km,mb3.9/10,
mb1 4.0/16,mb1mx3.9/36,mbtmp4.0/16,ML3.7/4,Error
ellipse: s-maj=20.3km s-min=16.1km az=104.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include NEIC 17 13:48:59.5:0.4,36:10N:142:17E,h10km,mb4.5/3,Error
ellipse: s-maj=8.6km s-min=6.5km az=106.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ISCJB 17 13:48:59.4:0.4,36:08N:0:0:142:15E:0:0.5,h23km,
mb4.3/20,M54/5/1,Error ellipse: s-maj=5.6km
s-min=4.2km az=17.9

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include NIED 17 13:49:00:36:10N:142:00E,h23km,Mw4.2 Best double
couple: M2 34000x1015 NP1a=213.00000,833.00000,
1.122 00000. NP2a=356.00000,d62 00000,1.71 00000.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include JMA 17 13:49:01.0:1.0,36:11N:141:98E,h67km,5km,M4.1
MOS 17 13:49:01.0:1.0,36:11N:142:18E,h33km,mb4.4/14,Error
ellipse: s-maj=11.8km s-min=7.5km az=120.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ISC 17 13:49:01.4:0.6,36:10N:0:0:142:15E:0:0.6,h23km,n64,
o=1935/69,mb4.2/20,6C-ID,Off east coast of Honshu

17d 14h

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJ, JNU, MSHR, YSS, USRK, KRSR, KSAR, KLR, HIA, H1N2, H1N1, H1N3, ENH, H1S1, H1S3, SONM, TLY, CMAR, ZALV, NYS, KURK, ILAR, AAK, BRVK, INK, WRAB, WRAB, ASAR, OBN, OBN, OBN, FINES, KIV, NB2, NOA, BRTR, BRTR, LPAZ.

ISCJB 17 13:52:19.3:0.5,23.98N:0.04:122.56E:0.02,h15km,6km, Error ellipse: s-maj=6.1km s-min=2.7km az=169.1 JMA 17 13:52:19.6:0.1,23.98N:122.54E:h30km,4km,M1.9 TAP 17 13:52:20.5,24.03N,122.54E,h51km,2km,ML2.9,3C ISC 17 13:52:20.3:1.2,24.05N:0.04:122.58E:0.02,h30km,13km,n31,c0590/56,Taiwan region

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JYNG, YOV, ENA, TWC, TWC, TWD, TWE, ESL, ESL, IRIF, ENTT, ENTT, HATJ, NNS, NNS, WHF, WHF, NWF, EHY, EHY, NSK, NSK, TWT, TWT, JKRS, JKRS, TWF1.

2011 AUG

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TWF1, JJI, JJI, SMLT, SMLT, NSTT, NSTT, NSTT, YUC, YUC, YUS, YUS, JISG, JISG, ALS, ALS, CHN5, CHN5, CHN5, STYT, STYT, CHN4, CHN4, WTP, WTP, CHN1, CHN1, CHN1, TWK, TWK, ECX 17 14:05:43.9:0.3,31.24N:115.58W,h5km,MD3.0,ML3.2 MEX 17 14:05:45.1:0.4,31.24N:115.51W,h3km,MD3.5 ISC 17 14:05:43.0:1.2,31.26N:105.04:115.64W:0.04,h3km,12km,n18,c1930/32,2D,Baja California

IDC 17 14:12:50.4:99.0,30.65N:15.60E,h0km, Error ellipse: s-maj=498.4km s-min=116.8km az=122.0,Near coast of Libya Code Station Name Az El Az El Phase ID Time Res h m s ISC

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like I48T, I48T, I42PT, I42PT, I11CV, I11CV, ISCJB 17 14:13:32.5:0.5,44.49N:0.02:12.55E:0.04,h20km,6km, Error ellipse: s-maj=4.8km s-min=3.5km az=155.5 CSEM 17 14:13:32.7:0.1,44.46N:12.51E,h20km,ML3.4/1.1, Error ellipse: s-maj=3.1km s-min=2.0km az=100.0 ROM 17 14:13:32.1:0.2,44.48N:12.54E,h21km,3km,Md2.7/3.1, M2.5/26, Error ellipse: s-maj=2.6km s-min=1.7km az=61.0 ISC 17 14:13:31.1:1.0,44.50N:0.02:12.56E:0.02,h13km,9km,n92,c0976/127,Northern Italy

Table with columns: Code, Station Name, Az, El, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PARC, PARC, MPAG, MPAG, ASQU, ASQU, VMG, VMG, VMG, PIEI, PIEI, SEI, SEI, SEI, CRE, CRE, CRE, BADI, BADI, BADI, ATPC, ATPC, ARVD, ARVD, ARVD, TEOL, TEOL, TEOL, SSFR, SSFR, FVND, FVND, FVND, ATMC, ATMC, ATMC, AVTO, AVTO, AVTO, PTF, PTF, AOI, AOI, AOI, CING, CING, CING, MURB, MURB, MURB, CAFI, CAFI, SNTG, SNTG, SNTG, ATCC, ATCC, ATCC, CRMI, CRMI, CRMI, SKDS, SKDS, SKDS, CGRP, CGRP, CGRP, TRI, TRI, TRI, FDMO, FDMO, FDMO, ROVR, ROVR, ROVR, MGAB, MGAB, MGAB, KNDS, KNDS, KNDS, SABO, SABO, NVLJ, NVLJ, NVLJ, NVDL, NVDL, DDD, DDD, PANI, PANI, PANI, FUSE, FUSE, FUSE, RNI, RNI, VISS, VISS, VISS, ZOU, ZOU, UDBI, UDBI, UDBI, OBKA, OBKA, OBKA, SOKA, SOKA, MOA, MOA, MOA, JMA 17 14:32:54.5:0.1,38.48N:142.20E,h25km,2km,M3.5, Near east coast of eastern Honshu

17d 16h

Table with columns: SDV, Santo Domingo, 3.15 50 P, Pn, 16 19 59.4 +0.8, comp=Z,25nm,0.3s,baz=234,slow=10,SNR=97

Table with columns: SJA, 17 16:20:38.2±0.5, 30.02S:67.69W, h14km, 3km, ML3.9, MW3.7, San Juan Province

ISCJB 17 16:29:18.8±0.3, 47.56N:0.02±0.92:57W±0.02, h0km, Error ellipse: s-maj=2.8km s-min=2.2km az=173.1

NEIC 17 16:29:19.9±0.8, 47.59N:92.51W, h0km, MW3.3, Error ellipse: s-maj=12.7km s-min=10.1km az=17.0, Suspected Mining explosion.

NEIC 8 km [5 miles] NNE of Virginia. IDC 17 16:29:21.3±3.7, 47.57N:92.61W, h0km, mb1 2.6/1, mb1mx2.6/44, mbtmp2.6/1, ML1.0/1, Error ellipse: s-maj=69.5km s-min=27.4km az=53.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, C36A Pine Crest Far, 0.25 317 P, Pg, 16 29 24.9 +1.2

Table with columns: SPMM Marine on St., 2.36 184 ePn, Pn, 16 29 59.5 +0.5, baz=4.8

NIED 17 16:32:00.36±30N:139.90E, h80km, Mw4.3, Best double couple: M3.36000±0.1015, N1.9±190.00000, ±86.00000, ±95.00000

IDC 17 16:32:41.8±0.6, 36.21N:139.86E, h93km±4km, mb4.6/18, Error ellipse: s-maj=7.1km s-min=5.6km az=109.0

ISC 17 16:32:41.1±0.5, 36.21N:139.93E±0.04, h84km±4km, n168, ±1543/192, mb4.5/64, 14C-8D, Eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, JYT Yasato, 0.21 84 Op, Pn, 16 32 53.8 +0.5

Table with columns: comp=Z,1.1nm,0.4s,baz=315,slow=3.5,SNR=5.9, YAK Yakutsk, 26.64 349 eP, P, 16 38 10.8 -0.7

H11N2 WAKE ISLAND Hy 28.80 117 T, T, 17 08 52.1, H11N1 WAKE ISLAND Hy 28.80 118 T, T, 17 08 50.2

CMAR Chiang Mai Arr 40.13 255 P, P, 16 40 08.4 -0.5, comp=Z,0.6nm,0.6s,baz=51,slow=5.5,SNR=5.7

CMAR Chiang Mai Arr 40.13 255CeP, Pmax, 16 40 10.8 +0.1, WMQ Urumqi, 40.16 297 P, P, 16 40 09.0 +1.0

LSA Lhasa, 41.10 275 eP, Pmax, 16 40 16.3 -1.0, LSA Lhasa, 41.10 275 eP, Pmax, 16 40 16.2 -1.0

ZAAO Zalesovo Beam, 41.60 313 eP, P, 16 40 20.0 -0.5, ZALV Zalesovo Beam, 41.60 313 P, P, 16 40 20.2 -0.3

NVS Novosibirsk, 42.56 314 eP, Pmax, 16 40 27.0 -1.3, NRIK Noril'sk, 43.53 336 P, P, 16 40 36.1 +0.2

MK01 Makanchi Array, 43.55 303 eP, P, 16 40 35.5 -1.0, MK31 Makanchi Array, 43.55 303 iP, P, 16 40 36.2 -0.3

MK31 Makanchi Array, 43.55 303 eP, P, 16 40 35.8 -0.7, MKAR Makanchi Array, 43.55 303 eP, Pmax, 16 40 35.7 -0.8

MAKZ Makanchi, 43.77 303 P, Pmax, 16 40 37.4 -0.8, MAKZ Makanchi, 43.77 303 eP, P, 16 40 37.3 -0.9

PKI Kakani, 46.57 275 eP, P, 16 41 00.3 -0.7, KKN Kakani, 46.58 276 eP, P, 16 41 00.4 -0.6

17d 18h

STR 17 18:21:38.4-0.3, 42.80N-2.74W, h5km, M13.5, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0
 ISC 17 18:21:34.4-1.0, 42.94N-0.02-3.04W-0.02, h12km, 8km, m309, c2s18/459, 10C-13D, Spain

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res s	ISC
ELAN	Lanestosa	0.41	315	Op Pg	ISC	18 21 42.5	0.0	
ELAN	Lanestosa	0.41	315	Pg	Pg	18 21 42.5	0.0	
ELAN	Lanestosa	0.41	315	Pg	Pg	18 21 42.5	0.0	
EARA	Aranguren	1.09	98	Op Pg	Pg	18 21 55.4	+0.1	
EARA	Aranguren	1.09	98	Pg	Pg	18 21 55.4	+0.1	
IUSE	Utxetxi	1.10	89	Op Pg	Pg	18 21 55.7	+0.2	
IUSE	Utxetxi	1.10	89	Pg	Pg	18 21 55.7	+0.2	
IUSE	Utxetxi	1.10	89	Pg	Pg	18 21 55.7	+0.2	
IUNC	Unciti	1.15	99	Op Pg	Pg	18 21 56.5	0.0	
IUNC	Unciti	1.15	99	Pg	Pg	18 21 56.5	0.0	
IUNC	Unciti	1.15	99	Pg	Pg	18 21 56.5	0.0	
EALK	Alkurruntz	1.16	76	Op Pn	Pn	18 21 55.7	-1.0	
EALK	Alkurruntz	1.16	76	Pn	Pn	18 21 55.7	-1.0	
EALK	Alkurruntz	1.16	76	Pn	Pn	18 21 55.7	-1.0	
IZUN	Zunzarren	1.17	93	Op Pg	Pg	18 21 56.8	0.0	
IZUN	Zunzarren	1.17	93	Pg	Pg	18 21 56.8	0.0	
IZUN	Zunzarren	1.17	93	Pg	Pg	18 21 56.8	0.0	
IPRE	Itzoiz	1.25	96	Op Pg	Pg	18 21 58.5	+0.1	
IPRE	Itzoiz	1.25	96	Pg	Pg	18 21 58.5	+0.1	
IPRE	Itzoiz	1.25	96	Pg	Pg	18 21 58.5	+0.1	
EORO	Oroz-Betelu	1.27	92	Op Pn	Pn	18 21 57.9	-0.1	
EORO	Oroz-Betelu	1.27	92	Pn	Pn	18 21 57.9	-0.1	
EORO	Oroz-Betelu	1.27	92	Pn	Pn	18 21 57.9	-0.1	
IEPA	Eparoz	1.31	96	Op Pg	Pg	18 21 59.8	+1.2	
IEPA	Eparoz	1.31	96	Pg	Pg	18 21 59.8	+1.2	
IEPA	Eparoz	1.31	96	Pg	Pg	18 21 59.8	+1.2	
IELO	Elcoad	1.33	94	Op Pg	Pg	18 21 59.4	+0.6	
IELO	Elcoad	1.33	94	Pg	Pg	18 21 59.4	+0.6	
IELO	Elcoad	1.33	94	Pg	Pg	18 21 59.4	+0.6	
OSSF	Osses	1.34	76	Op Pg	Pg	18 21 59.8	+0.9	
OSSF	Osses	1.34	76	Pg	Pg	18 21 59.8	+0.9	
OSSF	Osses	1.34	76	Pg	Pg	18 21 59.8	+0.9	
SJPF	Ste Jean	1.34	82	Op Pn	Pn	18 22 00.6	+1.7	
SJPF	Ste Jean	1.34	82	Pn	Pn	18 22 00.6	+1.7	
SJPF	Ste Jean	1.34	82	Pn	Pn	18 22 00.6	+1.7	
YARA	Arangoit	1.39	102	Op Pg	Pg	18 22 00.5	+0.8	
YARA	Arangoit	1.39	102	Pg	Pg	18 22 00.5	+0.8	
YARA	Arangoit	1.39	102	Pg	Pg	18 22 00.5	+0.8	
YASP	Aspurt	1.40	98	Op Pg	Pg	18 22 00.6	+0.9	
YASP	Aspurt	1.40	98	Pg	Pg	18 22 00.6	+0.9	
YASP	Aspurt	1.40	98	Pg	Pg	18 22 00.6	+0.9	
YUND	Undues	1.45	104	Op Pg	Pg	18 22 01.1	+0.7	
YUND	Undues	1.45	104	Pg	Pg	18 22 01.1	+0.7	
YUND	Undues	1.45	104	Pg	Pg	18 22 01.1	+0.7	
YOS	Sos del Rey Ca	1.48	109	Op Pg	Pg	18 22 01.4	+0.6	
YOS	Sos del Rey Ca	1.48	109	Pg	Pg	18 22 01.4	+0.6	
YOS	Sos del Rey Ca	1.48	109	Pg	Pg	18 22 01.4	+0.6	
LARF	Larrau	1.51	86	Op Pn	Pn	18 22 02.0	+0.8	
LARF	Larrau	1.51	86	Pn	Pn	18 22 02.0	+0.8	
LARF	Larrau	1.51	86	Pn	Pn	18 22 02.0	+0.8	
YMUS	Pe-a Musera	1.53	103	Op Pg	Pg	18 22 02.3	+0.8	
YMUS	Pe-a Musera	1.53	103	Pg	Pg	18 22 02.3	+0.8	
YMUS	Pe-a Musera	1.53	103	Pg	Pg	18 22 02.3	+0.8	
YSIG	Sigues	1.54	101	Op Pg	Pg	18 22 02.3	+0.7	
YSIG	Sigues	1.54	101	Pg	Pg	18 22 02.3	+0.7	
YSIG	Sigues	1.54	101	Pg	Pg	18 22 02.3	+0.7	
ORDF	Ordari	1.57	79	Op Pn	Pn	18 22 04.4	+1.1	
ORDF	Ordari	1.57	79	Pn	Pn	18 22 04.4	+1.1	
ORDF	Ordari	1.57	79	Pn	Pn	18 22 04.4	+1.1	
YBER	Berdun	1.60	102	Op Pg	Pg	18 22 03.2	+0.7	
YBER	Berdun	1.60	102	Pg	Pg	18 22 03.2	+0.7	
YBER	Berdun	1.60	102	Pg	Pg	18 22 03.2	+0.7	

2011 AUG

822

EARI	Arriondas	1.63	283	Pg	Pn	18 22 04.2	+1.4	
EARI	Arriondas	1.63	283	Pg	Pn	18 22 04.2	+1.4	
EARI	Arriondas	1.63	283	Pg	Pn	18 22 04.2	+1.4	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pg	Pg	18 22 05.2	+1.1	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	
ATE	Arete	1.72	84	Pn	Pn	18 22 05.0	+0.8	

17d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DRK Karamyk, BTK Batken, ARLS Aral, etc.

JMA 17 18:29:30.9-0.1, 24.59N, 121.94E, h77km, 2km, M2.5
ISCJB 17 18:29:31.8-0.5, 24.66N, 0.03, 122.01E, 0.02, h70km, 4km,
Error ellipse: s-maj=4.9km s-min=2.6km az=160.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWC Suao, ILA Ilan, ENA Nanau, etc.

JMA 17 18:29:32.4-1.3, 24.64N, 0.04, 122.01E, 0.03, h67km, 7km,
n54, c0594/102, 4D, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ENA Nanau, TWE Neicheng, TWB1 Santiao Chiao, etc.

JMA 17 18:55:01.1-1.4, 9.41N, 82.98W, h13km, 1.1km, MD3.7, 2C,
Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRU2 Volcan, BRU1 TBS2, BRU Baru, etc.

ISC 17 19:01:09.6-4.9, 17.75S, 178.37W, h0km, mb3.7/3,
mb1 3.9/3, mb1mx3.4/39, mbtmp3.7/3, Error ellipse:
s-maj=304.1km s-min=68.1km az=154.0, Fiji Islands

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

NIED 17 19:25:00, 36.90N, 143.60E, h5km, Mw3.6 Best double
couple: M2.44000x10^14 Np1=51.00000, 820.00000,
lambda=107.00000, NP2=249.00000, delta1.00000

2011 AUG

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IRIF Iriomote-Funau, WKG Gukung, CHKT Chengkung, etc.

JMA 17 19:32:26.4-0.2, 35.54N, 140.91E, h35km, 1km, M3.4
ISC 17 19:32:25.1-1.5, 35.52N, 0.05, 141.02E, 0.10, h33km, 4km,
n26, c097/17, mb3.7/3, MS3.0/6, 1C, Near east coast of
eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHQJ Chosi, JCN Nagara, BSO4 Boso 4, etc.

IGQ 17 19:46:47, 3.09S, 79.52W, h12km, 3km, Mb4.0, Error
ellipse: s-maj=3.1km s-min=3.4km az=34.2, Near coast
of Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IGUA Iguatala, BMAS Trigal station, ARRY Arroyan, etc.

ISCJB 17 19:47:51.4-0.5, 37.72N, 0.04, 69.50E, 0.06, h12km,
mb3.5/6, MS2.8/5, Error ellipse: s-maj=7.8km s-min=5.4km
az=145.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFK Kawauchi, ONAJ Owaki, JIO Iuri, etc.

ISC 17 19:47:52.6-1.4, 37.66N, 69.43E, h0km, mb3.5/8,
mb1 3.9/13, mb1mx3.6/44, mbtmp3.7/13, ML3.7/5, MS2.9/6,
M1 2/6, Ms1mx2.6/35, Error ellipse: s-maj=24.3km
s-min=14.0km az=153.0

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

NNC 17 19:47:58.4-1.6, 38.18N, 69.19E, h3km, 8km, mb4.0,
mpv3.7, Error ellipse: s-maj=12.3km s-min=10.7km
az=158.0

824

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHQJ Chosi, JCN Nagara, BSO4 Boso 4, etc.

ISC 17 19:53:09.0-0.8, 37.78N, 0.07, 69.33E, 0.06, h12km, n31,
c2940/36, mb3.5/6, MS2.7/5, 11C-3D,
Afghanistan-Tajikistan border region

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

ISC 17 19:53:09.0-0.8, 37.78N, 0.07, 69.33E, 0.06, h12km, n31,
c2940/36, mb3.5/6, MS2.7/5, 11C-3D,
Afghanistan-Tajikistan border region

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

ISC 17 19:53:09.0-0.8, 37.78N, 0.07, 69.33E, 0.06, h12km, n31,
c2940/36, mb3.5/6, MS2.7/5, 11C-3D,
Afghanistan-Tajikistan border region

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

ISC 17 19:53:09.0-0.8, 37.78N, 0.07, 69.33E, 0.06, h12km, n31,
c2940/36, mb3.5/6, MS2.7/5, 11C-3D,
Afghanistan-Tajikistan border region

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

ISC 17 19:53:09.0-0.8, 37.78N, 0.07, 69.33E, 0.06, h12km, n31,
c2940/36, mb3.5/6, MS2.7/5, 11C-3D,
Afghanistan-Tajikistan border region

17d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNKL, SWA2, HFFR.

ISCJB 1720:28:33.6±0.7, 6.81N±0.05, 73.08W±0.06, h152km, 7km, Error ellipse: s-maj=11.3km, s-min=5.0km, az=25.6

FUNV 1720:28:35.8, 6.98N±0.1, 73.16W, h164km, MW2.6 RNSC 1720:28:35.7±0.8, 6.76N±0.05, 73.09W, h143km, 5km, ML2.4

ISC 1720:28:33.2±1.5, 6.83N±0.05, 73.09W±0.06, h158km, 9km, n15, c1940/27, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARC, PAMC, BRRC, BRRC, RUSC, RUSC, CAPV, OCAC, NORC, CHIC, VIGV, SOCV, DBBC, PRAC, VIRV, CURV, BAUV.

IDC 1720:32:51.2±0.5, 5.150N±0.171, 15W, h0km, mb3.6/3, mb1.4/0.3, mb1mx3.4/48, mbtmp3.6/3, Error ellipse: s-maj=407.9km, s-min=35.3km, az=159.0

ISCJB 1720:32:55.1±0.7, 52.0N±0.1, 171.32W±0.07, h44km, mb3.7/3, Error ellipse: s-maj=18.1km, s-min=3.3km, az=163.9

NEIC 1720:32:55.3, 52.08N±1.71, 32W, h41km, ML3.2(AEIC), After AEIC

ISC 1720:32:56.7±1.0, 52.0N±0.2, 171.34W±0.06, h44km, n28, c096/28, mb3.6/3, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOSE, KOPF, KONE, NIKH, NIKH, KOKL, OKSP, OKWV, OKTU, GSMY, GSTD, GSKC, ETKA, ADAC, MSW, UNV, UNV, KIKV, AKRB, TAPA, TAFP, H112, H113, H111, H111, H111, H113, PDAR, TXAR, ASAR.

ISCJB 1720:55:16.8±0.6, 24.79N±0.03, 121.87E±0.02, h99km, 4km, Error ellipse: s-maj=4.9km, s-min=3.1km, az=152.0

JMA 1720:55:16.7±0.1, 24.71N±0.121, 81E, h93km, 2km, M2.2 TAP 1720:55:16.8, 24.91N±0.121, 82E, h102km, 1km, M3.2, B

ISC 1720:55:16.8±1.6, 24.81N±0.05, 121.86E±0.03, h100km, 9km, n46, c058/90, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWE, TWC, TWC, TWB1, TWB1, NWF, NWF, TWA, TWA, ENT, ENT, TAP1, TAP1, ENA, ENA, TAP, TAP, NSK, NSK.

2011 AUG

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NSK, TWS1, TWS1, TWY, TWS1, NNS, NNS, NCU, NCU, TWD, TWD, NSTT, NSTT, TWT, TWT, PCYT, PCYT, WHF, WHF, WYF, WYF, JYNG, JYNG, ES, ES, NSY, NSY, NSY, NSY, TWQ1, TWQ1, TWQ1, TWQ1, SMLT, SMLT, TYC, TYC, TYC, TYC, EHY, EHY, TW1, TW1, YUS, YUS, YUS, YUS, ALS, ALS, CHN5, CHN5, CHKT, CHKT, IRIF, IRIF, ELDTW, ELDTW, CHN4, CHN4, STYT, STYT, STYT, STYT, HATJ, HATJ, WTP, WTP, CHN1, CHN1, CHN1, CHN1, JKRS, JKRS, SGST, SGST, SGST, SGST, TWG, TWG, TWG, TWG, JIJ, JIJ, JIJ, JIJ, JISG, JISG, JISG, JISG, SSD, SSD, SSD, SSD, ECL, ECL, ECL, ECL.

JMA 1720:56:08.5±0.3, 43.98N±148.05E, h8km, M3.6 SKHL 1720:56:09.3±0.6, 44.35N±148.18E, h43km, 5km, mb4.3/3

ISC 1720:56:06.0±3.5, 44.3N±0.1, 148.4E±0.2, h27km, 21km, n9, c173/14, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUR, KUR, KUR, KUR, SHO, SHO, SHO, SHO, YUK, YUK, YUK, YUK, YUK, YUK, NEM2, NEM2, NEM2, NEM2, JRA, JRA, JRA, JRA, JAK, JAK, JAK, JAK.

826

YSS Yuzh-Sakhalins 4.76 306 eP Pn 20 57 18.3 +2.4

IDC 1720:57:46.5±5.0, 14.96S±75.23W, h165km, 39km, mb2.9/2, mb1.3/2/3, mb1mx3.0/18, mbtmp3.4/3, Error ellipse: s-maj=92.6km, s-min=30.5km, az=31.0, Near coast of Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPAZ, LPAZ, TXAR, TXAR, TORD, TORD, H11N3, H11N3, H11N2, H11N2, H11N1, H11N1, H11S2, H11S2, H11S1, H11S1, H11S3, H11S3, WRA, WRA.

NEIC 1721:04:38.8, 38.45N±118.73W, h4km, ML3.9(REN), MW3.7(SLM), After REN

NEIC Felt [III] at Hawthorne. Also felt at Gardnerville. ISCJB 1721:04:40.4±0.2, 38.45N±0.02, 118.76W±0.02, h10km, Error ellipse: s-maj=2.9km, s-min=2.1km, az=150.5

ISC 1721:04:39.1±0.7, 38.44N±0.02, 118.73W±0.02, h10km, n68, c231/84, California-Nevada border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TVH1, TVH2, TVH2, TVH3, WAKR, WAKR, YERR, YERR, YERR, YERR, MLAC, MLAC, PNTR, PNTR, CMB, CMB, TIN, TIN, GRAC, GRAC, GRAC, GRAC, CWC, CWC, CWC, CWC, RCTC, RCTC, BMN, BMN, BMN, DAR, DAR, ORV, ORV, ORV, ORV, TPNV, TPNV, TPNV, TPNV, FURC, FURC, R11A, R11A, R11A, R11A, R11A, R11A, MPMC, MPMC, MPMC, VES, VES, VES, SAO, SAO, SAO, PMPB, PMPB, ISA, ISA, ISA, ISA, PAGES, PAGES, 003D, 003D, GDXM, GDXM, SHOC, SHOC, ARVC, ARVC, SHPR, SHPR, HPS, HPS, GSC, GSC, EDW2, EDW2, WDC, WDC, MID, MID, WYOR, WYOR, WYOR, WYOR, MWC, MWC, MWC, MWC, KMRM, KMRM, PASC, PASC, CCUT, CCUT, LDFC, LDFC, LCMT, LCMT, K05A, K05A, K05A, K05A, KNB, KNB, DUG, DUG, BELC, BELC, BGSU, BGSU, W13A, W13A, MSU, MSU, MTPU, MTPU, HUMO, HUMO, NU, NU, MFID, MFID, U15A, U15A, BAR, BAR, GLA, GLA, HWU, HWU, BRU, BRU, WUOZ, WUOZ, WUOZ, WUOZ, F10A, F10A, TPAW, TPAW, TPAW, TPAW, MCMT, MCMT, HAWA, HAWA, X18A, X18A, BW06, BW06.

NEIC 17 21:19:50.4, 19.22N-155.49W, h5km, ML3.5(HVO), After HVO, Hawaiian Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like HPO Honuapo, HPO Hilina Pali, SDHHI Sand Hill, etc.

MAN 17 21:28:05.5 91N-125.19E, h5km, mb4.7, ML3.6, MS3.6, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like GSPH General Santos, KCP Kidapawan, CTBH Cotabato-PC H, etc.

IDC 17 21:29:37.5-734.0, 46.41N-62.83E, h0km, Error ellipse: s-maj=286.5km s-min=114.1km az=148.0, Western Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like I31KZ AKTYUBINSK INF, I46RU ZALESOVO INFRA, I43RU DUBNA INFRASONI, etc.

SJA 17 21:42:31.9-0.6, 31.23S-68.62W, h108km, 3km, ML3.2, MW3.5, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SJA San Juan, AMOG MOGNA, RTVC Cerro Valdivia, etc.

IDC 17 21:43:56.6-999.0, 52.62N-85.24E, h0km, Error ellipse: s-maj=397.7km s-min=32.4km az=169.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

ISCJB 17 22:03:09.5-0.9, 35.93N-0.06-26.10E-0.0, h101km, 9km, Error ellipse: s-maj=13.4km s-min=9.1km az=170.5

HLW 17 22:03:09.6, 35.70N-26.45E, h5km, 13km, Ms2.2, Ml2.9, ATH 17 22:03:12.2, 35.97N-26.16E, h68km, 10km, ML2.6, Error ellipse: s-maj=10.6km s-min=1.7km az=269.0

CSEM 17 22:03:12.1-0.4, 35.90N-26.21E, h70km, ML2.6, Error ellipse: s-maj=13.4km s-min=10.7km az=41.0

ISC 17 22:03:07.9-1.7, 35.98N-0.07-26.11E-0.07, h112km, 11km, n23, c206/33, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SANT Santorini, NPS Neapolis, ZKR Zakros, etc.

Table with columns: SWA2, GLL, GLL, HNKL, HNKL, HNKL, HFRF, HFRF, HFRF, HFRF. Lists stations like Jalalah, Nakhli, Wahat Farafira, etc.

IDC 17 22:03:54.9-2.3, 34.09N-24.06E, h0km, mb3.8/2, mb1 3.9/5, mb1mx3.4/5.1, mbtmp3.7/5, ML3.5/3, MS3.0/6, Ms1 3.0/6, ms1mx2.7/4.0, Error ellipse: s-maj=5.6km s-min=1.9km az=17.0

ISC 17 22:04:00.5-1.6, 34.22N-0.2-23.9E-0.2, h33km, n10, c072/6, MS3.1/4, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BRTR Kinnikinnik Array B, MLR Vranov, GERES GERES Array B, etc.

NIED 17 22:18:00.38-50N-142.20E, h23km, Mw3.6, Best double couple: M2 38000x1014 NP1:364.00000, 346.00000, lambda-130.00000, NP2:274.00000, delta7.00000, lambda-131.00000

IDC 17 22:18:40.1-1.6, 38.41N-142.47E, h0km, mb3.8/3, mb1 3.8/6, mb1mx3.5/4.4, mbtmp3.8/6, ML3.3/3, Error ellipse: s-maj=39.2km s-min=22.8km az=88.0

ISCJB 17 22:18:42.2-1.2, 38.41N-0.0-142.29E-0.07, h23km, 7km, mb3.8/3, Error ellipse: s-maj=9.6km s-min=7.4km az=179.6

JMA 17 22:18:44.0-0.1, 38.48N-142.20E, h28km, 1km, M4.1 JMA Full J

ISC 17 22:18:41.0-1.9, 38.41N-0.0-142.28E-0.07, h12km, 10km, n22, c1863/27, mb4.0/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JIO Ouri, JJK Ichinoseki, JOM Okura, etc.

IDC 17 22:20:44.7-3.7, 1.21N-98.95E, h88km, 19km, mb3.6/5, mb1 3.6/6, mb1mx3.2/4.9, mbtmp3.8/6, Error ellipse: s-maj=64.8km s-min=24.7km az=68.0, Northern Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PSI Prapat, CMAR Chiang Mai Arr, H08S2 Diego Garcia H, etc.

NIED 17 22:31:00.36-80N-143.60E, h5km, Mw3.6, Best double couple: M2 63000x1014 NP1:364.00000, 346.00000, lambda-100.00000, NP2:237.00000, delta7.00000, lambda-100.00000

IDC 17 22:31:32.4-0.9, 36.72N-144.06E, h0km, mb3.5/6, mb1 3.8/9, mb1mx3.6/38, mbtmp3.6/9, ML3.6/3, MS2.9/2, Ms1 2.9/2, ms1mx2.4/3.7, Error ellipse: s-maj=27.8km s-min=19.9km az=19.0

ISCJB 17 22:31:35.7-0.7, 36.81N-0.0-143.71E-0.05, h33km, mb3.5/6, MS2.8/1, Error ellipse: s-maj=6.2km s-min=5.6km az=178.2

JMA 17 22:31:37.3-0.9, 36.79N-0.05-143.76E-0.07, h35km, n23, ISC 17 22:31:37.3-0.9, 36.79N-0.05-143.76E-0.07, h35km, n23,

c176/35, mb3.6/6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JFK Kawauchi, JOK Iwakimizuishi, JIO Ouri, etc.

IGQ 17 22:35:44.257S-77.72W, h6km, 2km, Mb4.0, 8C-5D, Peru-Ecuador border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like RIOE Riobamba, BPAT Tungurahua Vol, PATI Patacocha, etc.

JMA 17 22:43:46.8-0.2, 36.37N-143.67E, h54km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JFK Kawauchi, JOK Iwakimizuishi, JIO Ouri, etc.

POO	Poona	18.24 166	i/PN	P	23 56 10.0	-3.9
POO	comp-Z,68nm,1.2s		iPP	Pn	23 56 25.0	-0.6
POO			iPPP	PPP	23 56 34.0	
POO			iLQ	Sn	23 59 33.0	-3.6
POO			iSS	SnSn	23 59 59.0	+8.4
POO			iSSS	SSS	00 00 10.0	
POO			iPCS	PcS	00 04 17.0	-5.2
POO	Poona	18.24 166	eP	P	23 56 12.7	-1.2
GAUJ	Ganja	18.47 290	iP	P	23 56 16.4	+0.2
GTK	Tadong	18.70 113	eP	P	23 56 18.8	-0.1
GTK			AMB	AMB	23 56 20.9	
NAX	Nakhchivan	19.02 286	P	P	23 56 22.4	+0.1
BOK	Bokaro	19.03 127	eP	P	23 56 22.2	-0.2
BOK			eP	P	23 56 22.2	-0.2
BOK			eP	P	23 56 22.8	-0.6
BOK			AMB	AMB	23 56 25.0	
BOK	comp-Z,150nm,0.6s		Iamb	Iamb	23 56 25.3	
DRGR	David-gareji	19.27 292	P	P	23 56 25.6	+0.6
DRGR	David-gareji	19.27 292	eP	P	23 56 25.6	+0.6
LSA	Lhasa	19.47 104	P	P	23 56 29.5	+0.4
LSA			pmx	pmx		
LSA	comp-Z,51nm,1.2s		eP	P	23 56 28.4	+0.7
LSA	Lhasa	19.47 104	eP	P	23 56 28.4	+0.7
LSA			pmx	pmx		
LSA	comp-Z,121nm,0.8s		eP	P	23 56 28.4	+0.7
GNI	Garni	19.63 288	P	P	23 56 30.3	-0.3
GNI	comp-Z,1.1nm,0.3s,baz=5.2,slow=4.0,SNR=32		LR	LR	00 06 27.8	
GNI	comp-Z,580nm,19.7s,baz=94,slow=44		LR	LR		
GNI	Garni	19.63 288	iP	P	23 56 31.7	+1.1
GNI	SNR=30					
GNI	Garni	19.63 288	eP	P	23 56 31.5	+0.9
GNI			pmx	pmx		
GNI	comp-Z,325nm,1.2s		eP	P	23 56 31.1	+0.4
GNI	Garni	19.63 288	eP	P	23 56 31.1	+0.4
SEAG	Thilisi Sea	19.74 293	P	P	23 56 32.3	+0.6
TBLG	Delisi	19.78 293	P	P	23 56 32.0	-0.2
TBLG	Delisi	19.78 293	eP	P	23 56 33.0	+0.1
GUDG	Gudauri	20.08 295	P	P	23 56 34.0	+2.0
ZEI	Tsey	20.55 296	eP	P	23 56 39.2	+0.1
ZEI			pmx	pmx		
BGD	Bogdanovka	20.58 292	P	P	23 56 41.7	-0.1
ZAAO	Zalesovo Array	20.60 27	iP	P	23 56 38.0	-1.3
ZAAO	Zalesovo Array	20.60 27	eP	P	23 56 38.5	-0.8
ZALV	Zalesovo Beam	20.60 27	P	P	23 56 38.4	-0.9
ZALV	comp-Z,113nm,0.7s,baz=220,slow=10,SNR=375		LR	LR	00 05 35.7	
HYB	Hyderabad	20.60 154	i/P	P	23 56 40.0	+0.4
HYB			eS	Sn	00 00 32.0	-1.5
HYB			eP	P	23 56 39.6	-0.1
HYB			eP	P	23 56 40.2	+0.6
HYB			eP	P	23 56 40.4	+0.8
HYB	comp-Z,154nm,0.9s		AMB	AMB	23 56 41.3	
HYB	comp-Z,157nm,0.9s		Iamb	Iamb	23 56 41.5	
ZAA1	Zalesovo Array	20.60 27	eP	P	23 56 38.4	-0.9
AKH	Akhalkalaki	20.67 292	P	P	23 56 43.1	+0.2
AKH	Akhalkalaki	20.67 292	eP	P	23 56 43.0	+0.1
NVS	Novosibirsk	20.79 23	i/P	S	23 56 41.1	-0.2
NVS			eS	S	00 00 25.5	-5.7
NVS			pmx	pmx		
NVS	comp-N,108nm,0.8s		pmx	pmx		
NVS	comp-Z,123nm,0.0s		smx	smx		
NVS	comp-N,56nm,1.6s		P	P	23 56 44.4	-0.4
ONI	Oni	20.85 295	P	P	23 56 42.2	-0.5
NCK	Nalchik	20.90 298	iP	P	23 56 42.2	-0.5
NCK			pmx	pmx		
SVE	Sverdlovsk	21.25 347	eP	Sn	23 56 50.4	+4.1
SVE			eS	Sn	00 00 44.9	-3.7
SVE			pmx	pmx		
SVE	comp-Z,130nm,1.1s		MLR	MLR		
ARU	Arti	21.32 343	P	P	23 56 47.3	+0.3
ARU	Arti	21.32 343	eP	P	23 56 47.3	+0.3
ARU	comp-Z,32nm,0.5s,baz=147,slow=4.7,SNR=35		S	S	00 00 36.3	-5.3
ARU	comp-Z,30nm,0.5s,baz=154,slow=23,SNR=6.7		LR	LR	00 05 56.0	
ARU	Arti	21.32 343	eP	P	23 56 47.0	0.0
ARU			S	S	23 57 05.8	
ARU			SS	SS	00 00 41.0	-0.7
ARU			SnSn	SnSn	00 01 07.7	+2.4
ARU			pmx	pmx		
ARU	comp-Z,93nm,1.0s		MLR	MLR		
ARU	comp-Z,2um,17.0s		P	P	23 56 46.8	-0.2
ARU	Arti	21.32 343	eP	P	23 56 46.8	-0.2
ARU	comp-Z,125nm,1.0s		eS	P	00 00 36.3	-5.3
KBZ	Khabaz	21.44 298	P	P	23 56 48.0	-0.4
KBZ	comp-Z,27nm,0.8s,baz=125,slow=8.4,SNR=56		S	S	00 00 40.3	-4.0
KBZ	comp-Z,17nm,1.0s,baz=119,slow=19,SNR=2.1		LR	LR	00 08 18.1	
NEY	Neytrino	21.48 297	eP	P	23 56 51.0	+1.9
NEY			pmx	pmx		
BWNR	Bhubaneshwar	21.58 134	eP	P	23 56 50.7	+0.5
GUWA	GUWAHATI	21.62 112	eP	P	23 56 50.0	-0.2
GUWA			eP	P	23 56 50.0	-0.2
GUWA			eP	P	23 56 50.7	+0.2
KVAR	Kislovodsk Arr	21.63 299	P	P	23 56 50.4	-0.2
KVAR	comp-Z,45nm,0.6s,baz=34,slow=4.4,SNR=46		S	S	00 00 48.6	+0.3
KVAR	comp-Z,53nm,1.1s,baz=18,slow=20,SNR=3.8		LR	LR	00 08 10.8	
GOF	Gofitskoye	21.63 302	i/P	P	23 56 51.1	+0.6
GOF			eS	Sn	00 00 53.5	-4.3
GOF			pmx	pmx		
GOF	comp-Z,140nm,0.9s		pmx	pmx		
GOF	comp-N,117nm,1.1s		P	P	23 56 50.7	0.0
KIV	Kislovodsk	21.64 299	iP	P	23 56 50.2	-0.5
KIV	SNR=36		eS	S	00 00 47.6	-0.8
KIV	Kislovodsk	21.64 299	eP	P	23 56 50.2	-0.5
KIV			pmx	pmx		
KIV	comp-Z,171nm,1.0s		pmx	pmx		
KIV	comp-Z,19nm,4.8s		MLR	MLR		
KIV	comp-Z,719nm,14.0s		eP	P	23 56 50.1	-0.6
KIV	Kislovodsk	21.64 299	eP	P	23 56 50.1	-0.6
KIV	comp-Z,138nm,0.6s		eS	S	00 00 48.6	+0.3
ARTV	Arvin	21.83 291	eP	P	23 56 54.8	+1.9
CHVG	Ch'kvaleri	21.86 295	P	P	23 56 57.8	+4.7
SHL	Shilong	22.11 113	iPCS	P	23 56 56.0	0.0
SHL	Shilong	22.11 113	eP	P	23 56 55.6	-0.4
SHL			eP	P	23 56 55.7	-1.0
SHL			AMB	AMB	23 56 58.1	
TEZP	TEZPUR	22.23 109	eP	P	23 56 55.8	-0.3
TEZP			AMB	AMB	23 56 59.3	
VIS	Vishakhapatnam	22.36 143	eP	P	23 57 00.6	+2.1
VIS			iP	P	23 57 01.1	
VIS			AMB	AMB		
VIS	comp-Z,91nm,0.8s		i x	x	00 01 10.1	0.0
VIS			ex	x	00 01 17.9	
VIS	comp-E,53nm,0.9s		x	x	00 01 18.9	
VIS	comp-N,40nm,1.2s					

ZIRO	ZIRO	22.57 106	eP	P	23 57 00.5	-0.5
ZIRO			AMB	AMB	23 57 04.1	
ITAN	ITANAGIN	22.66 107	eP	P	23 57 01.0	-0.7
ITAN			eP	P	23 57 02.2	+0.5
MARD	Mardin	22.82 281	eP	P	23 57 05.6	+2.2
KOPT	Kop Dagj	22.88 288	eP	P	23 57 07.4	+3.2
KOPT	comp-Z,39nm,0.9s					
BELO	Belonia	23.18 118	eP	P	23 57 05.0	-2.1
SOC	Sochi	23.70 297	eP	P	23 57 13.9	+2.0
SOC			eS	S	00 01 24.5	+0.1
SOC			eSS	SnSn	00 00 28.7	+5.0
SOC			MLR	MLR		
GTA	Gaotai	24.20 74	P	P	23 57 17.1	+0.3
GTA			pP	pP	23 57 26.4	-0.4
GTA			sP	sP	23 57 31.0	-0.1
GTA			S	S	00 01 33.4	+0.5
GTA	comp-Z,41nm,1.6s		pmx	pmx		
GTA	comp-Z,370nm,6.2s		pmx	pmx		
GTA	comp-Z,1um,14.0s		LR	LR		
GTA	comp-Z,980nm,12.8s		LR	LR		
GTA	comp-Z,1um,17.8s		LR	LR		
SOKR	Solkamsk	24.59 345	iP	P	23 57 19.1	-0.8
SOKR			S	S	00 01 37.1	-1.3
SOKR	comp-Z,36nm,1.1s		MLR	MLR		
SOKR	comp-Z,1um,17.0s		MLR	MLR		
VRH	Vnokhovychy	24.62 316	eP	P	23 57 21.1	+0.8
VRH			pmx	pmx		
JHLN	Al Jahlan	24.92 278	eP	P	23 57 41.9	+4.3
JHLN	SNR=174		eP	P	23 57 41.9	+4.3
MDRS	Chennai	25.22 154	eP	P	23 57 23.9	-2.1
SLMH	Al Salmeh	25.24 279	eP	P	23 57 36.5	+0.4
ANN	Anapa	25.49 299	ePP	P	23 57 29.8	+1.6
ANN			e	e	23 58 04.2	
ANN			eS	S	00 01 57.0	+3.9
ANN	comp-Z,176nm,1.5s		MLR	MLR		
ANN	comp-Z,2um,16.0s		MLR	MLR		
TOKA	Tokat	25.95 289	eP	P	23 57 34.9	+2.3
TOKA	comp-Z,24nm,0.8s		eP	P	23 57 34.2	+0.6
VSR	Storozhevo	26.09 314	eP	P	23 57 34.2	+0.6
VSR	comp-Z,70nm,1.1s		MLR	MLR		
VSR	comp-Z,860nm,18.0s		MLR	MLR		
ROOS	Il aloos	26.17 275	eP	P	23 57 39.8	+5.1
ROOS	SNR=161		eP	P	23 57 39.8	+5.1
DRWC	Darouch	26.17 280	eP	P	23 57 36.8	+2.2
DRWC	Darouch	26.17 280	eP	P	23 57 36.8	+2.2
RABH	Abou Rabah	26.18 275	eP	P	23 57 39.8	+5.1
RABH	Abou Rabah	26.18 275	eP	P	23 57 39.8	+5.1
RABH	SNR=163					
VORR	Voronezh	26.24 315	eP	P	23 57 35.0	0.0
VORR	comp-Z,250nm,1.2s		pmx	pmx		
BTCH	Batrach	26.44 279	eP	P	23 57 46.7	-0.4
BTCH	Batrach	26.44 279	eP	P	23 57 46.7	-0.4
SLNF	Slenfeh	26.71 278	eP	P	23 57 37.7	-1.9
SLNF	Slenfeh	26.71 278	eP	P	23 57 37.7	-1.9
SLNF	SNR=165					
LPSR	Galich'ya Gora	26.79 317	eP	P	23 57 40.8	+0.9
LPSR			ePP	P	23 57 49.5	-0.4
LPSR	comp-Z,60nm,0.8s		pmx	pmx		
MARH	Ras Al Marh	26.86 275	eP	P	23 57 43.9	+2.8
MARH	Ras Al Marh	26.86 275	eP	P	23 57 43.9	+2.8
MARH	SNR=157					
SALA	Sala	27.01 272	eP	P	23 57 45.1	+2.8
SALA	Sala	27.01 272	eP	P	23 57 45.1	+2.8
SALA	SNR=148					
ASF	Jabal al Asfar	27.04 271	P	P	23 57 48.6	+6.1
ASF	comp-Z,1.8nm,0.6s,baz=36,slow=1.3,SNR=12		LR	LR	00 10 48.5	
ASF	comp-Z,260nm,20.5s,baz=23,slow=42		LR	LR		
ASF	Jabal al Asfar	27.04 271	P	P	23 57 48.6	+6.1
ASF			pmx	pmx		
ASF	comp-Z,6.0nm,0.8s		MLR	MLR		
TOTH	TOTAH	27.07 273	eP	P	23 57 45.5	+2.7
TOTH	TOTAH	27.07 273	eP	P	23 57 45.5	+2.7
TOTH	SNR=152					
MOY	Mondy	27.15 46	eP	P	23 57 44.7	+1.3
MOY			pmx	pmx		
BRBR	Barbar	27.44 274	eP	P	23 57 44.5	-1.8
TCHB	Talchebab	27.64 272	eP	P	23 57 42.2	-5.6
TCHB	Talchebab	27.64 272	eP	P	23 57 42.2	-5.6
TCHB	SNR=146					
LZH	Lanzhou	27.77 80	iP	P	23 57 50.4	+1.3

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like GYA, ISR, UTTA, PRAR, MCGM, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like WHN, PSZ, CHBT, PYL, DSL, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like TPTI, GEA0, GEC2, GERES, etc.

IFIR Firoozkooh 4.67 57 ePn Pn 02 25 13.3 -0.1

ISCJB 18 02:28:56.4;1.2,51.46N;0.05;16.09E;0.05,h0km, Error ellipse: s-maj=7.1km s-min=3.7km az=26.7

CSEM 18 02:28:57.2;0.6,51.48N;16.12E,h1km,ML2.7/6, Error ellipse: s-maj=8.7km s-min=4.5km az=17.0

PRU 18 02:28:58.9;1.51,43N;16.17E,h0km

WAR 18 02:29:00.2;1.51,48N;16.11E,h1km

ISC 18 02:28:58.7;1.51,46N;0.08;16.12E;0.04,h0km,n27, az=75.502, Error ellipse: s-maj=2.4km s-min=1.7km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSP Ksiaz, UPICE Upice, DPC Dobruska-Polom, etc.

IDC 18 02:39:27.9;0.9,32.20N;85.12E,h0km,mb3.5/9, mb1.3/10,mb1mx3.5/6,mbtmp3.6/10,MS3.1/2, Ms1.3/1.2,ms1mx2.5/37, Error ellipse: s-maj=29.7km s-min=19.8km az=53.0

ISCJB 18 02:39:31.2;0.8,32.23N;0.1;85.1E;0.2,h33km,mb3.5/9, MS3.0/2, Error ellipse: s-maj=24.1km s-min=17.0km az=148.7

ISC 18 02:39:33.3;1.1,32.22N;0.2;85.1E;0.2,h35km,n12, az=67.10,mb3.6/9,Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, ZALV Zalesovo Beam, SONM Songino Arra, etc.

NIED 18 02:51:00,36.90N;143.60E,h5km,Mw3.4 Best double couple: M1.60000;1014 N1.3e;87.00000;852.00000, 1-47.00000; N2.2e;211.00000;855.00000, 1-131.00000

JMA 18 02:51:39.4;0.3,36.85N;143.60E,h67km,M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ONAJ Iwakimizuishiy, JHO Hitachi, JHT Otama, etc.

IDC 18 03:35:58.0;1.2,36.90N;28.82E,h0km,mb3.4/2, mb1.3/8,mb1mx3.3/49,mbtmp3.4/8,ML3.4/6,MS2.1/2, Ms1.2/2,ms1mx1.9/34, Error ellipse: s-maj=20.3km s-min=17.5km az=148.0

HLW 18 03:35:57.1,37.11N;28.87E,h11km;14km,M3.1

DDA 18 03:35:58.8,36.92N;28.79E,h23km,Md2.8,Suspected Mining explosion.

ISK 18 03:35:58.6,36.94N;28.82E,h4km,ML3.1

ATH 18 03:35:58.7,37.02N;28.85E,h20km;1km,ML3.1/9, Error ellipse: s-maj=2.4km s-min=1.1km az=179.0

ISCJB 18 03:35:58.6;0.2,36.97N;0.02;28.78E;0.02,h0km, mb3.4/2,MS2.3/1, Error ellipse: s-maj=2.4km s-min=1.9km az=158.9

CSEM 18 03:35:59.4;0.1,36.95N;28.83E,h5km,Md2.8, Error ellipse: s-maj=2.2km s-min=1.9km az=176.0

THE 18 03:36:01.6,36.98N;28.76E,h4km;2km,ML3.2/8, Error ellipse: s-maj=3.2km s-min=1.3km az=114.0

ISC 18 03:35:59.0;0.6,36.96N;0.02;28.80E;0.01,h0km,n147, az=158.9, Error ellipse: s-maj=2.4km s-min=1.7km

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TURN Turunc, DALY Dalian (Mu'la), FETHI Fethiye-Mugla, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHOS Chios island, APE Apeiranthos, ZKR Zakros, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like M35A Neola, ACCN Adirondack Com, K40A Colesburg, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like R11A Troy Canyon, BW06 Boulder Array, BW06 Boulder Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like ASAJ Asahikawa, JRY Ryogami san, MJAT Matsushiro Arr, etc.

NIED 18 05:34:00, 38.20N, 141.60E, h50km, Mw4.0. Best double couple: M4.47000+0.1014, NP1.9s, 188.00000, 1.86.00000, NP2.9s, 12.00000, 866.00000, 1.92.00000, ISCJB 18 05:34:37.5-0.5, 38.15N, 141.71E, 0.06, h58km, 4km, mb4.1/21, Error ellipse: s-maj=8.6km s-min=4.1km az=23.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like JIO Ouri, JMM Marumori, JMM Marumori, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like ASCENSION HYDR3.58, ASCENSION HYDR3.58, ASCENSION HYDR3.58, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like WMQ Urumqi, KRSR Korea Array, ZALV Zalesovo Beam, etc.

NIED 18 06:19:00, 36:80N, 140:70E, h5km, Mw3.6 Best double couple: M2:74000x1014 NP1:9s10.00000, d38.00000, l-82.00000. NP2:9s180.00000, s52.00000, l-96.00000.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like KRSR Korea Array, KRSR Korea Array, SONM Songino Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like H1N1 WAKE ISLAND HY 28.52 120 T, H1N1 WAKE ISLAND HY 28.52 120 T, H1N1 WAKE ISLAND HY 28.52 120 T, etc.

ISCJB 18 06:26:16.2, 1.1, 24.2S; 0.1x179.9E; 0.2, h517km, mb3.777, Error ellipse: s-maj=21.0km s-min=12.5km az=162.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like DZM Mont Dzumac, DZM Mont Dzumac, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like URZ Urewera, URZ Urewera, RPZ Rata Peaks, etc.

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RSUT Red Spur Mount, BW06 Boulder Array, PD31 Pinedale Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AMANT Manta, ISPT Isla de la Plata, PISA Pisayambo, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like VLS Valsamata, VLS Valsamata, AXS Araxos, etc.

WEL 18 06:44:34.8-0.6,39.59Sx174.18E,h208km,4km,ML3.7/22, 5C-3D, Error ellipse: s-maj=3.4km s-min=2.4km az=90.0,

TAP 18 07:07:45.0,21.23N,122.64E,h130km,2km,ML3.7,D,

ISCJ 18 07:08:47.8-0.6,37.61N,103.20E,96E,0.03,h4km,4km, Error ellipse: s-maj=5.4km s-min=3.5km az=136.5,

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WAZ Wanganui, VRZ Vera Road, MTZ Mangateitei, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LAY Lan-yu, TSEB Hengchuen, TWK1 Hengchun, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KALE Kalithea, KALE Kalithea, ANX Ano Chora, etc.

IGQ 18 06:55:49.2,31S;79.67W,h105km,4km,Mb4.0,4C-3D, Error ellipse: s-maj=4.3km s-min=1.7km az=95.4,Near coast of Ecuador

ISCJ 18 07:08:48.0-0.6,37.62N,103.20E,96E,h5km,ML2.1, Error ellipse: s-maj=4.5km s-min=2.9km az=51.0,

ISCJ 18 07:47:56.2-11.0,36.58N,133.69E,h295km,215km, mb2.7/2,mb1.3/0.4,mb1mx2.7/49,mbmp3.4/4, Error ellipse: s-maj=358.2km s-min=22.6km az=58.0,

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AGUAY Guayaquil, RIOE Riobamba, RIOE Riobamba, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JKY Yasaka, JWT Wachi, JGM Miyama, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like TKM2, FRU Bishkek, KSH Kashi, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like KIEV Kiev, AK11 Malin Array, H17A Grand Village, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like PMG Port Moresby, JAY Jayapura, COEN Coen, etc.

ISN 11:16:46.7z:0.3,32:83N:47:37E h0km,ML2.8
CSEM 11:17:09.3:1.3,32:29N:47:31E h20km,ML2.9,Error
ellipse: s-maj=35.4km s-min=10.2km az=40.0
TEH 11:17:09.6:32:41N:47:30E, h5km,ML3.0,Iran-Iraq
border region

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like IKFM Kafar-mosalkan, IKFM Kafar-mosalkan, SHGR Shooshtar-Gavs, etc.

IDC 18 11:14:06.2:1.6:03S:147:73E,h0km,19km,mb3.9/5,
mb1.4/1.9,mb1mx3.8/27,mbmp4.1/9,MS3.9/21,
Mx1 3.9/21, Mx1mx3.8/32, Error ellipse: s-maj=25.5km
s-min=13.0km az=102.0
ISCJB 18 11:14:08.0:0.7:6:30S:0:06:147:5E:0.1,h77km,
mb4.2/10, Error ellipse: s-maj=14.6km s-min=8.8km
az=177.3
NEIC 18 11:14:09.0:1.5:6:27S:147:56E,h76km,14km,mb4.3/1,
Error ellipse: s-maj=17.4km s-min=10.3km az=74.0
GCMT 18 11:14:09.0:0.4:6:09S:147:85E,h70km,5km,MW5.0/48,
Moment Tensor Solution. s48,c62; s41,c45; Duration:
0 Moment tensor: Scale 10^19Nm; Mr:0.77z;20;
Mw:1.85z;20; Mw:1.08z;20; Mw:1.86z;25; Mw:3.69z;17;
Mw:0.44z;26; Best double couple: M4:43700:1016
NP1:8s1.00000; s84.00000; A:27.00000; NP2:
o:348.00000; s63.00000; A:173.00000; Principal axes:
T 4.980, P1g23.0000; Azm94.0000; P -4.6760, P1g14.0000;
Azm212.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.
ISC 18 11:14:08.7:0.8:6:16S:0:07:147:7E:0.1,h77km,n35,
z:206/24,mb4.4/10, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JIO Ouri, JIO Ofunato, OFUJ Ofunato, JMK Ichinoseki, etc.

NIED 18 11:42:00.36:30N:140:50E, h26km, Mw3.6, Best double couple: M2.830000*1014 NP1.36186.00000* 821.000000* ...

JMA 18 11:42:39.5:0.1,36.34N:140.85E, h42km, Mw3.5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include JHO Hitachi, JHO Yasato, JYJ Iwakimizuishi, etc.

IDC 18 11:45:37.8:3.9,5.85S:147.94E, h51km, mb4.2/3, mb1 4.3/5, mb1mx3.6/34, mbtmp4.3/5, ML4.1/1, MS3.1/1, Ms1 3.0/1, mb1mx2.5/25, mbtmp4.3/5, s-maj=58.8km, s-min=27.1km az=99.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, STKA Stephens Creek, etc.

IDC 18 11:48:56.5:4.6,6.09S:147.50E, h0km, mb4.2/3, mb1 4.2/5, mb1mx3.8/35, mbtmp4.1/5, ML3.9/1, Error ellipse: s-maj=70.2km s-min=42.5km az=60.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, STKA Stephens Creek, etc.

IDC 18 11:51:29.8:2.9,33.19S:179.20W, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.6/26, mbtmp3.7/3, ML3.5/1, Error ellipse: s-maj=67.6km s-min=35.4km az=112.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, FINES FINES Array B, etc.

ISC 18 11:51:41.4, 4.37:36N:37.25E, h5km, MD2.6 DDA 18 11:51:43.9, 37:29N:37.17E, h2km, ML2.8 ISC/JB 18 11:51:44.2:0.5, 37:30N:0.04:37.19E:0.03, h5km, 5km, Error ellipse: s-maj=6.5km s-min=4.1km az=14.1 CSEM 18 11:51:44.2:0.3, 37:36N:37.18E, h10km, ML2.8, Error ellipse: s-maj=8.4km s-min=5.7km az=173.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GAZ Gaziantep, GAZ Gaziantep, HCB Kahramanmara, KMRS Kahramanmaras, etc.

Table with columns: SURC, Station Name, Az, Phase ID, Time, Res. Rows include SURC SANLIURFA_SURC, TAHT Tahtakoprur-Hat, URFA Urfa, etc.

DDA 18 11:57:40.7, 42:55N:42:97E, h2km, M4.8 IDC 18 11:57:40.2:0.3, 42:48N:42:93E, h0km, mb4.8/33, mb1 4.8/42, mb1mx4.8/48, mbtmp4.8/42, ML4.2/9, MS4.1/29, Ms1 4.1/29, ms1mx4.0/41, Error ellipse: s-maj=7.3km s-min=6.3km az=75.0

ISC/JB 18 11:57:41.8:0.2, 42:62N:0.01:42:93E:0.01, h1km, 1km, mb5.0/183, MS4.3/52, Error ellipse: s-maj=1.7km s-min=1.3km az=9.9

TIF 18 11:57:41.6, 42:56N:43:01E, h13km MOS 18 11:57:41.0:1.2, 42:52N:42:89E, h10km, mb5.2/67, MS4.2/38, Error ellipse: s-maj=3.6km s-min=2.8km az=117.7

MOS Fell (III) at Sochi. AZER 18 11:57:41.1:0.1, 42:15N:42:84E, h4km, Error ellipse: s-maj=6.3km s-min=4.1km az=34.0

BUI 18 11:57:41.3, 42:60N:43:00E, h10km, mb5.1/73, mb5.2/55, Ms4.9/54, Ms7.4/64

CSEM 18 11:57:42.3:0.1, 42:59N:42:94E, h5km, mb4.9/36, Mw4.8, Error ellipse: s-maj=2.2km s-min=1.7km az=12.0

GCMT 18 11:57:43.1:0.2, 42:62N:42:83E, h14km, MW5.0/90, Moment Tensor Solution. s41,c56; s90,c155; Duration: 0 Moment tensor: Scale 1016Nm; Mr3.62s; 15; Mw=3.89s; 11; Mw=0.20s; 09; Mw=0.93s; 20; Mw=1.27s; 07; Mw=0.67s; 24; Best double couple: M4.1, 2400x1016 NP1.36186.00000* 821.000000* ...

NEIC 18 11:57:43.1:0.1, 42:61N:42:95E, h10km, mb5.1/78, MW4.8 Error ellipse: s-maj=3.4km s-min=2.7km az=167.0

Moment Tensor Solution. s22 Moment tensor: Scale 1016Nm; Mr1.50; Mw=2.08; Mw=0.58; Mw=0.35; Mw=0.42; Mw=0.24; Best double couple: M2.2, 0000x1016 NP1: 267.00000* 840.00000* 1.73.00000* ...

NEIC Fell (III) at Tbilisi. Also felt at Ambrolauri, Batumi, Shuakhevi and Tsqaltubo. Felt at Artvin, Turkey. ISC 18 11:57:42.4:0.4, 42:53N:0.01:42:99E:0.01, h10km, 2km, h10km; p-P, n1276, c1957/1455, mb5.1/185, MS4.3/53, 96C-81D, Western Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ONI Oni, DIGR Digorskoe uzhe, CHVG Ch'k'valeri, ZEI Tsey, NEY Neytrino, LSNR Lesken, KORA Kora, LACR Lac, EPOS Posof, URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, FINES FINES Array B, etc.

Table with columns: BTKR, Station Name, Az, Phase ID, Time, Res. Rows include KVAR Kislovodsk Arr, KVAR Kislovodsk, KIV Kislovodsk, KMGR Komgaron, DELISI Delisi, BORO Borcka, PYAT Pyatigorsk, PRTR Prterechynaya, SEAG Tbilisi Sea, ARTV Artvin, KZR Kazreti, DAGI Agillar, TRKR Terskaya, EAK Akyaka, KARS Kars, SENK Senkaya-Erzuru, DGRG David-gareji, DGRG David-gareji, DIGO Kars, GROC Groznyy, QZAZ Qazax, Azerbaijan, QZAZ Qazax, Azerbaijan, RFOR Rasanaya Poly, RFOR Rasanaya Poly, GOF Gofitskoye, GOF Gofitskoye, HOMI Horasan, SOC Sochi, SOC Sochi, GNI Gani, GNI Gani, GDB GEDABAY, ZKTA Zakatata, TRAB Trabzon, MACK MACK, ERZM Erzurum, EZM Erzurum, GNBUR Gunib, GNBUR Gunib, AGRB Hanur-Agry, AGRB Hanur-Agry, DYDN Diyadin, TUTA Tutak, TUTA Tutak, GANJ Ganja, GANJ Ganja, GANJ Ganja, KOPD Kop Dag, KOPD Kop Dag, EKAR Karacoban, EKAR Karacoban

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

Table with columns for station name, frequency, mode, and signal strength. Includes stations like TREC, SOKA, VISS, CUC, OBJA, etc.

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

J37A	Redenius Farm, baz=30, SNR=8.2	86.06	330	P	P	12 10 22.7	-0.5
M42A	Sheffield baz=30	86.16	326	P	P	12 10 23.6	-0.1
L40A	Anama baz=32	86.23	328	P	P	12 10 23.5	-0.6
I34A	Hadley baz=29	86.27	332	P	P	12 10 24.3	+0.1
LLLB	Lilloet	86.31	350	eP	P	12 10 25.1	+0.8
J36A	Geneva 1, Swea baz=30, SNR=8.0	86.34	330	P	P	12 10 24.7	+0.1
K38A	Parkersburg baz=31	86.34	329	P	P	12 10 23.9	-0.6
H32A	Carlson Farm, baz=28	86.40	333	P	P	12 10 24.7	-0.2
L39A	Vinton baz=32	86.49	328	P	P	12 10 24.6	-0.7
WALA	Waterton Lakes baz=29, SNR=8.2	86.56	345	eP	P	12 10 25.8	0.0
K37A	Belmond baz=30	86.56	330	P	P	12 10 25.3	-0.4
I33A	Coleman baz=28	86.59	332	P	P	12 10 25.9	+0.1
EGMT	Eagleton baz=29	86.67	342	P	P	12 10 25.5	-0.7
EGMT	Eagleton	86.67	342	eP	P	12 10 26.6	+0.3
HDIL	Hopedale baz=33	86.72	326	P	P	12 10 25.9	-0.6
H31A	Woley baz=27	86.77	333	P	P	12 10 26.1	-0.6
ECSD	EROS Data Cent baz=29, SNR=8.2	86.80	332	P	P	12 10 26.2	-0.7
ECSD	EROS Data Cent	86.80	332	eP	P	12 10 27.3	+0.4
I32A	Karley and Nic baz=28	86.83	333	P	P	12 10 27.7	-0.3
L38A	Oak Wood Farm, baz=31	86.84	329	P	P	12 10 26.4	-0.6
J34A	George baz=29	86.96	331	P	P	12 10 27.3	-0.3
SUSD	Miller baz=27	86.96	334	P	P	12 10 27.1	-0.6
LAO	LASA Array baz=22	87.06	339	P	P	12 10 28.8	+0.7
LAO	LASA Array	87.06	339	eP	P	12 10 29.6	+1.5
M39A	Webster baz=31	87.10	328	P	P	12 10 27.4	-1.0
L37A	Phoenix Point, baz=30	87.16	329	P	P	12 10 27.7	-0.9
J33A	Davis baz=28	87.28	332	P	P	12 10 28.9	-0.3
P44A	Sand Creek, Wi baz=34	87.34	325	P	P	12 10 29.3	-0.2
KM5C	Kings Mountain baz=38	87.46	317	P	P	12 10 29.4	-0.7
KM5C	Kings Mountain	87.46	317	eP	P	12 10 30.5	+0.3
L36A	Harm Buss Farm baz=30	87.52	330	P	P	12 10 29.6	-0.8
K34A	Le Mars baz=29	87.53	331	P	P	12 10 29.6	-0.8
J32A	Parkston baz=28	87.54	333	P	P	12 10 29.9	-0.5
N39A	Derby Farms, D baz=31	87.75	328	P	P	12 10 31.2	-0.2
L35A	Bielow Farm, R baz=29	87.83	330	P	P	12 10 31.6	-0.3
BSMT	Bassoo Peak baz=29	87.89	345	eP	P	12 10 32.9	+0.6
JTMT	Jette baz=29	87.89	345	eP	P	12 10 32.9	+0.7
NEW	Newport baz=14, SNR=20	87.90	347	P	P	12 10 32.4	+0.2
NEW	Newport	87.90	347	eP	P	12 10 32.8	+0.6
NEW	Newport	87.90	347	eP	P	12 10 32.7	+0.6
J11A	Geddes baz=27	87.91	333	P	P	12 10 31.8	-0.4
Q44A	Meyer Farm, Va baz=33	87.98	325	P	P	12 10 32.2	-0.4
SWMT	Swartz Lake baz=27	88.06	345	eP	P	12 10 33.2	+0.2
N38A	Joes South For baz=31	88.11	328	P	P	12 10 32.3	-0.9
J30A	Dallas baz=27	88.13	334	P	P	12 10 32.7	-0.6
O40A	La Belle baz=32	88.14	327	P	P	12 10 32.9	-0.5
B08A	Colville Reser baz=30	88.16	348	eP	P	12 10 33.5	+0.2
SLMT	Seeley Lake baz=24	88.22	344	eP	P	12 10 34.1	+0.3
H25A	Fruitdale baz=24	88.23	337	P	P	12 10 33.5	-0.3
Q43A	New Douglas baz=33	88.24	325	P	P	12 10 33.5	-0.3
O39A	Kirkville baz=31	88.30	328	P	P	12 10 33.6	-0.5
HRY	Holter Researc baz=30	88.38	343	eP	P	12 10 35.1	+0.6
CHMT	Chamberlain Mo baz=30	88.48	344	eP	P	12 10 34.8	-0.3
N37A	Lee Farms, Mou baz=30	88.51	329	P	P	12 10 34.3	-0.8
R44A	Waltonville baz=33	88.55	324	P	P	12 10 34.4	-0.9
B05A	Bryant baz=11	88.64	350	P	P	12 10 34.6	-0.9
MSO	Missoula baz=17, SNR=10	88.70	344	P	P	12 10 36.0	-0.1
MSO	Missoula	88.70	344	eP	P	12 10 36.4	+0.3
P40A	Paris baz=31	88.71	327	P	P	12 10 35.7	-0.3
GCMT	Greycliff baz=30	88.75	341	eP	P	12 10 37.3	+0.9
O38A	Galt baz=30	88.77	328	P	P	12 10 35.6	-0.7
RSSD	Black Hills baz=24	88.82	337	P	P	12 10 36.8	0.0
RSSD	Black Hills	88.82	337	eP	P	12 10 37.2	+0.4
RSSD	Black Hills	88.82	337	eP	P	12 10 37.2	+0.4
Q41A	Truxton baz=32	88.87	326	P	P	12 10 36.7	-0.1
M33A	Taylor Creek F baz=29	88.90	331	P	P	12 10 36.5	-0.4
L31A	Butterfield Fa baz=27	88.94	333	P	P	12 10 36.4	-0.7
O37A	Wolven Farm, M baz=30	89.00	329	P	P	12 10 36.9	-0.5
P39B	Salisbury baz=31	89.03	327	P	P	12 10 37.1	-0.5
Q40A	Laux Farm, Aux baz=31	89.18	327	P	P	12 10 37.8	-0.5
P38A	Dawn baz=30	89.22	328	P	P	12 10 38.0	-0.5
R42A	Luebbing baz=32	89.26	325	P	P	12 10 38.4	-0.2
RLMT	Red Lodge baz=20, SNR=8.5	89.29	341	P	P	12 10 39.5	+0.6
RLMT	Red Lodge	89.29	341	eP	P	12 10 39.9	+0.9
N34A	Lincoln baz=28	89.30	330	P	P	12 10 38.5	-0.3
LRM	Limekiln Ridge baz=18, SNR=12	89.35	343	eP	P	12 10 39.5	+0.4
D08A	Wollman Farm, BOZ	89.37	348	eP	P	12 10 39.5	+0.4
BOZ	Bozeman (W) baz=30	89.39	342	eP	P	12 10 39.3	-0.1
BOZ	Bozeman (W)	89.39	342	eP	P	12 10 40.1	+0.7
R41A	Rosebud baz=32	89.49	326	P	P	12 10 38.9	-0.8
P37A	Lathrop baz=30	89.58	328	P	P	12 10 39.9	-0.2
O05A	Enumclaw baz=31	89.68	350	eP	P	12 10 41.5	+1.1
S42A	Caledonia baz=32	89.69	325	P	P	12 10 39.8	-0.8
E09A	Wood Farm, Sta baz=30	89.77	347	eP	P	12 10 41.8	+0.9
DLMT	Dillon baz=30	89.82	343	eP	P	12 10 41.6	+0.3
R40A	Maddies Statio baz=31	89.86	326	P	P	12 10 41.0	-0.5
O34A	Beatrice baz=26	89.94	330	P	P	12 10 41.4	-0.4
YH	Holmes Hill baz=28	89.98	342	eP	P	12 10 43.5	+1.2
QLMT	Earthquake Lak baz=30	90.07	342	eP	P	12 10 43.9	+1.3
LON	Longmire baz=30	90.09	350	eP	P	12 10 42.6	+0.2
LON	Longmire	90.09	350	eP	P	12 10 42.6	+0.2
HAWA	Hanford baz=29	90.11	348	eP	P	12 10 43.3	+0.8
F10A	Seach Franch, E baz=28	90.14	346	eP	P	12 10 42.9	+0.1
S41A	Jilco Farms, baz=32	90.24	326	P	P	12 10 42.9	-0.4
P35A	Duane Minner, baz=29	90.26	330	P	P	12 10 42.9	-0.4
H17A	Grant Village baz=29	90.28	341	P	P	12 10 44.7	+1.0
H17A	Grant Village	90.28	341	eP	P	12 10 46.2	+2.6
YFT	Old Faithful baz=28	90.29	342	eP	P	12 10 46.5	+2.9
O33A	Hebron baz=28	90.36	331	P	P	12 10 43.5	-0.3
MCMT	McKenzie Canyo baz=28	90.39	343	eP	P	12 10 45.0	+0.8

YPP	Pitchstone Pla	90.46	342	eP	P	12 10 47.1	+2.5
E03A	Lebanon	90.51	351	eP	P	12 10 45.2	+0.9
S40A	Lebanon baz=31	90.55	326	P	P	12 10 44.3	-0.4
P34A	Walnut Farm, R baz=28	90.55	330	P	P	12 10 43.8	-0.9
FLWY	Flagg Ranch	90.61	341	eP	P	12 10 47.0	+1.9
T41A	Mountain View baz=32	90.71	325	P	P	12 10 45.1	-0.4
S39A	Golar baz=31	90.80	327	P	P	12 10 45.5	-0.4
IMW	Indian Meadow	90.84	341	eP	P	12 10 47.9	+1.6
Q35A	Mercer Eighty, baz=29	90.86	329	P	P	12 10 45.1	-1.0
R37A	Teagarden Farm baz=30	90.86	328	P	P	12 10 46.0	-0.1
K22A	Casper baz=22	90.88	338	eP	P	12 10 45.8	-0.6
K22A	Casper	90.88	338	eP	P	12 10 46.2	-0.1
M00W	Moose Ponds	90.94	341	eP	P	12 10 48.1	+1.4
T40A	Mansfield baz=31	90.94	326	P	P	12 10 45.7	-0.9
P33A	Williams Farm, baz=28	90.96	331	P	P	12 10 45.8	-0.8
LOHW	Long Hollow	91.03	341	eP	P	12 10 48.5	+1.4
U42A	Revendin baz=32	91.08	325	P	P	12 10 46.7	-0.4
S38A	Stockton baz=30	91.09	327	P	P	12 10 46.2	-1.0
FXWY	Fox Creek	91.11	341	eP	P	12 10 48.9	+1.4
P32A	Huizing Farm, baz=27	91.12	331	P	P	12 10 46.3	-1.1
Q34A	Chapman	91.14	330	P	P	12 10 47.0	-0.4
SNOW	Snow King Moun	91.21	341	eP	P	12 10 49.9	+1.9
TPAW	Teton Pass	91.23	341	eP	P	12 10 49.7	+1.6
BMO	Blue Mountains	91.24	346	eP	P	12 10 48.0	+0.1
BMO	Blue Mountains	91.24	346	eP	P	12 10 48.0	+0.1
REDW	Red Top Meadow	91.25	341	eP	P	12 10 49.9	+1.4
S37A	Fort Scott baz=30	91.34	328	P	P	12 10 47.4	-1.0
R35A	Emporia Munic	91.38	329	P	P	12 10 47.8	-0.8
T39A	Clever baz=31	91.40	326	P	P	12 10 47.8	-0.9
Q33A	Connelly Farm, baz=28	91.40	330	P	P	12 10 48.1	-0.6
G06A	Carson Farm,	91.41	349	eP	P	12 10 49.7	+1.1
PD31	Palmer Farm,	91.57	340	eP	P	12 10 49.7	0.0
PDAR	Pinedale Array, comp=Z,1.4nm,0.9s,baz=42,slow=2.4,SNR=10	91.57	340	eP	P	12 10 49.6	-0.1
PDAR	LP	91.57	340	eP	P	12 10 49.6	-0.1
PDAR	comp=Z,2.6nm,1.4s,baz=29,slow=3.4,SNR=3.9	91.57	340	eP	P	12 10 49.6	-0.1
PDAR	PR	91.57	340	eP	P	12 10 49.6	-0.1
PDAR	LR	91.57	340	eP	P	12 10 49.6	-0.1
BW06	Boulder Array, comp=Z,1.43nm,18.4s,baz=28,slow=37	91.57	340	eP	P	12 10 49.8	-0.8
BW06	Boulder Array	91.57	340	eP	P	12 10 49.8	-0.6
BW06	Boulder Array	91.57	340	eP	P	12 10 49.7	-0.0
BW06	Boulder Array	91.57	340	eP	P	12 10 49.2	-0.7
Q32A	Meitler Ranch, baz=27	91.67	331	P	P	12 10 49.9	-1.0
S36A	Lake Cedric, C	91.67	328	P	P	12 10 48.8	-0.5
T38A	Diamond baz=30	91.76	327	P	P	12 10 50.2	-0.1
G03D	McMinnville, O	91.79	350	P	P	12 10 50.2	-0.1
R34A	Isabella, Hill baz=28	91.80	330	P	P	12 10 50.1	-0.4
PHWY	Pilot Hill	91.82	337	eP	P	12 10 51.5	+0.5
HLID	Halley baz=15	91.93	344	eP	P	12 10 50.8	-0.4
HLID	Halley	91.93	344	eP	P	12 10 51.7	+0.5
T37A	Cheneyville 18 baz=30	91.93	328	P	P	12 10 50.7	-0.4
AHID	Aboum Hatcher	91.95	341	eP	P	12 10 52.1	+0.8
S35A	Otter Creek Ra baz=29	91.99	329	P	P	12 10 50.6	-0.8
U39A	Green Forest baz=30	91.99	326	P	P	12 10 50.7	-0.8
R33A	Olander Ranch, baz=28	92.06	330	P	P	12 10 50.9	-0.8
Y46A	Houston baz=33	92.09	322	P	P	12 10 51.4	-0.5
V40A	Witts Springs	92.21	325	P	P	12 10 51.6	-0.9
U38A	Gravette baz=30	92.31	327	P	P	12 10 51.8	-1.1
N23A	Red Feather La baz=10	92.34	337	P	P	12 10 53.0	-0.3
N23A	Red Feather La	92.34	337	eP	P	12 10 53.9	+0.6
MFID	Camas Ranch	92.35	345	eP	P	12 10 53.7	+0.6
I05D	Terrebonne, OR	92.39	349	P	P	12 10 53.1	0.0
U37A	Salina baz=30	92.63	327</				

TIF 18 12:08:09.0,42:57N:43:01E,h13km
 AZER 18 12:08:09.4,0.1,42:50N:43:16E,h4km,Error ellipse:
 s-maj=13.5km s-min=8.8km az=24.0
 CSEM 18 12:08:10.3,0.2,42:54N:42:96E,h2km,ML3.3,Error
 ellipse: s-maj=3.6km s-min=3.2km az=120.0
 MOS 18 12:08:11.0,1.2,42:55N:42:98E,h14km,mb3.8/1,Error
 ellipse: s-maj=7.9km s-min=5.3km az=74.6
 ISC 18 12:08:10.3,1.0,42:52N:0:01:42:97E:0.02,h14km,8km,
 n80, c1949/141,6C-10W,Western Caucasus

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
ONI	Oni	0.36	79	P	Sb	12 08 16.5	-2.0
ONI	Oni				Pb	12 08 22.0	-2.1
ONI	Oni	0.36	79	eP	Pb	12 08 16.5	-2.0
ONI	Oni	0.36	79	P	Pb	12 08 16.5	-2.0
DIGR	Digorskoe uzhe	0.58	50	IP	Pb	12 08 23.5	-0.5
DIGR	Digorskoe uzhe				Sb	12 08 27.9	-2.8
DIGR	Digorskoe uzhe	0.58	50	iP	Pb	12 08 20.3	-2.1
DIGR	Digorskoe uzhe				Sb	12 08 27.9	-2.8
CHVG	Ch'k'valeri	0.68	287	eP	Pb	12 08 24.1	-1.5
CHVG	Ch'k'valeri				Sb	12 08 32.9	-0.5
CHVG	Ch'k'valeri	0.68	287	eS	Pb	12 08 23.5	-0.5
CHVG	Ch'k'valeri				Sb	12 08 33.8	+0.5
CHVG	Ch'k'valeri	0.68	287	eP	Pb	12 08 23.5	-0.5
CHVG	Ch'k'valeri				Sb	12 08 24.1	-1.5
CHVG	Ch'k'valeri	0.68	287	eS	Pb	12 08 32.9	-0.5
CHVG	Ch'k'valeri				Sb	12 08 33.8	+0.5
ZEI	Tsey	0.73	69	eP	Pb	12 08 23.3	-1.7
ZEI	Tsey				Sb	12 08 23.3	-1.9
ZEI	Tsey	0.73	69	eP	Pb	12 08 23.3	-1.7
ZEI	Tsey				Sb	12 08 23.3	-1.9
NEY	Neytrino	0.75	346	iP	Pb	12 08 23.8	-1.4
NEY	Neytrino				Sb	12 08 23.8	-1.4
NEY	Neytrino	0.75	346	iP	Pb	12 08 23.8	-1.4
NEY	Neytrino				Sb	12 08 23.3	-2.3
LSNR	Lesken	0.98	39	eP	Pb	12 08 27.6	-1.5
LSNR	Lesken				Sb	12 08 40.1	-1.9
KORR	Kora	0.98	55	eP	Pb	12 08 28.5	-2.2
KORR	Kora				Sb	12 08 41.3	-2.2
KORR	Kora	0.98	55	eP	Pb	12 08 28.5	-2.2
KORR	Kora				Sb	12 08 41.3	-2.2
LACR	Lac	1.02	72	iP	Pb	12 08 29.1	-1.3
LACR	Lac				Sb	12 08 42.7	-1.9
LACR	Lac	1.02	72	iP	Pb	12 08 29.1	-1.3
LACR	Lac				Sb	12 08 42.7	-1.9
POsof	Posof	1.04	190	iP	Pb	12 08 29.8	-0.5
EPOS	Posof				Sb	12 08 45.3	+0.4
EPOS	Posof	1.04	190	iP	Pb	12 08 29.8	-0.5
EPOS	Posof				Sb	12 08 45.3	+0.4
NCK	Nalchik	1.07	25	eP	Pb	12 08 46.3	+0.6
NCK	Nalchik				Sb	12 08 46.3	+0.6
NCK	Nalchik	1.07	25	eP	Pb	12 08 46.3	+0.6
NCK	Nalchik				Sb	12 08 46.3	+0.6
STDR	Stavd-Durt	1.16	43	eP	Pb	12 08 32.8	+0.6
STDR	Stavd-Durt				Sb	12 08 48.0	+0.6
STDR	Stavd-Durt	1.16	43	eP	Pb	12 08 32.8	+0.6
STDR	Stavd-Durt				Sb	12 08 48.0	+0.6
ARNR	Ardon	1.17	55	eP	Pb	12 08 33.5	+1.3
ARNR	Ardon				Sb	12 08 48.9	+0.9
ARNR	Ardon	1.17	55	eP	Pb	12 08 33.5	+1.3
ARNR	Ardon				Sb	12 08 48.9	+0.9
AKH	Akhalkalaki	1.18	161	eP	Pb	12 08 32.9	0.0
AKH	Akhalkalaki				Sb	12 08 32.3	-0.7
AKH	Akhalkalaki	1.18	161	eP	Pb	12 08 32.9	0.0
AKH	Akhalkalaki				Sb	12 08 32.3	-0.7
AKH	Akhalkalaki	1.18	161	eP	Pb	12 08 32.9	0.0
AKH	Akhalkalaki				Sb	12 08 32.3	-0.7
AKH	Akhalkalaki	1.18	161	eP	Pb	12 08 32.9	0.0
AKH	Akhalkalaki				Sb	12 08 32.3	-0.7
SHA1	Shidzhatmaz	1.23	349	eP	Pb	12 08 33.0	-0.4
SHA1	Shidzhatmaz				Sb	12 08 49.6	-0.4
SHA1	Shidzhatmaz	1.23	349	eP	Pb	12 08 33.0	-0.4
SHA1	Shidzhatmaz				Sb	12 08 49.6	-0.4
DOMR	Dombai	1.25	308	eP	Pb	12 08 33.6	-0.8
DOMR	Dombai				Sb	12 08 51.4	+1.0
DOMR	Dombai	1.25	308	eP	Pb	12 08 33.6	-0.8
DOMR	Dombai				Sb	12 08 51.4	+1.0
KBTC	Kuba-Taba	1.33	14	eP	Pb	12 08 35.4	-0.5
KBTC	Kuba-Taba				Sb	12 08 51.1	+1.1
KBTC	Kuba-Taba	1.33	14	eP	Pb	12 08 35.4	-0.5
KBTC	Kuba-Taba				Sb	12 08 51.1	+1.1
BGD	Bogdanovka	1.34	159	P	Pb	12 08 53.2	+1.1
BGD	Bogdanovka				Sb	12 08 53.2	-0.9
BGD	Bogdanovka	1.34	159	P	Pb	12 08 53.2	+1.1
BGD	Bogdanovka				Sb	12 08 53.2	-0.9
VLKR	Vladikavkaz	1.36	67	eP	Pb	12 08 37.6	+1.2
VLKR	Vladikavkaz				Sb	12 08 55.3	+1.2
VLKR	Vladikavkaz	1.36	67	eP	Pb	12 08 37.6	+1.2
VLKR	Vladikavkaz				Sb	12 08 55.3	+1.2
BTKR	Batakoyurt	1.43	53	eP	Pb	12 08 38.9	+1.1
BTKR	Batakoyurt				Sb	12 08 56.7	+1.1
BTKR	Batakoyurt	1.43	53	eP	Pb	12 08 38.9	+1.1
BTKR	Batakoyurt				Sb	12 08 56.7	+1.1
KIV	Kislovodsk	1.45	352	eP	Pb	12 08 36.8	-1.3
KIV	Kislovodsk				Sb	12 08 56.2	-0.7
KIV	Kislovodsk	1.45	352	eP	Pb	12 08 36.8	-1.3
KIV	Kislovodsk				Sb	12 08 56.2	-0.7
KMG	Komgaron	1.49	68	eP	Pb	12 08 40.0	+1.1
KMG	Komgaron				Sb	12 08 59.6	+1.3
KMG	Komgaron	1.49	68	eP	Pb	12 08 40.0	+1.1
KMG	Komgaron				Sb	12 08 59.6	+1.3
DBOC	Borcka	1.53	220	iP	Pb	12 08 59.2	-0.2
DBOC	Borcka				Sb	12 08 38.0	-0.4
DBOC	Borcka	1.53	220	iP	Pb	12 08 59.2	-0.2
DBOC	Borcka				Sb	12 08 38.0	-0.4
TBLG	Delisi	1.53	120	eP	Pb	12 08 36.5	-0.8
TBLG	Delisi				Sb	12 08 57.4	-0.9
TBLG	Delisi	1.53	120	eP	Pb	12 08 36.5	-0.8
TBLG	Delisi				Sb	12 08 57.4	-0.9
TBLG	Delisi	1.53	120	eP	Pb	12 08 36.5	-0.8
TBLG	Delisi				Sb	12 08 57.4	-0.9
ARTV	Artvin	1.55	211	iP	Pb	12 48 20.1	-0.4
ARTV	Artvin				Sb	12 48 41.2	-0.1
ARTV	Artvin	1.55	211	iP	Pb	12 48 20.1	-0.4
ARTV	Artvin				Sb	12 48 41.2	-0.1
ARTV	Artvin	1.55	211	iP	Pb	12 48 20.1	-0.4
ARTV	Artvin				Sb	12 48 41.2	-0.1
DAGI	Agillar	1.65	209	iP	Pb	12 48 11.4	0.0
DAGI	Agillar				Sb	12 48 29.4	-0.2
DAGI	Agillar	1.65	209	iP	Pb	12 48 11.4	0.0
DAGI	Agillar				Sb	12 48 29.4	-0.2
DGRG	David-gareji	2.09	120	P	Pb	12 48 29.2	-1.3
DGRG	David-gareji				Sb	12 48 57.4	-1.0
DGRG	David-gareji	2.09	120	P	Pb	12 48 29.2	-1.3
DGRG	David-gareji				Sb	12 48 57.4	-1.0
DGRG	David-gareji	2.09	120	P	Pb	12 48 29.2	-1.3
DGRG	David-gareji				Sb	12 48 57.4	-1.0
OZZX	Qazax, Azerbai	2.32	128	iP	Pb	12 08 49.8	-2.0
OZZX	Qazax, Azerbai				Sb	12 09 20.5	+0.2
GOF	Gofitskoye	2.53	11	eP	Pb	12 09 08.8	+2.0
GOF	Gofitskoye				Sb	12 09 35.7	+4.0
GOF	Gofitskoye	2.53	11	eP	Pb	12 09 08.8	+2.0
GOF	Gofitskoye				Sb	12 09 35.7	+4.0
GOF	Gofitskoye	2.53	11	eP	Pb	12 09 08.8	+2.0
GOF	Gofitskoye				Sb	12 09 35.7	+4.0
GOF	Gofitskoye	2.53	11	eP	Pb	12 09 08.8	+2.0
GOF	Gofitskoye				Sb	12 09 35.7	+4.0
GNI	Garni	2.72	150	iP	Pb	12 08 58.1	-0.7
GNI	Garni				Sb	12 08 58.1	-0.7
GNI	Garni	2.72	150	iP	Pb	12 08 58.1	-0.7
GNI	Garni				Sb	12 08 58.1	-0.7
GDB	GEDABAY	2.76	130	iP	Pb	12 08 32.5	-0.6
GDB	GEDABAY				Sb	12 08 56.8	+1.1
GDB	GEDABAY	2.76	130	iP	Pb	12 08 32.5	-0.6
GDB	GEDABAY				Sb	12 08 56.8	+1.1
ZKTA	Zakatala	2.86	107	iP	Pb	12 08 36.9	+1.0
ZKTA	Zakatala				Sb	12 09 36.9	+1.0
ZKTA	Zakatala	2.86	107	iP	Pb	12 08 36.9	+1.0
ZKTA	Zakatala				Sb	12 09 36.9	+1.0
GANJ	Ganja	3.14	126	iP	Pb	12 09 43.4	-0.5
GANJ	Ganja				Sb	12 09 54.8	+2.7
GANJ	Ganja	3.14	126	iP	Pb	12 09 43.4	-0.5
GANJ	Ganja				Sb	12 09 54.8	+2.7
SEKA	Sheki	3.42	111	iP	Pb	12 12 14.4	+1.1
SEKA	Sheki				Sb	12 12 24.2	+4.9
SEKA	Sheki	3.42	111	iP	Pb	12 12 14.4	+1.1
SEKA	Sheki				Sb	12 12 24.2	+4.9
ARU	Arti	17.15	30	P	Pb	12 12 12.4	+1.5
ARU	Arti				Sb	12 12 32.6	+1.5
ARU	Arti	17.15	30	P	Pb	12 12 12.4	+1.5
ARU	Arti				Sb	12 12 32.6	+1.5
VSU	Vasula	18.92	333	eP	Pb	12 12 32.6	+1.5
VSU	Vasula				Sb	12 12 32.6	+1.5

comp=Z,23nm,1.3s
 VSU Vasula 18.92 333 eP Pn 12 12 32.6 +1.5
 comp=Z,23nm,1.3s
 BRVK Borovoye 21.03 51j eP P 12 12 56.7 +3.2
 BRVK Borovoye 21.03 51P P 12 12 56.7 +4.2
 PALK Pallekele 48.34 126 iP P 12 16 56.0 +4.4
 PALK Pallekele 48.34 126 iP P 12 16 56.0 +4.4

IDC 18 12:11:17.6:2.6,5:90S:148:07E,h175km,20km,mb3.4/2,
 mb1 3.4/4,mb1mx3.1/28,mbtmp3.7/4,Error ellipse:
 s-maj=74.2km s-min=22.1km az=107.0,New Britain
 region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
PMG	Port Moresby	3.60	195	P	Pn	12 12 14.8	+1.3
PMG	Port Moresby				Sb	12 12 57.3	+0.1
WRA	Warramunga Arr	19.32	222	P	P	12 15 27.7	-1.9
ASAR	Alice Springs	22.32	216	P	P	12 16 00.4	-0.7
ASAR	Alice Springs				S	12 19 54.8	+1.2
FITZ	Fitzroy Crossi	25.03	239	P	P	12 16 27.5	+1.7
TORD	Torodi Arr. Bea	146.10	285	PKPbc	PKPdf	12 30 36.8	-0.1

TIF 18 12:12:48.9,42:55N:42:98E,h4km,1km,Western
 Caucasus

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
ONI	Oni	0.35	84	P	Sb	12 12 56.3	+0.7
ONI	Oni				S	12 13 02.4	-1.1

MAN 18 12:16:03,13:08N:125:29E,h77km,mb4.9,ML3.9,MS3.9,
 2C,Philippine Islands region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
PVCP	Virac	1.22	295	eP	Pb	12 16 26.2	+1.6
PVCP	Virac				Sb	12 16 42	

s-min=7.9km az=140.7
 IDC 18 15:27:50.9, 1.1, 33.92S; 72.00W, h0km, mb3.8/4,
 mb1 4.2/6, mb1mx3.9/26, mbtmp4.0/6, ML4.2/2, MS3.6/6,
 Ms1 3.6/6, ms1mx3.3/26, Error ellipse: s-maj=47.7km
 s-min=22.6km az=87.0
 NEIC 18 15:27:56.4, 1.3, 33.92S; 72.05W, h38km, 12km, mb4.6/11,
 Error ellipse: s-maj=19.2km s-min=7.8km az=84.0
 ISC 18 15:27:54.0, 0.6, 33.84S; 0.06; 71.82W; 0.06, h19km, n44,
 c259/43, mb4.7/14, MS3.8/3, 1D, Near coast of central

Code	Station Name	A°	AZ°	Phase ID	ISC	Time	Res
Op	h	m	s	ISC	ISC	ISC	ISC
AUSP	Uspallata	2.60	52	eP	Pg	15 28 41.8	-2.2
AUSP	Agrelo	2.61	74	eP	Pg	15 28 40.0	-2.1
ASAL	Salagasta	2.79	64	eP	Pg	15 28 46.0	-1.6
ASAL	Leoncito	2.94	47	eP	Pb	15 28 46.3	+0.3
RTLS	Cerro Valdivia	3.39	55	eP	Pg	15 29 35.0	+6.4
RTVC	MOGNA	4.04	45	eP	Pb	15 29 00.8	-4.5
AMOG	Las Campanas	4.91	12	ePn	Pn	15 29 08.3	+1.3
AMOG	GUANDACOL	5.19	34	eP	Sb	15 29 04.5	+1.0
AGUA	Vinchina	5.96	32	eS	Sb	15 30 36.7	-3.8
VCA	Tanti	6.59	70	eP	Pn	15 29 33.5	+3.6
TCA	Paso Flores	6.95	172	Pn	Pn	15 29 34.9	0.0
TCA	PLCA	7.45	45	eP	Pn	15 31 28.1	-0.1
PLCA	Choya	7.45	45	eP	Pn	15 31 36.4	-0.1
PLCA	TRQA	9.02	121	ePn	Pn	15 30 07.6	+4.4
PLCA	FSF	9.22	35	eP	Pn	15 30 01.9	-4.2
CYA	LVC	11.48	14	LR	LR	15 35 23.0	0.0
LVC	Limon Verde	11.48	14	LR	LR	15 35 34.7	-2.6
CPUP	Villa Florida	14.60	63	LR	LR	15 37 37.3	-0.1
LPAZ	La Paz	17.79	12	eP	P	15 32 03.2	+1.2
LPAZ	La Paz	20.79	12	eP	P	15 32 03.2	+1.2
SIV	San Ignacio	20.79	12	eP	Pn	15 32 29.7	-0.5
NNA	Nana	22.23	347	LR	LR	15 39 47.5	-0.1
SAML	Samuel	26.02	20	eP	P	15 33 27.9	+1.9
PTGA	Pitinga	34.77	21	eP	P	15 34 43.6	+0.3
RUSC	La Rusia	39.54	358	eP	P	15 35 26.0	+1.6
SNA	Sanae	51.66	158	eP	P	15 36 59.3	+0.2
SNA	Sanae	51.66	158	eP	P	15 36 59.0	-0.2
SABA	Saba	51.83	10	eP	P	15 37 00.0	-0.8
MPR	Mayaguez	51.96	6	eP	P	15 37 03.6	+1.9
GRTK	Grand Turk	55.05	1	eP	P	15 37 24.7	+0.3
QSPA	South Pole Qui	56.39	180	eP	P	15 37 33.7	-0.1
LTX	Lajitas	69.69	331	eP	P	15 39 03.0	+0.5
TXAR	Lajitas Array	69.69	331	eP	P	15 39 03.0	+0.5
TXS1	Lajitas Ar. S1	69.69	331	eP	P	15 39 02.1	-0.4
SWET	Swansea	69.96	348	eP	P	15 39 03.8	-0.1
WVT	Waverly	71.20	346	eP	P	15 39 11.7	+0.2
X301	Greenbrier Sit	71.37	342	eP	P	15 39 12.5	0.0
GRDZ	Guadalupe Moun	72.49	331	eP	P	15 39 20.4	+0.9
ULZ	Urewera	83.90	228	LR	LR	16 11 05.3	-0.1
TORD	Torodi Ar. Bea	83.98	70	eP	P	15 40 23.6	+0.3
TOA1	Torodi Ar. S1t	83.98	70	eP	P	15 40 23.6	+0.3
ESDC	Sonseques Array	96.34	34	LR	LR	16 23 30.0	-0.1
WR1	Warramunga Ar	120.99	209	ePKPdf	PKPdf	15 46 44.0	-1.8
WRA	Warramunga Ar	120.99	209	ePKPdf	PKPdf	15 46 44.0	-1.8

CSEM 18 15:31:24.8, 0.1, 42.53N; 42.98E, h2km, mb3.8, Error
 ellipse: s-maj=3.1km s-min=2.6km az=102.0
 ZEI 18 15:31:24.1, 42.56N; 42.99E, h13km
 MOS 18 15:31:25.1, 42.52N; 43.02E, h11km, mb3.8/2, Error
 ellipse: s-maj=8.5km s-min=5.1km az=75.1
 DDA 18 15:31:32.6, 41.62N; 43.29E, h7km, MB3.2
 ISC 18 15:31:25.0, 1.0, 42.54N; 0.01; 43.00E; 0.02, h5km, 8km,
 n74, c1910/133, 5C-3D, Western Caucasus

Code	Station Name	A°	AZ°	Phase ID	ISC	Time	Res
Op	h	m	s	ISC	ISC	ISC	ISC
ONI	Oni	0.34	81	eP	Pg	15 31 31.7	0.0
ONI	Oni	0.34	81	eP	Pg	15 31 37.4	-2.0
ONI	Oni	0.34	81	eP	Pg	15 31 31.6	-0.1
ONI	Oni	0.34	81	eP	Pg	15 31 37.4	-2.0
ONI	Oni	0.34	81	eP	Pg	15 31 37.4	-2.0
DIGR	Digorskoe uzhe	0.56	50	iP	Pg	15 31 35.4	+0.5
DIGR	Digorskoe uzhe	0.56	50	iP	Pg	15 31 43.4	+0.2
DIGR	Digorskoe uzhe	0.56	50	iP	Pg	15 31 35.4	+0.5
DIGR	Digorskoe uzhe	0.56	50	iP	Pg	15 31 43.4	+0.2
CHVG	Ch'k'valeri	0.70	285	eP	Pg	15 31 38.4	+0.8
CHVG	Ch'k'valeri	0.70	285	eP	Pg	15 31 38.4	+0.8
CHVG	Ch'k'valeri	0.70	285	eP	Pg	15 31 48.3	+0.8
ZEI	Tsey	0.71	69	eP	Pg	15 31 38.0	-0.7
ZEI	Tsey	0.71	69	eP	Pg	15 31 48.1	+0.1
ZEI	Tsey	0.71	69	eP	Pg	15 31 38.0	-0.7
ZEI	Tsey	0.71	69	eP	Pg	15 31 48.1	+0.1
NEY	Neytrino	0.74	344	iP	Pg	15 31 38.8	-0.4
NEY	Neytrino	0.74	344	iP	Pg	15 31 38.8	-0.4
LSNR	Lesken	0.96	39	eP	Pg	15 31 43.5	+0.1
KORR	Kora	0.96	55	eP	Pg	15 31 45.8	+0.8
KORR	Kora	0.96	55	eP	Pg	15 31 56.3	-0.9
KORR	Kora	0.96	55	eP	Pg	15 31 43.0	-0.4
KORR	Kora	0.96	55	eP	Pg	15 31 56.3	-0.9
LACR	Lac	1.00	73	eP	Pg	15 31 43.2	-1.0
LACR	Lac	1.00	73	eP	Pg	15 31 43.2	-1.0
EPOS	Posof	1.05	191	iP	Pg	15 31 44.5	-0.7
EPOS	Posof	1.05	191	iP	Pg	15 31 44.5	-0.7
EPOS	Posof	1.05	191	iP	Pg	15 31 59.7	-0.3
EPOS	Posof	1.05	191	iP	Pg	15 31 44.5	-0.7
NCK	Nalchik	1.05	24	eP	Pn	15 31 45.3	-0.5
NCK	Nalchik	1.05	24	eP	Pn	15 32 00.5	-1.1
NCK	Nalchik	1.05	24	eP	Pn	15 31 45.3	-0.5
NCK	Nalchik	1.05	24	eP	Pn	15 32 00.5	-1.1
GUDG	Gudauri	1.10	93	eP	Pn	15 32 03.2	+0.3
GUDG	Gudauri	1.10	93	eP	Pn	15 32 03.2	+0.3
GUDG	Gudauri	1.10	93	eP	Pn	15 31 46.5	-0.7
GUDG	Gudauri	1.10	93	eP	Pn	15 32 03.2	+0.3
STDR	Stavd-Durt	1.14	43	eP	Pn	15 31 48.1	+0.4
STDR	Stavd-Durt	1.14	43	eP	Pn	15 32 03.6	-0.1
STDR	Stavd-Durt	1.14	43	eP	Pn	15 31 48.1	+0.4
STDR	Stavd-Durt	1.14	43	eP	Pn	15 32 03.6	-0.1

Code	Station Name	A°	AZ°	Phase ID	ISC	Time	Res
Op	h	m	s	ISC	ISC	ISC	ISC
ARNR	Ardon	1.14	55	eP	Pn	15 31 49.3	+1.6
ARNR	Ardon	1.14	55	eP	Pn	15 32 04.9	+1.1
ARNR	Ardon	1.14	55	eP	Pn	15 31 49.3	+1.6
AKH	Akhalkalaki	1.19	162	P	Pb	15 31 47.4	-0.7
AKH	Akhalkalaki	1.19	162	P	Pb	15 32 04.1	-0.9
AKH	Akhalkalaki	1.19	162	P	Pb	15 31 47.4	-0.7
AKH	Akhalkalaki	1.19	162	P	Pb	15 32 04.1	-0.9
AKH	Akhalkalaki	1.19	162	P	Pb	15 31 47.4	-0.7
AKH	Akhalkalaki	1.19	162	P	Pb	15 32 04.1	-0.9
SHA1	Shidzhatmaz	1.23	348	eP	Pn	15 31 48.2	-0.9
SHA1	Shidzhatmaz	1.23	348	eP	Pn	15 32 04.9	+0.4
SHA1	Shidzhatmaz	1.23	348	eP	Pn	15 31 48.2	-0.9
SHA1	Shidzhatmaz	1.23	348	eP	Pn	15 32 04.9	+0.4
DOMR	Dombai	1.26	307	eP	Pg	15 31 49.7	+0.5
DOMR	Dombai	1.26	307	eP	Pg	15 32 07.3	+1.8
DOMR	Dombai	1.26	307	eP	Pg	15 31 49.7	+0.5
DOMR	Dombai	1.26	307	eP	Pg	15 32 07.3	+1.8
KBTC	Kuba-Taba	1.31	13	eP	Pb	15 31 49.5	-1.0
KBTC	Kuba-Taba	1.31	13	eP	Pb	15 32 06.4	-1.0
KBTC	Kuba-Taba	1.31	13	eP	Pb	15 31 49.5	-1.0
KBTC	Kuba-Taba	1.31	13	eP	Pb	15 32 06.4	-1.0
VLKR	Vladikavkaz	1.34	67	eP	Pn	15 32 08.2	-2.2
VLKR	Vladikavkaz	1.34	67	eP	Pn	15 32 06.7	-1.4
VLKR	Vladikavkaz	1.34	67	eP	Pn	15 32 08.2	-2.2
VLKR	Vladikavkaz	1.34	67	eP	Pn	15 32 06.7	-1.4
DUS	Dusheti	1.34	109	P	Pg	15 31 53.6	+2.9
DUS	Dusheti	1.34	109	P	Pg	15 32 13.2	+5.1
DUS	Dusheti	1.34	109	P	Pg	15 31 53.6	+2.9
DUS	Dusheti	1.34	109	P	Pg	15 32 13.2	+5.1
BGD	Bogdanovka	1.35	160	P	Pg	15 31 50.6	+2.9
BGD	Bogdanovka	1.35	160	P	Pg	15 32 08.9	+0.5
BGD	Bogdanovka	1.35	160	P	Pg	15 31 50.6	+2.9
BGD	Bogdanovka	1.35	160	P	Pg	15 32 08.9	+0.5
BTKR	Batakoyurt	1.41	53	eP	Pn	15 31 50.9	-0.9
BTKR	Batakoyurt	1.41	53	eP	Pn	15 32 10.1	-0.2
BTKR	Batakoyurt	1.41	53	eP	Pn	15 31 50.9	-0.9
BTKR	Batakoyurt	1.41	53	eP	Pn	15 32 10.1	-0.2
SHAT	Shat	1.44	351	eP	Pn	15 31 52.9	-0.3
KIV	Kislovodsk	1.44	351	eP	Pn	15 32 11.9	+0.7
KIV	Kislovodsk	1.44	351	eP	Pn	15 31 52.9	-0.3
KIV	Kislovodsk	1.44	351	eP	Pn	15 32 11.9	+0.7
KIV	Kislovodsk	1.44	351	eP	Pn	15 31 52.9	-0.3
TBLG	Delisi	1.52	121	eP	Pn	15 31 52.9	-0.9
TBLG	Delisi	1.52	121	eP	Pn	15 32 13.3	-0.7
TBLG	Delisi	1.52	121	eP	Pn	15 31 52.9	-0.9
TBLG	Delisi	1.52	121	eP	Pn	15 32 13.3	-0.7
PYA1	Pyatigorsk	1.53	3	eP	Pn	15 31 53.1	-0.7
PYA1	Pyatigorsk	1.53	3	eP	Pn	15 32 13.8	-0.3
PYA1	Pyatigorsk	1.53	3	eP	Pn	15 31 53.1	-0.7
PYA1	Pyatigorsk	1.53	3	eP	Pn	15 32 13.8	-0.3
PRTR	Priterechnaya	1.5					

C35A	Jirik Farms, M	23.99	85	P	P	15 40 58.5	-1.4
F34A	Alexandria	24.00	90	P	P	15 40 58.6	-1.4
M31A	Lambrecht Ranc	24.02	103	P	P	15 41 00.3	0.0
G34A	Benson	24.02	91	P	P	15 40 59.0	-1.1
ANMO	Albuquerque	24.13	124	P	P	15 41 02.3	+0.7
ANMO	Albuquerque	24.13	124	P	P	15 41 01.4	-0.2
ANMO	Albuquerque	24.13	124	eP	P	15 41 01.7	+0.1
J33A	Davis	24.15	97	P	P	15 41 01.5	+0.1
ECSD	EROS Data Cent	24.15	95	P	P	15 41 01.3	-0.2
ECSD	EROS Data Cent	24.15	95	eP	P	15 41 01.2	-0.2
D35A	Remer	24.20	86	P	P	15 41 01.4	-0.4
E35A	Pequot Lakes	24.20	88	P	P	15 41 00.5	-1.3
TUC	Tucson	24.20	135	P	P	15 41 02.5	+0.4
TUC	Tucson	24.20	135	eP	P	15 41 01.0	-1.0
H34A	Spellman Lake,	24.21	93	P	P	15 41 01.3	-0.6
LAZ	Ladron	24.21	126	eP	P	15 41 02.6	+0.3
F35A	Swanville	24.40	89	P	P	15 41 01.7	-2.0
K33A	Hardington	24.51	98	P	P	15 41 04.1	-0.6
O31A	Woolen Ranch,	24.52	105	P	P	15 41 05.1	+0.2
C36A	Pine Crest Far	24.68	84	P	P	15 41 04.8	-1.4
D35A	Goodland	24.71	85	P	P	15 41 05.3	-1.2
H36A	Sunnyside Ranc	24.78	92	P	P	15 41 06.6	-0.5
J34A	George	24.80	96	P	P	15 41 06.6	-0.7
E36A	McGregor	24.93	87	P	P	15 41 08.4	0.0
M33A	Taylor Creek F	24.97	100	P	P	15 41 08.8	-0.1
F36A	Milaca	25.05	88	P	P	15 41 09.2	-0.3
O32A	Brockman Farm,	25.09	104	P	P	15 41 10.0	0.0
C37A	Embarrass	25.09	83	P	P	15 41 09.0	-1.0
I35A	Creekview Farm	25.11	94	P	P	15 41 08.7	-1.3
CBKS	Cedar Bluff	25.13	108	P	P	15 41 11.0	+0.6
CBKS	Cedar Bluff	25.13	108	eP	P	15 41 11.5	+1.2
D37A	Cotton	25.18	85	P	P	15 41 10.1	-0.6
J35A	Milford	25.22	95	P	P	15 41 10.8	-0.3
L34A	Svendsen Farm,	25.25	99	P	P	15 41 11.4	0.0
P32A	Hutting Farm,	25.29	106	P	P	15 41 10.6	-1.2
121A	Cookes Peak, D	25.40	130	P	P	15 41 13.5	+0.5
H36A	Jessenland, He	25.40	91	P	P	15 41 11.9	-0.8
EYMN	Ely	25.44	83	P	P	15 41 13.5	+0.5
EYMN	Ely	25.44	83	eP	P	15 41 11.6	-1.5
K35A	Storm Lake	25.55	96	P	P	15 41 14.2	+0.1
O33A	Hebron	25.62	104	P	P	15 41 14.4	-0.4
C38A	Sawbill Land,	25.66	83	P	P	15 41 13.7	-1.4
319A	Douglas	25.66	134	eP	P	15 41 14.5	-0.9
L35A	Bielow Farm, R	25.68	98	P	P	15 41 14.4	-0.9
O32A	Meitler Ranch,	25.72	107	P	P	15 41 14.2	-1.5
J36A	Seneca I, Swea	25.78	94	P	P	15 41 15.7	-0.5
SPMN	Marine on St.	25.80	89	P	P	15 41 16.6	+0.3
SPMN	Marine on St.	25.80	89	eP	P	15 41 15.9	-0.4
N34A	Lincoln	25.83	101	P	P	15 41 14.9	-1.7
P33A	Williams Farm,	25.95	105	P	P	15 41 19.2	+1.3
M35A	Neola	25.96	99	P	P	15 41 17.5	-0.3
I37A	Lemond, Waseca	26.01	92	P	P	15 41 18.6	+0.3
O37A	Dierke Farm, C	26.03	91	P	P	15 41 18.5	0.0
H33A	Connelly Farm,	26.15	106	P	P	15 41 19.8	+0.2
L36A	Harm Buss Farm	26.23	97	P	P	15 41 21.7	+1.4
J37A	Redenius Farm,	26.28	94	P	P	15 41 20.8	+0.1
C39A	Grand Marais	26.33	82	P	P	15 41 21.5	+0.4
S32A	Newby Ranch, P	26.34	109	P	P	15 41 20.2	-1.1
N35A	Tabor	26.34	100	P	P	15 41 22.5	+1.2
H38A	Maiden Rock	26.38	90	P	P	15 41 21.3	-0.3
P34A	Walnut Farm, R	26.41	104	P	P	15 41 23.8	+1.9
G38A	Ridgeland	26.41	89	P	P	15 41 21.8	-0.1
R33A	Olander Ranch,	26.50	107	P	P	15 41 24.5	+1.7
K37A	Belmond	26.51	95	P	P	15 41 20.9	-1.9
I38A	Scanlan Farm,	26.66	91	P	P	15 41 25.7	+1.5
T32A	Huddler Ranch,	26.70	110	P	P	15 41 26.1	+1.5
O34A	Chapman	26.73	105	P	P	15 41 26.2	+1.4
AMTX	Amarillo	26.75	117	P	P	15 41 26.3	+1.2
AMTX	Amarillo	26.75	117	eP	P	15 41 25.1	0.0
L37A	Phoenix Point,	26.79	96	P	P	15 41 26.1	+0.8
MSTX	Muleshoe	26.83	120	P	P	15 41 25.1	-0.8
MSTX	Muleshoe	26.83	120	eP	P	15 41 26.0	-0.1
J38A	Weddi Dairy, R	26.94	93	P	P	15 41 27.1	+0.3
R34A	Isabella, Hill	26.95	106	P	P	15 41 27.0	+0.2
H39A	Augusta	27.00	89	P	P	15 41 27.2	0.0
M37A	Trindle Farm,	27.00	98	P	P	15 41 24.6	-2.7
K38A	Parkersburg	27.11	94	P	P	15 41 26.3	-1.9
MNTX	Cornudas Mount	27.25	127	P	P	15 41 30.1	+0.5
MNTX	Cornudas Mount	27.25	127	eP	P	15 41 30.0	+0.4
I39A	Houston	27.26	91	P	P	15 41 29.3	-0.3
Q35A	Merced Eighty,	27.32	104	P	P	15 41 30.3	+0.1
P36A	Good Intent, A	27.35	102	P	P	15 41 31.1	+0.7
J39A	Decorar	27.41	92	P	P	15 41 30.4	-0.6
RES	Resolute Bay	27.42	20	eP	P	15 41 29.2	-1.4
M38A	Pleasantville	27.53	97	P	P	15 41 28.9	-3.0

H40A	Chili	27.59	89	P	P	15 41 28.0	-4.5
V32A	Arapaho	27.64	113	P	P	15 41 33.5	+0.5
I40A	Norwalk	27.81	90	P	P	15 41 34.4	0.0
P37A	Lathrop	27.89	101	P	P	15 41 34.7	-0.5
J40A	Soldiers Grove	27.98	91	P	P	15 41 36.6	+0.6
V33A	Lossen Ranch,	28.00	111	P	P	15 41 34.7	-1.6
I41A	Arkelle	28.19	89	P	P	15 41 37.5	-0.3
N39A	Derby Farms, D	28.27	97	P	P	15 41 39.4	+0.8
T35A	Sooner Cattle	28.30	108	P	P	15 41 39.5	+0.6
P38A	Dawn	28.37	100	P	P	15 41 39.2	-0.3
L40A	Anamosa	28.40	94	P	P	15 41 35.7	-4.0
X32A	Elmer	28.43	115	P	P	15 41 40.4	+0.3
V34A	Guthrie	28.44	111	P	P	15 41 41.2	+1.0
WMOK	Wichita Mounta	28.48	114	P	P	15 41 40.8	+0.2
WMOK	Wichita Mounta	28.48	114	eP	P	15 41 39.7	-0.9
K41A	Shultburg	28.67	92	P	P	15 41 41.0	-1.1
P39B	Salisbury	28.93	100	P	P	15 41 45.4	+0.9
Q39A	Willow Grove F	29.07	101	P	P	15 41 44.9	-0.8
M41A	Milan	29.20	94	P	P	15 41 47.3	+0.4
Y34A	Reagan Ranch,	29.63	114	P	P	15 41 50.4	-0.3
X35A	Drake	29.77	112	P	P	15 41 52.4	+0.5
TX31	Lajitas Ar. Si	30.03	127	eP	P	15 41 54.9	+0.4
LTX	Lajitas	30.03	127	eP	P	15 41 55.0	+0.6
TXAR	Lajitas Array	30.03	127	P	P	15 41 55.0	+0.6
HHAR	Hobbs	30.26	106	eP	P	15 41 56.8	+0.5
Z35A	Penhavent, San	30.38	114	P	P	15 41 58.8	+1.4
R41A	Rosebud	30.51	100	P	P	15 41 59.4	+0.9
HPIG	Junction City	31.09	133	eP	P	15 42 02.2	-1.7
Q43A	New Douglas	31.15	98	P	P	15 42 03.4	-0.7
V41A	Mountainview	31.66	105	P	P	15 42 08.2	-0.5
S43A	Fulton Ridge,	31.77	100	P	P	15 42 09.5	0.0
S33A	Kerville	31.85	120	P	P	15 42 12.1	+1.7
SFIN	Lafayette	31.91	93	P	P	15 42 10.6	-0.3
SFIN	Lafayette	31.91	93	eP	P	15 42 09.7	-1.1
435B	Jarrell	32.09	117	P	P	15 42 15.2	+2.8
534A	Blanco	32.19	119	P	P	15 42 17.3	+4.0
PEA1	Petrovskovsk-	42.02	301	eP	P	15 43 38.3	+1.7
PEA0	Petrovskovsk-	42.02	301	eP	P	15 43 37.8	+1.2
PETK	Petrovskovsk-	42.02	301	eP	P	15 43 38.3	+1.7
SUMG	Summit	42.48	26	eP	P	15 43 41.0	+0.4
MA2	Magadan	42.58	313	P	P	15 43 42.8	+1.8
DAG	Danmarks Havn	45.07	18	fP	P	15 44 01.5	+0.7
TIXI	Tiksi	45.11	334	P	P	15 44 01.4	+0.3
TIXI	Tiksi	45.11	334	eP	P	15 44 01.2	+0.1
YAK	Yakutsk	50.17	323	P	P	15 44 41.7	+1.2
YAK	Yakutsk	50.17	323	eP	P	15 44 41.4	+0.8
NR1K	Noril'sk	56.16	345	P	P	15 45 25.1	+0.5
KLR	Kul'dur	57.51	310	P	P	15 45 35.5	+1.0
H112	WAKE ISLAND Hy	57.62	261	T	T	16 48 07.3	
H113	WAKE ISLAND Hy	57.62	261	T	T	16 48 11.8	
H111	WAKE ISLAND Hy	57.64	261	T	T	16 48 13.8	
ARCES	ARCCESS Array B	57.95	10	P	P	15 45 37.6	+0.2
H115	WAKE ISLAND Hy	58.67	260	T	T	16 49 28.4	
H112	WAKE ISLAND Hy	58.68	260	T	T	16 49 29.9	
H113	WAKE ISLAND Hy	58.69	260	T	T	16 49 31.0	
TAOE	Nuku Hiva Isla	60.73	191	eLR	LR	16 04 05.7	
TAOE	Nuku Hiva Isla	60.73	191	eT	T	16 51 38.9	
USRK	Ussuriysk Ar.	60.88	305	P	P	15 45 57.9	0.0
MDJ	Mudanjiang	61.79	307	P	P	15 46 02.3	-1.8
MDJ				pP	pP	15 46 05.3	+0.4
MDJ				sP	sP	15 46 06.8	+1.5
MDJ				pmax	pmax	15 54 23.9	-3.9
MDJ				pmax	pmax		
MDJ				LR	LR		
MDJ				LR	LR		
MDJ				LR	LR		
MJAR	Matsushiro Arr	62.96	295	P	P	15 46 11.6	-0.4
NB00	NORSAR Array S	63.69	20	eP	P	15 46 16.0	+0.1
NB2	NORSAR Subarra	63.69	20	P	P	15 46 17.1	+0.6
NB2	NORSAR Subarra	63.69	20	P	P	15 46 17.1	+0.6
NB20	NORSAR Array S	63.69	20	eP	P	15 46 16.9	+0.5
NOA	NORSAR Array B	63.69	20	P	P	15 46 16.9	+0.5
RUSC	La Rusia	65.72	113	eP	P	15 46 30.6	-0.3
FIAO	FINESS Array S	65.82	12	eP	P	15 46 30.8	+0.5
FINES	FINESS Array B	65.82	12	eP	P	15 46 30.8	+0.5
TLY	Talaya	67.32	327	P	P	15 46 41.5	+1.4
TLY	Talaya	67.32	327	eP	P	15 46 40.7	+0.6
KS01	Wonju Array Si	67.90	303	eP	P	15 46 43.7	-0.2
KSRS	Korea Array	67.90	303	P	P	15 46 44.3	+0.3
KSAR	Wonju Array Be	67.93	303	P	P	15 46 44.3	+0.1
VAH	Vaihoo	68.14	198	eT	T	17 00 52.3	
SONA1	Songino Array	69.52	323	eP	P	15 46 54.2	+0.2
SONA0	Songino Array	69.52	323	eP	P	15 46 54.8	+0.6
SONM	Songino Array	69.53	323	P	P	15 46 54.8	+0.6
ZAA1	Zalesovo Array	70.79	339	eP	P	15 47 01.3	+0.3
ZAA0	Zalesovo Array	70.79	339	eP	P	15 47 01.0	0.0
ZALV	Zalesovo Beam	70.79	339	P	P	15 47 01.3	+0.3
TIAR	Tiarei	70.73	199	eT	T	17 04 15.6	
PP2T	Papeete2	70.81					

T 4.3550, Plg8.0000", Azm303.0000"; N 0.8930, Plg72.0000", Azm59.0000"; P -5.2580, Plg16.0000", Azm21.0000"; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. NEIC 18 15:37:40.0, 4.0, 5.1, 75N-130.72W, h10km, mb4.6/150 Error ellipse: s-maj=5.4km s-min=2.1km az=48.0 ISC 18 15:37:40.8, 4.0, 5.1, 71N-130.05, 130.65W, 0.04, h10km, n307, s1959/297, mb4.7/99, MS4.4/13, Queen Charlotte Islands region

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

Table with columns: SAO, San Andreas Ge, 16.31 153 ePn, P, 15 41 31.7 -1.1. Lists seismic events with station names, magnitudes, and arrival times.

Table with columns: 319A Douglas, 25.68 134 eP, P, 15 43 13.5 +2.6. Lists seismic events with station names, magnitudes, and arrival times.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GRFO Grafenberg, BRVK Borovoye, BFO Black Forest, etc.

NIED 18 15:39:00, 36.20N, 140.10E, h65km, Mw4.0 Best double couple: Mo: 1.20000e+10, NP1: 253.00000e+0, lambda: 1.12.00000e+0, NP2: 0.50000e+0, delta: 0.00000e+0, lambda: 1.01.00000e+0.

ISCJB 18 15:39:47.9, 0.5, 36.11N, 0.04, 140.13E, h58km, 4km mb3.9/13, Error ellipse: s-maj=7.7km s-min=6.1km az=9.0 JMA 18 15:39:49.2, 0.1, 36.15N, 140.08E, h50km, 1km, M4.0

Broadband fault plane solution: P waves. NP1: 0.43.00000e+0, delta: 0.00000e+0, lambda: 1.01.00000e+0, NP2: 0.220.00000e+0, delta: 0.00000e+0, lambda: 1.01.00000e+0. Principal axes: T P162.00000e+0, Azm: 214.00000e+0, N P161.00000e+0, Azm: 222.00000e+0, P P163.00000e+0, Azm: 132.00000e+0.

JMA Felt III J1. IDC 18 15:39:49.7, 1.6, 36.06N, 140.09E, h62km, 15km mb3.7/13, mb1 3.9/16, mb1mx3.7/43, mbmp4.0/16, MS2.8/2, Ms1 2.8/2, ms1mx2.6/38 Error ellipse: s-maj=17.2km s-min=8.1km az=64.0

ISC 18 15:39:49.2, 0.8, 36.12N, 0.05, 140.11E, h54km, 7km, n27, a1513/36, mb4.0/13, 1C-4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JYT Yasato, JYT JYT, JAG Ashikaga, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PDAR Pinedale Array, GERES GERES Array B, TXAR Lajitas Array, etc.

SOME 18 15:45:51.8, 42.959N, 77.30E, h5km, Lake Issyk-Kul region

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

NIED 18 15:47:00, 36.90N, 143.70E, h5km, Mw3.8 Best double couple: Mo: 4.79000e+10, NP1: 19.00000e+0, delta: 0.00000e+0, lambda: 1.01.00000e+0.

IDC 18 15:47:26.1, 0.9, 36.75N, 144.03E, h0km, mb3.9/10, mb1 4.1/13, mb1mx3.9/53, mbmp4.0/13, ML3.9/3, Error ellipse: s-maj=30.2km s-min=17.7km az=89.0

NEIC 18 15:47:27.0, 0.3, 36.77N, 144.06E, h10km, mb4.8/8, Error ellipse: s-maj=8.6km s-min=5.7km az=97.0

JMA 18 15:47:31.2, 0.2, 36.90N, 143.73E, h72km, M4.2, ISC 18 15:47:30.8, 2.3, 36.86N, 143.94E, h32km, 17km, n66, a1546/73, mb4.2/17, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JFK Kawachi, ONAJ Iwakimizuishiy, JIO Ouri, etc.

ASAJ Asahikawa 7.31 353 Pn Pn 15 49 14.8 -1.2

H1N2 WAKE ISLAND Hy 26.42 124 T T 16 19 56.5

H1N1 WAKE ISLAND Hy 26.42 124 T T 16 20 00.3

H1N3 WAKE ISLAND Hy 26.43 124 T T 16 19 58.2

H1S1 WAKE ISLAND Hy 27.16 126 T T 16 20 53.8

H1S3 WAKE ISLAND Hy 27.16 126 T T 16 20 58.5

H1S2 WAKE ISLAND Hy 27.18 126 T T 16 21 02.3

CMAR Chiang Mai Arr 43.34 257 P P 15 55 31.3 +1.1

ZAAO Zalesovo Array 43.47 313 P P 15 55 30.6 -1.1

STKA Stephens Creek 68.41 182 P P 15 58 29.1 -0.1

FIAO FINESS Array S 69.86 333 P P 15 58 39.3 +1.3

NB2 NORSAR Subarra 75.09 338 P P 15 59 09.9 +0.7

AKASA Malin Array Be 75.61 323 P P 15 59 13.4 +1.1

B1R101 Keskin Array B 80.41 313 P P 15 59 40.8 +1.4

PGC 18 15:50:46.0, 10.0, 51.34N, 131.08W, h10km, MLN3.6/12, Mw4.0/12, 218km Sze of Sandspit, Bc Haida Gwaii

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BBB Bella Bella, DIB Dawson Inlet, DIB Van Inlet, etc.

KRNET 18 15:53:49.0, 0.1, 40.31N, 72.34E, mb2.2, 2C-8D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BTK Batken, ARK Arkit, AML Almayasu, etc.

ISCJB 18 15:54:42.4, 0.6, 38.96N, 0.04, 30.39E, h10km, Error ellipse: s-maj=6.8km s-min=4.9km az=33.8

ISK 18 15:54:42.1, 38.95N, 30.36E, h10km, MD2.6 CSEM 18 15:54:42.5, 0.2, 38.95N, 30.37E, h8km, MD2.6, Error ellipse: s-maj=5.0km s-min=4.1km az=177.0

DDA 18 15:54:46.6, 38.61N, 27.38E, h9km, MD2.5, ISC 18 15:54:42.6, 1.0, 38.95N, 0.04, 30.36E, 0.03, h10km, n16, c044/22, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SHUT Suhut-Afyon, SHUT Suhut-Afyon, SHUT Suhut-Afyon, etc.

SJA 18 16:00:13.4, 1.1, 34.23S, 72.75W, h48km, ML3.4, MW3.5 GUC 18 16:00:18.6, 0.7, 33.93S, 72.18W, h15km, 4km, ML3.4

ISC 18 16:00:18.2, 0.2, 33.95S, 0.06, 72.2W, n10, h13km, n13km, n16, c298/25, 1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CHPI Pichilemu, CHPI Los Niches, ANTU Antumapu, etc.

PGC 18 16:02:53.3, 3.5, 51.42N, 131.04W, h10km, MLN3.6/14, Mw4.1/14, 210km Sze of Sandspit, Bc Haida Gwaii

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BNB Barry Inlet, BBB Bella Bella, BBB Bella Bella, etc.

DDA 18 16:09:29.7, 42.43N, 43.05E, h35km, MD3.2 TIF 18 16:09:29.1, 42.57N, 43.02E, h14km CSEM 18 16:09:30.1, 0.4, 42.55N, 43.00E, h2km, ML3.1, Error ellipse: s-maj=8.0km s-min=6.2km az=10.0

ISC 18 16:09:29.9:1.1, 42.54N, 0.03:43.01E:0.02, h7km=10km, n25, c0548/50, Western Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ONI, CHVG, EPOS, GUDG, AKH, BGD, TBGL, SEAG, DBOC, ARTV, DAGI, EAK, DGRG, DIGO, etc.

ISC/JB 18 16:10:24.6:0.8, 31.21S:0.05:68.38W:0.09, h11km=8km, Error ellipse: s-maj=14.2km s-min=5.9km az=32.5

SJA 18 16:10:25.6:1.0, 31.23S:68.34W, h108km=5km, ML3.4, MW3.6

GUC 18 16:10:25.4:0.6, 31.12S:68.69W, h150km=47km, ML3.8

ISC 18 16:10:25.6:1.4, 31.25S:0.04:68.31W, 0.05, h105km=10km, n19, c0585/30, 1D, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like AMOG, SJA, RTCV, RTLS, AUSP, ASAL, ARCO, AGUA, AAGR, MRA, VCA, FCH, PEL, CLCH, ANTU, RCDM, TCA, CYA, FSA, etc.

ISC/JB 18 16:20:53.0:0.2, 43.21N:0.02:0.42W:0.02, h12km=2km, Error ellipse: s-maj=3.2km s-min=2.2km az=145.5

CSEM 18 16:20:54.6:0.1, 43.15N:0.44W, h5km, ML2.7/19, Error ellipse: s-maj=2.1km s-min=1.5km az=151.0

STR 18 16:20:54.8:0.2, 43.03N:0.48W, h5km, ML2.6, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

LDG 18 16:20:55.7:0.1, 43.12N:0.16W, h2km, Md2.8/3, ML2.8/18, Error ellipse: s-maj=1.1km s-min=0.8km az=151.0

MDD 18 16:20:55.9:0.3, 43.13N:0.47W, h1km=5km, mblg2.2/36, Error ellipse: s-maj=2.7km s-min=1.9km az=175.0, PRXIMO

ISC 18 16:20:55.0:0.8, 43.16N:0.02:0.46W:0.01, h9km=5km, n121, c1518/164, 1C-4D, Pyrenees

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

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

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ESAC, CLLI, EMIR, MTLF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GUD, VIVF, BGF, AVF, etc.

CSEM 18 16:21:45.7, 45.09N, 6.09E, h2km, ML1.8/5
LDG 18 16:21:45.7, 45.09N, 6.09E, h2km, Md1.9/3, MI1.8/5,
Error ellipse: s-maj=3.4km s-min=2.9km az=143.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ORIF, MBDF, LPG, LPL, VIVF, SMRF, SBF, LMR, etc.

MEX 18 16:24:24.1, 0.7, 16.78N x 100.25W, h3km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CAIG, AC2P, ACX, AICG, ARIG, PLUG, TLIG, etc.

NIED 18 16:39:00, 44.00N, 146.20E, h116km, Mw4.5 Best double couple: Ms: 75000, 1015 NP1.5: 242.00000, 38.00000, -58.00000, NP2.5: 30.00000, 884.00000, -1.94.00000

MOS 18 16:39:40.5, 1.1, 44.15N, 146.00E, h121km, mb4.6/46, Error ellipse: s-maj=6.5km s-min=4.7km az=97.5

MOS Felt (I-II) at Yuzhno-Kuril'sk

IDC 18 16:39:40.3, 2.44, 26N, 146.00E, h102km, 19km, mb4.2/28, mb1.4/3.3, mb1.1mx4.1/4.7, mbmp4.5/3.3, MS3.3/5, Ms1.3/3.5, ms1mx2.8/4.7, Error ellipse: s-maj=13.5km s-min=10.9km az=124.0

BUI 18 16:39:40.7, 44.20N, 146.07E, h128km, mb4.8/60, mb4.8/32

ISCJB 18 16:39:40.9, 0.2, 44.11N, 0.03, 146.05E, 0.03, h125km, 1km, mb4.6/146, Error ellipse: s-maj=4.8km s-min=2.7km az=155.4

NEIC 18 16:39:41.8, 0.1, 44.18N, 145.97E, mb4.7/98, Error ellipse: s-maj=5.1km s-min=2.6km az=150.0

NEIC Recorded [2 JMA] in eastern Hokkaido

SKHL 18 16:39:41.8, 0.6, 44.02N, 146.14E, h120km, 2km, mb6.0/3, msh6.6/3

SKHL Felt (I-II) at Yuzhno-Kuril'sk

JMA 18 16:39:42.0, 0.2, 44.02N, 146.16E, h115km, 2km, M4.2

JMA Felt II J1

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like YUK, SHO, SHO, JAR, JAR, JAR, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KSAR, MA2, INCH, JNU, JNU, SNY, SNY, CBIJ, HIA, HIA, DL2, DL2, YAK, YAK, YAK, YAK, etc.

Table with columns: TUC, Tucson, 76.70 58 eP, P, 16 51 17.5 -2.2. Includes stations like Piszkésteto, Keskin Array S, and various meteorological data.

Table with columns: JOU, Okura, 1.49 258 P, S, P, 16 46 04.7 -0.2. Includes stations like Marumori, Rokugo, Kaneyama, and various meteorological data.

Table with columns: BDI, Bagini Di Lucca, 0.83 260 Pg, P, 17 05 09.6 -0.1. Includes stations like Monte Cedrone, Pieia, Poggio Castell, and various meteorological data.

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Time, Res. Includes stations like Oaxaca, Huatulco, Vista Hermosa, and various meteorological data.

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Time, Res. Includes stations like IMOL, IMOLA, Vicchio, and various meteorological data.

Table with columns: Code, Station Name, Δ°, AZ°, Phase, ID, Time, Res. Includes stations like ONI, Ch'k'valeri, Posof, and various meteorological data.

MEX 18:16:43:54.0, 4, 16:06'N:96:52'W, h48km±10km, MD3.7, ...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GVD, VAM, IMMV, ANKY, LAST, KYTH, VAE, BRTR, MMAI, MLR, VRAC, GERES, KHC, AKASG, NOA, TORD, ZALV.

JMA 18 17:10:04.0-0.2,36.31N-143.58E,h54km,M3.8, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JFK, ONAJ, JIO, JFT, JMK, JOM, JOM, JOM, JYK, JYK, JAG, JAG, JRY, JOT, JCH, NEM2, NEM2.

ISCJB 18 17:15:17.8-1.4,51.8N:0.1x130.5W:0.1,h10km,mb3.8/1, MS3.2/7, Error ellipse: s-maj=21.3km s-min=6.6km

ISC 18 17:15:19.2-2.1,51.90N:130.15W,h0km,mb3.9/1, mb1 3.9/4,mb1mx3.5/38,mbtmp3.7/4,ML3.7/3,MS3.1/10, Ms1 3.0/10,ms1mx2.8/45, Error ellipse: s-maj=30.5km s-min=14.6km az=43.0

ISC 18 17:15:17.7-1.8,51.77N:0.2x130.58W:0.09,h10km,n23, e178/9,MS3.2/7,Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBB, BBB, HBS2, HOS2, HOS2N1, DLBC, DLBC, NEW, YKA, ILAR, INK, PDAR, ULM, RES, TXAR, MA2, H11N2, H11N3, H11N1, H11S1, H11S2, H11S3, NOA, ZALV.

1.3nm,1.0s,baz=15,slow=6.0,SNR=3.6
AKASG Malin Array Be 76.53 13 LR
BRTR Keskin Array B 87.90 12 LR
SOME 18 17:23:51.8,4.1:65N-80.08E,h0km
NINC 18 17:23:52.7,5.6,4.1:60N-80.29E,h0km,mb3.1,mpv2.8
Error ellipse: s-maj=42.5km s-min=36.7km az=77.0
KRNCT 18 17:23:55.1,0.1,42.01N-80.56E,mb2.5
ISC 18 17:24:03.2-9,42:15N:0.08-80:28E:0.08,h17km,13km, n18,e27/34,15C-5D,Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHLS, SHLS, KTMS, KTMS, PDGK, PDGK, PDGK, PRZ, PRZ, KPKS, KPKS, ANVS, ANVS, KURS, KURS, KDJ, KDJ, MNBS, MNBS, ARXS, ARXS, CHXK, CHXK, CHKK, CHKK, ULHL, ULHL, ULHL, ULHL, KTBS, KTBS, TKM2, TKM2, TKM2, KZA, KZA, KZA, MK31, MK31.

ISCJB 18 17:32:25.2-0.6,32.24N:0.04:115.25W:0.06,h20km,8km, Error ellipse: s-maj=8.7km s-min=5.7km az=148.3

ECX 18 17:32:26.3-0.5,32.21N:115.26W,h6km,MD2.2,ML2.4 MEX 18 17:32:27.3-0.3,32.29N:115.16W,h15km,19km,MD3.5 ISC 18 17:32:24.8-1.1,32.25N:0.05-115.21W:0.06,h25km,9km, n13,e08/39,19,5C-1D,California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MBIG, MBIG, CPBX, CPBX, SGL, SGL, YMD, YMD, YUH, YUH, YCBX, YCBX, IKP, IKP, SPNG, SPNG, SPNG, SPNG, SPX, SPX, CPBX, CPBX, CPBX, CPBX, CDVI, CDVI, SDV, SDV.

TIF 18 17:34:24.1,42:55N:42:98E,h5km,1km CSEM 18 17:35:07.8,42:57N:42:97E,h7km,MD2.7 DDA 18 17:35:07.1,42:57N:42:97E,h7km,MD2.7 ISC 18 17:35:07.1,42:57N:42:96E:0.06,h11km,14km, n11,e08/37/22,Western Caucasus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ONI, ONI, EPOS, EPOS, EPOS, EPOS, DBOC, DBOC, ARTV, ARTV, ARTV, ARTV, DAGI, DAGI, EAK, EAK, EAK, EAK, DGRG, DGRG, DGRG, DGRG, ARTV, ARTV, ARTV, ARTV.

ellipse: s-maj=97.6km s-min=55.1km az=46.0, Halmahera

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

ISC 18 17:49:28.0-1.8,8:20S-158:93E,h0km,mb3.7/3, mb1 3.9/3,mb1mx3.5/27,mbtmp3.7/3, Error ellipse: s-maj=39.2km s-min=27.0km az=42.0, Bougainville-Solomon Islands region

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

NEIC 18 17:50:20.1,18:75N-68:81W,h117km,MD4.2(RSPR), After RSPR, RSPR 18 17:50:20.1,18:75N-68:81W,h117km,1km,MD4.2/10, 14C-23D, Mona Passage

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DR12, DR12, IMPR, IMPR, DR08, DR08, IDE, IDE, IDE, AGPR, AGPR, AGPR, MPR, MPR, MPR, LSP, LSP, LSP, CRPR, CRPR, CRPR, GBPR, GBPR, GBPR, AOPR, AOPR, AOPR, OBIP, OBIP, OBIP, OBIP, CELP, CELP, CELP, ICMP, ICMP, ICMP, SDDR, SDDR, SDDR, SJJ, SJJ, SJJ, CBYP, CBYP, CBYP, CBYV, CBYV, CBYV, CBYV, CULB, CULB, GRTK, GRTK, STVI, STVI, STVI, STVI, CDVI, CDVI, SDV, SDV.

TIF 18 18:00:00.3,42:56N-42:97E,h6km,2km, Western Caucasus region

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

TIF 18 18:16:11.1,42:52N-42:93E,h10km,1km CSEM 18 18:16:11.5,0.3,42:53N:42:96E,h2km,ML2.9, Error ellipse: s-maj=6.6km s-min=5.1km az=6.0 ISC 18 18:16:11.4,42:52N:0.03-42:96E:0.02,h2km,11km, n25,e08/88/50,Western Caucasus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ONI, ONI, ONI, ONI, CHVG, CHVG, CHVG, EPOS, EPOS, EPOS, EPOS, GUDG, GUDG, AKH, AKH, AKH, AKH, BGD, BGD, BGD, BGD, DUS, DUS, DUS, DUS, DBOC, DBOC, DBOC, DBOC, ARTV, ARTV, ARTV, ARTV.

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

WEL 18 18:42:36.1±0.5, 43.053°S, 178.33E, h33km, ML3.7/8, 2C-3D, Error ellipse: s-maj=4.7km s-min=2.9km az=90.0, Off east coast of South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like PLWZ, MSWZ, MTW, etc.

SKHL 18 18:43:29.8±0.1, 44.98N, 151.10E, h65km, mb4.4/3, JMA 18 18:43:30.2±0.8, 45.33N, 150.96E, h30km, M4.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KUR, SHO, YUK, etc.

NIED 18 18:46:00, 38.40N, 142.30E, h20km, Mw3.5 Best double couple: M1: 770000, 1014, N1: 185.00000, 355.00000, 1-44.00000, N2: 304.00000, 355.00000, 1-136.00000

IDC 18 18:46:36.7±10.0, 39.13N, 142.77E, h0km, mb3.6/2, mb1 3.7/3, mb1mx3.4/37, mbtmp3.5/3, ML2.3/1, Error ellipse: s-maj=233.6km s-min=63.4km az=176.0

JMA 18 18:46:46.2±0.1, 38.44N, 142.23E, h34km, 2km, M3.9 JMA Felt J1

ISC 18 18:46:44.7±2.1, 38.40N, 0.05, 142.24E, 0.09, h14km, 10km, n20, c1922/23, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JIO, OFUJ, JMK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JFK, YJK, JRG, etc.

WEL 18 18:53:17.2±0.3, 38.53S, 175.97E, h152km, 2km, ML3.6/38, 20C-8D, Error ellipse: s-maj=1.3km s-min=1.1km az=90.0, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like ALRZ, MRHZ, MRWZ, etc.

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

SJA 18 18:53:42.2±0.9, 29.40S, 172.16W, h45km, ML2.7, Mw2.9 GUC 18 18:53:42.1±0.5, 29.85S, 171.36W, h22km, 6km, ML3.0, ISC 18 18:53:50.3±2.2, 29.82S, 170.04W, 1.46W, 0.09, h8km, 12km, n12, c259/24, 2C, Near coast of central Chile

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

WEL 18 18:54:14.4±0.2, 38.37S, 177.32E, h19km, 2km, ML2.7/9, Error ellipse: s-maj=1.4km s-min=1.0km az=90.0, North Island

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

IDC 18 19:05:59.1±1.9, 14.27S, 166.37E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.5/33, mbtmp3.7/4, ML2.8/1, MS2.7/1, Ms1 2.7/1, ms1mx2.4/31, Error ellipse: s-maj=62.9km s-min=32.6km az=120.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like DZM, HNR, STKA, etc.

NIED 18 19:18:00, 36.70N, 141.20E, h41km, Mw3.6 Best double couple: M2: 640000, 1014, N1: 273.00000, 818.00000, 1.9.00000, N2: 174.00000, 877.00000, 1.08.00000

IDC 18 19:18:20.0±2.0, 36.55N, 141.54E, h0km, mb3.5/4, mb1 3.6/6, mb1mx3.5/34, mbtmp3.6/6, ML3.5/2, MS2.4/3, Ms1 2.4/3, ms1mx2.3/29, Error ellipse: s-maj=47.8km s-min=21.6km az=70.0

ISCJTB 18 19:18:24.9±0.9, 36.61N, 0.04, 141.20E, 0.08, h43km, 9km, mb3.4/4, MS2.3/1, Error ellipse: s-maj=11.6km s-min=5.9km az=14.2

JMA 18 19:18:26.0±0.1, 36.66N, 141.09E, h45km, 1km, M3.7 JMA Felt J1

ISC 18 19:18:24.1±1.8, 36.62N, 0.04, 141.26E, 0.08, h23km, 13km, n21, c1922/22, mb3.5/4, Near east coast of eastern Honshu

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

Table with columns: PDGK, Karatobe, UZB, SATY, KURS, MNBS, KOTS, MDOK, TNSS, KTBS, KUU, TKM2, DGS, MAZK, MAZK, MK31, MK31. Includes station names, coordinates, and times.

ISK 18 22:22:33.0, 38'42N:39'02E, h10km, MD2.6
CSEM 18 22:22:34.2, 0.2, 38'40N:39'05E, h5km, MD2.7, Error
ellipse: s-maj=5.5km s-min=5.1km az=64.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ELZG, PERTK, TUNCEL, AKCD, KEMA, URFA, DYBB, DIVA, BINT, DARE, BNGB, CUKAN, SURC, MARD.

MEX 18 23:01:23.5, 0.3, 17'02N:100'64W, h16km, 4km, MD3.8, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAIG, ACAP, ACX, ZIIG, ARIG, PLIG, TLIG, PNIG.

IDC 18 23:28:05.4, 4.0, 5'68S:149'92E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.4/19, mbtmp3.4/3, Error ellipse: s-maj=130.0km s-min=30.3km az=106.0, New Britain region

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

LJU 18 23:31:02.0, 46'39N:15'07E, h0km, Rockburst
CSEM 18 23:31:02.0, 99.0, 46'39N:15'07E, h0km, Mining explosion., Northwestern Balkan Peninsula

GUC 18 23:44:53.3, 0.7, 35'60S:72'63W, h27km, 18km, ML3.7, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TALC, NICH, CHPI, ANTU, Cerro Calan, PEL, FCH.

IDC 18 23:46:44.3, 1.8, 2'86S:128'64E, h0km, mb3.5/2, mb1 3.8/4, mb1mx3.6/27, mbtmp3.7/4, ML3.6/2, MS3.2/2, Ms1 3.2/2, ms1mx2.6/29, Error ellipse: s-maj=41.3km s-min=25.0km az=96.0, Ceram Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SUJI, FITZ, WRA, PMG, ASAR, SONMI.

ISCJB 18 23:46:53.7, 0.7, 6'84N:0'04W:73'08W, h159km, 7km, Error ellipse: s-maj=10.6km s-min=4.5km az=32.0
FUNUV 18 23:46:53.3, 6'73N:73'12W, h183km, MW2.6
RSNC 18 23:46:56.1, 0.8, 6'80N:73'10W, h146km, 5km, ML2.8
ISC 18 23:46:53.3, 1.4, 6'82N:0'05W:73'04W, h165km, 9km, n16, c1946/29, 1C-1D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BARC, BRRC, RUSC, CAPV, OCAC.

ISCJB 18 23:59:09.3, 26.0, 18'82S:173'65W, h0km, mb4.3/4, mb1 4.4/4, mb1mx3.8/35, mbtmp4.3/4, Error ellipse: s-maj=481.2km s-min=156.5km az=73.0
NEIC 18 23:59:10.5, 0.5, 18'87S:173'59W, h10km, mb4.5/8, Error ellipse: s-maj=14.0km s-min=9.9km az=123.0
ISCJB 18 23:59:11.5, 0.8, 18'95S:1'17W:6'01E, h28km, mb4.4/11, Error ellipse: s-maj=21.3km s-min=14.9km az=31.2
ISC 18 23:59:13.2, 0.9, 18'95S:0'1x173'6W, h2, h28km, n14, c1046/14, mb4.5/11, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO, HNR, EIDS, CTAS, CTAO, STKA, MIDW, ASAR, WRAB, WRA, PMSA, PMR, RSSD, CHTO.

JMA 19 00:06:59.1, 0.4, 36'79N:143'58E, h48km, M3.7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JFK, ONAJ, ONAJ, JMM, JFT, JOM, JOM, JAG, JRY, JRY, JOD2, MJAR.

JMA 19 00:34:52.7, 0.2, 36'70N:143'76E, h43km, mb3.8/6, mb1 4.0/9, mb1mx3.8/41, mbtmp3.9/9, ML3.9/3, MS3.3/2, Ms1 3.3/2, ms1mx2.6/33, Error ellipse: s-maj=33.0km s-min=19.8km az=108.0
ISCJB 19 00:34:56.3, 0.6, 36'83N:0'05:143'78E:0'05, h33km, mb3.9/10, MS3.7/1, Error ellipse: s-maj=6.8km s-min=5.2km az=173.4
JMA 19 00:34:57.4, 0.2, 36'94N:143'76E, h43km, MB4.2
NEIC 19 00:34:58.0, 0.3, 36'79N:143'89E, h33km, mb4.1/3, Error ellipse: s-maj=13.5km s-min=10.3km az=127.0
ISC 19 00:34:58.2, 0.9, 36'85N:0'06:143'78E:0'08, h35km, n36, c1945/38, mb3.9/10, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JFK, ONAJ, ONAJ, JMM, JFT, JOM, JOM, JAG, JRY, JRY, JOD2, MJAR, MAJO, MAT, JHJ, JHJ, ERH, JRM, ASAJ, ASAJ, KLR.

JRY Ryogami san 3.85 260 P Pn 00 07 56.5 +0.6
JANG Nango 3.93 336 S Pn 00 08 40.7 -0.9
JCH Churui 5.82 358 P Sn 00 08 21.9 -0.9
JCH 5.82 358 eS Sn 00 09 24.6 -3.6

ISCJB 19 00:16:31.0, 0.6, 38'24N:0'03:42'E:50'E:0'03, h5km, 5km, Error ellipse: s-maj=4.6km s-min=4.2km az=41.3
DDA 19 00:16:30.3, 38'29N:42'48E, h7km, MD2.6
ISK 19 00:16:30.7, 38'24N:42'52E, h5km, MD2.8
CSEM 19 00:16:31.0, 0.2, 38'25N:42'51E, h5km, MD2.6, Error ellipse: s-maj=4.2km s-min=3.9km az=154.0
ISC 19 00:16:30.8, 1.1, 38'25N:0'02:42'49E:0'03, h7km, 10km, n31, c059/48, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TATV, GEVAS, SIRNAK, SVAN, BTM, EKAR, HAKKARI, AGRB, CLDR, MARD, MAZI, DIYA, YEDY.

TIF 19 00:21:02.5, 42'57N:42'97E, h6km, 2km, Western Caucasus

IDC 19 00:21:53.2, 4.1, 5'58S:151'16E, h0km, mb3.2/2, mb1 3.5/2, mb1mx3.1/18, mbtmp3.3/2, Error ellipse: s-maj=173.4km s-min=51.4km az=118.0, New Britain region

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

MAN 19 00:28:54.8, 40N:122'92E, h1km, mb4.1, ML2.9, MS2.6, 3C, Mindanao

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

NIED 19 00:34:00.36, 90N:143'80E, h5km, Mw3.8, Best double couple: M6.47000, 1014, NP130, 00000, 824.00000, lambda=102.00000, NP2=23.00000, 866.00000, lambda=85.00000
ISC 19 00:34:52.7, 0.2, 36'70N:143'76E, h43km, mb3.8/6, mb1 4.0/9, mb1mx3.8/41, mbtmp3.9/9, ML3.9/3, MS3.3/2, Ms1 3.3/2, ms1mx2.6/33, Error ellipse: s-maj=33.0km s-min=19.8km az=108.0
ISCJB 19 00:34:56.3, 0.6, 36'83N:0'05:143'78E:0'05, h33km, mb3.9/10, MS3.7/1, Error ellipse: s-maj=6.8km s-min=5.2km az=173.4
JMA 19 00:34:57.4, 0.2, 36'94N:143'76E, h43km, MB4.2
NEIC 19 00:34:58.0, 0.3, 36'79N:143'89E, h33km, mb4.1/3, Error ellipse: s-maj=13.5km s-min=10.3km az=127.0
ISC 19 00:34:58.2, 0.9, 36'85N:0'06:143'78E:0'08, h35km, n36, c1945/38, mb3.9/10, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JFK, ONAJ, ONAJ, JMM, JFT, JOM, JOM, JAG, JRY, JRY, JOD2, MJAR, MAJO, MAT, JHJ, JHJ, ERH, JRM, ASAJ, ASAJ, KLR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H1121 WAKE ISLAND, H1111 WAKE ISLAND, H1113 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JKB Kayabe, JKB Churui, JCH Ryogami san, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSH comp=Z,46nm,5.5s, KSH comp=N,95nm,7.2s, etc.

PRU 19:00:38:52.6, 49.91N:18.48E, h0km, 1D, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, VYHS Vyhne, DPC Dobruska-Polom, etc.

ISCJB 19:00:39:35.4, 0.49:84N:0.03:18.44E:0.03, h0km, Error ellipse: s-maj=5.0km s-min=2.5km az=11.8

IPEC 19:00:39:36.4, 0.49:82N:18.54E, h0km, ML1.5/3, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

CSEM 19:00:39:36.0, 0.49:83N:18.46E, h1km, ML2.6, Error ellipse: s-maj=8.0km s-min=3.2km az=177.0

ISC 19:00:39:35.0, 0.49:83N:18.49E:0.02, h0km, n27, +081/44, 4D, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, MORC Moravsky Berou, OJC Ojcow, etc.

PRU 19:00:38:52.6, 49.91N:18.48E, h0km, 1D, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JKB Kayabe, JKB Churui, JCH Ryogami san, etc.

CSEM 19:00:43:13.9, 0.1, 38.82N:31.81E, h5km, MD2.8, Error ellipse: s-maj=2.9km s-min=2.3km az=30.0

DDA 19:00:43:13.7, 38.83N:31.80E, h7km, MD2.7, Error ellipse: s-maj=2.3km s-min=2.3km az=30.0

ISC 19:00:43:14.2, 0.9, 38.82N:0.02:31.81E:0.02, h6km, n7km, n52, +059/70, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIZT Kizilcal, KIZT Kizilcal, KDNH Kadinhani, etc.

NIED 19:00:42:00, 37.80N:144.40E, h5km, Mw4.1 Best double couple: M0:1.85000x1015 N1:3.20000x0.813, 0.00000, 1.86, 0.00000, N2:3.178, 0.00000, 3.77, 0.00000, 1.81, 0.00000

IDC 19:00:42:16.4, 0.7, 37.69N:144.66E, h0km, mb4.0/1.3, mb1.4/2.0, mb1mx4.1/4.1, mbtmp4.1/2.0, ML3.6/4, MS3.0/6, Ms1.3/1.6, ms1mx2.8/3.1, Error ellipse: s-maj=19.3km s-min=15.3km az=135.0

NEIC 19:00:42:18.0, 3.5, 37.68N:144.61E, h7km, mb4.6/1.1, Error ellipse: s-maj=12.1km s-min=6.5km az=135.0

JMA 19:00:42:20.2, 0.2, 37.83N:144.35E, h43km, M4.2, Error ellipse: s-maj=12.1km s-min=6.5km az=135.0

ISC 19:00:42:18.2, 2.2, 37.86N:0.05:144.48E:0.06, h4km, ms1.4km, n83, +239/104, mb4.5/2.9, MS3.1/4, Off east coast of Honshu

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

ZAAO 19:00:42:16, 19.55 S, ZALV Zalesovo Bay, 43.17 312 E, 43.17 312 P

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZAAO Zalesovo Bay, ZALV Zalesovo Bay, ZALV Zalesovo Bay, etc.

TIF 19:00:52:26.8, 42.63N:42.98E, h18km, 3km CSEM 19:00:52:27.8, 0.2, 42.54N:42.99E, h2km, MD3.0, Error ellipse: s-maj=4.1km s-min=3.1km az=11.0

ISC 19:00:52:28.0, 1.1, 42.53N:0.04:42.99E:0.03, h6km, n10km, n21, +045/40, Western Caucasus

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

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

TIF 19 01:50:24.6, 42.53N-42.96E, h9km, 2km
CSEM 19 01:50:25.6, 0.3, 42.52N-42.97E, h2km, MD3.1, Error
ellipse: s-maj=6.1km s-min=4.8km az=6.0

ISC 19 01:50:25.1, 1.1, 42.52N-0.03, 42.95E, 0.02, h6km, 10km, n23, c057/45, Western Caucasus

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

ISC 19 01:52:06.4, 0.8, 29.50N-81.54E, h0km, mb3.7/4, mb1 3.9/16, mb1mx3.7/51, mb1mp3.7/16, ML4.1/2, Error
ellipse: s-maj=22.2km s-min=15.3km az=42.0

NDI 19 01:52:08.9, 3.2, 29.58N-81.58E, h10km, ML3.9, mb4.0/(NEIC)

NEIC 19 01:52:08.0, 0.6, 29.55N-81.53E, h10km, mb4.0/1, Error
ellipse: s-maj=13.7km s-min=8.6km az=216.0

ISCJB 19 01:52:09.4, 0.3, 29.05N-0.03, 81.47E, 0.03, h27km, mb3.7/16, Error ellipse: s-maj=5.4km s-min=2.8km az=27.5

DMN 19 01:52:09.8, 0.2, 29.70N-81.34E, h10km, M5.0/8, Error
ellipse: s-maj=7.6km s-min=4.1km az=30.0

ISC 19 01:52:10.6, 0.5, 29.61N-0.05, 81.48E, 0.03, h27km, n44, c172/61, mb3.6/16, 1C, Nepal

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

Table with columns: PKI, Station Name, Az, Phase ID, Time, Res. Includes stations like Pulchoki, Sohna, Gumba, etc.

ISCJB 19 01:52:28.0, 1.1, 21.7N, 0.2, 143.6E, 0.3, h200km, mb3.7/10, Error ellipse: s-maj=38.9km s-min=20.1km az=169.3

ISC 19 01:52:30.7, 5.9, 21.66N, 143.51E, h210km, 5.3km, mb3.5/11, mb1 3.6/11, mb1mx3.3/47, mb1mp4.1/11, Error
ellipse: s-maj=34.8km s-min=17.4km az=74.0

ISC 19 01:52:29.4, 1.0, 21.7N, 0.2, 143.6E, 0.3, h200km, n13, mb3.7/10, Error ellipse: s-maj=38.9km s-min=20.1km az=169.3

ISC 19 01:52:29.4, 1.0, 21.7N, 0.2, 143.6E, 0.3, h200km, n13, mb3.7/10, Error ellipse: s-maj=38.9km s-min=20.1km az=169.3

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

ISC 19 02:05:04.8, 39.11N-29.06E, h5km, ML3.4
DDA 19 02:05:04.7, 39.11N-29.06E, h7km, ML3.9
IASPE 19 02:05:05.3, 0.9, 39.12N, 0.03, 29.05E, 0.02, h6km, 6km, Error ellipse: s-maj=3.9km s-min=3.0km az=163.9, GT5 selection from ISC bulletin GT5 identified by Bond J and McLaughlin (2009) selection criteria Bond J and McLaughlin, A new ground truth data set for seismic studies, <Seism. Res. Let.>, 80, 465-472, 2009

THE 19 02:05:05.6, 39.11N-29.04E, h1km, 2km, ML3.3/4, Error
ellipse: s-maj=3.8km s-min=1.3km az=102.0

CSEM 19 02:05:05.0, 3.1, 39.13N-29.04E, h2km, ML3.4, Error
ellipse: s-maj=2.0km s-min=1.9km az=117.0

ISCJB 19 02:05:05.1, 0.4, 39.14N, 0.02, 29.00E, 0.02, h5km, 3km, Error ellipse: s-maj=2.8km s-min=2.4km az=152.1

ISC 19 02:05:05.3, 0.8, 39.12N, 0.01, 29.05E, 0.01, h6km, 6km, n220, c085/279, 10C-SD, Turkey

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

Table with columns: AKS, Station Name, Az, Phase ID, Time, Res. Includes stations like Akhisar, Balikesir, Bursa, etc.

ISCJB 19 01:52:28.0, 1.1, 21.7N, 0.2, 143.6E, 0.3, h200km, mb3.7/10, Error ellipse: s-maj=38.9km s-min=20.1km az=169.3

ISC 19 01:52:30.7, 5.9, 21.66N, 143.51E, h210km, 5.3km, mb3.5/11, mb1 3.6/11, mb1mx3.3/47, mb1mp4.1/11, Error
ellipse: s-maj=34.8km s-min=17.4km az=74.0

ISC 19 01:52:29.4, 1.0, 21.7N, 0.2, 143.6E, 0.3, h200km, n13, mb3.7/10, Error ellipse: s-maj=38.9km s-min=20.1km az=169.3

ISC 19 01:52:29.4, 1.0, 21.7N, 0.2, 143.6E, 0.3, h200km, n13, mb3.7/10, Error ellipse: s-maj=38.9km s-min=20.1km az=169.3

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

ISC 19 02:05:04.8, 39.11N-29.06E, h5km, ML3.4
DDA 19 02:05:04.7, 39.11N-29.06E, h7km, ML3.9
IASPE 19 02:05:05.3, 0.9, 39.12N, 0.03, 29.05E, 0.02, h6km, 6km, Error ellipse: s-maj=3.9km s-min=3.0km az=163.9, GT5 selection from ISC bulletin GT5 identified by Bond J and McLaughlin (2009) selection criteria Bond J and McLaughlin, A new ground truth data set for seismic studies, <Seism. Res. Let.>, 80, 465-472, 2009

THE 19 02:05:05.6, 39.11N-29.04E, h1km, 2km, ML3.3/4, Error
ellipse: s-maj=3.8km s-min=1.3km az=102.0

CSEM 19 02:05:05.0, 3.1, 39.13N-29.04E, h2km, ML3.4, Error
ellipse: s-maj=2.0km s-min=1.9km az=117.0

ISCJB 19 02:05:05.1, 0.4, 39.14N, 0.02, 29.00E, 0.02, h5km, 3km, Error ellipse: s-maj=2.8km s-min=2.4km az=152.1

ISC 19 02:05:05.3, 0.8, 39.12N, 0.01, 29.05E, 0.01, h6km, 6km, n220, c085/279, 10C-SD, Turkey

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

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SVE Sverdlövs, KK31 Karatay Array, ARU Arti, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like STHS Stebnicka Huta, VOIR Keskin Array B, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DRO comp=N,13084µm,0.4s, AML AML, etc.

19d 3h

Table with columns: BRTR, FINESS, NOAS, GERES, TORD, comp, station name, time, res, etc.

KRNET 19 02:50:20.1±0.1, 39.92N;77.50E, mb4.7

Main table for station data with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, etc.

SJA 19 02:58:20.3±0.9, 30.77S;71.24W, h7km, ML3.1, MW3.2

Main table for station data (continued) with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, etc.

ISC/JB 19 03:02:55.4±0.8, 71.73S;0.07;167.4E±0.6, h10km

Main table for station data (continued) with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, etc.

ISC/JB 19 03:14:17.2±0.2, 42.58N;0.01;13.04E±0.02, h4km, 1km

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, etc.

2011 AUG

ellipse: s-maj=2.4km s-min=1.7km az=37.0
IASPEI 19 03:14:17.6±0.9, 42.59N;0.02;13.07E±0.02, h7km, 5km

CSEM 19 03:14:18.1±0.1, 42.59N;13.03E, h2km, ML3.7/20, Error

PDG 19 03:14:18.3±0.6, 42.60N;13.06E, h5km, ML3.4/12, Error

ISC 19 03:14:18.3±0.8, 42.60N;0.01;13.06E±0.02, h6km, 4km

Main table for station data (continued) with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, etc.

878

Main table for station data (continued) with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NKME, NKME Nkisic, NKY, NKY Nkisic, DRME, DRME Dracevica, Mon, etc.

ISCJB 19 03:33:37.4-0.3, 6.7:77N-0:02-20:32E, 0.06, h0km, Error ellipse: s-maj=3.7km s-min=3.0km az=39.8

IDC 19 03:33:38.7-1.1, 6.7:75N-20:44E, h0km, mb1 2.8/3, mb1mx2.8/45, mbtmp2.7/3, ML2.7/3, Error ellipse: s-maj=17.8km s-min=8.3km az=119.0

NAO 19 03:33:38.1-0.9, 6.7:82N-20:33E, ML2.2, CSEM 19 03:33:38.6-0.2, 6.7:81N-20:33E, h2km, ML2.3, Error ellipse: s-maj=4.2km s-min=3.5km az=149.0, Mining explosion.

HEL 19 03:33:38.6-0.1, 6.7:82N-20:20E, h0km, ML2.2, ML2.3(U/P), Explosion.

UPP 19 03:33:38.0-0.1, 6.7:82N-20:21E, h0km, ML2.3, Suspected explosion.

BER 19 03:33:40.6-3.8, 6.7:81N-20:37E, h0km, ML2.2, ML2.7(NAO), Suspected explosion.

ISC 19 03:33:38.1-0.7, 6.7:80N-0:02-20:25E, 0.02, h0km, m72, e=1527/108, Sweden.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MASU, MASU Masugnbyn, KIF, KIF Kilpisjarvi, HEF, HEF Hetta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HFS, HFS baz=15,slow=22, HFS Hagfors, etc.

Table with columns: QZ, Name, Time, Az, El, AzEl, P, S, M, Max, Min, AzEl, P, S, M, Max, Min. Includes stations like Nelson, Paea, Papeete, etc.

Table with columns: JAY, PTCN, GENI, BBOO, SMPI, WRB, WRAB, WRA, WRA, WRA, WRA, ASO1, AS31, ASAR, ASAR, ASAR, GUMO, KDU, MTN, MTN, SAUI, SAUI, WRKA, FAKI, FAKI, FORT, FORT, FORT, SJUI, SNI, SNI, FITZ, FITZ, MSAI, AAI, AAI, LBMI, KMBL, SOEI, SOEI, SOEI, SANI, BARI, MMRI, MMRI, MBWA, MBWA, MEEK, KDI, KMSI, KLBR, NWAO, NWAO, NWAO, NWAO, RKGY, LUWI, LUWI, BLDU, SBA, SBA, SBA, VNSA, VNSA, BSSI, MORV, MRSI, RPN, RPN, RPN, KAPI, SPSI, TTSI, PLAI, PLAI, JHJ, JHJ. Includes stations like Jayapura, Pitcairn, Genyem, etc.

Table with columns: GIRL, TWSI, DNP, IGBI, SRBI, MYLDM, MYLDM, JAGI, JAGI, JAGI, INU, ABJI, TSM, MJAR, MJAR, MAJO, MAJO, MAJO, MAJO, MAT, MAT, MJB, KMMI, BBKI, BLJI, GMJI, JOW, JOW, TGJ, SDKM, ERM, ERM, KUR, SMI, SMI, GRJI, NIKH, KKM, PWJI, JNU, JNU, NGJI, PCJI, UNV, ASAJ, ASAJ, WOJI, SKR, SKR, UGM, UGM, YOJ, YOJ, YOJ, PBKI, SMRI, SMRI, BTM, TWG, YULB, NACB, PET, PET, PET, PET, STKI, SBUM, SBUM, SBUM, SBUM, PEA0, PEA0, PEA0, PETK, PETK, TPUB, KPJI, TATO, YSS, YSS, YSS, YSS, SDPT, OSQA, SNCC, CISI, CISI, KSM, KSM, KSM, CHGN, SBCI, SAO, SAO. Includes stations like Giralda, Taliwang, Denpasar, etc.

19d 3h

Table with columns: FID, Port, Name, Time, Status, P, and Value. Includes entries like FID 80.80, Port Fidalgo, Name Cordova Ski Ar, etc.

2011 AUG

Table with columns: FID, Name, Time, Status, P, and Value. Includes entries like P17A Butcher Ranch, P17A Jordanelle, etc.

882

Table with columns: FID, Name, Time, Status, P, and Value. Includes entries like MOOW Moose Ponds, O20A White River Ci, etc.

K32A	Verdigre	93.13	46	P	P	04 06 55.3 -0.4
I31A	Royce, Wessing	93.21	45	P	P	04 06 55.7 -0.4
U37A	Salina	93.21	53	P	P	04 06 56.6 +0.3
341A	Kurthwood	93.22	58	P	P	04 06 57.6 +1.2
O34A	Beatrice	93.23	49	P	P	04 06 56.3 0.0
BOD	Bodaibo	93.23	330	eP	P	04 06 55.2 -0.6
BOD	comp=Z,23nm,1.8s			pmax	pmax	
Y39A	Lockesburg	93.25	56	P	P	04 06 57.0 +0.5
S36A	Lake Cedric, C	93.26	52	P	P	04 06 56.5 +0.1
W38A	Poteau	93.26	55	P	P	04 06 57.3 +0.8
140A	Cam and Jess,	93.28	57	P	P	04 06 58.1 +1.5
Q35A	Mercer Eighty,	93.29	51	P	P	04 06 57.0 +0.5
M33A	Taylor Creek F	93.32	48	P	P	04 06 56.8 +0.2
H31A	Wolsey	93.40	45	P	P	04 06 56.5 -0.4
X39A	Fourth Ranch	93.41	55	P	P	04 06 57.8 +0.6
J32A	Parkston	93.46	46	P	P	04 06 56.7 -0.5
L33A	Hoskins	93.46	47	P	P	04 06 57.2 -0.1
SONA1	Songino Array	93.50	319	eP	P	04 06 56.8 -0.7
SONA1	SONM	93.50	319	eP	P	04 08 31.4 +0.2
SONM	comp=Z,5.0nm,0.8s,baz=133,slow=3.3,SNR=18			pP	pP	04 06 57.0 -0.5
SONM	comp=Z,0.5nm,0.4s,baz=132,slow=2.1,SNR=1.7			pP	pP	04 08 25.4 -5.8
SONM	comp=Z,1.7nm,0.7s,baz=111,slow=8.1,SNR=3.8			pP	pP	04 10 47.9 -0.8
SONM	comp=Z,1.3nm,0.6s,baz=123,slow=1.2,SNR=3.1			pP	pP	04 10 40.6 -0.2
SONM	comp=Z,1.6nm,0.9s,baz=258,slow=2.4,SNR=4.1			pP	pP	04 12 12.3 -0.6
P35A	Duane Minner,	93.51	50	P	P	04 06 57.8 +0.2
R36A	Gordon, Harris	93.52	51	P	P	04 06 57.3 -0.3
N34A	Lincoln	93.58	49	P	P	04 06 57.9 0.0
T37A	Cheneyville 18	93.58	52	P	P	04 06 58.3 +0.3
V38A	Canehill	93.59	54	P	P	04 06 58.0 0.0
Z40A	Long Farm, Mag	93.60	57	P	P	04 06 59.1 +1.0
241A	Mo Tay, Golden	93.63	58	P	P	04 06 58.2 +0.2
M34A	Aspy Farms, F	93.73	48	P	P	04 06 59.7 +0.2
Q36A	Arnold Orove	93.75	51	P	P	04 06 59.0 +0.4
U38A	Gravette	93.78	53	P	P	04 06 58.8 -0.1
K33A	Hardington	93.79	47	P	P	04 06 58.7 -0.1
141A	Papa Simpson,	93.81	57	P	P	04 06 59.4 +0.3
MDND	Maddock	93.82	41	P	P	04 06 57.7 -1.1
MDND	Maddock	93.82	41	eP	P	04 06 59.0 +0.3
MDND	comp=Z,158nm,1.2s					
O35A	Humboldt	93.82	49	eP	P	04 08 34.0 +1.5
G31A	Conde	93.83	44	P	P	04 06 58.3 -0.6
MIAR	Mount Ida	93.84	55	P	P	04 06 59.7 +0.5
MIAR	Mount Ida	93.84	55	eP	P	04 06 59.5 +0.3
MIAR	comp=Z,30nm,0.8s			pmax	pmax	
MIAR	Mount Ida	93.84	55	eP	P	04 06 59.5 +0.3
S37A	Fort Scott	93.85	52	P	P	04 06 59.4 +0.3
W39A	Magazine	93.88	55	P	P	04 06 59.9 +0.6
342A	Flagon Creek P	93.92	59	P	P	04 07 01.0 +1.4
Y40A	Okolona	93.92	56	P	P	04 07 00.6 +1.1
I32A	Karley and N	93.93	45	P	P	04 06 58.7 -0.7
WLAR	White Oak Lake	93.96	56	eP	P	04 07 01.1 +1.4
WLAR	comp=Z,214nm,1.4s					
F31A	Hecla	94.01	43	eP	P	04 08 35.8 +2.4
R37A	Teagarden Farm	94.02	51	P	P	04 07 00.1 +0.2
L34A	Svendsen Farm,	94.03	48	P	P	04 06 58.6 -1.2
T38A	Diamond	94.03	53	P	P	04 07 00.3 +0.3
J33A	Davis	94.05	46	P	P	04 06 59.1 -0.8
HHAR	Hobbs	94.08	54	eP	P	04 07 00.7 +0.4
Z41A	Richland Creek	94.08	57	P	P	04 07 01.2 +1.0
H32A	Carlson Farm	94.11	45	P	P	04 06 59.3 -0.9
P36A	Good Intent, A	94.14	50	P	P	04 07 00.6 +0.2
V39A	Pettigrew	94.17	54	P	P	04 07 00.8 +0.1
443A	Delano Plantat	94.19	59	P	P	04 07 02.0 +1.2
N35A	Tabor	94.20	49	P	P	04 07 01.3 +0.6
242A	Grayson	94.26	58	P	P	04 07 02.3 +1.2
G32A	Webster	94.31	44	P	P	04 07 00.6 -0.5
M35A	Neola	94.35	48	P	P	04 07 01.1 -0.2
I33A	Coleman	94.39	45	P	P	04 07 01.2 -0.3
X40A	Basin Creek F,	94.41	55	P	P	04 07 02.1 +0.4
Y41A	Eaglette Beard	94.42	56	P	P	04 07 01.7 0.0
ECSD	EROS Data Cent	94.42	46	P	P	04 07 00.9 -0.7
ECSD	EROS Data Cent	94.42	46	eP	P	04 07 01.0 -0.6
W40A	Ferguson Farm,	94.43	55	P	P	04 07 02.6 +0.8
K34A	Le Mars	94.45	47	P	P	04 07 01.3 -0.5
U39A	Green Forest	94.46	54	P	P	04 07 01.7 -0.3
Q37A	Longview Farm,	94.47	51	P	P	04 07 01.6 -0.3
O36A	Bolckow	94.47	50	P	P	04 07 02.5 +0.6
343A	Vidalia	94.48	59	P	P	04 07 03.9 +1.8
E31A	Nome	94.48	43	P	P	04 07 00.6 -1.2
S38A	Stockton	94.50	52	P	P	04 07 02.4 +0.3
142A	Monroe	94.57	58	P	P	04 07 03.5 +1.1
H33A	Prehn Over Nor	94.64	45	P	P	04 07 01.9 -0.7
L35A	Bielow Farm, R	94.66	48	P	P	04 07 02.9 +0.1
X41A	Kaden, Bauxite	94.67	56	P	P	04 07 03.4 +0.5
R38A	Fenwick Farm,	94.67	52	P	P	04 07 02.3 -0.6
N36A	Muff Farm, Cla	94.68	49	P	P	04 07 03.6 +0.7

T39A	Clever	94.73	53	P	P	04 07 02.9 -0.2
J34A	George	94.73	46	P	P	04 07 02.3 -0.7
D31A	Mccormick, T	94.75	42	P	P	04 07 01.9 -1.1
243A	Waterproof	94.75	58	P	P	04 07 04.9 +1.5
P37A	Lathrop	94.76	50	P	P	04 07 03.2 0.0
F32A	Veblen	94.76	44	P	P	04 07 02.3 -0.8
Z42A	Norrel Spur, H	94.77	57	P	P	04 07 04.5 +1.1
V40A	Witts Springs	94.80	54	P	P	04 07 03.6 +0.1
645A	Chauvin	94.81	61	P	P	04 07 05.5 +1.8
UALR	University of	94.89	55	eP	P	04 07 05.3 +1.4
U40A	Yellville	94.94	54	P	P	04 07 04.5 +0.3
S39A	Bollivar	94.97	52	P	P	04 07 04.5 +0.3
X301	Greenbrier Sit	94.97	55	eP	P	04 07 05.1 +0.8
X301	comp=Z,40nm,0.9s					
C31A	Landman Farms,	94.99	42	eP	P	04 08 41.3 +3.2
M36A	Felix, Anita	94.99	48	P	P	04 07 04.2 0.0
G33A	Ortonville	95.00	44	P	P	04 07 03.9 -0.3
E32A	Braaten, Kindr	95.03	43	P	P	04 07 03.3 -1.0
444A	Pine Grove	95.03	60	P	P	04 07 06.1 +1.5
I34A	Hadley	95.03	46	P	P	04 07 04.4 0.0
143A	Socs Landing,	95.05	58	P	P	04 07 05.8 +1.2
Y42A	Garnett, Star	95.06	56	P	P	04 07 05.4 +0.7
K35A	Storm Lake	95.07	47	P	P	04 07 04.3 -0.3
W41B	Gary Marvitt, V	95.07	55	P	P	04 07 05.7 +1.0
WHAR	Wooly Hollow	95.07	55	eP	P	04 07 05.2 +0.4
WHAR	comp=Z,49nm,0.8s					
O37A	Wolven Farm, M	95.08	50	P	P	04 08 41.9 +3.3
CCAR	Cane Creek	95.09	56	eP	P	04 07 07.0 +2.1
Q38A	Cooper Store, C	95.11	51	P	P	04 07 04.7 -0.2
N37A	Lee Faris, Mou	95.21	49	P	P	04 07 05.3 +0.1
TIXI	Tiksi	95.23	345	eP	P	04 07 03.5 -1.1
TIXI	comp=Z,10nm,0.7s			pmax	pmax	
TIXI	Tiksi	95.23	345	eP	P	04 07 01.9 -2.6
D32A	Dotwood Acres,	95.24	42	P	P	04 07 03.8 -1.4
B31A	Greenbush Farm	95.25	41	P	P	04 07 04.2 -1.0
344A	Westbrook Farm	95.25	59	P	P	04 07 07.4 +1.7
L36A	Harm Buss Farm	95.28	48	P	P	04 07 05.4 -0.1
J35A	Milford	95.28	46	P	P	04 07 04.8 -0.7
H34A	Spellman Lake,	95.28	45	P	P	04 07 05.1 -0.4
V41A	5 Mile Ranch,	95.30	44	P	P	04 07 04.8 -0.8
F33A	Mountainview	95.32	54	P	P	04 07 06.1 +0.2
GTA	Gaotai	95.32	309	eP	P	04 07 06.5 +0.5
GTA	comp=Z,254			pP	pP	04 08 41.8 +2.0
GTA	comp=Z,254			sP	sP	04 09 23.4 +1.3
GTA	comp=Z,254			SKS	SKSac	04 17 02.6 +0.4
GTA	comp=Z,254			S	S	04 17 42.9 -3.0
GTA	comp=Z,254			sS	sS	04 20 34.8 +0.4
GTA	comp=Z,254			SS	SS	04 24 25.3 +0.5
GTA	comp=Z,11nm,0.9s			pmax	pmax	
Z43A	Armstrong Fami	95.32	57	P	P	04 07 07.1 +1.2
R39A	Chubby, Stover	95.36	52	P	P	04 07 05.9 -0.1
P38A	Dawn	95.37	50	P	P	04 07 05.6 -0.4
445A	Amite	95.38	60	P	P	04 07 08.0 +1.8
X42A	Stuttgart	95.39	56	P	P	04 07 06.7 +0.6
T40A	Mansfield	95.42	53	P	P	04 07 06.4 +0.1
244A	Avery, Jackson	95.45	58	P	P	04 07 07.3 +0.7
646A	Port Sulphur	95.49	61	P	P	04 07 09.3 +2.5
M37A	Trindle Farm,	95.51	49	P	P	04 07 06.7 +0.1
G34A	Benson	95.56	45	P	P	04 07 06.1 -0.6
O38A	Gal	95.56	50	P	P	04 07 07.1 +0.3
S40A	Lebanon	95.56	53	P	P	04 07 07.2 +0.2
LCO	Las Campanas	95.57	122	eP	P	04 07 08.7 +1.0
I35A	Creekview Farm	95.58	46	P	P	04 07 06.3 -0.6
K36A	Gilmore City	95.59	47	P	P	04 07 07.0 +0.1
Q39A	Willow Grove F	95.62	51	P	P	04 07 06.9 -0.2
VBMS	Vicksburg	95.64	58	P	P	04 07 08.7 +1.4
U41A	Viola	95.66	54	P	P	04 07 07.6 +0.2
W42A	Bald Knob	95.67	55	P	P	04 07 07.9 +0.4
E33A	Westby DABS, E	95.70	43	P	P	04 07 05.9 -1.4
C32A	Crookston	95.77	42	P	P	04 07 06.7 -0.9
Y43A	Malakia and Ka	95.77	56	P	P	04 07 09.3 +1.4
345A	Thompson Farm,	95.79	59	P	P	04 07 09.1 +1.1
144A	Alexander Plac	95.83	58	P	P	04 07 09.4 +1.2
J36A	Seneca 1, Swea	95.87	47	P	P	04 07 07.9 -0.3
P39B	Salisbury	95.91	51	P	P	04 07 08.1 -0.3
V42A	Cord	95.92	55	P	P	04 07 08.8 +0.2
N38A	Joos South For	95.93	49	P	P	04 07 07.9 -0.6
L37A	Phoenix Point	95.94	48	P	P	04 07 08.6 +0.1
R40A	Maddies Statio	95.94	52	P	P	04 07 08.1 -0.5
H35A	Sunrise Ranc	95.94	45	P	P	04 07 07.8 -0.6
B32A	Ashes, Strandq	95.94	41	P	P	04 07 07.2 -1.1
X43A	Marvell	95.97	56	P	P	04 07 09.5 +0.7
T41A	Mountain View	95.97	53	P	P	04 07 08.9 +0.1
F34A	Alexandria	95.98	44	P	P	04 07 07.9 -0.7
Z44A	Pea Ridge, Bel	95.99	57	P	P	04 07 09.7 +0.8
D33A	AnnSam, Waubun	96.00	43	P	P	04 07 07.9 -0.8
245A	Little AP, Sla	96.09	59	P	P	04 07 11.0 +1.6
A32A	Rocking H Ranc	96.13	41	P	P	04 07 08.3 -0.9

M38A	Pleasantville	96.13	49	P	P	04 07 09.2 -0.2
S41A	Jillo Farms,	96.14	53	P	P	04 07 09.2 -0.3
U42A	Reverend	96.19	54	P	P	04 07 09.6 -0.2
446A	Poplarville	96.20	60	P	P	04 07 10.9 +0.9
K37A	Belmond	96.20	47	P	P	04 07 09.4 -0.3
145A	Houston Renfro	96.22	58	P	P	04 07 10.6 +0.6
C33A	Trail	96.23	42	P	P	04 07 08.8 -0.9
SCIA	State Center	96.26	48			

Table with multiple columns containing station call signs, frequencies, power levels, and other technical details. The table is organized into several vertical sections, each starting with a call sign or frequency range. The data includes various alphanumeric codes and numerical values representing signal strength and other parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Saint Sauveur, Kozani, Marv??o, Bardonecchia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Castelo Branco, Lisbon-Monsan, Marv??o, Bardonecchia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, URZ Urewera, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MEX 19 04:35:25.6+0.4, 18.13N x 100.33W, etc.

Text describing station coordinates and parameters: IDC 19 04:39:40.7+1.1, 36.64N; 144.02E, h0km, mb3.6/5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JFK Kawauchi, ONAJ Iwakimizuishi, JHO Hitachi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JOT Ohata, JKB Kayabe, JCH Churui, etc.

Text describing station coordinates and parameters: MEX 19 04:41:09.8+0.5, 27.99N x 112.09W, h5km, 5km, MD3.7, Baja California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SRIG Santa Rosalia, SRIG Guaymas, GUYB Guaymas, etc.

Text describing station coordinates and parameters: SOME 19 04:50:36.7, 40.90N; 71.90E, h10km, KRNET 19 04:50:37.3+0.1, 41.08N; 71.81E, h4km, mb1.8, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARK Arkit, ARS Arslanbob, BTk Batken, etc.

19d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK31, AAK Ala-Archa, AAK.

BJI 19 04:50:59.4, 38.88N:142.19E, h38km, mb4.6/37, mb4.8/22, Ms4.4/9, Ms7.4/2.9

NIED 19 04:51:00.39, 10N:142.10E, h50km, Mw4.5. Best double couple: Ms5.37000x1015 NP1.3x246.0000, z82.00000, 1.176.00000, NP2.3x342.0000, z87.00000, 1.63.00000

MOS 19 04:51:01.3, 0.3, 39.23N:142.13E, h33km, mb4.5/25, Error ellipse: s-maj=9.2km s-min=6.6km az=87.7

ISCJB 19 04:51:02.0, 0.4, 39.07N:142.08E, h53km, 3km, mb4.4/54, Error ellipse: s-maj=6.4km s-min=4.0km az=29.1

JMA 19 04:51:02.8, 39.10N:142.14E, h45km, 1km, M4.5, JMA Felt III J1

NEIC 19 04:51:03.0, 0.6, 39.09N:141.97E, h41km, 6km, mb4.5/28, Error ellipse: s-maj=6.1km s-min=4.4km az=138.0

NEIC Recorded [3 JMA] in Iwate, IDC 19 04:51:05.6, 2.1, 39.02N:142.05E, h70km, 19km, mb3.8/16, mb1.4/0.22, mb1mx3.9/44, mbtmp4.2/22, MS3.8/4, Ms1.3/64, ms1mx3.2/38, Error ellipse: s-maj=17.4km s-min=13.4km az=99.0

ISC 19 04:51:02.6, 0.5, 39.07N:142.17E, h50km, 3km, n135, r1551, mb4.5/54, 2C-3D, Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OFUJ, MIYJ, JMKJ, etc.

2011 AUG

Main station list table with columns: XAN, Xi'an, 27.08 270, P, Pmax, 04 56 41.1 -0.5. Includes stations like XAN, SONM, ENH, H1N12, etc.

888

Table with columns: R11A, Troy Canyon, C, 75.05 53 eP, P, 05 02 40.7 +0.3. Includes stations like DUG, DUG, DUG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUIM, Jordan, JAM, San Jose, Anti, etc.

MAN 19 04:52:56, 10.18N:122.18E, h3km, mb4.2, ML3.0, MS2.8, 2C, 2Panc

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SJA, 19 04:53:01.2, 0.7, 31.77S:69.18W, h109km, 4km, ML3.5, MW3.7, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AUSP, Uspallata, RCTV, Cerro Valdivia, etc.

IDC 19 05:00:57.3, 1.0, 38.47N:142.65E, h0km, mb3.8/7, mb1.3/9.10, mb1mx3.7/41, mbtmp3.8/10, ML3.1/3, Error ellipse: s-maj=28.2km s-min=18.4km az=83.0

ISCJB 19 05:01:00.4, 1.2, 38.37N:142.04E, h28km, 7km, mb3.9/9, Error ellipse: s-maj=9.6km s-min=7.0km az=15.4

NIED 19 05:01:00, 38.40N:142.20E, h44km, Mw3.9. Best double couple: Ms8.57000x1014 NP1.3x270.0000, z831.00000, 1.176.00000, NP2.3x3.00000, z868.00000, 1.59.00000

JMA 19 05:01:02.2, 0.1, 38.42N:142.18E, h34km, 2km, M4.0, JMA Felt III J1

NEIC 19 05:01:04.1, 2.1, 38.43N:142.44E, h49km, 10km, mb4.2/2, Error ellipse: s-maj=17.5km s-min=9.1km az=110.0

NEIC Recorded [1 JMA] in Miyagi, ISC 19 05:01:00.2, 1.5, 38.40N:142.08E, h13km, 9km, n30, r144/32, mb4.1/9, Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIO, Ouri, OFUJ, Ofunato, etc.

CASC 19 05:19:12.9, 12.9, 16.14, 19N:90.12W, h1km, 11km, ML3.6, mb4.3(NEIC)

ISCJB 19 05:19:13.6, 0.4, 14.20N:105.90E, h33km, mb4.1/17, MS3.3/1, Error ellipse: s-maj=9.2km s-min=3.3km az=42.1

NEIC 19 05:19:15.1, 2.3, 14.26N:90.12W, h21km, 18km, mb4.3/20, Error ellipse: s-maj=12.6km s-min=6.5km az=201.0

NEIC Felt [I] at Guatemala. Also felt at Amatitlan and Escuintla. Felt [I] at Ahuachapan, El Salvador.

IDC 19 05:19:16.4, 5.0, 14.43N:90.19W, h35km, 40km, mb3.6/5,

mb1 3.9/9, mb1mx3.6/35, mbtmp3.8/9, ML3.3/4, MS3.5/1, M1 3.5/1, ms1mx2.8/32, Error ellipse: s-maj=31.3km s-min=20.0km az=50.0

ISC 19 05:19:15.7-0.7, 14:16N, 0:06.90:09W, 0.06, h3km, m163, r125/165, mb4.2/17, Guatemala

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

Table with columns: TKL, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their characteristics.

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

NIED 19 05:36:00, 37.60N, 141.90E, h56km, Mw6.3 Best double couple: Ms3.19000, 1018 NP1.3818.00000, 0.38.00000, 1.02.00000. NP2.3818.00000, 0.38.00000, 1.02.00000. BUI 19 05:36:29.0, 37.60N, 141.90E, h50km, mb6.2/87, mb6.1/74, Ms6.3/99, Ms7.6/193 MOS 19 05:36:31.1, 0.9, 37.78N, 141.72E, h43km, mb6.5/162,

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YKA, HAMF, ARAO, ARCES, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AFI, PNT, G03D, TDL, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KHMM, BUOR, J05D, M02C, etc.

SCO	SNR=22	71.50 354	i/P	P	05 47 49.0 +1.0
SCO	comp=Z,301nm,1.1s				
SCO			i/S	S	05 47 03.9 +1.3
SCO	Scoresbysund	71.50 354	i/P	P	05 47 49.0 +1.0
SCO			i/S	S	05 47 03.9 +1.3
SCO			pmax	pmax	
GNI	comp=Z,300nm,1.1s				
GNI	Garni	71.50 307	P	P	05 47 49.9 +1.1
GNI		71.50 307	P	P	05 47 49.9 +1.1
GNI			pmax	pmax	
GNI	comp=Z,861nm,0.9s				
GNI	Garni	71.50 307	eP	P	05 47 49.9 +1.1
AKH	comp=Z,861nm,0.9s				
AKH	Akhalkalaki	71.59 308	P	P	05 47 50.4 +1.2
AKH		71.59 308	i/P	P	05 47 50.5 +1.2
AKH	Akhalkalaki	71.59 308	eP	P	05 47 50.4 +1.2
BGD	Bogdanovka	71.60 308	P	P	05 47 50.6 +1.2
MCCM	Marconi Center	71.63 56	eP	P	05 47 50.1 +0.8
MCCM					
MCCM	comp=Z,471nm,0.9s				
MCCM			LR	LR	
SWMT	comp=Z,6um,22.0s				
SWMT	Swartz Lake	71.67 44	eP	P	05 47 50.2 +0.6
CHVG	Ch'k Valeri	71.72 310	P	P	05 47 50.5 +0.7
HOQ	Hoqain	71.74 286	P	P	05 47 49.3 -1.0
HOQ	SNR=36				
HOQ	Hoqain	71.74 286	P	P	05 47 49.3 -1.0
ORV	SNR=36				
ORV	Oroville	71.74 54	eP	P	05 47 49.3 -0.7
ORV			pmax	pmax	
ORV	comp=Z,486nm,1.3s				
ORV			MLR	MLR	
ORV	comp=Z,5um,22.0s				
ORV	Oroville	71.74 54	eP	P	05 47 49.3 -0.7
ORV	comp=Z,486nm,1.3s				
ORV			LR	LR	
JMDO	comp=Z,5um,22.0s				
JMDO	Jabal Madar	71.80 284	P	P	05 47 51.3 +0.7
JMDO	SNR=20				
JMDO	Jabal Madar	71.80 284	P	P	05 47 51.3 +0.7
UOSS	Minazif	71.83 288	eP	P	05 47 50.9 +0.2
UOSS	comp=Z,197nm,0.8s				
UOSS			LR	LR	
WVOR	comp=Z,6um,21.0s				
WVOR	Wild Horse Val	71.92 50	eP	P	05 47 51.6 +0.4
WVOR			pmax	pmax	
WVOR	comp=Z,371nm,1.1s				
WVOR			MLR	MLR	
WVOR	comp=Z,5um,22.0s				
WVOR	Wild Horse Val	71.92 50	eP	P	05 47 51.6 +0.4
WVOR	comp=Z,370nm,1.1s				
WVOR			LR	LR	
HATD	comp=Z,5um,22.0s				
HATD	Hatta, Dubai	71.95 288	i/P	P	05 47 51.9 +0.4
HATD	SNR=36				
IDID	Didzasalis	72.07 327	eP	P	05 47 51.8 +0.2
IDID			iAmb	iAmb	05 47 53.7
ASHO	comp=Z,146nm,0.9s				
ASHO	Ashiyah	72.08 288	i/P	P	05 47 52.5 +0.2
ASHO	SNR=24				
ASHO	Ashiyah	72.08 288	P	P	05 47 55.7 +3.4
ASHO	SNR=9.1				
ASHO	Ashiyah	72.08 288	P	P	05 47 55.7 +3.4
MICGM	Minsk	72.09 326	i/P	P	05 47 52.0 +0.2
MICGM	SNR=1				
MICGM			eP	P	05 47 53.0
MICGM	comp=Z,0.9nm,0.6s				
MICGM			eP	P	05 48 08.0 -2.0
MICGM			eP	P	05 50 20.0 -12
MICGM			eP	P	05 52 12.0
MICGM			eP	P	05 53 32.0
MICGM			eS	S	05 57 10.0 +0.1
MICGM			eP	P	05 57 32.0 -13
MICGM			eS	S	06 01 36.0 -11
MICGM			eS	S	06 04 24.0
MICGM			eLR	LR	06 11 24.0
MICGM			eLR	LR	06 23 00.0
MNK	comp=Z,16nm,16.0s				
MNK	Minsk	72.09 326	i/P	P	05 47 52.0 +0.2
MNK			e	P	05 48 08.0
MNK			ePPP	PPP	05 52 12.0
MNK			eS	S	05 57 10.0 +0.1
MNK			pmax	pmax	
MNK	comp=Z,900nm,0.6s				
MNK			MLR	MLR	
MSO	comp=Z,17um,16.0s				
MSO	Missoula	72.11 44	P	P	05 47 52.1 -0.1
MSO	baz=306,SNR=206				
MSO	Missoula	72.11 44	eP	P	05 47 52.1 -0.1
SLMT	comp=Z,264nm,1.1s				
SLMT	Seely Lake	72.11 44	eP	P	05 47 52.1 -0.1
ISAL	Salakas	72.16 327	eP	P	05 47 52.4 +0.2
ISAL			iAmb	iAmb	05 47 55.4
NAZ	comp=Z,340nm,1.1s				
NAZ	Nazwa, Dubai	72.21 288	P	P	05 47 52.6 -0.4
TBLU	Tronheim	72.24 339	i/P	P	05 47 52.0 -0.5
TBLU			iVMB_BB	iVMB_BB	05 47 54.0
TBLU	comp=Z,3um,1.4s				
TBLU			eS	S	05 57 08.3 -3.0
TBLU			iVMBs_BB	iVMBs_BB	06 22 38.5
IIGN	comp=Z,5um,18.1s				
IIGN	Ignalina	72.27 327	eP	P	05 47 53.0 +0.2
IIGN			iAmb	iAmb	05 47 54.5
NACGM	comp=Z,144nm,0.7s				
NACGM	Naroch	72.32 327	eP	P	05 47 53.0 -0.1
NACGM			eP	P	05 47 53.0 -0.1
NACGM			PM	PM	05 47 56.0
NACGM	comp=Z,2.4nm,0.6s				
NACGM			eP	P	05 48 08.0 +1.0
NACGM			eP	P	05 52 24.0 -24
NACGM			eP	P	05 57 12.0 -0.5
NACGM			eS	S	06 01 38.0 -12
NACGM			eS	S	06 05 08.0
NACGM			eLQ	LQ	06 12 54.0
NACGM			eLR	LR	06 16 04.0
NACGM			eLR	LR	06 22 29.0
NACGM	comp=Z,33nm,18.0s				
NACGM			LRM	MLR	06 22 32.0
NACGM	comp=N,18nm,18.0s				
NACGM			LRM	MLR	06 22 32.0
FAQ	comp=E,10nm,16.0s				
FAQ	Al Faqa, Dubai	72.40 288	i/P	P	05 47 53.7 -0.5
FAQ	SNR=28				
BDM	Black Diamond	72.40 55	eP	P	05 47 55.3 +1.3
AFDM	Forest Hills D	72.42 54	eP	P	05 47 54.4 +0.2
AFDM	comp=E,211nm,1.1s				
AFDM			LR	LR	
CHMT	comp=Z,4um,20.0s				
CHMT	Chamberlain Mo	72.44 44	eP	P	05 47 54.3 0.0
ARQ	Araqi	72.48 286	P	P	05 47 54.9 +0.3
ARQ	SNR=33				
ARQ	Araqi	72.48 286	P	P	05 47 54.9 +0.3
SOC	Sochi	72.64 312	i/P	P	05 47 55.4 +0.1
SOC			e	P	05 48 11.5
SOC			e	P	05 50 42.2
SOC			e	P	05 57 15.7 -0.9
SOC			i/S	S	05 57 42.4 +2.5
SOC			pmax	pmax	
SOC	comp=Z,151nm,0.8s				
SOC			MLR	MLR	
ARTV	comp=Z,9um,16.0s				
ARTV	Artvin	72.69 309	eP	P	05 47 56.4 +0.5
ARTV	comp=Z,104nm,1.0s				
ARTV			LR	LR	
SOS	comp=Z,7um,21.0s				
SOS	Soda Springs	72.80 56	eP	P	05 47 56.4 -0.1
CAN	Canberra	72.94 174	eP	P	05 47 58.1 +1.1
CAN			pmax	pmax	
CAN	comp=Z,158nm,1.1s				
CAN			MLR	MLR	
CAN	comp=Z,4um,21.0s				
CAN	Canberra	72.94 174	eP	P	05 47 58.0 +1.1
CAN	comp=Z,158nm,1.1s				
CAN			LR	LR	
PAHR	comp=Z,4um,21.0s				
PAHR	Pah Rah Range	73.01 53	eP	P	05 47 57.5 -0.2
PAHR	comp=Z,523nm,1.1s				
ILULI	Ilulissat	73.01 5	i/P	P	05 47 57.3 +0.3
ILULI	comp=Z,217nm,0.9s				
ILULI	Ilulissat	73.01 5	i/P	P	05 47 57.3 +0.3
ILULI	comp=Z,7um,21.0s				
ILULI	Ilulissat	73.01 5	i/P	P	05 47 57.3 +0.3

ILULI	comp=Z,220nm,0.9s				
ILULI			MLR	MLR	
FFC	comp=Z,7um,21.0s				
FFC	Canas Ranch	73.03 48	eP	P	05 47 58.2 +0.4
FFC	comp=Z,334nm,0.8s				
FFC	Fin Flon	73.05 33	eP	P	05 47 57.0 -0.5
FFC			pmax	pmax	
FFC	comp=Z,580nm,0.9s				
FFC			MLR	MLR	
FFC	comp=Z,5um,21.0s				
FFC	Fin Flon	73.05 33	eP	P	05 47 57.0 -0.5
FFC	comp=Z,580nm,0.9s				
FFC			LR	LR	
PNTR	comp=Z,5um,21.0s				
PNTR	Pine Nut	73.22 53	eP	P	05 47 59.5 +0.4
ANN	comp=Z,937nm,1.6s				
ANN	Anapa	73.25 314	eP	S	05 47 58.2 -0.6
ANN			eS	S	05 57 21.9 -1.5
ANN			pmax	pmax	
ANN	comp=Z,215nm,1.1s				
ANN			pmax	pmax	
ANN	comp=E,28nm,1.1s				
ANN			pmax	pmax	
ANN	comp=N,77nm,5.1s				
ANN			pmax	pmax	
ANN	comp=Z,731nm,5.1s				
ANN			pmax	pmax	
ANN	comp=E,193nm,5.1s				
ANN			smax	smax	
ANN	comp=Z,1um,4.9s				
ANN			smax	smax	
ANN	comp=E,3um,4.9s				
ANN			smax	smax	
ANN	comp=N,473nm,4.9s				
ANN			MLR	MLR	
ANN	comp=N,809nm,16.0s				
ANN			MLR	MLR	
ANN	comp=Z,6um,16.0s				
ANN			MLR	MLR	
CMB	comp=E,5um,16.0s				
CMB	Columbia Cole	73.32 55	eP	P	05 47 59.3 -0.2
CMB			eP	P	05 47 59.3 -0.2
CMB	Columbia Cole	73.32 55	eP	P	05 47 59.3 -0.2
CMB	comp=Z,673nm,1.3s				
CMB	Fort Churchill	73.33 27	eP	P	05 47 58.9 -0.2
FCC	comp=Z,881nm,1.1s				
FCC			pmax	pmax	
FCC	comp=Z,881nm,1.1s				
FCC			MLR	MLR	
FCC	comp=Z,6um,20.0s				
FCC	Fort Churchill	73.33 27	eP	P	05 47 58.9 -0.2
FCC	comp=Z,880nm,1.1s				
FCC			LR	LR	
FCC	comp=Z,6um,20.0s				
FCC	Holter Research	73.34 44	eP	P	05 47 59.7 +0.1
FCC	San Andreas Ge	73.35 56	eP	P	05 48 00.5 +0.9
FCC			pmax	pmax	
SAO	comp=Z,128nm,0.8s				
SAO			MLR	MLR	
SAO	comp=Z,4um,20.0s				
SAO	San Andreas Ge	73.35 56	eP	P	05 48 00.5 +0.9
SAO	comp=Z,128nm,0.8s				
SAO			LR	LR	
BVYM	comp=Z,4um,20.0s				
BVYM	Vineyard	73.38 56	eP	P	05 48 00.8 +0.9
NC405	NORSAR Array S	73.48 337	eP	P	05 47 59.7 -0.2
NC303	NORSAR Array S	73.50 337	eP	P	05 47 60.0 -0.1
YERR	Yerington	73.51 53	eP	P	05 48 00.7 0.0
LRM	comp=Z,779nm,1.2s				
LRM	Limekiln Ridge	73.54 45	eP	P	05 48 00.6 -0.3
LRM			i/P	P	05 48 00.8 +0.6
MOL	comp=Z,2um,1.3s				
MOL			iVMB_BB	iVMB_BB	05 48 02.9
MOL	comp=Z,2um,1.3s				
MOL			eS	S	05 57 26.1 +0.1
MOL			iVMBs_BB	iVMBs_BB	06 23 27.3
NC204	NORSAR Array S	73.64 338	eP	P	05 48 01.0 +0.1
EGMT	Eagleton	73.65 42	eP	P	05 48 01.1 -0.2
EGMT	baz=38,SNR=411				
EGMT	Eagleton	73.65 42	eP	P	05 48 01.4 +0.1
EGMT	comp=Z,996nm,1.0s				
EGMT			LR	LR	
NB201	comp=Z,5um,21.0s				
NB201	NORSAR Array S	73.66 337	eP	P	05 48 01.1 +0.1
WAKR	Walker	73.66 54	eP	P	05 48 02.1 +0.5
WAKR	comp=Z,402nm,1.2s				
WAKR	</				

Table with columns: RLMT, Red Lodge, 75.73, 44, P, P, 05 48 14.3 +0.7, etc. Lists various locations and their associated data points.

Table with columns: HWUT, Hardware Ranch, 76.64, 48, eP, P, 05 48 19.6 +0.9, etc. Lists various locations and their associated data points.

Table with columns: GPK, Gorka Klasztor, 77.47, 330, eP, P, 05 48 23.4 +0.6, etc. Lists various locations and their associated data points.

Table with columns: Station, Frequency, Power, Mode, and various performance metrics. Includes stations like Preston Nutter, Darouich, Carnavoda, etc.

Table with columns: Station, Frequency, Power, Mode, and various performance metrics. Includes stations like Ostrava-Krasne, Matur, KSP, etc.

Table with columns: Station, Frequency, Power, Mode, and various performance metrics. Includes stations like BRG, BRG, BRG, etc.

319A	Douglas	84.61	54	eP	P	05 49 01.6 +0.2
319A	comp-Z,501nm,1.1s					
319A	LR					
PDG	comp-Z,6.5um,20.0s					
PDG	Podgorica	84.61	321	iP	P	05 49 01.2 +0.2
TTG	Podgorica	84.61	321	iP	P	05 49 01.2 +0.2
BRY	Bratogost	84.61	322	iP	P	05 49 00.2 -1.1
I37A	Lemond, Waseca	84.62	36	P	P	05 49 01.1 -0.1
LIT	Litokhoron	84.64	318	P	P	05 49 01.1 -0.2
H38A	Malden Rock	84.64	35	P	P	05 49 00.8 -0.5
WME	Myndt Eilian	84.64	340	eP	P	05 49 00.5 -0.5
WPM	Penmaenmawr	84.65	340	eP	P	05 49 00.3 -0.3
SCHO	Schefferville	84.67	16	P	P	05 49 01.1 0.0
SCHQ	comp-Z,246nm,0.8s,baz=351,slow=5.4,SNR=139					
SCHO	comp-Z,7.9nm,0.8s,baz=121,slow=3.3,SNR=6.0					
SCHQ	comp-Z,7.7um,21.7s,baz=338,slow=37					
SCHO	Schefferville	84.67	16	eP	P	05 49 01.2 0.0
SCHQ	comp-Z,262nm,0.8s					
SCHQ	Seneca 1, Swea	84.69	37	P	P	05 49 17.9 +2.6
J36A	comp-Z,319,SNR=169					
WPS	Cemaes, Angles	84.69	340	eP	P	05 49 00.5 -0.7
WPS	comp-Z,145nm,4.1s					
WPS	e					
WPS	AMS					
CEME	Cevo	84.69	321	iP	P	05 49 00.9 -0.7
L34A	Svendsen Farm,	84.70	39	P	P	05 49 00.9 -0.7
TRI	Trieste	84.70	326	eP	P	05 49 01.3 -0.2
TRI	comp-Z,91nm,0.8s					
TRI	comp-Z,14um,19.0s					
TRI	comp-Z,91nm,0.8s					
TRI	LR					
K35A	Storm Linn	84.71	38	P	P	05 49 00.9 -0.7
UDBI	Udina	84.71	324	P	P	05 49 01.4 -0.3
PPT	Papeete	84.72	117	P	P	05 49 02.5 +0.7
PPT	comp-Z,156nm,0.9s,baz=298,slow=6.9,SNR=12					
PPT	comp-Z,8um,19.6s,baz=294,slow=32					
PPT	Papeete	84.72	117	eP	P	05 49 03.0 +1.1
PPT	Papeete	84.72	117	eP	P	05 49 03.0 +1.1
FNA	Florina	84.73	319	eP	P	05 49 01.5 -0.3
PPT2	Papeete2	84.73	117	eP	P	05 49 02.5 +0.5
PPT2	Papeete2	84.73	117	ePP	PP	05 52 15.7 -3.2
PPT2	comp-Z,17um,34.2s					
PPT2	Papeete2	84.73	117	eLR	LR	05 51 20.3
PPT2	comp-Z,26um,24.8s,baz=317					
PPT2	Papeete2	84.73	117	eT	T	07 22 22.8
FOZ	Fox Glacier	84.76	160	eP	P	05 49 01.7 +0.2
FOZ	comp-Z,547nm,1.8s					
FOZ	LR					
WLF1	Llynfaes	84.76	340	eP	P	05 49 00.2 -1.4
WLF1	e					
WLF1	AMS					
L7Z	Lake Taylor	84.77	158	eP	P	05 49 01.7 +0.1
L7Z	comp-Z,293nm,1.9s					
L7Z	LR					
SKIA	Skiathos	84.78	317	P	P	05 49 00.1 -1.9
PAE	Paea	84.78	117	eP	P	05 49 02.4 +0.2
PAE	comp-Z,39nm,1.1s					
XOR	Paea	84.78	117	eT	T	07 22 25.5
FOEL	Xorichit	84.78	317	P	P	05 49 01.1 -1.0
FOEL	Foel Wylfa	84.79	340	eP	P	05 49 01.7 -0.1
FOEL	AMB					
FOEL	AMS					
OHR	Ohrid	84.79	319	eP	P	05 49 01.0 -1.2
121A	Cookes Peak, D	84.80	53	P	P	05 49 02.9 +0.5
121A	comp-Z,312,SNR=197					
NEO	Nehokhori	84.81	317	P	P	05 49 01.6 -0.6
KHZ	Kahatara	84.82	157	PFAKE		05 49 10.0 +8.2
KHZ	LR					
DRME	Dracem Mon	84.83	321	iP	P	05 49 01.8 -0.4
BFO	Black Forest	84.86	331	eP	P	05 49 02.4 +0.1
BFO	comp-Z,382nm,0.9s					
BFO	MLR					
BFO	MLR					
BFO	comp-Z,8um,19.0s					
BFO	comp-Z,382nm,0.9s					
BFO	LR					
STR	Strasbourg	84.87	331	eP	P	05 49 02.3 0.0
KIZN	Kozani	84.87	318	P	P	05 49 01.9 -0.7
TIAN	Tiarei	84.88	117	eP	P	05 49 03.0 +0.3
TIAR	comp-Z,84nm,0.8s					
TIAR	Tiarei	84.88	117	eT	T	07 22 32.8
BUM	Brajci-Budva	84.89	321	iP	P	05 49 02.5 -0.1
FYTO	Fytoko, Volos	84.89	317	P	P	05 49 02.0 -0.6
COWI	Conover	84.93	33	eP	P	05 49 01.6 -1.1
COWI	comp-Z,272nm,0.8s					
M34A	Aspy Farms, Fr	84.93	40	P	P	05 49 02.3 -0.4
FETA	Feichten	84.96	329	iP	P	05 49 02.3 -0.7
LLW	Llanuwchllyn	84.96	340	eP	P	05 49 01.4 -1.2
ULC	Ulcinj	84.96	321	iP	P	05 49 02.7 -0.2
H32A	Brooklyn Farm,	84.96	42	P	P	05 49 01.8 -1.2
O32A	comp-Z,319,SNR=139					
O32A	Herceg Novi	84.97	322	iP	P	05 49 02.7 -0.3
JCZ	Jackson Bay	84.99	161	ePN	P	05 49 03.5 +0.8
L35A	Bielow Farm, R	85.01	39	P	P	05 49 02.4 -0.7
ELSH	Elham, Stander	85.03	336	eP	P	05 49 03.2 +0.1
ELSH	AMS					
HLM1	Long Mynd	85.03	339	eP	P	05 49 02.8 -0.2
HLM1	e					
KARY	Karystos	85.04	315	P	P	05 49 03.0 -0.4
HSIG	comp-Z,391nm,1.5s					
HSIG	LR					
N33A	J Bar K, Exete	85.05	41	P	P	05 49 02.4 -0.9
EREJ	Eretria	85.05	316	P	P	05 49 03.0 -0.5
J37A	Redenius Farm,	85.08	37	P	P	05 49 03.0 -0.5
NVLJ	Novalia	85.09	325	P	P	05 49 02.3 -1.2
DAVA	Damuels	85.09	329	iPKKPbc	PKKPbc	06 07 09.8 +0.5
DAVA	comp-Z,6.5nm,0.8s					
DAVA	Damuels	85.09	329	iP	P	05 49 03.2 -0.4
H39A	Augusta	85.09	35	P	P	05 49 02.9 -0.6
TVO	Taravao	85.09	117	eP	P	05 49 04.6 +0.8
TVO	comp-Z,77nm,0.9s					
TAR	Taravao	85.09	117	eT	T	07 22 49.9
TIR	Tirane	85.10	320	iP	P	05 49 04.5 +0.9
TIR	comp-Z,3.1nm,0.3s					
TIR	comp-Z,294nm,0.9s					
TIR	MLR					
TIR	MLR					
TIR	comp-Z,30um,18.0s					
TIR	85.10	320	eP	P	05 49 03.5 0.0	

TIR	comp-Z,294nm,0.9s					
APE	Apeliranthos	85.10	314	P	P	05 49 01.9 -1.9
I38A	Scanlon Farm,	85.10	36	P	P	05 49 02.7 -0.8
SMIA	Simia	85.12	316	P	P	05 49 03.3 -0.5
K36A	Gilmore City	85.15	38	P	P	05 49 03.1 -0.8
WLS	Welschbruch	85.16	331	eP	P	05 49 03.3 -0.6
OXF	Oxford	85.20	158	eP	P	05 49 03.8 +0.1
OXZ	comp-Z,867nm,1.9s					
OXZ	Oxford	85.20	158	ePN	P	05 49 03.5 -0.1
KARP	Karpathos	85.21	312	P	P	05 49 03.5 -0.8
CBKS	Cedar Bluff	85.22	44	P	P	05 49 03.2 -1.1
CBKS	comp-Z,316,SNR=91					
CBKS	Cedar Bluff	85.22	44	eP	P	05 49 03.6 -0.7
CBKS	comp-Z,394nm,1.1s					
CBKS	MLR					
CBKS	MLR					
CBKS	comp-Z,3um,20.0s					
CBKS	comp-Z,394nm,1.1s					
P32A	Huiling Farm,	85.25	42	P	P	05 49 03.4 -1.1
RPZ	Rata Peaks	85.27	159	LR	LR	06 21 44.7
RPZ	comp-Z,5um,21.7s,baz=328,slow=32					
RPZ	Rata Peaks	85.27	159	eP	P	05 49 04.3 +0.2
SRIG	Santa Rosalia	85.27	59	eP	P	05 49 05.4 +0.7
SRIG	comp-Z,244nm,1.2s					
SRIG	LR					
THL	Thlokotlos	85.28	318	P	P	05 49 02.8 -1.7
PENT	Pentafelos	85.28	319	P	P	05 49 03.9 -0.8
DSB	Dublin	85.32	341	eP	P	05 49 04.6 +0.2
DSB	comp-Z,162nm,1.0s					
MSZ	Milford Sound	85.33	162	ePN	P	05 49 05.8 +1.5
KPRO	Kipouroi	85.34	318	P	P	05 49 03.8 -1.1
PTL	Penteili	85.35	316	P	P	05 49 04.1 -0.9
ATAL	Atalanti	85.36	316	P	P	05 49 03.9 -1.0
LKR	Lokris	85.40	316	P	P	05 49 03.4 -1.7
ECH	Echery	85.40	331	eP	P	05 49 04.2 -0.8
M35A	Neola	85.41	39	P	P	05 49 04.6 -0.5
L36A	Harm Buss Farm	85.45	38	P	P	05 49 04.5 -0.8
K37A	Belmond	85.45	37	P	P	05 49 04.5 -0.8
ATHU	Athens Univers	85.45	316	P	P	05 49 04.3 -1.1
O33A	Herb	85.46	41	P	P	05 49 04.4 -1.1
N34A	Lincoln	85.46	40	P	P	05 49 04.6 -0.8
FUORN	Openpass-Fuorn	85.47	329	eP	P	05 49 05.1 -0.5
FUORN	comp-Z,390nm,0.9s					
STRD	Stroud	85.49	338	eP	P	05 49 04.8 -0.4
STRD	AMB					
STRD	comp-Z,539nm,1.2s					
STRD	e					
STRD	AMS					
STRD	AMS					
ATH	Athens Observa	85.49	316	P	P	05 49 04.8 -0.8
AGG	Agios Georgios	85.50	317	P	P	05 49 03.5 -2.2
AGG	Agios Georgios	85.50	317	eP	P	05 49 04.9 -0.8
AGG	comp-Z,144nm,0.8s					
AGG	MLR					
AGG	MLR					
AGG	comp-Z,30um,18.0s					
AGG	Agios Georgios	85.50	317	eP	P	05 49 04.9 -0.8
AGG	comp-Z,144nm,0.8s					
AGG	LR					
HMXN	Herstmonceux	85.53	337	eP	P	05 49 05.3 -0.2
HMXN	AMB					
HMXN	AMB					
HMXN	comp-Z,645nm,0.9s					
HMXN	AMS					
MCH1	Michaelchurc	85.53	339	eP	P	06 31 29.4
MCH1	comp-Z,13um,18.2s					
MCH1	AMB					
MCH1	AMB					
MCH1	comp-Z,242nm,1.1s					
MCH1	e					
MCH1	AMS					
MCH1	AMS					
H40A	Chili	85.54	34	P	P	05 49 05.0 -0.7
VILL	Vill	85.58	316	P	P	05 49 03.3 -2.8
J38A	Wedel Dairy, R	85.58	36	P	P	05 49 05.4 -0.6
CRLZ	Canterbury Las	85.60	158	PFAKE		05 49 20.0 +14
CRLZ	comp-Z,11um,22.0s					
SWN1	Swindon	85.61	338	eP	P	05 49 05.6 -0.3
SWN1	AMB					
SWN1	comp-Z,599nm,1.2s					
SWN1	AMS					
SWN1	AMS					
SWN1	comp-Z,15um,24.1s					
MONM	Monmouth	85.62	339	eP	P	05 49 04.5 -1.4
MONM	AMB					
MONM	AMB					
MONM	comp-Z,319nm,1.1s					
MONM	e					
MONM	AMS					
MONM	AMS					
WOL	Wolverton	85.62	338	eP	P	05 49 04.5 -0.5
WOL	AMS					
WOL	AMS					
I39A	Houston	85.62	36	P	P	05 49 04.9 -1.2
SANT	Santorini	85.63	313	eP	P	05 49 05.5 -0.9
SANT	comp-Z,187nm,1.1s					
SANT	LR					

19d 5h

2011 AUG

900

Table with columns: ID, Name, baz, SNR, P, P, 05, 49, 13.1, -0.6. Includes entries like M39A Webster, OG01 Vacheresse, L40A Anamosa, etc.

Table with columns: ID, Name, baz, SNR, P, P, 05, 49, 13.1, -0.6. Includes entries like O41A baz=319,SNR=78, SSB Saint Sauveur, SSB Saint Sauveur, etc.

Table with columns: SFIN, Lafayette, 90.38, 35, eP, P, 05, 49, 28.5, -0.5. Includes entries like SFIN Lafayette, P44A comp=Z,7um,21.0s, LMQ La Malbaie, etc.

QOI	comp=Z,298nm,1.0s	LR	LR	MET	Memphis-Engin	93.17	40	PFAKE	05 49 50.0 +8.1	baz=322,SNR=31	035A	Encino	94.71	51	P	P	05 49 50.3 +1.1
W41B	comp=Z,7um,20.0s Gary Mavity, V baz=32,SNR=19	91.93	42	P	P	05 49 36.1 -0.1				baz=317,SNR=33	540A	Vidor	94.74	46	P	P	05 49 50.2 +0.9
137A	Heron Place, G baz=318,SNR=8.6	91.95	45	P	P	05 49 35.9 -0.5				baz=319	FURI	94.77	285	eP	P	P	05 49 51.9 +1.8
236A	Katherine and baz=318,SNR=46	91.95	46	P	P	05 49 36.1 -0.3				baz=1,133nm,1.0s	441A	DeRidder	94.78	45	P	P	05 49 50.5 +1.1
U43A	Rector baz=321,SNR=13	91.96	40	P	P	05 49 35.5 -0.8				baz=320,SNR=7.6	342A	Flagon Creek P	94.79	44	P	P	05 49 50.0 +0.5
335A	Moody baz=317,SNR=66	91.96	47	P	P	05 49 36.1 -0.4				baz=318	738A	Farr-Stevens R	94.80	48	P	P	05 49 50.9 +1.4
ERPA	Erie comp=Z,117nm,0.8s	91.97	30	eP	P	05 49 36.1 -0.1				comp=Z,155nm,1.0s	ZAIG	Zaacas	94.81	57	eP	P	05 49 50.5 +0.4
ERPA	comp=Z,5um,21.0s									comp=Z,12um,22.0s	CMAH	Djebel Manchou	94.83	325	P	P	05 49 48.7 -1.0
WDD	Wed Dalar comp=Z,158nm,1.0s	92.00	320	eP	P	05 49 35.8 -0.7				94.83	24	eP	P	P	05 49 49.1 -0.3		
WDD	comp=Z,8um,19.0s									comp=Z,220nm,1.1s	WES	Weston	94.83	24	eP	P	05 49 49.1 -0.3
USIN	University of comp=Z,228nm,1.4s	92.05	37	eP	P	05 49 37.6 +0.9				comp=Z,220nm,1.1s	936A	North Padre Is	94.85	50	P	P	05 49 50.8 +1.0
USIN	comp=Z,5um,22.0s									baz=317	144A	Alexander Plac	94.85	42	P	P	05 49 50.4 +0.7
PARMO	Parma	92.06	39	eP	P	05 49 37.7 +0.9				baz=321	243A	Watproof	94.86	43	P	P	05 49 50.2 +0.4
X40A	Basin Creek Fa baz=320,SNR=62	92.14	42	P	P	05 49 37.0 -0.2				baz=321	ODNJ	Ogdensburg	94.88	27	eP	P	05 49 50.1 +0.4
UALR	University of comp=Z,113nm,1.0s	92.18	42	eP	P	05 49 37.4 0.0				comp=Z,190nm,2.0s	ODNJ	comp=Z,2um,18.0s					
UALR	comp=Z,4um,22.0s									comp=Z,153nm,1.1s	BCX	Boston College	94.93	24	eP	P	05 49 50.2 +0.4
U44A	Portageville baz=322	92.21	39	P	P	05 49 37.2 -0.4				comp=Z,2um,18.0s	CAEH	'Alin E' Ouahouh	94.96	325	P	P	05 49 48.9 -1.3
336A	Riesel baz=318,SNR=46	92.22	47	P	P	05 49 37.4 -0.3				95.03	27	eP	P	P	05 49 50.9 +0.5		
W42A	Bald Knob baz=321,SNR=25	92.23	41	P	P	05 49 37.9 +0.3				comp=Z,46nm,0.9s	LUPA						
435B	Jarrell	92.23	48	P	P	05 49 37.7 0.0				comp=Z,6um,22.0s	035Z	Hargill	95.08	51	P	P	05 49 51.9 +1.1
MMNY	Mt. Morr Dam baz=317,SNR=33	92.24	28	eP	P	05 49 37.9 +0.4				comp=Z,317,SNR=56	SWET	Sewanee	95.08	37	eP	P	05 49 50.0 -0.8
633A	Southoff Ranch baz=316,SNR=35	92.24	50	P	P	05 49 37.8 0.0				comp=Z,45nm,1.0s	SWET	comp=Z,2um,22.0s					
VALF	Valcebolere	92.25	331	eP	P	05 49 38.3 +0.5				95.09	324	P	P	P	05 49 49.7 -1.2		
540A	Blanco baz=317,SNR=181	92.25	49	P	P	05 49 37.6 -0.3				95.12	35	eP	P	P	05 49 50.6 -0.3		
Y34A	Okolona	92.26	43	P	P	05 49 37.8 0.0				comp=Z,114nm,1.0s	TZTN						
PVMO	Portageville	92.28	39	PFAKE	LR	05 49 50.0 +1.2				comp=Z,8um,21.0s	VBMS	Vicksburg	95.12	42	P	P	05 49 51.4 +0.5
PVMO	comp=Z,6um,22.0s									baz=321,SNR=10.0	VBMS	Vicksburg	95.12	42	eP	P	05 49 51.8 +0.8
138A	Matatal Enter baz=318,SNR=11	92.28	45	P	P	05 49 38.9 +0.9				comp=Z,146nm,0.9s	VBMS						
ALLY	Alegheny Colle comp=Z,239nm,0.9s	92.30	30	eP	P	05 49 38.5 +0.6				comp=Z,4um,21.0s	145A	Houston Renfro	95.14	42	P	P	05 49 51.4 +0.3
X41A	Kaden, Bauxite baz=320,SNR=32	92.31	42	P	P	05 49 38.2 +0.2				baz=322,SNR=16	244A	Avery, Jackson	95.17	47	P	P	05 49 51.0 -0.1
MELF	Melles	92.31	332	eP	P	05 49 37.9 -0.1				baz=321,SNR=31	BRYW	Bryant College	95.18	24	eP	P	05 49 52.0 +0.9
ACSO	Alum Creek Sta comp=Z,289nm,0.3s	92.32	33	eP	P	05 49 38.0 0.0				comp=Z,112nm,1.3s	BRYW						
ACSO	comp=Z,4um,20.0s									comp=Z,10um,22.0s	Y47A	UCPARC, Winfie	95.19	39	P	P	05 49 50.8 -0.4
V43A	Jonesboro baz=321,SNR=23	92.34	40	P	P	05 49 38.1 0.0				baz=323,SNR=9.4	MVL	Millersville	95.19	28	eP	P	05 49 51.6 +0.5
Z39A	Irene McRaven, baz=319,SNR=17	92.35	44	P	P	05 49 38.9 +0.7				comp=Z,39nm,0.9s	MVL						
237A	Washetta, Mont baz=318,SNR=22	92.37	46	P	P	05 49 38.8 +0.4				comp=Z,6um,21.0s	Z46A	Louisville	95.19	41	P	P	05 49 52.1 +0.8
HBAR	Harrisburg	92.46	40	eP	P	05 49 39.7 +1.0				baz=322,SNR=6.5	PAL	Palisades	95.20	26	eP	P	05 49 51.8 +0.7
NCB	Newcomb	92.46	25	eP	P	05 49 38.4 -0.1				comp=Z,264nm,1.9s	PAL						
WCI	Wyandotte Cave	92.48	36	eP	P	05 49 38.6 -0.2				comp=Z,4um,18.0s	PAL	Palisades	95.20	26	eP	P	05 49 51.8 +0.7
WCI	comp=Z,408nm,1.6s									comp=Z,264nm,1.9s	PAL						
WCI	comp=Z,6um,22.0s									comp=Z,4um,18.0s	PAL	Palisades	95.20	26	eP	P	05 49 51.8 +0.7
WCI	Wyandotte Cave comp=Z,408nm,1.0s	92.48	36	eP	P	05 49 38.6 -0.2				comp=Z,4um,21.0s	42A	Mamou	95.23	44	P	P	05 49 52.9 +1.4
WCI	comp=Z,6um,22.0s									baz=320	BRNJ	Basking Ridge	95.25	27	eP	P	05 49 51.8 +0.5
U44B	Burton Farm, H baz=322,SNR=16	92.51	39	P	P	05 49 39.4 +0.5				comp=Z,70nm,0.9s	BRNJ						
REYF	Montagne du Re View	92.56	333	eP	P	05 49 39.0 -0.1				comp=Z,3um,20.0s	343A	Vidalia	95.25	44	P	P	05 49 52.3 +0.7
VIEF	Faith Ranch, C baz=316,SNR=63	92.57	331	eP	P	05 49 40.1 +0.9				baz=320	541A	Lake Charles	95.31	45	P	P	05 49 53.0 +1.2
832A	GLAT White Oak Lake comp=Z,372nm,1.1s	92.60	39	eP	P	05 49 39.8 +0.5				baz=320	CKFL	Kef-Lekleh	95.33	325	P	P	05 49 51.0 -1.0
WLAR	comp=Z,4um,22.0s									comp=Z,50nm,0.9s	CPNY	Central Park	95.37	26	eP	P	05 49 52.0 +0.1
M54A	Oil Creek baz=328,SNR=46	92.61	30	P	P	05 49 39.7 +0.4				comp=Z,19um,19.0s	SDMD	Soldier's Dell	95.51	29	eP	P	05 49 53.0 +0.3
ORDF	Ordiarp	92.63	334	eP	P	05 49 39.0 -0.3				comp=Z,21nm,0.9s	SDMD						
ORDF	Ordiarp	92.63	334	eP	P	05 49 39.2 -0.1				comp=Z,2um,20.0s	CASM	Ain Smara	95.55	325	P	P	05 49 52.3 -0.7
V44A	Blytheville baz=322	92.64	40	P	P	05 49 39.4 0.0				baz=320	443A	Delano Plantat	95.56	44	P	P	05 49 54.5 +1.5
ATE	Arette	92.66	333	eP	P	05 49 40.2 +0.7				comp=Z,46nm,1.1s	CPCT	Cooper Cave	95.56	36	eP	P	05 49 52.5 -0.4
733A	Divot King Ran baz=316,SNR=44	92.70	50	P	P	05 49 40.0 +0.1				comp=Z,4um,22.0s	CPCT						
436A	Wall Ranch, G baz=318,SNR=38	92.70	47	P	P	05 49 40.2 +0.3				comp=Z,4um,22.0s	146A	Union	95.56	41	P	P	05 49 53.2 +0.2
OSSF	Osses	92.71	334	eP	P	05 49 39.3 -0.4				baz=322,SNR=12	PSUB	Penn St. - Bra	95.59	28	eP	P	05 49 53.2 +0.3
Y41A	Eaglette Beard baz=320,SNR=67	92.72	43	P	P	05 49 39.6 -0.3				comp=Z,38nm,0.9s	PSUB						
X42A	Stuttgart	92.73	42	P	P	05 49 39.9 -0.1				comp=Z,6um,21.0s	DFRA	Djebel Bou Aff	95.59	326	P	P	05 49 52.6 -0.6
UTMT	University of comp=Z,332nm,1.1s	92.75	39	eP	P	05 49 40.5 +0.5				baz=322,SNR=17	245A	Little AP, Sta	95.60	42	P	P	05 49 53.6 +0.5
238A	Jacksonville baz=318,SNR=14	92.76	45	P	P	05 49 40.5 +0.4				baz=322,SNR=17	344A	Westbrook Farm	95.60	43	P	P	05 49 53.5 +0.3
Z40A	Long Farm, Mag baz=320,SNR=20	92.77	43	P	P	05 49 40.2 0.0				baz=321,SNR=16	542A	Morse	95.61	45	P	P	05 49 54.3 +1.0
MDV	Middlebury	92.78	24	eP	P	05 49 40.2 +0.2				baz=320	Z47A	Carrollton	95.63	40	P	P	05 49 53.0 -0.3
535A	Dale	92.79	48	P	P	05 49 40.3 0.0				baz=323,SNR=18	TKL	Tuckaleechee C	95.74	36	eP	P	05 49 53.3 -0.5
U45A	Rockin P Farm, baz=322,SNR=18	92.80	39	P	P	05 49 40.2 0.0				comp=Z,77nm,0.8s	TKL						
643A	China Grove, S baz=317,SNR=9.0	92.80	49	P	P	05 49 40.3 0.0				comp=Z,5um,22.0s	TKL	Tuckaleechee C	95.74	36	eP	P	05 49 53.2 -0.5
W43A	Forest City baz=321	92.80	41	P	P	05 49 40.2 0.0				comp=Z,77nm,0.8s	TKL						
LARF	Larrou	92.80	334	eP	P	05 49 41.2 +1.0				comp=Z,5um,22.0s	TKL	Tuckaleechee C	95.74	36	eP	P	05 49 53.2 -0.5
337A	Centerville baz=318	92.83	46	P	P	05 49 41.3 +0.8				comp=Z,7um,22.0s	TKL						
HALT	Halls	92.85	39	eP	P	05 49 40.5 0.0				comp=Z,7um,22.0s	TKL						
HALT	comp=Z,4335um,21.0s									comp=Z,7um,22.0s	TKL						
833A	Chaparral WMA, baz=316,SNR=43	92.92	51	P	P	05											

19d 5h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like 247A Quitman, 445A Amite, 446A Poplarville, etc.

2015 AUG

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like UNM Universidad Na, NHSC New Hope, RER Riviere de l'E, etc.

902

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like TOAO Torodi Ar. Sit, TORD Torodi Ar. Bea, TORD comp=Z,18nm,0.8s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMSI Cibinong, GTOI Gorontalo, MRSI Marisa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S2 WAKE ISLAND Hy 29.74 126 T, KURBB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MEX 19 06:48:42.9,0.5,17.30N:94.84W, h120km,15km,MD3.9, Chiapas, TGIG 1.73 107 eP, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM 2.4nm,0.3s,baz=72,slow=8,SNR=13, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 19 07:21:57.1,1.1,6.86S:154.59E, h0km,mb3.5/3, mb1 3.8/3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NIED 19 06:34:00.37:60N:141.80E, h53km,Mw4.6, Best double couple, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 19 06:52:16.2,0.9,18.47S:168.23E, h0km,mb4.2/12, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 19 07:22:58.1,13.0,18.74S:167.35E, h0km,mb3.9/3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMK Kawauchi, JFM Marumori, JMM Ouri, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM 3.82 205 P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISCJB 19 07:27:48.0,0.7,51.44N:0.04:16.7,12E:0.03, h0km, Error ellipse, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM 3.82 205 P, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KURBB Kurchatov Arra, ILAR Eielson Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM 3.82 205 P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DPC Dobruska-Polom, DPC Dobruska-Polom, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OFUJ Ofunato, JMK Ichinoseki, JMK Ichinoseki, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 19 07:08:54.2:54.4,0.5073N:112.77E, h0km, Error ellipse, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMA 19 06:45:17.6,0.7,38.83N:141.62E, h80km,4km, mb3.5/4, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMA 19 07:12:11.3,0.2,36.85N:143.60E, h36km,M3.5, Off east coast of Honshu, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1N2 WAKE ISLAND Hy 29.96 124 T, H1N1 WAKE ISLAND Hy 29.87 124 T, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMA 19 07:17:17.4,0.1,37.67N:141.74E, h45km,2km,M3.8, Near east coast of eastern Honshu, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1N2 WAKE ISLAND Hy 29.96 124 T, H1N1 WAKE ISLAND Hy 29.87 124 T, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMA 19 07:17:17.4,0.1,37.67N:141.74E, h45km,2km,M3.8, Near east coast of eastern Honshu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MORC Moravsky Benouk, MORC Moravsky Benouk, MORC Moravsky Benouk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1N2 WAKE ISLAND Hy 29.96 124 T, H1N1 WAKE ISLAND Hy 29.87 124 T, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 19 07:18:10.1:10.0,18.76S:167.51E, h0km,mb4.2/4, mb1 4.3/5, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1N2 WAKE ISLAND Hy 29.96 124 T, H1N1 WAKE ISLAND Hy 29.87 124 T, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CONA Conrad Observa, CONA Conrad Observa, CONA Conrad Observa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1N2 WAKE ISLAND Hy 29.96 124 T, H1N1 WAKE ISLAND Hy 29.87 124 T, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H1N2 WAKE ISLAND Hy 29.96 124 T, H1N1 WAKE ISLAND Hy 29.87 124 T, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like STHS Stebnicka Huta, STHS Stebnicka Huta, STHS Stebnicka Huta, etc.

ISCJB 19 07:48:02.8,0.5,11.26N:0.03:62.17W,0.03, h130km,5km,

Error ellipse: s-maj=6.0km s-min=3.3km az=44.5
TRN 19 07:48:04.3, 11:27N, 62:10W, h131km, MD4.0
FUNV 19 07:48:05.4, 11:21N, 62:08W, h122km, MW3.5
ISC 19 07:48:02.0, 1, 3, 11:22N, 0:04, 62:13W, 0:04, h143km, gkm,
n32, c1871/58, 4C-2D, Windward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like GUIV Guiria, TCE Chachachare, TRN Trinidad (W), etc.

BUI 19 07:48:02.7, 8:38S, 123:82E, h228km, mb5.0/72, mB4.8/37
GCMT 19 07:48:09.7, 0.4, 8:10S, 123:27E, h236km, 3km, MW5.3/72.
Moment Tensor Solution. s47, c53; s72, c93; Duration:
1s1 Moment tensor: Scale 10^17Nm; Mrr, 0.92e+06;
Mss, -0.46e+06; Mss, -0.45e+07; Mss, 0.73e+06; Mss, -0.47e+06;
Mss, -0.46e+07; Best double couple: Mss, 1.8300e+1017
NP1, 0.77, 0.00000, 0.61, 0.00000, 1.122, 0.00000; NP2:
0.204, 0.00000, 0.42, 0.00000, 1.46, 0.00000; Principal axes: T
1, 3.950, P1g2, 0.00000, Az=153.00000, N=0.4240,
P1g2, 0.00000, Az=240.00000, P=0.9710, P1g1, 1.00000,
Az=114.00000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

ISCJB 19 07:48:09.5, 0.2, 7.88S, 0:02, 123:30E, 0:02, h243km, 2km,
mb5.1/179 Error ellipse: s-maj=2.9km s-min=2.4km
az=38.1

NEIC 19 07:48:09.7, 0.3, 7:82S, 123:28E, h229km, 3km, mb5.3/16,
Error ellipse: s-maj=4.0km s-min=2.9km az=51.0

KLM 19 07:48:10.4, 8:00S, 123:20E, h216km, mb5.3
DJA 19 07:48:10.6, 0.1, 8:5S, 1:12, 3E, h227km, 1km, M5.2/69,
mb5.3/69, mb5.6/39, MLV5.7/12, Mw(mB)5.1/39

MOS 19 07:48:10.2, 1.1, 7:74S, 123:24E, h244km, mb5.1/59, Error
ellipse: s-maj=5.3km s-min=3.2km az=102.9
P1g2, 0.00000, Az=240.00000, P=0.9710, P1g1, 1.00000,
Az=114.00000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

IDC 19 07:48:11.4, 0.8, 7:83S, 123:32E, h246km, mb6.6/40,
mb1.4, 7.44, mb1mx4.7, mb1mp5.2/44, Error ellipse:
s-maj=7.7km s-min=5.3km az=60.0

ISC 19 07:48:10.0, 0.4, 7.90S, 0:03, 123:27E, 0:03, h236km, 3km,
n1035, c1820/109, mb5.1/176, 18C-10D, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MMRI Maumere, SOEI Soe, BATI Baumat, etc.

Table with columns: BBLI Banjarbaru, BLJI Banyuwangi, GMJI Gempu, FAKI Fak Fak, etc. Lists stations and their coordinates.

Table with columns: MANU Manus Island, MNSI Mandailing Nat, CTA Charters Tower, etc. Lists stations and their coordinates.

19d 7h

2011 AUG

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CNB, CMAI, GYA, WHN, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like H11S1, JIRN, GUN, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TYV, TLY, MOY, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes entries like UOSS Minazif, HATD Hatta, ASHO Ashiyah, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes entries like CAST Castle Rocks, BRTR Keskin Array B, BR131 Keskin Array S, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes entries like MSO Missoula, MSO Missoula, FMP Fort MacArthur, etc.

19d 7h

Table with columns: Property ID, Name, Address, Price, Acres, Status, Date, and other details. Includes entries like PV04 Paradox Valley, K22A Casper, K22C Casper, etc.

2011 AUG

Table with columns: Property ID, Name, Address, Price, Acres, Status, Date, and other details. Includes entries like E36A McGregor, BGNE Belgrade, B3GNE Bongrade, etc.

908

Table with columns: Property ID, Name, Address, Price, Acres, Status, Date, and other details. Includes entries like U34A Anderson Ranch, L38A Oak Wood Farm, J39A Deodar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for codes Z36A through 244A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for codes OXF through 244A, including a large section for Turkey (n12, 0939/23) and Western Caucasus (n11, 0538/22).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains station data for codes az=36.7 through 244A, including a large section for Western Caucasus (n11, 0538/22) and some additional station entries.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNAS Manas, JBG Jabagly, AML Almayashu, IUG luzhnay, MRKS Merke, ARLS Aral, ARS Aral, ARS Aral, EKS2 Erkin-Say, KK31 Karatay Array, KK31 1.6nm,0.2s, AAK Ala-Archa, AAK Ala-Archa, TKM2 Tokmak 2.

ISC/JB 19 08:50:45.5±1.3, 39.08N±0.05±142.2E±0.1, h44km±11km, mb3.5/2, Error ellipse: s-maj=18.4km s-min=6.8km

JMA 19 08:50:45.9±0.1, 39.09N±142.15E, h45km±1km, M4.0, JMA Feit II J1.

IDC 19 08:50:48.6±13.0, 38.98N±142.23E, h72km±93km, mb3.2/2, mb1 3.4/4, mb1mx3.1/60, mbtmp3.5/4, ML2.8/2, Error ellipse: s-maj=176.5km s-min=29.8km az=75.0

ISC 19 08:50:44.2±1.9, 39.03N±0.05±142.23E±0.10, h29km±11km, n21, c202/22, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OFUJ Ofunato, MIYJ Miyakonagasawa, JMK Ichinoseki, JOM Ohasama, JIO Ouri, JTH Tanohata, JRG Rokugo, JOU Okura, JANG Nango, JYK Kaneyama, MJAR Matsushiro Arr, MAT Matsushiro, MAT Ussuriysk Arr, H1N2 WAKE ISLAND Hy 28.69 125 T, H1N1 WAKE ISLAND Hy 28.70 125 T, H1N3 WAKE ISLAND Hy 28.71 125 T, H1S1 WAKE ISLAND Hy 29.48 127 T, H1S3 WAKE ISLAND Hy 29.48 127 T, H1S2 WAKE ISLAND Hy 29.49 127 T, ZALV Zalesovo Beam 41.07 311 P, WRA Warramunga Arr 59.13 189 P.

TIF 19 08:58:36.1, 42.57N±42.97E, h5km±1km, ISC/JB 19 08:58:37.2±0.8, 42.6N±0.1±43.00E±0.06, h14km±15km, Error ellipse: s-maj=18.1km s-min=5.7km az=15.2

CSEM 19 08:58:37.1±0.3, 42.53N±43.00E, h5km, ML2.1, Error ellipse: s-maj=6.2km s-min=4.6km az=20.0

DDA 19 08:58:37.5±1.1, 42.26N±40.49E, h5km, M2.6, ISC 19 08:58:37.2±1.1, 42.52N±0.05±42.99E±0.03, h6km±11km, n13, c055/26, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ONI Oni, CHVG Ch'k'valeri, AKH Akhalkalaki, BGD Bogdanovka, BDC Borecka, DBOC Borecka, ARTV Artvin, PMAFR Mafra, PFVI Vila Bisbo.

MDD 19 09:02:15.7±2.7, 37.67N±15.39W, h0km, mb3.7/9, Error ellipse: s-maj=23.7km s-min=19.8km az=51.0, PFXIMO

INMG 19 09:02:17.5±1.2, 37.51N±15.78W, h10km, ML2.6, Error ellipse: s-maj=9.1km s-min=7.0km az=67.0

CSEM 19 09:02:20.6±0.5, 37.96N±14.96W, h10km, ML3.3/5, Error ellipse: s-maj=6.6km s-min=7.4km az=69.0

ISC 19 09:02:16.8±3.9, 37.79N±15.2W±0.2, h10km, n62, c138/94, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PMAFR Mafra, PMAFR Mafra, PMAFR Mafra, PFVI Vila Bisbo.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PFVI Vila Bisbo, PTEO Sao Teotonia, MORF Marquete, PNCL Nicolau / Gran, MESJ Messejana, MESJ Messejana, MESJ Messejana, PCVE Castro Verde, PCVE Castro Verde, PCVE Castro Verde, EVO Evora, EVO Evora, PBDV Barranco-Do-Ve, PBDV Barranco-Do-Ve, PBDV Barranco-Do-Ve, PVAQ Vaqueiros, PVAQ Vaqueiros, PVAQ Vaqueiros, PESTR Estremoz, PESTR Estremoz, EGRO El Granado, EGRO El Granado, EGRO El Granado, PMRV Marv??o, PMRV Marv??o, PMRV Marv??o, PBAR Barrancos, PBAR Barrancos, PBAR Barrancos, EBAD Badajoz, EBAD Badajoz, EBAD Badajoz, POLO Lamas de Olo, POLO Lamas de Olo, POLO Lamas de Olo, EMIN Mina Concepcio, EMIN Mina Concepcio, EMIN Mina Concepcio, PGAV Gaveiria, Arco, PGAV Gaveiria, Arco, ELOB Lobos, ELOB Lobos, ELOB Lobos, ELOB Lobos, EMAZ Mazaricos, EMAZ Mazaricos, EMAZ Mazaricos, MVO Moncorvo, MVO Moncorvo, MVO Moncorvo, MVO Moncorvo, MVO Moncorvo, MVO Moncorvo, EAGO Agolada(Pontev), EAGO Agolada(Pontev), EAGO Agolada(Pontev), ECAL Calabaz, ECAL Calabaz, ECAL Calabaz, ECAB ECAB, ECAB ECAB, ECAB ECAB, ECAB ECAB, EPON Pontenova, EPON Pontenova, EPON Pontenova, EADA Adamuz, EADA Adamuz, EADA Adamuz.

GUC 19 09:03:10.8±0.5, 36.09S±73.55W, h23km±4km, ML3.9, 4C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COCH Cobquecura, CCHI Chilian, CCHI Talca, G005 Hualaeso, RCDM Rincónada Maip, RCDM Cerro Calan, PEL Peldehue, FCH Farellones.

NNC 19 09:06:23.5±4.7, 38.12N±71.52E, h0km, mb3.5, mpv3.1, 3C-2D, Error ellipse: s-maj=42.4km s-min=18.4km az=141.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZET Dzerino, MNAS Manas, KK31 Karatay Arr, KK31 Karatay Arr.

MOS 19 09:24:29.5±0.7, 52.63N±159.72E, h36km, mb4.2/1, Error ellipse: s-maj=11.1km s-min=5.7km az=94.8

KRSC 19 09:24:28.0±1.2, 52.56N±159.73E, h56km±12km, ML4.1, 1D, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPN Mys Shipunski, SPN Mys Shipunski, NLC Nalytchevo, NLC Nalytchevo, DALK Dainy, DALK Dainy, PET Petropavlovsk, PET Petropavlovsk, UGLR Ugl'ovaya, UGLR Ugl'ovaya, UGLR Ugl'ovaya, RUS Russkaya, RUS Russkaya, SDLR Sedlovina, SDLR Sedlovina, SMAR Somma, SMAR Somma, AVH Avacha, AVH Avacha, AVH Avacha, KRER Koryakskii, KRER Koryakskii, KOK Koryak, KOK Koryak, KRX Arik, KRX Arik, KRX Arik, MTRV Mutnovka, MTRV Mutnovka, MTRV Mutnovka, KRMR Karymshinskiy, KRMR Karymshinskiy, GRL Gorelyy, GRL Gorelyy, ASAK Asacha, ASAK Asacha, KII Karymskiy, KII Karymskiy, GNL Ganaly, GNL Ganaly, GNL Ganaly, APC Apacha, APC Apacha, APC Apacha, MKZ Mys Kozlova, MKZ Mys Kozlova, MKZ Mys Kozlova, TUMR Tumrok, TUMR Tumrok, SKR Severo-Kuril's, SKR Severo-Kuril's, KMNr Kamenistaya, KMNr Kamenistaya, KIRR Kirishev, KIRR Kirishev, ESO Eso, ZLN Zelenaya, ZLN Zelenaya, KBG Krutoberegovo, SMKR Semkarok, SMKR Semkarok, SRKR Sorokina, SRKR Sorokina, BKI Bering, BKI Bering, BKI Bering.

IDC 19 09:27:47.7±1.3, 59.47N±27.29E, h0km, mb1 3.2/4, mb1mx3.1/32, mbtmp3.1/4, ML2.9/4, Error ellipse:

19d 11h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ARAO, ARCS, AREO, ARES, etc.

NIED 19 09:58:00, 39.60N, 142.10E, h53km, Mw3.9. Best double couple: M8.63000-0.014, NP1.8209 00000: 8.18, 000000, 1.98, 00000: NP2.8209 00000: 8.73, 00000: 8.87, 000000.

ISCJB 19 09:58:14.5-0.7, 39.65N, 0.03-142.22E, 0.09, h50km, 5.5km, mb3.8, 111, MS3.2/2, Error ellipse: s-maj=12.3km s-min=5.4km az=9.9

JMA 19 09:58:15.8, 39.64N, 142.11E, h48km, 1km, M3.8 JMA Fell II J1.

ISC 19 09:58:21.1-2.9, 39.58N, 141.94E, h98km, 27km, mb3.5/11, mb1.3/7.14, mb1mx3.5/46, mbtmp3.8/14, MS3.0/4, Ms1.2/9.4, mb1mx2.6/31, Error ellipse: s-maj=24.1km s-min=16.6km az=89.0

ISC 19 09:58:15.2-1.2, 39.62N, 0.04-142.25E, 0.09, h43km, 10km, n37, r1548/37, mb3.9/11, Near east coast of eastern Honshu

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

2011 AUG

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

IDC 19 10:06:34.0-0.8, 1.99N, 126.66E, h0km, mb4.1/8, mb1.4/2.9, mb1mx3.9/38, mbtmp4.1/9, ML4.2/1, MS3.3/1, Ms1.3/3.1, ms1mx2.5/31, Error ellipse: s-maj=72.4km s-min=16.5km az=78.0

ISCJB 19 10:06:38.7-0.6, 1.96N, 0.09-126.6E, 0.2, h47km, mb4.1/13, MS3.1/1, Error ellipse: s-maj=25.9km s-min=10.0km az=162.1

NEIC 19 10:06:38.1-0.4, 1.98N, 126.64E, h35km, mb4.1/4, Error ellipse: s-maj=18.6km s-min=7.8km az=68.0

ISC 19 10:06:40.5-0.7, 2.0N, 0.1-126.7E, 0.2, h47km, n22, 0.065/16, mb4.2/13, Northern Molucca Sea

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

ISK 19 10:07:47.7, 37.32N, 28.22E, h0km, MD2.6 ISCJB 19 10:07:48.6, 0.5, 37.30N, 0.03-28.19E, 0.03, h0km, Error ellipse: s-maj=4.8km s-min=3.2km az=8.0

CSEM 19 10:07:48.4-0.3, 37.32N, 28.19E, h2km, MD2.6, Error ellipse: s-maj=6.2km s-min=4.6km az=5.0, Suspected Mining explosion.

DDA 19 10:07:49.4, 37.29N, 28.15E, h7km, MD2.8, Suspected Mining explosion.

ISC 19 10:07:47.5-0.9, 37.32N, 0.03-28.11E, 0.03, h0km, n28, 0.098/48, Turkey

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

IDC 19 10:35:47.6-1.8, 14.41N, 145.83E, h91km, 17km, mb3.3/6, mb1.3/5.6, mb1mx3.2/33, mbtmp3.6/6, Error ellipse: s-maj=39.3km s-min=20.5km az=97.0, Mariana Islands

912

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

CSEM 19 10:35:47.8-0.6, 34.63N, 32.89E, h15km, ML3.2, Error ellipse: s-maj=11.9km s-min=5.5km az=171.0

ISK 19 10:35:47.5, 34.72N, 32.63E, h24km, MD2.9 NIC 19 10:35:48.4-0.2, 34.55N, 32.90E, h10km, ML3.2 ISC 19 10:35:48.5-1.9, 34.7N, 0.1-32.89E, 0.04, h16km, 3km, n18, 0.059/28, Cyprus region

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

MEX 19 10:48:17.6-0.5, 15.19N, 95.18W, h20km, 16km, MD3.8, Near coast of Oaxaca

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

ISCJB 19 10:51:18.2-1.0, 31.83N, 104.115W, 0.1, h12km, Error ellipse: s-maj=13.4km s-min=4.6km az=166.8

ECX 19 10:51:19.5-0.3, 31.83N, 115.07W, h8km, MD1.8, ML2.1 MEX 19 10:51:19.0-0.4, 31.83N, 115.03W, h7km, 5km, MD3.5 ISC 19 10:51:15.9-1.9, 31.84N, 104.115W, 0.2, h12km, n7, 0.058/12, 1D, Gulf of California

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

IDC 19 10:52:23.9-1.9, 5.67S, 150.85E, h133km, 54km, mb3.5/4, mb1.3/6.5, mb1mx3.2/36, mbtmp3.9/5, MS3.0/1, Ms1.3/0.1, ms1mx2.5/21, Error ellipse: s-maj=72.1km s-min=63.1km az=26.0, New Britain region

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

IDC 19 11:00:05.8-9.1, 16.21S, 164.25E, h0km, mb3.8/4, mb1.3/9.5, mb1mx3.7/31, mbtmp3.8/5, ML3.4/1, Error ellipse: s-maj=171.8km s-min=37.8km az=44.0, Vanuatu Islands region

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

CSEM 19 11:06:46.8-2.1, 43.74N, 133.03E, h10km, MD1.3, Error ellipse: s-maj=77.6km s-min=12.9km az=111.0

ROM 19 11:06:55.3-0.1, 43.38N, 125.0E, h8km, 1km, Md1.3/3, M10.5/2, Error ellipse: s-maj=0.6km s-min=0.3km az=81.0, Central Italy

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

19d 11h

Table with columns for flight codes (e.g., HIA, BILL, BIL), destinations (e.g., Hailar, Bilibino), times, and status indicators (e.g., P, S, M, L, R).

2011 AUG

Table with columns for flight codes (e.g., WHN, RSO, KDK), destinations (e.g., Redoubt South, Kodiak Island), times, and status indicators (e.g., P, S, M, L, R).

914

Table with columns for flight codes (e.g., CD2, HYT, GYA), destinations (e.g., Haines Junction, Guiyang), times, and status indicators (e.g., P, S, M, L, R).

Table with columns: Station, Frequency, Power, Class, and other details. Includes stations like CHTO Chiang Mai, KSM Kuching, WALA Water Lakes, etc.

Table with columns: Station, Frequency, Power, Class, and other details. Includes stations like F10A Beach Ranch, WDC Whiskeytown, WDC Whiskeytown, etc.

Table with columns: Station, Frequency, Power, Class, and other details. Includes stations like KONS IAMB, FWXY Fox Creek, RLMT Red Lodge, etc.

19d 11h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KNB Kanab, PKCU Pink Cliffs, BELC Belle Mtn. Jos, etc.

2011 AUG

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SUE Sulen, SUE comp=Z,40nm,0.7s, SUE comp=Z,404nm,18.4s, etc.

916

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CHVG Ch'k'valeri, I37A Lemond, Waseca, H38A Maiden Rock, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KHEZ Kahui Hut, ANWZ Angora Road, and WRA Warrungarra Arr.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GADA Gvkgeada, ENEZ Enez, and BUC 19 11:55:47.30.4.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SONM Songino Array, H11S1 WAKE ISLAND HY, and PSCH Puerto Saavedr.

ISCJB 19 11:55:42.70.4, 40.41N:26.13E:0.04, h9km, 5km, Error ellipse: s-maj=5.0km s-min=3.9km az=5.3

19d 14h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JAY Jayapura, MBWA Marble Bar, STKI Sintang, etc.

ISCJB 19 13:16:07.0, 0.6, 41.98N, 0.03, 15.95E, 0.07, h29km, 4km, Error ellipse: s-maj=9.2km s-min=5.3km az=163.7

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

2011 AUG

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PALZ Palazzo San Ge, VULT Monte Vulture, etc.

MAN 19 13:27:55.8, 48N, 126.19E, h128km, mb4.1, ML2.9, MS2.6, 2C, Mindanao

ISC 19 13:45:29.3, 4.5, 35.89N, 70.57E, h116km, 31km, mb3.7/8, mb1 3.7/13, mb1mx3/4.59, mbtmp4.1/13, MS3.6/2

ISC 19 13:45:30.1, 0.8, 36.12N, 0.07, 70.50E, 0.07, h110km, n26, e2507/30, mb4.0/7, 4C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MNAS Manas, KK31 Karatay Array, AAK Ala-Archa, etc.

ISCJB 19 13:50:09.2, 0.5, 39.92N, 0.03, 33.09E, 0.04, h0km, Error ellipse: s-maj=4.9km s-min=3.9km az=15.3

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

920

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AFSR Afar-Bala (A), AFSR Kaman, KAMT Kama, etc.

ISCJB 19 13:52:58.0, 0.5, 1.82S, 0.08, 67.79E, 0.09, h15km, mb4.1/20, MS3.7/21, Error ellipse: s-maj=14.0km s-min=10.9km az=37.6

NEIC 19 13:52:59.6, 0.4, 1.85S, 67.77E, h10km, mb4.5/4, Error ellipse: s-maj=12.7km s-min=9.9km az=134.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like H0B2N Diego Garcia H, H0B3N Diego Garcia H, H0B1N Diego Garcia H, etc.

ISC 19 14:11:09.6, 24.0, 14.92S, 172.55W, h0km, mb4.2/4, mb1 4.3/4, mb1mx3.7/4.5, mbtmp4.2/4.0, Samoa Islands

Table with columns: STKA, WRA, ASAR, NIED, IDC, JMA, NEIC, ISC. Includes station names like Stephens Creek, Warramunga Arr, Alice Springs and their coordinates and parameters.

NIED 19 14:21:00, 35.70N, 141.40E, h17km, Mw4.0. Best double couple: M1: 16000.019, NP1: 298.00000, 88.00000, 1-189.00000, NP2: 197.00000, 88.00000, 1-82.00000

IDC 19 14:12:07.0-0.8, 35.67N, 141.35E, h0km, mb3.9/9, mb1 4.1/1, mb1mx3.9/46, mbtmp3.9/11, ML3.5/2, MS3.3/9, Ms1 3.4/9, ms1mx3.0/45, Error ellipse: s-maj=24.3km s-min=16.7km az=91.0

JMA 19 14:21:10.7-0.2, 35.74N, 141.44E, h9km, 3km, Mb3.7
NEIC 19 14:21:12.8-0.6, 35.64N, 141.45E, h35km, mb4.1/1, Error ellipse: s-maj=12.2km s-min=9.6km az=63.0

ISC 19 14:21:10.0-2.1, 35.71N, 141.40E, h13km, 12km, n41, r1926/36, mb3.9/10, MS3.4/8, Near east coast of eastern Honshu

Main table for station data in the eastern Honshu region, listing stations like CHOSI, NAGARA, HITACHI, YASATO, BOZO, KAWAUCHI, MATSUHISHI ARR, etc.

IDC 19 14:24:49.9-1.3, 6.55S, 145.14E, h0km, mb3.9/3, mb1 4.1/5, mb1mx3.7/33, mbtmp3.8/5, ML3.7/1, MS2.8/1, Ms1 2.8/1, ms1mx2.3/31, Error ellipse: s-maj=34.2km s-min=24.9km az=72.0, New Guinea

Table for station data in the New Guinea region, listing stations like PORT MORESBY, WARRAMUNGA ARR, ALICE SPRINGS, etc.

ISC 19 14:29:00.1, 39.20N, 127.56E, h8km, MD2.7
ISCJB 19 14:29:01.2-0.6, 39.05N, 127.50E, h0km, Error ellipse: s-maj=5.4km s-min=5.1km az=149.4
CSEM 19 14:29:02.4-0.4, 39.07N, 127.56E, h18km, MD2.7, Error ellipse: s-maj=7.4km s-min=6.3km az=37.0
DDA 19 14:29:02.8, 39.09N, 127.58E, h7km, Md2.4, Suspected Mining explosion

Table for station data in the eastern Honshu region, listing stations like AKS, BALY, DEMIRCI, URLA, etc.

Table for station data in the Molucca Sea region, listing stations like URLA, KULA, KULA-MANISA, etc.

IDC 19 14:31:28.4-2.1, 5.86S, 151.70E, h0km, mb3.2/3, mb1 3.6/4, mb1mx3.4/24, mbtmp3.4/4, ML1.6/1, Error ellipse: s-maj=136.3km s-min=26.3km az=129.0, New Britain region

Table for station data in the New Britain region, listing stations like PORT MORESBY, WARRAMUNGA ARR, ASAR, ILAR, TORDI, etc.

SJA 19 14:33:09.5-0.7, 24.15S, 67.21W, h193km, 22km, ML2.6
ISCJB 19 14:33:11.0-0.5, 24.13S, 67.20W, h178km, Error ellipse: s-maj=13.9km s-min=4.1km az=43.2
GUC 19 14:33:12.7-0.2, 24.09S, 67.58W, h206km, 13km, ML1.3
ISC 19 14:33:11.1-1.2, 24.21S, 67.17W, h0.07, h178km, n13, r131/23, 2C-1D, Chile-Argentina border region

Main table for station data in the Chile-Argentina border region, listing stations like SAN LORENZO, HUMAHUAHA, AZAP, LVC, FSA, IPOC STATION P, etc.

MAN 19 14:48:56, 9.71N, 121.66E, h31km, mb4.3, ML3.1, MS2.9, 1C-1D, Sulu Sea

Table for station data in the Sulu Sea region, listing stations like SNPH, RCP, LLP, PAGZ, etc.

IDC 19 14:52:34.3-2.9, 6.44S, 147.12E, h0km, mb3.2/2, mb1 3.4/4, mb1mx3.2/35, mbtmp3.2/4, ML3.1/1, Error ellipse: s-maj=59.6km s-min=32.5km az=84.0, Eastern New Guinea region

Table for station data in the Eastern New Guinea region, listing stations like PORT MORESBY, WARRAMUNGA ARR, ALICE SPRINGS, FITZ, TORDI, etc.

IDC 19 15:01:20.0-1.0, 0.48N, 126.50E, h0km, mb3.8/6, mb1 3.9/7, mb1mx3.6/49, mbtmp3.8/7, ML3.4/1, Error ellipse: s-maj=93.5km s-min=17.2km az=70.0, Northern Molucca Sea

Table for station data in the Northern Molucca Sea region, listing stations like FITZ, WRA, ASAR, STKA, SONM, KURBB, AKTO, etc.

JMA 19 15:07:08.1-0.1, 38.81N, 142.02E, h46km, 1km, M3.5, Near east coast of eastern Honshu

Table for station data in the eastern Honshu region, listing stations like OFUJ, JIU, JOM, JOU, JRG, JYK, etc.

Table for station data in the Mendoza Province region, listing stations like JMM, MARUMORI, etc.

ISCJB 19 15:13:25.4-0.8, 32.51S, 0.03, 69.71W, h0.04, h123km, 7km, Error ellipse: s-maj=7.0km s-min=4.3km az=42.3
GUC 19 15:13:25.5-0.4, 32.49S, 69.84W, h18km, 6km, ML2.8
SJA 19 15:13:25.5-1.4, 32.47S, 69.67W, h18km, 6km, ML2.8, WVG 2

ISC 19 15:13:25.1-1.7, 32.51S, 0.05, 69.71W, 0.04, h126km, 11km, n21, r1540/42, 1C-3D, Mendoza Province

Main table for station data in the Mendoza Province region, listing stations like USPALLATA, CERRO ARCO, SALAGASTA, etc.

CSEM 19 15:13:34.9-0.3, 50.15N, 19.14E, h1km, Error ellipse: s-maj=7.7km s-min=4.5km az=1.0
PRU 19 15:13:35.5, 50.14N, 19.16E, h0km, Poland

Table for station data in the Poland region, listing stations like OJC, OKC, OKK, etc.

MAN 19 15:17:49, 18.97N, 121.33E, h14km, mb4.4, ML3.2, MS3.1, 1C, Luzon

Table for station data in the Luzon region, listing stations like SGCP, CAUP, etc.

MOS 19 15:18:52.0-0.5, 54.97N, 162.44E, h31km, mb4.3/1, Error ellipse: s-maj=8.8km s-min=5.8km az=82.3
KRSC 19 15:18:50.2-0.6, 54.93N, 162.51E, h46km, 12km, ML4.2, Near east coast of Kamchatka Peninsula

Main table for station data in the Kamchatka Peninsula region, listing stations like MKZ, KZV, KBG, etc.

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

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

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

SJA 19 16:34:57.9, 0.3, 33.295; 72.62W, h65km, 76km, ML3.1, MW3.5

GUC 19 16:35:00.7, 0.5, 33.395; 71.87W, h82km, 66km, ML2.9

ISC 19 16:35:00.8, 3.3, 33.535; 0.110, 79W.0.1, h25km, 16km, n17, f163/27, 2C, Near coast of central Chile

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

ISC/JB 19 16:38:09.6, 0.8, 62.7S; 0.1x158.2W; 0.3, h10km, mb4.4/6, MS3.8/10, Error ellipse: s-maj=19.0km s-min=14.7km

ISC 19 16:38:10.0, 1.5, 62.61S; 158.00W, h0km, mb3.8/3, mb1.4/1.4, mb1mx3.8/28, mbtmp3.8/4, ML3.7/1, MS3.8/11, Ms1.3/7.11, ms1mx3.6/20, Error ellipse: s-maj=49.7km s-min=33.0km az=7.0

NEIC 19 16:38:12.0, 0.1, 6.2, 85S; 158.25W, h10km, mb4.1/3, Error ellipse: s-maj=25.6km s-min=19.0km az=49.0

GCMT 19 16:38:12.0, 0.4, 63.07S; 158.00W, h25km, 2km, MW4.9/62, Moment Tensor Solution, s27, c32, s62, c76, Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.68z; 20; Mw=2.81z; 20; Mo=2.14z; 15; Ma=0.53z; 41; Mb=1.11z; 14; M0=0.29z; 36; Best double couple: M2 78000; NP1=122.00000; 86.00000; 1-14.00000; NP2=123.00000; 87.00000; 1-17.00000; Principal axes: T 3.1030, Plg7.0000; Azm168.0000; N -0.6400; Plg75.0000; Azm286.0000; P -2.4680, Plg13.0000; Azm77.0000; nst1 refers to body waves, cutoff=40s.

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

ISC 19 16:46:34.6, 7.8, 6.22S; 146.83E, h81km, 71km, mb2.6/1, mb1.3/2.4, mb1mx3.0/46, mbtmp3.3/4, ML3.4/2, Error ellipse: s-maj=70.4km s-min=56.7km az=113.0, Eastern New Guinea region

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

NIED 19 16:49:00.36, 50N, 142.00E, h5km, Mw4.1 Best double couple: M1.74000; 1015; NP1=76.00000; 87.00000; 172.00000; NP2=174.00000; 889.00000; 183.00000; ISC/JB 19 16:49:17.8, 0.5, 36.47N; 0.03; 142.03E; 0.05, h10km, mb4.0/1.4, MS3.5/2, Error ellipse: s-maj=5.3km s-min=3.8km az=177.6

JMA 19 16:49:18.4, 0.4, 36.51N; 141.96E, h8km, 5km, M4.2

ISC 19 16:49:19.1, 0.8, 36.46N; 141.85E, h0km, mb3.9/12, mb1.4/1.15, mb1mx3.8/56, mbtmp4.0/15, ML4.0/3, MS3.2/4, Ms1.3/2.4, ms1mx2.7/59, Error ellipse: s-maj=20.9km s-min=15.7km az=95.0

NEIC 19 16:49:23.4, 0.7, 36.43N; 141.96E, h3km, mb4.4/2, Error ellipse: s-maj=15.3km s-min=11.3km az=112.0

ISC 19 16:49:20.1, 0.6, 36.48N; 0.04; 141.91E; 0.06, h10km, n47, f137/47, mb4.1/14, Near east coast of eastern Honshu

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

19d 17h

Table listing station codes (e.g., H1N3, ENH, H1S1), station names (e.g., WAKE ISLAND Hy, Enshi), and various parameters like frequency, power, and coordinates.

NIED 19:16:51.00,36.50N,141.90E,h11km,Mw3.9 Best double couple: M1=0.23000°/1014 NP01s/179.00000°,δ23.00000°,λ-67.00000°...

ICD 19:16:51.13.6.1.4,36.50N,142.01E,h0km,mb4.17,mb1.4/1.0,mb1mx3.9/5.5,mbtmp4.1/1.0,ML3.7/3,MS3.4/3,Ms1.3/3,ms1mx2.7/5.6,Error ellipse: s-maj=30.4km s-min=19.2km az=76.0

ISCJB 19:16:51.14.4.0.7,36.43N,142.06E,0.07,h19km,mb4.0/8,MS3.5/3,Error ellipse: s-maj=7.7km s-min=5.2km az=3.3

JMA 19:16:51.14.5.0.3,36.52N,141.87E,h0km,M4.2

NEIC 19:16:51.18.8.1.0,36.47N,142.02E,h35km,mb4.1/1,Error ellipse: s-maj=17.8km s-min=12.6km az=74.0

ISC 19:16:51.15.9.1.1,36.50N,142.02E,0.09,h19km,n33,r=164/30,mb4.1/8,MS3.4/3,Off east coast of Honshu

Main table listing station codes, station names, and various parameters for stations located on the east coast of Honshu.

2011 AUG

Table listing station codes (e.g., CISI, MNSI, GSI), station names (e.g., Cisompot, Garu, Mandaling Nat), and various parameters.

IDC 19:17:03.57.1.5.4,4.55S,150.19E,h165km,43km,mb3.1/3,mb1.3/4,mb1mx3/0.2,mbtmp3.6/4,Error ellipse: s-maj=94.4km s-min=40.8km az=128.0,New Britain region

ICD 19:17:07.28.1.2.5,37.95N,143.53E,h0km,mb3.7/3,mb1.3/7,mb1mx3/4.59,mbtmp3.5/4,ML3.1/1,Error ellipse: s-maj=66.0km s-min=29.7km az=70.0

ISCJB 19:17:07.31.3.1.1,37.70N,143.21E,0.09,h19km,mb3.7/3,Error ellipse: s-maj=10.8km s-min=7.4km az=14.8

JMA 19:17:07.32.4.0.4,37.72N,143.16E,h33km,M3.4

ISC 19:17:07.31.2.1.5,37.80N,143.3E,0.11,h9km,n18,r=159/22,mb3.7/3,Off east coast of Honshu

Table listing station codes, station names, and various parameters for stations in the South Island region.

NEIC 19:17:14.17.8.43,60S,172.77E,h6km,ML4.1(WEL),After WEL

WEL 19:17:14.17.6.0.1,43.60S,172.78E,h7km,ML4.1/44,Mw3.8,9C-2D,Error ellipse: s-maj=1.0km s-min=0.4km az=90.0, South Island

Main table listing station codes, station names, and various parameters for stations in the South Island region.

Main table listing station codes, station names, and various parameters for stations in the North Island region.

19d 19h

Table with columns for call sign, name, frequency, power, and other details. Includes stations like AFMD Forest Hills D, FOO Floro, DLMT Dillon, etc.

2011 AUG

Table with columns for call sign, name, frequency, power, and other details. Includes stations like CWC Cottonwood Cre, PKM McPherson Peak, BMUT Black Mountain, etc.

928

Table with columns for call sign, name, frequency, power, and other details. Includes stations like BBRC Big Bear Solar, P18A Preston Nutter, C31A Landman Farms, etc.

19d 19h

Table with columns for ID, Name, baz, SNR, and values. Includes entries like T34A McClaskey Farm, U33A Lingo Farm, etc.

2011 AUG

Table with columns for ID, Name, baz, SNR, and values. Includes entries like X36A Centrahoma, S42A Caledonia, etc.

930

Table with columns for ID, Name, baz, SNR, and values. Includes entries like 137A Heron Place, G, X41A Kaden, Bauxite, etc.

19d 21h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songoing Array, WRA Warramunga Arr, ASAR Alice Springs.

IDC 19 20:04:30.6:2.6,29.88S:175.98W,h0km,mb3.9/3, mb1.4,1/4,mb1mx3.7/32,mbmp4.0/4,ML3.5/1,MS3.3/2, Ms1.3/2,ms1mx3.7/32,Error ellipse: s-maj=49.0km s-min=35.9km az=109.0

ISCJB 19 20:04:34.3:2.1,30.02S:0109.176:1W,0.2,h33km, mb3.9/3,MS3.4/1,Error ellipse: s-maj=24.2km s-min=10.9km az=163.9

ISC 19 20:04:35.7:2.0,29.9S:01176.1W,0.2,h35km,n7, 0.0598/8,mb4.1/3,Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO Raoul Island, URZ Urewera, DZM Mont Dzumac, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, FINES Finess Array B.

NIED 19 20:08:00.39:30N,142.40E,h38km,Mw3.6 Best double couple: M2.79000x1014 NP1.0s15.00000, 0.13.00000, 1.5.00000, NP2.0s210.00000, 0.889.00000, 1.3.00000

IDC 19 20:08:16.2:2.8,39:37N:143:30E,h38km,mb3.8/2, mb1.3,9/4,mb1mx3.5/44,mbmp3.7/4,ML2.7/2,Error ellipse: s-maj=65.6km s-min=6.8km az=66.0

ISCJB 19 20:08:23.6:1.5,39:25N:0104.142:4E,0.1,h33km,6km, mb3.7/2,Error ellipse: s-maj=6.8km s-min=6.6km az=6.6

JMA 19 20:08:24.0:0.1,39:27N:142:39E,h35km,1km,M3.7

ISC 19 20:08:22.4:2.5,39:23N:0105:142:5E,0.1,h25km,14km, n19,c1563/21,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MIYV Miyakonagasawa, OFUJ Ofunato, JTH Tanohata, JOM Ohasama, JMK Ichinoseki, JZK Kuzumaki, JIO Ouri, JANG Nango, JRJ Rokugo, MJAR Matsuhiro Arr, USRK Ussuriysk Arr, H1N2 WAKE ISLAND Hy 28.64 126 T, H1N1 WAKE ISLAND Hy 28.65 126 T, H1N3 WAKE ISLAND Hy 28.66 126 T, H1S1 WAKE ISLAND Hy 29.43 128 T, H1S3 WAKE ISLAND Hy 29.43 128 T, H1S2 WAKE ISLAND Hy 29.45 128 T, ZALV Zalesovo Beam 41.10 311 P, WRA Warramunga Arr 59.35 189 P.

ISCJB 19 20:08:59.2:0.4,43:69N:0103:105:26W,0.04,h0km,Error ellipse: s-maj=4.4km s-min=3.9km az=167.7

NEIC 19 20:09:00.9:0.6,43:67N:105:23W,h0km,MN3.0,Error ellipse: s-maj=7.3km s-min=6.9km az=67.0,Suspected Mining explosion

NEIC 19 20:09:01.5:1.2,44:05N:105:169W,h0km,mb1.3,8/3, mb1mx3.4/44,mbmp3.5/3,ML3.4/3,Error ellipse: s-maj=26.5km s-min=9.2km az=148.0

ISC 19 20:09:00.0:0.8,43:69N:0103:105:23W,0.03,h0km,n26, c1519/36,Wyoming

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RSSD Black Hills, K22A Casper, PHWY Pilot Hill, LASA Array, Red Lodge, Pinedale Array, Boulder Array, Ogallala, Idaho Springs, Long Hollow, Grant Village, Moose Ponds, Snow King Moun, Redw Red Top Meadow, Indian Meadow, TPAW Teton Pass, White River Ci, Bozenman (W), Hardware Ranch, Eggleton, Paradox Valley, Dugway, ULM Lac du Bonnet, ULM Lajitas Array, NEWPORT INFRAS, TXAR Lajitas Array.

2011 AUG

IDC 19 20:12:55.5:5.1,35:60N:140:160E,h50km,37km,M3.1/2, mb1.3,4/4,mb1mx3.1/43,mbmp3.4/4,ML3.5/2,Error ellipse: s-maj=53.7km s-min=8.7km az=66.0

ISCJB 19 20:12:56.1:0.7,35:66N:0104:140:23E,0.08,h78km,6km, mb3.5/2,Error ellipse: s-maj=11.6km s-min=6.1km az=157.7

JMA 19 20:12:57.6:0.1,35:68N:140:15E,h65km,2km,M2.9

JMA Felt I J1

ISC 19 20:12:57.4:1.2,35:65N:0104:140:22E,0.07,h71km,9km, n16,c1539/24,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JCN Nagara, JCN Yasato, BSO3 Boso 3, JAG Ashikaga, JOD2 Odawara 2, JRY Ryogami san, BSO1 Boso 1, JKT Katashina, JVN Shimob, JYN Oshima 3, JZS Zushimoda, MJAR Matsuhiro Arr, MJAT Matsuhiro, JMH Hachijo jima 2, JHJ, WRA Warramunga Arr, ASAR Alice Springs.

KRSC 19 20:17:51.2:0.9,53:67N:160:93E,h52km,18km,ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SPN Mys Shipunski, KII Karymskiy, MKZ Mys Kozlova, MKL Sedlovina, SDR SDR, SML Somma, UGLR Ugllovaya, KRER Koryakskiy, AVH Avacha, KRX Arik, KOK Koryaka, DALK Dalny, KIZM Kizimen, TUMR Tumrok, GNL Ganaly, KRMR Karymskiy, RUS Russkaya, MUTR Mutnovka, KAMN Kamenistaya, ASAK Asacha, KIRR Kirishev, KPT Kopyto, ZLN Zelenaya, APC Apacha, LGNR Loginova, KOZ Kozryevsk, ESO Esso, KLY Klyuchi, KBG Krutoberegovo, SMKR Semkarok, SRK Sorokina, BKI Bering.

ISK 19 20:18:40.8,40:35N:26:22E,h8km,MD2.6

ISCJB 19 20:18:41.5:0.5,40:39N:0102:26:16E,0.03,h8km,5km, Error ellipse: s-maj=4.5km s-min=3.7km az=22.0

ATH 19 20:18:41.7,40:39N:26:12E,h20km,8km,ML1.6/4,Error ellipse: s-maj=8.7km s-min=0.8km az=298.0

CSEM 19 20:18:41.5:0.1,40:37N:26:19E,h8km,MD2.6,Error ellipse: s-maj=2.9km s-min=2.4km az=99.0

DDA 19 20:18:41.4,40:31N:26:11E,h7km,MD2.6

ISC 19 20:18:41.4:0.9,40:38N:0102:26:17E,0.02,h16km,8km, n33,c062/54,Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GADA Gvkggeada, Enez, Enez, ERIK Eriki-Kesan, SMTH Samothraki Isl, ALN Alexandroupoli, BOZC Bozcaada, RKY Sarkoy-Tekirda, KRK Sarkoy-Tekirda, RKB Karabiga-Canak, KRBA Karabiga-Canak, LIA Limnos Island, RDO Rodhopi, RDO Rodhopi, RDO Rodhopi, RDO Rodhopi.

932

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRK Paraskevi, AYVA Ayvalik, SGR SIGRI, BALLY Balya, EDC Edincik, EDRB Edirne.

ISC 19 20:22:28.4:1.4,45:08N:0104:149E,0.07,h9km,n5, c085/9,Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOJUS Bojanci, NOVJ Novajia, KNDS Knezi Dol, VNS Visnje, CEV Cerknica.

TIF 19 20:51:11.5,42:51N:42:98E,h12km,3km

CSEM 19 20:51:12.8:0.2,42:53N:42:98E,h2km,ML1.8,Error ellipse: s-maj=6.9km s-min=5.5km az=15.0

DDA 19 20:51:31.9,41:62N:42:15E,h7km,MD2.6

ISC 19 20:51:27.1:1.4,42:53N:0104:142:98E,0.03,h10km,10km, n18,c053/32,Western Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ONI Oni, CHVG Ch'k'valeri, EPOS Posof, AKH Akhalkalaki, BGD Bogdanovka, BGD Bogdanovka, BGD Bogdanovka, DGRG David-gareji, DGRG David-gareji.

MEX 19 21:14:29.3:0.5,15:33N:95:96W,h40km,6km,MD3.9, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HUG Huatulco, VHO Vista Hermosa, PNIG Pinotepa, PNIG Pinotepa.

IDC 19 21:22:40.6:1.2,53:66N:163:75W,h0km,mb4.2/26, mb1.4,4/27,mb1mx3.2/56,mbmp4.2/27,ML3.6/1,MS3.4/15, Ms1.3/4,ms1mx3.2/56,Error ellipse: s-maj=30.5km s-min=14.9km az=161.0

ISCJB 19 21:22:41.4:1.2,53:37N:0105:163:58W,0.04,h23km,8km, mb4.3/33,MS3.4/15,Error ellipse: s-maj=8.6km s-min=4.1km az=170.5

NEIC 19 21:22:41.7,53:45N:163:67W,h7km,ML3.9(AEIC),After AEIC

BUI 19 21:22:42.6,54:14N:164:21W,h15km,mb4.7/18,mb4.7/16, Ms4.9/2,Ms7.4/72

ISC 19 21:22:41.9:1.6,53:49N:0107:163:73W,0.04,h13km,8km, n101,c1921/104,mb4.4/39,MS3.5/15,Unimak Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WESE West Dahl East, WESP Westdahl Peak, WESH West Dahl Nor, SSSL Shishaldin Sou, SSSL Shishaldin Wes, SSSL Shishaldin Nor, AKSA Akutan Strait, AKUT Akutan, AKMO Akutan Morgan, AKGG Akutan Green G, AKRB Akutan Reef Bi, UNV Unalaska Valle, UNV, MTBL Makushin Table, DTU Dutton Round H, MSW Makushin Switc, MSW, DTNA Dutton South F, MGOD Makushin Gods, MCIR Makushin Cirqu, DOL Dolgot Island, OKSO Okmok South-4, PVV Pavlov Volcano, OKFG Magazine Ridge, OKTU Okmok Mt. Tuli, OKER Okmok East Rim, OKSO Okmok South, SDP Sand Point, NIKH Nikolski High, NIKH, VNIH Veniaminof I, CHGN Chignik, ANPK Aniakchak Peak, ANPA Saint Paul Is, ILAR Eielson Array, INK Inuvik.

19d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, RAR Rarotonga, NATX Nacodoches.

ISCJB 19 21:55:45.4±0.5, 37:31N±0.06, 137:4E±0.1, h250km, mb3.5/4, Error ellipse: s-maj=12.0km s-min=7.5km

IDC 19 21:55:45.9±1.0, 37:35N±137:63E, h251km, 12km, mb3.2/3, mb1 3.3/3, mb1mx2.8/5.1, mbtmp3.9/3, Error ellipse: s-maj=59.0km s-min=19.9km az=72.0

JMA 19 21:55:46.1±0.3, 37:28N±137:55E, h252km, 3km, M3.1

ISC 19 21:55:45.9±0.9, 37:26N±0.07, 137:52E±0.09, h250km, n19, 0.567/23, mb3.6/4, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JSZ Suzu, JIN Nakama, MAT Matsushiro, etc.

GUC 19 21:56:41.4±0.6, 34:29S±72:17W, h36km, 3km, ML3.5, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NICH Los Niches, TALC Talca, CLCH Cerro Calan, etc.

NIED 19 22:04:00, 44:20N±147:40E, h113km, Mw4.4 Best double couple: Mo:5.02000±0.1015 NP1:0.58.00000, s80.00000, 177.00000. NP2:0.148.00000, s87.00000, 110.00000

BJI 19 22:04:09.2, 44:52N±147:41E, h90km, mb5.0/66, mb4.9/41, IDC 19 22:04:11.1±2.2, 44:45N±147:27E, h85km, 19km, mb4.1/19, mb1 4.3/25, mb1mx4.1/4.1, mbtmp4.5/25, MS2.9/11, Ms1 2.9/11, ms1mx2.8/3/4, Error ellipse: s-maj=15.5km s-min=11.3km az=135.0

ISCJB 19 22:04:11.5±0.3, 44:37N±147:31E±0.04, h102km, 2km, mb4.7/90, Error ellipse: s-maj=6.4km s-min=3.5km az=140.2

MOS 19 22:04:11.4±1.1, 44:43N±147:18E, h99km, mb4.8/9, Error ellipse: s-maj=7.9km s-min=5.5km az=111.6

MOS Felt (H-II) at Malokuril'skoye. JMA 19 22:04:12.7±0.2, 44:13N±147:42E, h95km, 5km, M4.5 JMA Felt II J.

NEIC 19 22:04:12.2±0.6, 44:43N±147:23E, h93km, 5km, mb4.9/22, Error ellipse: s-maj=9.1km s-min=4.8km az=140.0

NEIC Recorded (2 JMA) in eastern Hokkaido. SKHL 19 22:04:12.5±0.4, 44:26N±147:38E, h99km, 1km, mb6.0/3, msh6.8/3

SKHL Felt (III) at Malokuril'skoye. ISC 19 22:04:11.6±0.6, 44:42N±0.04, 147:29E±0.05, h89km, 4km, n306, s144/341, mb4.8/90, 15C-29D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SHO Shikotan, YAK Kuril'sk, KUR Kuratov, etc.

2011 AUG

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JNK Akkeshi, JAK Abashiri-Toko, JTKR Ashorobuto, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HHC comp=Z,100nm,4.6s, HHC comp=Z,700nm,16.2s, HHC comp=Z,550nm,16.2s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSAL Masochi, MRSI Marisa, LUWI Luwuk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JYK Kaneyama, JYA Atsumi, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JYK Kaneyama, JYA Atsumi, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JYK Kaneyama, JYA Atsumi, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KUDL comp=E,98nm,0.6s, BISR Bishrahk, SONA Sohna, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KUDL comp=E,98nm,0.6s, BISR Bishrahk, SONA Sohna, etc.

NIED 19 23:47:00.37:60N.141.70E, h56km, Mw3.9 Best double couple: M=7.06000x1014 NP1.3=53.00000. 848.00000. 1.23.00000. NP2.0=189.00000. 851.00000. 1.59.00000. ...

Table with columns: ZEI, Tsey, 20.80 295 eP, P, 23 53 53.8 -0.2, etc. Includes stations like Bogdanovka, Akhalkalaki, Oni, Sverdllovsk, etc.

Table with columns: CD2, comp=Z,260nm,15.9s, LR, LR, 28.95 322 eP, etc. Includes stations like Moscow, Songoing Array, Keskin MP Arr, etc.

Table with columns: FINES, moldovita, 36.89 298 i/P, P, 23 56 22.9 +2.0, etc. Includes stations like Moldovita, Cervencia-Dubn, Lovozero, etc.

20d 1h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like QSPA, JAGI, JHJ, SDKM, etc.

2011 AUG

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like BELC, ORV, WDC, etc.

940

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like X16A, WVOR, WVOR, etc.

MNTX	comp=Z,25nm,1.2s	85.56	53	P	P	01 37 38.4	-0.1
MNTX	baz=240	85.56	53	eP	P	01 37 38.0	-0.5
MNTX	Cornudas Mount				LR		
D08A	comp=Z,2um,19.0s	85.61	35	eP	P	01 37 38.5	+0.2
LAZ	Willman Farm,						
CN2	comp=Z,32nm,1.4s	85.65	50	eP	P	01 37 40.0	+1.0
CN2	Ladron	85.67	321	eP	P	01 37 37.6	-1.1
CN2	Changchun			SS	SS	01 48 06.3	-2.6
CN2	comp=Z,90nm,1.2s			pmx	pmx	01 53 46.3	0.0
CN2	comp=Z,1um,4.0s				LR		
CN2	comp=Z,400nm,16.0s				LR		
CN2	comp=Z,900nm,16.0s				LR		
E09A	comp=Z,800nm,19.0s	85.68	35	eP	P	01 37 40.1	+1.4
TX31	Wood Farm, Sta						
TXAR	comp=Z,18nm,1.3s	85.70	56	eP	P	01 37 39.9	+0.5
TXAR	Lajitas Ar. Si	85.70	56	eP	P	01 37 39.4	0.0
TXAR	Lajitas Array	85.70	56	eP	P		
TXAR	comp=Z,7.0nm,1.0s,ba=211,slow=4.8,SNR=30				LR	02 09 18.8	
KLR	comp=Z,2um,19.4s,ba=0.0,slow=31	85.74	328	P	P	01 37 39.5	+0.6
KLR	Kul dur	85.74	328	eP	P		
KLR	comp=Z,7.8nm,1.0s,ba=111,slow=3.8,SNR=18				P	01 37 40.5	+1.6
PLCA	comp=Z,6.0nm,1.0s,ba=280,slow=5.1,SNR=5.0	85.78	132	eP	P	01 37 40.0	+0.3
PLCA	comp=Z,2um,18.1s,ba=274,slow=32				LR	02 09 50.8	
PLCA	Paso Flores	85.78	132	eP	P	01 37 40.0	+0.3
PLCA	Beach Ranch, E	85.84	36	eP	P	01 37 40.0	+0.4
SRU	San Rafael Swe	85.84	45	eP	P	01 37 40.8	+0.9
SRU	comp=Z,12nm,1.1s			pmx	pmx		
SRU	San Rafael Sw	85.84	45	eP	P	01 37 40.8	+0.9
SPUT	comp=Z,12nm,1.1s	85.84	42	eP	P	01 37 41.4	+1.5
SPUT	South Promonto						
BNM	comp=Z,17nm,1.5s	85.88	51	eP	P	01 37 41.0	+0.7
HVU	Barren Site	85.88	51	eP	P	01 37 41.0	+0.7
HVU	Hansel Valley	85.91	41	eP	P	01 37 40.7	+0.5
HVU	comp=Z,23nm,2.0s			pmx	pmx		
SNA	comp=Z,33nm,2.0s	85.92	177	eP	P	01 37 40.6	+0.9
SNA	Sanae	85.92	177	eP	P	01 37 40.8	+1.1
SNA	Sanae	85.92	177	eP	P	01 37 39.9	+0.2
VNA3	comp=Z,63nm,1.8s	85.94	175	eP	P	01 37 40.4	+0.7
LPM	Neumayer Olymp	85.96	50	eP	P	01 37 41.8	+1.1
HLID	Los Pinos Moun	85.97	39	eP	P	01 37 41.9	+1.4
HLID	comp=Z,23nm,2.0s						
HLID	Hansel Valley	85.91	41	eP	P	01 37 40.7	+0.5
HLID	comp=Z,33nm,2.0s						
WHN	comp=Z,1um,20.0s	85.98	305	P	S	01 37 41.3	+0.8
WHN	Wuhan			S	P	01 48 06.3	-6.2
WHN	comp=Z,2.40nm,1.4s			pmx	pmx		
WHN	comp=Z,2um,4.9s				LR		
WHN	comp=Z,3um,21.5s				LR		
WHN	comp=Z,2um,14.3s				LR		
WHN	comp=Z,3um,17.8s				LR		
MVCO	Mesa Verde	86.16	47	P	P	01 37 42.9	+1.3
MVCO	baz=238						
MVCO	Mesa Verde	86.16	47	PFAKE	LR	01 37 50.0	+8.4
B08A	comp=Z,2um,19.0s	86.24	33	eP	P	01 37 40.8	-0.7
IPM	Colville Reser	86.24	33	eP	P	01 37 40.8	-0.7
IPM	comp=Z,16nm,1.4s	86.27	276	eP	P	01 37 43.9	+1.2
ANMO	Ipo	86.41	50	eP	P	01 37 43.9	+1.1
ANMO	comp=Z,128nm,1.1s						
ANMO	Albuquerque	86.41	50	eP	P	01 37 42.7	-0.1
ANMO	baz=239			pmx	pmx		
ANMO	Albuquerque	86.41	50	eP	P	01 37 42.2	-0.7
ANMO	comp=Z,227nm,2.5s						
ANMO	Albuquerque	86.41	50	eP	P	01 37 42.2	-0.7
ANMO	comp=Z,10nm,1.0s				LR		
TT01	comp=Z,3um,20.0s	86.42	9	eP	P	01 37 41.1	-0.8
WRAK	Tatalina	86.42	22	PFAKE	LR	01 37 50.0	+8.0
WRAK	Wrangell Islan				LR		
TTA	comp=Z,1um,19.0s	86.44	9	eP	P	01 37 41.4	-0.8
TTA	Tatalina			pmx	pmx		
TTA	comp=Z,76nm,1.6s	86.44	9	eP	P	01 37 41.4	-0.8
LLLB	Tatalina	86.47	31	eP	P	01 37 43.6	+1.1
LLLB	Lillooet						
MA2	comp=Z,47nm,1.8s	86.50	343	P	P	01 37 42.1	-0.3
MA2	Magadan	86.50	343	eP	P	01 37 41.0	-1.4
MA2	comp=Z,5.8nm,0.4s,ba=145,slow=5.4,SNR=9.0	86.50	343	eP	P	01 37 40.7	-1.8
MA2	Magadan				LR		
MA2	comp=Z,96nm,1.0s				LR		
UBPT	comp=Z,2um,20.0s	86.54	288	P	P	01 37 46.2	+2.6
HWUT	Hardware Ranch	86.56	42	PFAKE	LR	01 38 00.0	+1.7
HWUT	comp=Z,2um,20.0s				LR		
VNA1	Neumayer-Stat	86.63	176	P	P	01 37 47.2	+4.1
BMRM	Bremner River	86.70	14	eP	P	01 37 42.9	-0.5
TIA	comp=Z,40nm,1.2s	86.78	311	P	S	01 37 44.5	+0.1
TIA	Tai'an			S	S	01 48 13.4	-6.7
TIA	comp=Z,110nm,1.0s			pmx	pmx		
TIA	comp=Z,1um,8.0s				LR		
TIA	comp=Z,440nm,17.0s				LR		
TIA	comp=Z,780nm,15.0s				LR		
SCM	comp=Z,890nm,18.0s	86.89	13	eP	P	01 37 45.0	+0.6
SCM	Sheep Creek Mo			pmx	pmx		
SCM	comp=Z,115nm,1.8s	86.89	13	eP	P	01 37 45.0	+0.6
KULM	Sheep Creek Mo	86.89	13	eP	P	01 37 45.0	+0.6
KULM	Kulim	86.93	277	eP	P	01 37 46.6	+1.0
KULM	comp=Z,80nm,1.0s				LR		
NEW	comp=Z,572nm,19.0s	87.32	34	PFAKE	LR	01 38 00.0	+1.3
NEW	Newport				LR		
CAST	comp=Z,5um,19.0s	87.49	10	eP	P	01 37 46.0	-1.2
AHID	Castle Rocks	87.50	41	PFAKE	LR	01 38 00.0	+1.2
AHID	Auburn Hatcher				LR		
S22A	comp=Z,2um,20.0s	87.57	47	P	P	01 37 48.2	-0.3
S22A	4UR Ranch, Cre						
MCMT	comp=Z,2um,20.0s	87.62	39	eP	P	01 37 50.4	+1.8
SKL	McKenzie Canyo	87.62	39	eP	P	01 37 52.4	+3.2
SKL	Songkhla	87.68	279	P	P	01 37 52.4	+3.2
KTH	comp=Z,142nm,1.2s,comp=Z,2um	87.81	10	P	P	01 37 48.0	-0.7
KTH	Kantishna Hill						
EFI	comp=Z,48nm,1.5s	87.82	146	PFAKE	LR	01 38 00.0	+1.1
EFI	East Falkland						
SKAG	comp=Z,1um,19.0s	87.87	19	eP	P	01 37 53.0	+4.0
SKAG	Skagway						
FXWY	comp=Z,40nm,1.4s	88.03	41	eP	P	01 37 52.9	+2.3
FXWY	Fox Creek						
RND	comp=Z,6.8nm,1.4s	88.03	11	eP	P	01 37 48.6	-1.2
RND	Reindeer			pmx	pmx		

RND	Reindeer	88.03	11	eP	P	01 37 48.6	-1.2
832A	comp=Z,75nm,1.3s	88.09	58	P	P	01 37 50.4	-0.5
PAF	Faith Ranch, C						
PAF	baz=243	88.11	216	PFAKE	LR	01 38 00.0	+9.4
SMCO	Port-aux-Franc			LR	LR		
SMCO	comp=Z,3um,19.0s	88.21	46	eP	P	01 37 52.8	+1.1
SMCO	Snowmass						
GSI	comp=Z,8.7nm,1.2s	88.24	272	eP	P	01 37 52.6	+0.7
GSI	baz=243						
MCK	comp=Z,268nm,1.0s	88.32	11	eP	P	01 37 50.2	-0.9
MCK	McKinley			pmx	pmx		
MCK	comp=Z,38nm,1.2s	88.32	11	eP	P	01 37 50.2	-0.9
MCK	McKinley						
933A	comp=Z,38nm,1.2s	88.35	59	P	P	01 37 51.8	-0.3
933A	Laredo						
BW06	comp=Z,244	88.44	42	eP	P	01 37 52.9	+0.4
BW06	Boulder Array						
BW06	baz=237	88.44	42	eP	P	01 37 53.6	+1.1
BW06	Boulder Array						
BW06	comp=Z,23nm,1.9s			LR	LR		
PD31	comp=Z,2um,20.0s	88.44	42	eP	P	01 37 54.0	+1.5
PDAR	Pinedale Array	88.44	42	eP	P	01 37 51.4	-1.1
PDAR	Pinedale Array	88.44	42	eP	P		
PDAR	comp=Z,2.1nm,0.9s,ba=224,slow=5.3,SNR=14			LR	LR	02 10 45.5	
SDCO	Great Sand Dun	88.48	48	eP	P	01 37 53.4	+0.5
SDCO	comp=Z,2um,20.0s			LR	LR		
SDCO	comp=Z,2um,19.0s	88.53	289	P	P	01 37 54.4	+1.2
SKNT	Sakolnakorn	88.53	289	P	P	01 37 54.4	+1.2
833A	comp=Z,174nm,1.1s,comp=Z,3um	88.57	59	P	P	01 37 53.4	+0.3
833A	Chaparral WMA,						
034A	comp=Z,2um,20.0s	88.58	60	P	P	01 37 54.4	+1.2
034A	Hebronville						
MSTX	Muleshoe	88.58	52	eP	P	01 37 53.3	+0.1
MSTX	baz=242						
MSTX	Muleshoe	88.58	52	eP	P	01 37 53.5	+0.2
CHMT	comp=Z,73nm,1.9s	88.60	37	eP	P	01 37 56.5	+3.4
BOZ	Chamberlain Mo	88.77	39	eP	P	01 37 54.2	+0.4
BOZ	Bozeman (W)						
BOZ	Bozeman (W)	88.77	39	eP	P	01 37 52.8	-1.0
BOZ	comp=Z,25nm,1.9s			pmx	pmx		
BOZ	comp=Z,2um,20.0s			MLR	MLR		
BOZ	Bozeman (W)	88.77	39	eP	P	01 37 52.8	-1.0
BOZ	comp=Z,26nm,1.9s			LR	LR		
DLBC	comp=Z,2um,20.0s	88.78	22	eP	P	01 37 53.7	+0.2
DLBC	Dease Lake						
TRTT	comp=Z,4.5nm,0.7s	88.78	22	eP	P	01 37 53.7	+0.2
TRTT	Trang	88.79	279	P	P	01 37 56.7	+2.2
LKWY	comp=Z,193nm,1.2s,comp=Z,2um	88.92	40	PFAKE	LR	01 38 10.0	+15
LKWY	Lake			LR	LR		
035A	comp=Z,2um,20.0s	88.99	60	P	P	01 37 55.5	+0.4
035A	Encino						
SRAK	baz=244	89.06	285	P	P	01 37 56.3	+0.6
SRAK	Graekaw						
834A	comp=Z,137nm,1.3s,comp=Z,1um	89.14	59	P	P	01 37 55.9	0.0
834A	Tilden						
WRH	comp=Z,2um,20.0s	89.15	11	eP	P	01 37 55.0	0.0
WRH	Wood River Hill						
DOT	comp=Z,64nm,1.4s	89.20	13	eP	P	01 37 55.6	+0.3
DOT	Dot Lake						
JCT	comp=Z,53nm,1.0s	89.21	57	P	P	01 37 55.8	-0.4
JCT	Junction City						
JCT	comp=Z,243	89.21	57	PFAKE	LR	01 38 10.0	+1.4
JCT	Junction City			LR	LR		
633A	comp=Z,3um,20.0s	89.24	58	P	P	01 37 56.6	+0.3
633A	Saathoff Ranch						
Q24A	comp=Z,2um,20.0s	89.33	47	P	P	01 37 57.8	+0.9
Q24A	Divide						
SURA	comp=Z,2um,20.0s	89.35	280	P	P	01 37 59.6	+2.5
SURA	Surathani						
CCB	comp=Z,191nm,1.6s	89.36	11	eP	P	01 37 55.6	-0.4
CCB	Clear Creek Bu						
BJ							

20d 1h

2011 AUG

Table with columns: CHTO, CHIANG MAI, 93.66 289, eP, P, 01 38 19.1 +2.1. Includes various station call signs and frequencies.

Table with columns: GRTK, GRAND TURK, 110.06 74, PFAKE, LR, 01 43 40.0. Includes various station call signs and frequencies.

Table with columns: KMBO, KIILIMA MBOGO, 140.87 237, PKHKP, PKPpre, 01 44 26.9. Includes various station call signs and frequencies.

Table with multiple columns containing station call signs (e.g., NOCI, CEL, ZAKS), frequencies (e.g., 4.58 310), and other technical details. The table is organized into several vertical sections.

Table with columns for call sign, frequency, power, mode, and other technical details. Includes stations like MOTA Moosalm, MORC Moravsky Berou, and CASM Ain Smara.

Table with columns for call sign, frequency, power, mode, and other technical details. Includes stations like AKASG Malin Array Be, BRG Berggiesshubel, and FELD Feldberg im Sc.

Table with columns for call sign, frequency, power, mode, and other technical details. Includes stations like IIGN Ignalina, IDID Didziasalis, and GUDG Gudauri.

Table with columns: KONO, comp, pmax, pmax, 23.07 344 eP, P, 02 05 27.9 -0.8, etc.

Table with columns: ARU, comp, S, S, 02 07 32.9, 02 09 35.9, 02 11 37.8 -0.7, etc.

Table with columns: KOLN, comp, 52.14 82 eP, P, 02 09 32.7 -1.4, GKN, comp, 52.84 81 eP, P, 02 09 38.1 -1.2, etc.

ASAR Alice Springs 44.98 265 P P 04 18 42.6 -0.2
WRAB Tennant Creek 45.87 20 eP P 04 18 49.7 -0.3
WRA Warrungga Arr 45.88 2.0 P P 04 18 49.2 -0.8
FINES FINES Array B 14.40 342 PKP PKPdf 04 30 03.3 0.0

MEX 20 04:13:04.1±0.7, 17.09N×100.16W, h20km, MD3.8, Guerrero

Code Station Name Δ° AZ° Phase ID Time Res
CAIG El Cayaco 0.11 246 eP ISC 04 13 06.7 -1.5
CAIG Acapulco 0.14 310 /S Sb 04 13 10.3 -0.7
ARIG Puente Sto Nin 1.39 1351 /P Pn 04 13 16.9 +0.4

IDC 20 04:14:05.7±1.3, 28.05N:55.80E, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.6/50, mbtm3.8/9, ML3.7/1, Error ellipse: s-maj=29.0km s-min=22.7km az=68.0

ISCJB 20 04:14:07.7±0.5, 27.96N:104.55W±0.06, h16km, mb3.7/8, Error ellipse: s-maj=0.1km s-min=5.0km az=153.1

TEH 20 04:14:08.3, 28.05N:55.82E, h2km, ML3.3
CSEM 20 04:14:09.1±0.3, 28.01N:55.87E, h15km, ML3.3, Error ellipse: s-maj=8.9km s-min=6.0km az=43.0

ISC 20 04:14:08.5±0.7, 28.04N:105.55E±0.05, h16km, n39, r=139/43, mb3.7/8, Southern Iran

Code Station Name Δ° AZ° Phase ID Time Res
BNDS Bandar-Abbas 0.69 156 eP Pg 04 14 21.3 -0.9
NIAN Nian 0.99 118 eP Pg 04 14 29.0 +1.3
NIAN Nian 0.99 118 eP Pg 04 14 29.0 +1.3
NGRK Negar Kerman 1.78 25 eP Pn 04 14 38.3 -0.6

NIED 20 04:20:00.37±30N:142.20E, h26km, Mw3.8 Best double couple: M=5.09000×10^14 NP1=141.00000°, δ=45.00000°, λ=61.00000°, NP2=282.00000°, δ=52.00000°, λ=116.00000°

IDC 20 04:20:29.1±0.8, 37.14N:142.55E, h0km, mb3.6/8, mb1 3.0/10, mb1mx3.6/48, mbtm3.6/10, ML3.5/2, MS2.9/3, Ms1 3.0/3, ms1ms1=8/42, Error ellipse: s-maj=2.19km s-min=19.3km az=131.0

JMA 20 04:20:31.9±0.2, 37.29N:142.19E, h26km±4km, M4.0
ISC 20 04:20:29.3±2.1, 37.29N:105.142±26E±0.06, h1km±12km, n30, r=152/30, mb3.6/8, Off east coast of Honshu

Code Station Name Δ° AZ° Phase ID Time Res
JFK Kawauchi 1.11 274 Op P 04 20 51.0 +0.0
JFK Kawauchi 1.11 274 Op P 04 20 51.0 +0.0
ONAJ Iwakimizuishiy 1.19 261 S Sg 04 20 51.9 -0.7

H11S2 WAKE ISLAND Hy 28.45 124 T T 04 56 21.3
ZALV Zalesovo Beam 42.24 312 P P 04 28 26.7 +2.8
KURB8 Kurchatov Arr 46.38 308 P P 04 28 58.7 +1.7
ILAR Eielson Array 48.91 32 P P 04 29 17.1 +0.5

ISCJB 20 04:27:29.9±0.6, 31.74S:0.06±179.2E±0.1, h500km, mb4.2/6, Error ellipse: s-maj=14.2km s-min=7.1km az=9.4
IDC 20 04:27:30.6±1.3, 31.92S:179.34E, h513km±15km, mb3.7/6, mb1 3.9/7, mb1mx3.5/25, mbtm4.7/7, Error ellipse: s-maj=20.4km s-min=17.6km az=94.0

ISC 20 04:27:30.3±0.8, 31.83S:0.08±179.2E±0.1, h500km, n18, r=190/25, mb4.3/6, Kermadec Islands region

Code Station Name Δ° AZ° Phase ID Time Res
RAO Raoul Island 3.56 45 P P 04 28 46.1 +0.8
RAO Raoul Island 3.56 45 P P 04 28 46.1 +0.8
WMGZ Waionatani S 6.01 186 ePN P 04 29 02.9 +2.6

CSEM 20 04:59:39.2±0.1, 42.49N:2.01E, h10km, ML2.4/10, Error ellipse: s-maj=1.8km s-min=1.6km az=174.0

MDD 20 04:59:40.5±0.2, 42.45N:2.00E, h10km±1km, mblG±0.15, Error ellipse: s-maj=3.3km s-min=2.3km az=31.0, PRXIMO LDC 20 04:59:40.2±0.1, 42.47N:2.01E, h4km, M12.3/12, Error ellipse: s-maj=1.3km s-min=1.1km az=170.0

STR 20 04:59:40.0±0.1, 42.50N:1.99E, h5km, M12.7, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 20 04:59:38.9±0.8, 42.47N:0.02±2.02E±0.1, h17km±5km, n71, r=080/92, 1C-4D, Pyrenees

Code Station Name Δ° AZ° Phase ID Time Res
CLLI Llivina 0.04 283 Op P 04 59 42.5 +0.2
CLLI Llivina 0.04 283 Op P 04 59 42.5 +0.2
CLLI Llivina 0.04 283 Op P 04 59 42.5 +0.2

GII 20 05:06:45.6±0.0, 33.69N:35.63E, h1km, MD2.1/6
ISCJB 20 05:06:46.3±0.4, 33.72N:0.02±35.67E±0.03, h0km±4km, Error ellipse: s-maj=4.0km s-min=3.4km az=36.1

CSEM 20 05:06:46.5±0.2, 33.72N:35.64E, h2km, ML2.8, Error ellipse: s-maj=4.2km s-min=2.5km az=125.0

GRAL 20 05:06:47.0±0.3, 33.71N:35.67E, h2km±8km, MD2.8
NSSC 20 05:06:48.1±1.4, 33.67N:35.74E, h10km±8km, MD1.1, ML2.2

ISC 20 05:06:46.5±1.1, 33.72N:0.02±35.68E±0.02, h2km±10km, n47, r=067/72, Jordan-Syria region

Code Station Name Δ° AZ° Phase ID Time Res
DQRL Deir Qamar 0.09 260 eP Sg 05 06 48.4 0.0
DQRL Deir Qamar 0.09 260 eP Sg 05 06 48.4 0.0
DQRL Deir Qamar 0.09 260 eP Sg 05 06 48.4 0.0

CCAS Cassa de la Se 0.88 132 Pg Pn 04 59 56.3 -0.2
MTLF Montoliou 0.88 9 eP Sg 04 59 56.8 +0.3
MTLF Montoliou 0.88 9 Pg Pn 04 59 56.8 +0.3

Code Station Name Δ° AZ° Phase ID Time Res
DQRL Deir Qamar 0.09 260 eP Sg 05 06 48.4 0.0
DQRL Deir Qamar 0.09 260 eP Sg 05 06 48.4 0.0
DQRL Deir Qamar 0.09 260 eP Sg 05 06 48.4 0.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BNDI, AAI, PMG, FITZ, GUMO, WRA, ASAR, ASAR, NWAOW, CMAR, CMAR, MJAR.

ISCJB 20 05:57:39.7, 0.4, 79.36N, 124.3E, h10km, mb4.2/37, MS3.5/24, Error ellipse: s-maj=12.1km s-min=6.7km az=171.6
IDC 20 05:57:39.4, 0.8, 79.27N, 124.51E, h0km, mb4.0/21, mb1.4/22, mb1mx4.0/49, mbtmp4.0/22, ML4.0/1, MS3.5/28, Ms1.3.5/28, ms1mx3.4/37, Error ellipse: s-maj=24.5km s-min=12.3km az=166.0

NEIC 20 05:57:41.3, 0.4, 79.36N, 124.16E, h10km, mb4.5/17, Error ellipse: s-maj=10.5km s-min=6.5km az=171.0
ISC 20 05:57:41.2, 0.6, 79.33N, 123.99E, h10km, n62, r130/43, mb4.3/37, MS3.5/24, 1E, East of Severnaya Zemlya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TAXI, NRIK, NRIK, YAK, KBS, SPITS, SPITS, MA2, COLD, LVZ, ARCES, RES, INK, INK, ILAR, ILAR, JMJC, ZALV, ZALV, TLY, PETK, ARU, BRVK, FINES, FINES, SONM, SONM, KURK, YKA, YKA, NB2, NOA, NOA, USRK, ABKAR, AAK, AAK, AKASG, KRSR, MJAR, CLL, CLL, DPC, DPC, KVAR, KHC, KHC, KBZ, KBZ, PSZ, SCHO, GERES, GERES, WALA, NEW, NEW, GEYT, DAVOX.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ULM, BMO, BOZ, BRTR, PDAR, ESDC, ESDC, SMCV, PV01, KEST, CMAR, ANMO, WMOK, TXAR, TXAR, TORD, ROSE.

IDC 20 06:06:48.7, 1.2, 30.59S, 177.40W, h0km, mb4.2/3, mb1.4/3, mb1mx3.9/22, mbtmp4.1/4, ML3.4/1, Error ellipse: s-maj=33.6km s-min=24.6km az=106.0
NEIC 20 06:06:49.7, 0.9, 30.62S, 177.29W, h10km, mb4.8/2, Error ellipse: s-maj=22.7km s-min=14.1km az=98.0
ISCJB 20 06:06:52.1, 5.1, 30.49S, 177.4W, 0.7, h33km, mb4.5, Error ellipse: s-maj=90.9km s-min=12.0km az=0.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAO, RAO, RAO, URZ, URZ, CTAK, STKA, ASAR, WRAB, WRA, FINES, AKASG, BRTR, CLL, TORD.

SJA 20 06:06:59.9, 1.3, 31.85S, 69.87W, h111km, 9km, ML2.7, MW3.0
ISCJB 20 06:07:00.1, 1.0, 31.91S, 70.04W, h10km, 10km, Error ellipse: s-maj=6.9km s-min=6.1km az=32.3
GUC 20 06:07:00.1, 0.6, 31.93S, 70.08W, h119km, 12km, ML2.2
ISC 20 06:07:00.9, 1.7, 31.91S, 70.04W, 69.88W, 0.05, h114km, 15km, n14, r09/63/26, 3C, San Juan Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RTLS, AUSP, AUSP, ASAL, RTVC, ARCO, RTLL, PEL, PEL, ROCH, FCH, FCH, AAGR, AMOG, TLL, TLL, ACHE, LCO, LCO.

CSEM 20 06:48:11.0, 0.2, 37.74N, 16.00E, h30km, ML3.5/14, Error ellipse: s-maj=4.7km s-min=2.3km az=121.0
ROM 20 06:48:10.8, 0.1, 37.73N, 15.97E, h30km, 1km, ML2.7/20, Error ellipse: s-maj=1.5km s-min=1.0km az=105.0, Sicily

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MPAZ, MPAZ, MPAZ, SOI, SOI, SOI, GMB, MSLC, MSLC, CEL, CEL.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CEL, ATN, ATN, MPNC, MPNC, MSRU, MSRU, HAGA, HAGA, MILZ, MILZ, MILZ, MILZ, PLAC, PLAC, PLAC, HCR, HCR, HCR, JOPP, JOPP, JOPP, SSS, SSS, SSS, HLNI, HLNI, HLNI, VPL, VPL, VPL, HAVL, HAVL, HAVL, HVZ, HVZ, HVZ, GRI, GRI, HMD, HMD, HMD, HMD, RAFF, RAFF, IFIL, IFIL, SERS, SERS, SERS, TIP, TIP, TARI, MASS, CGL, FASA.

MEX 20 06:51:27.0, 0.8, 14.03N, 93.25W, h20km, 63km, MD4.0, Near coast of Chiapas

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

NIED 20 06:52:00.37, 0.0N, 140.60E, h5km, Mw3.6 Best double couple: M3.15000, 1014 NP1.0, 103.00000, 828.00000, lambda=76.00000, NP2.0, 268.00000, 863.00000, lambda=97.00000

IDC 20 06:52:44.9, 1.0, 36.97N, 140.57E, h0km, mb3.7/7, mb1.3/7, mb1mx3.6/51, mbtmp3.7/10, ML3.6/1, Error ellipse: s-maj=16.9km s-min=15.6km az=163.0

ISCJB 20 06:52:46.5, 0.5, 36.96N, 140.57E, h0km, mb3.7/7, mb1.3/7, Error ellipse: s-maj=5.2km s-min=4.5km az=14.7
JMA 20 06:52:46.8, 36.97N, 140.54E, h6km, 1km, M3.9 Broadband fault plane solution: P waves. NP1: phi=268.00000, 853.00000, lambda=106.00000, NP2: phi=115.00000, 840.00000, lambda=69.00000. Principal axes: T P1g7.0000, Azm10.0000, P P1g75.0000, Azm128.0000

JMA Felt J1.1
ISC 20 06:52:46.6, 0.9, 36.97N, 140.55E, 0.04, h11km, 7km, n26, r09/73/29, mb3.6/7, 8C, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ONAJ, ONAJ, JHO, JHO, JFO, JFO, JFB, JFB, JFT, JFT, JFY, JFY, JFM, JFM, MJAR, MJAR, MAT, MAT, JAT, JAT, JHU, JHU, USRK, USRK, KRSR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LCO Las Campanas, AGUA GUANDACOL, TRQ Quatzen, etc.

NEIC 20 07:31:12.3, 43:56S:172:63E, h10km, ML4.0 (WEL), After WEL. NEIC Felt strongly in the Christchurch area. Felt widely in Canterbury.

WEL 20 07:31:12.3-0.1, 43:56S:172:62E, h10km, ML4.0/37, Mw3.7, 4C-1D, Error ellipse: s-maj=0.7km s-min=0.5km az=90.0, South Island

Main table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CRLZ Canterbury Las, MOZ McQueen's Vall, OXF Oxford, etc.

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like QWZ Paruwai Farm, WEL Wellington, WEL Wellington, etc.

ISCJB 20 07:35:10.4-0.6, 17:7S:0:1x178:8W:0:1, h539km, mb3.9/10, Error ellipse: s-maj=18.8km s-min=11.8km az=138.3

ISC 20 07:35:10.7-1.6, 17:7S:178:77W, h528km, 19km, mb3.4/11, mb1.3/9/13, mb1mx3.4/34, mbtm4.3/13, Error ellipse: s-maj=18.6km s-min=13.1km az=132.0

ISC 20 07:35:11.0-0.6, 17:7S:0:1x178:8W:0:1, h539km, n14, s159/116, mb3.8/10, Fiji Islands region

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AFI Afiamalu, DZM Mont Dzumac, etc.

ISCJB 20 07:39:09.0-0.3, 6:98N:0:03:72:87W:0:04, h180km, 4km, mb3.5/4, Error ellipse: s-maj=7.4km s-min=3.7km az=42.5

ISC 20 07:39:09.7-0.9, 6:65N:72:49W, h200km, 7km, mb3.2/4, mb1.3/6/8, mb1mx3.3/37, mbtm4.0/8, Error ellipse: s-maj=28.5km s-min=7.5km az=130.0

FUNV 20 07:39:12.4, 7:06N:72:94W, h178km, MW4.2, RSNC 20 07:39:12.8-0.8, 6:92N:72:98W, h167km, 4km, ML4.1

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BARC Barichara, CBRI Barichara, etc.

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CAPV Capacho, RUSC La Rusia, OCAC Ocana, etc.

ISCJB 20 07:47:06.1-0.6, 15:14N:0:05:42:11E:0:05, h10km, mb3.9/7, MS3.3/8, Error ellipse: s-maj=8.8km s-min=5.9km az=44.2

ISC 20 07:47:06.2-1.1, 15:06N:41:98E, h0km, mb4.0/7, mb1.4/2.0, mb1mx3.8/38, mbtm4.0/9, ML3.8, MS3.3/10, Ms1.3/3/10, ms1mx3.1/38, Error ellipse: s-maj=23.8km s-min=22.0km az=56.0

DHMR 20 07:47:08.3-1.1, 15:20N:42:40E, h10km, 13km, ML4.3, CSEM 20 07:47:08.3, 15:20N:42:40E, h9km, ML4.3

ISC 20 07:47:08.0-0.8, 15:23N:0:05:42:22E:0.06, h10km, n26, s190/31, mb4.0/7, MS3.3/8, 1C, Western Arabian Peninsula

Table of seismic stations with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HAJJ Hajjah, UDYN Ai Udayan, DHBB Dhamar BB, etc.

comp=N,16nm,18.3s,baz=255,slow=41

SOME 20 07:47:52.3, 43°62'N-83°68'E, h25km
N1C 20 07:47:58.3, 2.8, 43°97'N-83°18'E, h0km, mb3.5, mpv3.2,
Error ellipse: s-maj=28.7km s-min=10.8km az=124.0

ISC 20 07:47:52.4, 3.2, 43.5N, 0.1, 83.8E, 0.1, h20km, n10,
e=141/17, 6C-30, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Ketmen, Jarkent, Jarkent, Podgornoye, etc.

ISC/JB 20 07:50:59.9, 0.7, 31.51S, 0.02, 68°77'W, 0.04, h116km, 7km,
Error ellipse: s-maj=6.2km s-min=3.9km az=14.8

GUC 20 07:51:00.5, 0.6, 31°48'S, 69°10'W, h150km, 20km, ML3.5
SJA 20 07:51:00.0, 1.1, 31°54'S, 68°75'W, h108km, 6km, ML3.6,
MW3.6

ISC 20 07:51:00.8, 1.4, 31°52'S, 0.03, 68°77'W, 0.04,
h110km, 10km, n22, 40Z7/39, 2C-4D, San Juan Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like San Juan, Cerro Valdivia, Leoncito, etc.

NIED 20 08:03:00, 36°80'N-143°60'E, h5km, MW3.6 Best double
couple: M3, 0.60000, 1014° NP1, 0.58, 0.00000°, 834, 0.00000°,
λ-67, 0.00000°, NP2, 0.211, 0.00000°, 859, 0.00000°,
λ-104, 0.00000°.

IDC 20 08:03:49.6, 1.2, 36°81'N-143°77'E, h0km, mb3.6/3,
mb1 3.9/6, mb1mx3.6/34, mbtm3.6/6, ML3.5/2, MS2.8/4,
Ms1 2.8/4, ms1mx2.4/42, Error ellipse: s-maj=40.3km
s-min=22.3km az=121.0

ISC/JB 20 08:03:52.7, 0.8, 36°81'N, 0.05, 143°67'E, 0.06, h33km,
mb3.7/3, MS3.1/2, Error ellipse: s-maj=7.5km s-min=6.8km
az=17

JMA 20 08:03:54.1, 0.2, 36°81'N-143°59'E, h54km, M3.6
ISC 20 08:03:54.3, 1.1, 36°77'N, 0.06, 143°67'E, 0.08, h35km, n25,
e=1106/24, mb3.7/3, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Kawauchi, Iwakimizuishi, Otama, etc.

baz=133,slow=17

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like KSRS, KLR, H1N12, etc.

SJA 20 08:36:37.6, 0.6, 32°12'S, 71°29'W, h29km, 17km, ML2.9,
MW3.4
GUC 20 08:36:39.4, 0.4, 32°23'S, 71°06'W, h65km, 15km, ML3.1
ISC 20 08:36:38.5, 2.1, 32°24'S, 0.04, 71°28'W, 0.10, h13km, 14km,
n13, e=1105/22, 4C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like ROCH, ROCH, ROCH, etc.

IDC 20 08:54:21.4, 8.3, 36°93'S-177°39'E, h0km, mb3.4/2,
mb1 3.7/2, mb1mx3.5/37, mbtm3.4/2, Error ellipse:
s-maj=506.7km s-min=52.2km az=174.0

ISC/JB 20 08:54:37.3, 0.8, 37°92'S, 0.04, 176°63'E, 0.05, h203km, 6km,
mb3.1/2, Error ellipse: s-maj=7.4km s-min=6.3km az=44.3
NEIC 20 08:54:42.6, 37°94'S-176°57'E, h151km, MG4.6, (WVLE),
After WEL

WEL 20 08:54:43.2, 0.2, 37°95'S-176°58'E, h146km, 2km, ML4.6/5/5,
Error ellipse: s-maj=1.1km s-min=1.0km az=0.0
ISC 20 08:54:38.7, 1.1, 37°95'S, 0.06, 176°58'E, 0.05, h174km, 6km,
n259, e=195/262, 67C-11D, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like MARZ, MARZ, MARZ, etc.

Shannon Statio 0.99 143 Pn Pn 08 55 08.0 +2.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like SNGZ, SNGZ, SNGZ, etc.

Table with columns: NEZ, PKE, KHEZ, KAHU, etc. containing station names, coordinates, and status.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PLCA, ROSC, TXAR, BOSAR, PDAR.

ISK 20 08:56:55.5, 39.19N; 27.64E, h5km, MD2.8
ISCUB 20 08:56:55.5, 0.4, 39.17N; 0.03, 27.60E; 0.03, h0km, Error
CSEM 20 08:56:58.0, 0.3, 39.18N; 27.62E, h1km, MD2.8, Error

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AKS, BALLY, AYVA, DEMI, KULA, URLA, etc.

MEX 20 09:01:49.3, 0.5, 18.09N; 103.36W, h6km, 5km, MD3.9, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BEO, IDC, PDG, LDG, CSEM, PRU, NEIC, THE, STR, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BRY, TREB, UNAC, HERCEG, NIKSI, CEME, PLE, BANJA, etc.

Table with columns: BUM, PDG, MRK, UDBI, DRME, etc. containing station names, coordinates, and status.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRG, MBDF, STU, BFO, etc.

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

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

IDC 20 09:54:35.2,1.3,37.50N:142.28E,h0km,mb3.6/3, mb1 3.8/6,mb1mx3.6/47,mbtmp3.7/6,ML3.4/3,MS2.6/2, Ms1 2.6/2,ms1mx2.3/52,Error ellipse: s-maj=4.0km s-min=24.8km az=111.0

ISCBJ 20 09:54:40.0,0.9,37.62N:104.141.91E:0.09, h50km,11km,mb3.7/3,Error ellipse: s-maj=11.9km s-min=5.2km az=20.6

JMA 20 09:54:41.6,0.1,37.65N:141.78E,h50km,2km,M3.9 JMA Fell J1

ISC 20 09:54:41.1,1.9,37.64N:05.141.9E:0.1,h43km,21km, n2z,r157/35,mb3.6/3,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include stations like JFK, JFM, JMM, JMO, JNJ, etc.

ISCJB 20 10:08:17.1,0.5,21.03S:0.04:179.11W:0.04, h606km,7km,mb4.6/139,Error ellipse: s-maj=6.6km s-min=5.0km az=140.6

IDC 20 10:08:17.9,1.0,20.91S:178.99W,h603km,10km, mb4.0/25,mb1 4.1/28,mb1mx4.0/41,mbtmp5.0/28,Error ellipse: s-maj=11.7km s-min=10.0km az=104.0

MOS 20 10:08:17.9,1.1,20.93S:179.09W,h614km,mb4.6/17, Error ellipse: s-maj=10.0km s-min=9.2km az=77.1

NEIC 20 10:08:18.2,0.5,20.95S:179.10W,h606km,5km,mb4.6/97, Error ellipse: s-maj=6.4km s-min=4.6km az=137.0

ISC 20 10:08:17.9,0.4,21.04S:0.05:178.99W:0.06, h610km,4km,h610km,pp-P,n378,r155/439,mb4.6/139, 46C-28D,Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include stations like MSVF, RAO, AFI, FUNA, DZM, OUZ, MXZ, RUGZ, URZ, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include stations like PMG, COEN, STKA, BBOO, JAY, ASAR, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Rows include stations like ORV, ORV, MAW, GSC, GSC, WAKR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Oshima 3, Hachioji jima 2, Matsushiro Arr, etc.

CSEM 20:15:02.2,0.6,50.26N; 18.84E, h1km, Error ellipse: s-maj=15.6km s-min=5.6km az=16.0

PRU 20:10:15:03.5,50.23N; 18.83E, h0km, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Ostrava-Krasne, Moravsky Berou, Liptovska Anna, etc.

IDC 20:10:27:15.4,0.5,15.86S; 179.37W, h0km, mb4.3/20, mb1 4.5/23, mb1mx4.4/40, mbtmp4.4/23, ML3.5/3, MS4.6/28, MS1 4.6/28, ms1mx4.5/38, Error ellipse: s-maj=17.6km

NEIC 20:10:27:17.0,1.1,15.98S; 179.45W, h10km, mb5.1/77, Error ellipse: s-maj=6.4km s-min=3.7km az=130.0

ISCJB 20:10:27:17.0,2.1,16.96S; 179.44W, h2km, mb4.9/113, MS4.7/39, Error ellipse: s-maj=6.3km s-min=4.2km az=135.1

GCMT 20:10:27:17.0,3.0,1.5,17.51S; 179.35W, h17km, MW5.5/134, Moment Tensor Solution, s105,c183; s134,c246; Duration: 1s3 Moment tensor; Scale 1017Nm;

M0-0.04; M0-1.70; M0-1.75; M0-1.14; M0-0.55; M0-0.44; M0-0.45; Best double couple; M01.86800x10^17 Np1.932300000; 866.00000; 1.67.00000; N12.550.0000; 3.77.00000; 1.4.00000;

Principal axes: T 1.9250, Plg12.0000; Azm279.0000; N -0.1060, Plg76.0000; Azm129.0000; P -1.8100, Plg7.0000; Azm10.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

MOS 20:10:27:18.7,1.5,15.89S; 179.37W, h27km, mb5.1/30 Error ellipse: s-maj=11.0km s-min=8.5km az=147.6

BUI 20:10:27:18.4,1.5,15.90S; 179.50W, h10km, mb5.0/31, mB5.3/27, Ms5.0/20, Ms7 4.8/20

ISC 20:10:27:19.0,4.0,3.16,00S; 179.38W, h0.05, h22km, n303, s175/261, mb4.9/113, MS4.8/41, 13C-7D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nonsavu, Afiamalu, DZM, RAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PPT2, PPT, PPT2, etc.

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

20d 10h

2011 AUG

Table of astronomical observations for 20d 10h, listing station names (e.g., RND, BMO, BMO), coordinates, and other data.

Table of astronomical observations for 20d 10h, listing station names (e.g., PD31, PDAR, HRY), coordinates, and other data.

Table of astronomical observations for 20d 10h, listing station names (e.g., RZN, BFO, BFO), coordinates, and other data.

MEX 20 10:33:58.6-0.7, 14:15N-92:47W, h12km, 234km, MD4.0,

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

Code Station Name Az Phase ID Time Res
CCIG Comitan 2.14 8 Op Pn 10 34 32.1

CCIG Comitan 2.14 8 Op Pn 10 34 32.1
TGIG Comitan 2.69 346 eS Sn 10 34 38.8

Code Station Name Az Phase ID Time Res
SIJI Sorong 3.30 265 Op Pn 10 36 22.9

SIJI Sorong 3.30 265 Op Pn 10 36 22.9
SIJI Sorong 7.3nm, 0.3s, baz=2.4, slow=1.1, SNR=2.4

JAY Jayapura 6.44 107 Pn Pn 10 37 05.8

JAY Jayapura 6.44 107 Pn Pn 10 37 05.8
WRA Warramunga Arr 19.24 181 P P 10 39 55.4

FITZ Fitzroy Crossi 19.49 206 P P 10 39 58.3

ASAR Alice Springs 22.96 182 P P 10 40 35.7

STKA Stephens Creek 31.83 159 P P 10 41 54.8

H1N1 WAKE ISLAND HY 37.57 56 T T 11 22 34.0

H1N2 WAKE ISLAND HY 37.57 56 T T 11 22 37.0

H1N3 WAKE ISLAND HY 37.59 56 T T 11 22 37.0

CMAR Chiang Mai Arr 39.79 300 P P 10 43 04.8

ZALV Zalesovo Beam 68.05 331 P P 10 46 29.3

ILAR Eiland Arr 85.65 25 P P 10 48 08.2

LDG 20 10:49:03.5-0.1, 45:92N-15:36E, h10km, M1.3/4, Error

IASPEI 20 10:49:04.1-0.8, 45:92N-15:38E, h8km, 4km, Error

Code Station Name Az Phase ID Time Res
LEGS Legarje 0.06 290 P/Pg P/Pg 10 49 02.6

LEGS Legarje 0.06 290 P/Pg P/Pg 10 49 02.6
LEGS Legarje 0.06 290 P/Pg P/Pg 10 49 02.6

CESS Cesta pri Krsk 0.07 48 P/Pg P/Pg 10 49 02.6

CESS Cesta pri Krsk 0.07 48 P/Pg P/Pg 10 49 02.6

CRES Cresnjev 0.11 157 P/Pg P/Pg 10 49 05.2

CRES Cresnjev 0.11 157 P/Pg P/Pg 10 49 05.2

CRES Cresnjev 0.11 157 P/Pg P/Pg 10 49 05.2

GCIS Gornji Cirkic 0.17 111 P/Pg P/Pg 10 49 07.8

GCIS Gornji Cirkic 0.17 111 P/Pg P/Pg 10 49 07.8

GOLS Golise 0.18 63 P/Pg P/Pg 10 49 11.5

GOLS Golise 0.18 63 P/Pg P/Pg 10 49 11.5

DOBS Dobrina 0.23 14 P/Pg P/Pg 10 49 09.5

DOBS Dobrina 0.23 14 P/Pg P/Pg 10 49 09.5

PDKS Podkum 0.30 296 P/Pg P/Pg 10 49 11.0

PDKS Podkum 0.30 296 P/Pg P/Pg 10 49 11.0

PDKS Podkum 0.30 296 P/Pg P/Pg 10 49 11.0

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MAKZ Makanchi, HYLV Hyderabab, ZALV Zalesovo, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ARCES ARCES Array B, KBZ Khabaz, KIV Kislovodsk, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GUC 20 12:11:33.0, CCHI Chillan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like SILLI, DORL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like KBTC, BGD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like OHR, TIR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like DDA, TIF, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like ANA, VSR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like SKHL, MOS, etc.

PET	comp=Z,700nm,15.0s	Petropavlovsk	2.25	19	eP	Pn	12 54 49.6	+0.7
PET	comp=Z,191nm,0.3s				A	AMB	12 54 50.9	
PET					S	A	12 55 16.6	+1.2
PET					e	Sn	12 55 18.6	
PET	comp=Z,2j,0.3s	Petropavlovsk	2.25	19	ePn	Pn	12 54 50.1	+1.2
DALK		Dalny	2.27	21	PN	Pn	12 54 50.6	+1.3
DALK		Dalny	2.27	21	eP	Pn	12 54 50.6	+1.3
DALK		Dalny	2.27	21	eS	Sn	12 55 17.4	+1.3
UGLR		Uglovaya	2.46	20	PN	Pn	12 54 53.6	+1.7
UGLR		Uglovaya	2.46	20	eP	Sn	12 55 22.3	+1.5
UGLR		Uglovaya	2.46	20	eS	Sn	12 55 22.3	+1.5
UGLR		Uglovaya	2.46	20	ePn	Pn	12 55 22.3	+1.5
AVH		Avacha	2.49	19	PN	Sn	12 54 54.6	+2.3
AVH		Avacha	2.49	19	eS	Sn	12 55 23.7	+2.1
AVH		Avacha	2.49	19	eP	Sn	12 54 54.7	+2.3
KOK		Koryaka	2.50	17	PN	Pn	12 55 24.5	+2.8
KOK		Koryaka	2.50	17	eP	Sn	12 54 54.7	+2.3
KOK		Koryaka	2.50	17	eS	Sn	12 55 24.5	+2.8
SMAR		Somma	2.50	19	PN	Sn	12 54 54.8	+2.2
SMAR		Somma	2.50	19	eS	Sn	12 55 24.6	+2.6
SMAR		Somma	2.50	19	eP	Sn	12 55 24.6	+2.6
KRER		Koryakskii	2.53	18	PN	Sn	12 54 54.5	+1.6
KRER		Koryakskii	2.53	18	eP	Sn	12 55 24.2	+1.5
KRER		Koryakskii	2.53	18	eS	Sn	12 54 54.5	+1.6
SDLR		Sedlovina	2.53	20	PN	Pn	12 55 24.2	+1.5
SDLR		Sedlovina	2.53	20	eP	Pn	12 54 53.7	+0.8
SDLR		Sedlovina	2.53	20	eS	Pn	12 55 21.4	-1.5
KRX		Arik	2.56	17	PN	Pn	12 54 55.7	+2.4
KRX		Arik	2.56	17	eP	Pn	12 54 55.7	+2.4
SPN		Mys Shipunski	2.71	35	PN	Pn	12 55 26.3	+0.3
SPN		Mys Shipunski	2.71	35	eP	Pn	12 55 26.3	+0.3
SPN		Mys Shipunski	2.71	35	eS	Pn	12 55 26.6	-0.3
GNL		Ganally	2.80	6	PN	Pn	12 54 58.6	+2.0
GNL		Ganally	2.80	6	eS	Sn	12 55 30.7	+1.5
GNL		Ganally	2.80	6	eP	Sn	12 54 58.6	+2.0
GNL		Ganally	2.80	6	eP	Sn	12 55 30.7	+1.5
MKZ		Mys Kozlova	4.49	34	PN	Pn	12 55 20.5	+1.0
MKZ		Mys Kozlova	4.49	34	eP	Sn	12 56 10.0	-0.3
MKZ		Mys Kozlova	4.49	34	eS	Sn	12 55 20.5	+1.0
ESO		Esso	5.08	8	PN	Pn	12 55 10.0	-0.3
ESO		Esso	5.08	8	eP	Pn	12 55 10.0	-0.3
ESO		Esso	5.08	8	eS	Pn	12 55 30.7	+1.5
KMNR		Kamenistaya	5.13	18	PN	Pn	12 55 31.4	+3.0
KMNR		Kamenistaya	5.13	18	eP	Pn	12 55 31.4	+3.0
KMNR		Kamenistaya	5.13	18	eS	Pn	12 55 31.4	+3.0
KPT		Kopyto	5.33	17	PN	Pn	12 55 34.1	+3.0
KPT		Kopyto	5.33	17	eP	Pn	12 55 34.1	+3.0
KPT		Kopyto	5.33	17	eS	Pn	12 55 34.1	+3.0
KIRR		Kirishev	5.34	18	PN	Pn	12 55 34.5	+3.2
KIRR		Kirishev	5.34	18	eP	Pn	12 55 34.5	+3.2
KIRR		Kirishev	5.34	18	eS	Pn	12 55 34.5	+3.2
BZMR		Bezmyannaya	5.35	19	PN	Pn	12 55 34.8	+3.3
BZMR		Bezmyannaya	5.35	19	eP	Pn	12 55 34.8	+3.3
BZMR		Bezmyannaya	5.35	19	eS	Pn	12 55 34.8	+3.3
KOZ		Kozyrevsk	5.36	15	PN	Pn	12 55 34.8	+3.4
KOZ		Kozyrevsk	5.36	15	eP	Pn	12 55 34.8	+3.4
KOZ		Kozyrevsk	5.36	15	eS	Pn	12 55 34.8	+3.4
ZLN		Zelenaya	5.50	20	PN	Pn	12 55 36.8	+3.4
ZLN		Zelenaya	5.50	20	eP	Pn	12 56 37.4	+2.2
ZLN		Zelenaya	5.50	20	eS	Pn	12 55 36.8	+3.4
ZLN		Zelenaya	5.50	20	ePn	Pn	12 56 37.4	+2.2
LGNR		Loginova	5.53	19	PN	Pn	12 55 37.1	+3.1
LGNR		Loginova	5.53	19	eP	Pn	12 55 37.1	+3.1
LGNR		Loginova	5.53	19	eS	Pn	12 55 37.1	+3.1
CIRR		Tsirk	5.58	20	PN	Pn	12 55 37.5	+3.0
CIRR		Tsirk	5.58	20	eP	Pn	12 55 37.5	+3.0
CIRR		Tsirk	5.58	20	eS	Pn	12 55 37.5	+3.0
KRKR		Krestovskiy	5.63	18	PN	Pn	12 55 37.5	+2.3
KRKR		Krestovskiy	5.63	18	eP	Pn	12 55 37.5	+2.3
KRKR		Krestovskiy	5.63	18	eS	Pn	12 55 37.5	+2.3
KLY		Klyuchi	5.74	18	PN	Pn	12 55 40.4	+3.8
KLY		Klyuchi	5.74	18	eP	Pn	12 55 40.4	+3.8
KLY		Klyuchi	5.74	18	eS	Pn	12 55 40.4	+3.8
SMKR		Semkarok	6.16	21	PN	Pn	12 55 43.7	+1.2
SMKR		Semkarok	6.16	21	eP	Pn	12 56 51.7	+0.2
SMKR		Semkarok	6.16	21	eS	Pn	12 55 43.7	+1.2
SMKR		Semkarok	6.16	21	ePn	Pn	12 55 43.7	+1.2
SMKR		Semkarok	6.16	21	eP	Pn	12 56 51.7	+0.2
SMKR		Semkarok	6.16	21	eS	Pn	12 55 43.7	+1.2
SRKR		Sorokina	6.16	20	PN	Pn	12 55 53.3	+1.8
SRKR		Sorokina	6.16	20	eP	Pn	12 55 45.2	+2.7
SRKR		Sorokina	6.16	20	eS	Pn	12 55 53.3	+1.8
SRKR		Sorokina	6.16	20	ePn	Pn	12 55 45.2	+2.7
KBG		Krutoberegovo	6.21	28	PN	Pn	12 55 44.2	+1.3
KBG		Krutoberegovo	6.21	28	eP	Pn	12 55 44.2	+1.3
KBG		Krutoberegovo	6.21	28	eS	Pn	12 55 44.2	+1.3
KBG		Krutoberegovo	6.21	28	ePn	Pn	12 55 44.2	+1.3
BKI		Bering	6.71	47	PN	Pn	12 55 49.3	+0.5
BKI		Bering	6.71	47	eP	Pn	12 55 49.3	+0.5
BKI		Bering	6.71	47	eS	Pn	12 56 57.6	-7.1
BKI		Bering	6.71	47	ePn	Pn	12 55 49.3	+0.5
KUR		Kuril'sk	8.55	232	ePn	Pn	12 57 17.1	+2.0
KUR		Kuril'sk	8.55	232	eP	Pn	12 57 53.6	+3.6
KUR		Kuril'sk	8.55	232	eS	Pn	12 57 53.6	+3.6
KUR		Kuril'sk	8.55	232	ePn	Pn	12 57 53.6	+3.6
KUR	comp=Z,65nm,0.9s				smax	smax		
KUR	comp=N,25nm,0.7s	Kuril'sk	8.55	232	eP	Pn	12 56 17.0	+2.0
KUR		Kuril'sk	8.55	232	eP	AMB	12 56 24.3	
TYV	comp=N,55nm,0.5s	Tymovskoe	9.33	275	ePn	Pn	12 56 29.2	+3.5
TYV		Tymovskoe	9.33	275	eP	Pn	12 56 29.2	+3.5
TYV	comp=Z,11nm,0.8s	Tymovskoe	9.33	275	eP	Pn	12 56 28.1	+2.4
MA2	comp=Z,2.7nm,0.3s,baz=140,slow=8.3,SNR=20	Magadan	9.46	339	eP	Pn	12 56 28.8	+1.3
MA2		Magadan	9.46	339	eP	LR	13 00 26.7	
MA2	comp=Z,109nm,20.8s,baz=198,slow=40	Magadan	9.46	339	eP	PN	12 56 28.6	+1.1
MA2		Magadan	9.46	339	eP	PN	12 56 28.6	+1.1
MA2		Magadan	9.46	339	ePn	Pn	12 56 27.3	-0.2
SHO	comp=Z,50nm,0.7s	Shikotan	10.05	230	eP	Pn	12 56 33.6	-2.0
SHO		Shikotan	10.05	230	eP	AMB	12 56 36.1	
YUK	comp=Z,22nm,0.3s	Yuzh-Kuril'sk	10.41	233	PN	Pn	12 56 43.6	+3.1
YUK		Yuzh-Kuril'sk	10.41	233	eP	Sn	12 58 41.6	+6.2
YUK		Yuzh-Kuril'sk	10.41	233	eS	Pn	12 56 42.6	+2.1
YSS	comp=Z,113nm,20.9s,baz=50,slow=36	Yuzh-Sakhalin	10.41	233	ePn	Pn	12 56 41.5	+0.8
YSS		Yuzh-Sakhalin	10.41	233	eP	Sn	12 58 35.7	-0.1
YSS		Yuzh-Sakhalin	10.41	233	eS	Pn	12 58 35.7	-0.1
YSS	comp=Z,30nm,0.9s				pmax	pmax		
YSS	comp=Z,200nm,16.0s	Yuzh-Sakhalin	10.43	253	PN	Pn	12 56 40.5	-0.2
YSS		Yuzh-Sakhalin	10.43	253	ePn	Pn	12 58 32.1	-3.7
NKL	comp=Z,105nm,28.9s,baz=270,slow=7.8,SNR=14	Nikolayevsk	12.10	242	ePn	Pn	12 57 05.2	+1.8
ASAJ	comp=Z,120nm,18.8s,baz=47,slow=36	Asahikawa	12.10	242	ePn	Pn	12 57 04.8	+1.3
ASAJ		Asahikawa	12.10	242	eP	Pn	12 57 08.6	+1.8
SEY	comp=Z,113nm,20.9s,baz=50,slow=36	Seymchan	12.10	242	ePn	Pn	12 57 08.6	+1.8
ERM	comp=Z,0.4nm,0.3s,baz=270,slow=7.8,SNR=7.5	Ermo	13.24	233	PN	Pn	12 57 19.3	+0.3
ERM		Ermo	13.24	233	eP	Pn	12 57 19.5	+0.5
ERM		Ermo	13.24	233	eS	Pn	12 57 19.6	+0.5
ERM		Ermo	13.24	233	ePn	Pn	12 57 25.1	-1.9
HABR	comp=Z,41nm,14.0s	Khabarovsk	14.67	269	ePn	Pn	12 57 35.2	-2.7
HABR		Khabarovsk	14.67	269	eP	Sn	13 00 15.6	-3.4
HABR		Khabarovsk	14.67	269	eS	Sn	13 00 15.6	-3.4
HABR		Khabarovsk	14.67	269	ePn	MLR	13 00 15.6	-3.4
KLR	comp=Z,2.41nm,14.0s	Kul'dur	16.54	274	eP	P	12 58 04.2	+0.9
KLR	comp=Z,0.8nm,0.3s,baz=63,slow=12,SNR=20	Kul'dur	16.54	274	eP	LR	13 04 35.9	
KLR		Kul'dur	16.54	274	eP	LR	13 04 35.9	
KLR	comp=Z,113nm,20.9s,baz=50,slow=36	Kul'dur	16.54	274	eP	P	12 58 06.9	+3.6
USRK	comp=Z,0.2nm,0.3s,baz=61,slow=7.2,SNR=3.6	Usuriysk Ar.	16.37	258	eP	P	12 58 23.1	-0.4
USRK		Usuriysk Ar.	16.37	258	eP	LR	13 05 19.0	
YAK	comp=Z,120nm,18.8s,baz=47,slow=36	Yakutsk	17.86	317	eP	P	12 58 26.6	-1.1
YAK	comp=Z,0.0nm,0.3s,baz=119,slow=1.8,SNR=1.4	Yakutsk	17.86	317	eP	LR	13 06 03.3	
YAK		Yakutsk	17.86	317	eP	P	12 58 26.6	-1.1
YAK	comp=Z,136nm,19.6s,baz=100,slow=38	Yakutsk	17.86	317	eP	pmax	12 58 26.6	-1.1
YAK		Yakutsk	17.86	317	eP	pmax	12 58 26.6	-1.1
YAK	comp=Z,29nm,0.7s	Yakutsk	17.86	317	eP	P	12 58 26.6	-1.1
MDJ	comp=Z,29nm,0.7s	Mudanjiang	19.66	262	P	P	12 58 37.4	-0.3
MDJ		Mudanjiang	19.66	262	P	pmax	12 58 37.4	-0.3
MDJ	comp=Z,10.0nm,0.6s				pmax	pmax		
MJB9	comp=Z,52nm,5.2s	Matsu-Tunnel	19.89	231	eP	P	12 58 40.6	+0.4
MJB9	comp=Z,7.2nm,0.5s							

MAJO	Matsushiro	19.89	231	JP	P	12 58 41.1	+0.9
MAJO	Matsushiro	19.89	231	JP	pmax	12 58 41.1	+0.9
MAJO	Matsushiro	19.89	231	eP	P	12 58 40.6	+0.4
MAJO	Matsushiro	19.89	231	eP	P	12 58 40.6	+0.4
MJAR	Matsushiro Arr	19.89	231	P	P	12 58 40.5	+0.3
MJAR	Matsushiro Arr	19.89	231	P	LR	13 06 01.1	
NIKH	Nikolski High	20.79	71	eP	P	12 58 50.4	+0.6
INU	Inuyama	21.42	231	eP	P	12 58 56.1	-0.6
JHUJ	Mitsune	21.98	223	eP	P	12 59 03.4	+0.7
TIXI	Tiksi	24.44	339	LR	LR	13 10 33.3	
TIXI	Tiksi	24.44	339	JP			

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

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

ISC 20 13:23:35.2, 37.42N, 28.10E, h11km, MD2.3
ISC 20 13:23:36.0, 37.42N, 28.08E, 0.03, h0km, Error ellipse: s-maj=4.1km s-min=3.5km az=11.5

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

KNET 20 13:34:11.0, 40.59N, 73.55E, mb1.9
SOME 20 13:34:11.5, 40.65N, 73.53E, h5km
NCC 20 13:34:15.0, 40.61N, 73.91E, h0km, mb2.7, mpv2.4, Error ellipse: s-maj=67.3km s-min=37.9km az=163.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MNAS Manas, AAK Ala-Archa, etc.

ISK 20 13:42:12.9, 37.79N, 35.80E, h13km, MD2.5
ISC 20 13:42:13.4, 37.79N, 35.84E, 0.03, h0km, Error ellipse: s-maj=3.9km s-min=3.2km az=6.0

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

ISC 20 13:54:23.1, 0.8, 10.03S, 0.07, 109.45E, 0.06, h33km, mb3.5/5, Error ellipse: s-maj=10.7km s-min=7.3km az=26.9

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

JMA 20 13:59:03.2, 0.1, 36.38N, 141.29E, h31km, 1km, M2.7, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO Guam, KRSR Korea Array, etc.

BUI 20 14:12:00.9, 36.33N, 141.63E, h5km, mb5.0/80, mb4.8/57, Ms4.8/82, Ms7.4/774

NIED 20 14:12:00.36, 30N, 141.90E, h14km, Mw4.8, Best double couple: Mo:1.95000x10^16 NP1:0.180, 0.00000, 0.21, 0.00000, 0.69, 0.00000, NP2:0.203, 0.00000, 0.70, 0.00000, 0.98, 0.00000

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

ISC 20 14:12:05.0, 5.0, 36.28N, 0.03, 141.95E, 0.04, h31km, 2km, h30km, P-P, n562, 0.1957/595, mb5.0/176, MS4.5/63, 41C-21D, 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 INU Inuyama, ERM Erimo, etc.

2011 AUG

20d 14h

Table with columns for station name, frequency, power, and change. Includes stations like STKI KAPI, WRA Warramunga Arr, SOKR Solikamsk, ARU Arti, and many others.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SCZT Fangliu, SCZT Pinlang, TWG Hsialouchiu, etc.

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

ISCJB 20 14:55:29.7, 0.6, 37.30N, 0.04, 28.21E, 0.03, h0km, Error ellipse: s-maj=5.4km s-min=3.5km az=8.3

ISC 20 14:55:30.4, 37.27N, 28.21E, h10km, MD2.6, Suspected Mining explosion

ISC 20 14:55:29.5, 0.7, 37.29N, 0.03, 28.21E, 0.02, h0km, m27, c1909/43, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MLSB, MSLB, TURN, DALY, etc.

MAN 20 15:13:50, 10.15N, 122.03E, h3km, mb4.0, ML2.8, MS2.4, 1C-1D, Panay

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

NIED 20 15:16:00, 37.30N, 142.10E, h2km, Mw3.5, Best double couple: M1.950000, 1014 NP1=314.000000, 89.000000

JMA 20 15:16:52.0, 2.0, 37.26N, 142.14E, h25km, mb4.0, M3.6, Off east coast of Honshu

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

ISCJB 20 15:17:13.3, 0.7, 32.19N, 0.04, 115.22W, 0.07, h23km, 7km, Error ellipse: s-maj=11.3km s-min=5.4km az=156.9

MEX 20 15:17:13.8, 0.5, 32.29N, 115.05W, h33km, 8km, MD3.6

ISC 20 15:17:12.8, 1.2, 32.20N, 0.05, 115.18W, 0.07, h2km, 19km, n13, c084219, 2C-3D, California-Baja California border region

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

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

ISCJB 20 15:50:01.6, 0.3, 51.51N, 0.02, 16.14E, 0.02, h0km, Error ellipse: s-maj=2.4km s-min=2.0km az=11.8

CSEM 20 15:50:03.0, 51.50N, 16.15E, h2km, ML3.7/10, Error ellipse: s-maj=2.5km s-min=2.1km az=24.0

BGR 20 15:50:05.0, 0.3, 51.47N, 16.14E, h1km, ML3.3/15, Error ellipse: s-maj=5.6km s-min=2.2km az=12.0

WAR 20 15:50:04.9, 51.48N, 16.11E, h1km, Mw3.0

ISC 20 15:50:02.6, 0.6, 51.55N, 0.02, 16.16E, 0.02, h0km, n117, c157/122, 11D, Poland

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

RAC Raciborz, MORC Moravsky Berou, MORC Moravsky Berou

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

OKC Ostrava-Krasne, OKC Ostrava-Krasne

OKC Ostrava-Krasne, OKC Ostrava-Krasne

VRAC Vranov, VRAC Vranov

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

ISC 20 14:39:30.8, 0.6, 20.30S, 67.96E, h0km, mb4.0/11, mb1 4.1/11, mb1mx3.8/36, mbtmp4.0/11, MS3.8/13

ISCJB 20 14:39:31.3, 0.6, 20.30S, 0.1, 68.0E, 0.1, h15km, mb4.0/11, MS3.9/12, Error ellipse: s-maj=18.9km s-min=16.7km az=27.8

NEIC 20 14:39:32.5, 0.5, 20.32S, 67.96E, h10km, Error ellipse: s-maj=14.7km s-min=13.4km az=115.0

GCMT 20 14:39:36.0, 0.5, 20.24S, 67.98E, h23km, 2km, MW4.8/61, Moment Tensor Solution: m1, c22, s61, c87, Duration: 0

Moment tensor: Scale 1016Nm, M=0.583, 15, Mw1.47z, 12, Mw=0.88z, 10, M=0.33z, 15, Mw=0.96z, 07, Mw=0.52z, 17, Best double couple: M1.701000, 1016

NP1=249.000000, 671.000000, 155.000000, NP2=150.000000, 866.000000, 121.000000, Principal axes: T 1.8170, Plg3.0000, Azm19.0000; P -1.5860, Plg31.0000, Azm111.0000; nst1 refers to surface waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s

ISC 20 14:39:33.2, 0.7, 20.30S, 0.1, 68.0E, 0.2, h15km, n27, c0773/12, mb4.0/11, MS3.9/12, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H0S1, H0S2, H0S3, etc.

Table of astronomical observations for 20d 16h, listing stations like NKC, KHC, MOX, ROTZ, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2011 AUG, listing stations like EKA, BRTR, ARCES, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2011 AUG, listing stations like KSRS, KSAR, USRK, etc., with columns for station name, coordinates, and observation details.

20d 16h

Table with columns: RAR, RARotonga, 30.38 101, eP, P, 17 01 11.7 -1.4, etc. Includes rows for RAR, RARotonga, RAR, RARotonga, RAR, RARotonga, etc.

2011 AUG

Table with columns: NWAOW, NWAOW, 47.67 242, eP, P, 17 05 26.8, etc. Includes rows for NWAOW, NWAOW, NWAOW, NWAOW, NWAOW, NWAOW, etc.

980

Table with columns: KSM, Kuching, 60.08 283, eP, P, 17 05 08.4 0.0, etc. Includes rows for KSM, Kuching, Kuching, Kuching, Kuching, Kuching, etc.

NJ2	Nanjing	68.75 316	eP	P	17 06 05.3 +0.6
NJ2			pP	pP	17 06 14.3 -1.1
NJ2			sP	sP	17 06 20.0 +0.6
NJ2			S	SS	17 15 04.4 -1.4
NJ2			SKS	SKSKP	17 15 26.6 +3.1
NJ2			pmax	pmax	17 15 57.5 +2.9
	comp=Z,23um,12.0s		LR	LR	
NJ2	comp=Z,41um,24.4s		LR	LR	
NJ2	comp=Z,44um,23.9s		LR	LR	
NJ2	comp=Z,98um,24.9s		LR	LR	
FRIM	Kepong	68.80 281	iP	P	17 06 11.6 +6.2
YSS	Yuzh-Sakhalins	68.82 342a	iP	P	17 06 06.3 +1.6
YSS			e	e	17 06 11.5
YSS			e'SP	sP	17 06 23.2 +3.7
YSS			e	e	17 06 29.2
YSS			eS	S	17 15 06.0 0.0
YSS			eSS	SS	17 19 39.0 +6.9
YSS			pmax	pmax	
YSS	comp=Z,100nm,1.2s		smax	smax	
YSS	comp=N,22um,20.0s		smax	smax	
YSS	comp=E,28um,16.0s		MLR	MLR	
YSS	comp=N,26um,18.0s		MLR	MLR	
YSS	comp=Z,38um,18.0s		MLR	MLR	
YSS	comp=E,14um,16.0s		MLR	MLR	
YSS	Yuzh-Sakhalins	68.82 342	eP	P	17 06 05.3 +0.6
YSS	comp=Z,452nm,1.0s		LR	LR	
YSS	comp=Z,57um,21.0s		LR	LR	
MSHR	Mys Shuitsa	69.45 332c	iP	P	17 06 09.6 +0.8
SKR	Severo-Kuril's	69.48 352a	iP	P	17 06 08.4 -0.2
SKR			eP	eP	17 08 39.8
SKR			eSS	SS	17 15 16.9 +3.2
SKR			pmax	pmax	
SKR	comp=Z,227nm,1.6s		pmax	pmax	
SKR	comp=Z,26um,20.4s		pmax	pmax	
SKR	comp=Z,22um,17.1s		pmax	pmax	
SKR	comp=N,59um,26.5s		smax	smax	
SKR	comp=N,38um,23.0s		smax	smax	
VLA	Vladivostok	69.56 333c	iP	P	17 06 09.6 +0.2
VLA			pmax	pmax	
SISI	Saibi	69.64 276	P	P	17 06 19.2 +8.6
IPM	Iphoh	69.80 282	eP	P	17 06 13.7 +2.1
IPM			eP	eP	17 08 44.2 -2.2
IPM			iP	iP	17 06 18.7 +7.0
MNSI	Mandailing Nat	69.87 278	P	P	17 06 14.1 +2.1
UBPT	Khong Chiam	70.10 294	P	P	17 06 15.3 +2.0
UBPT	Khong Chiam	70.10 294	P	P	17 06 15.5 +2.2
USRK	Ussuriysk Ar.	70.38 333	P	P	17 06 15.5 +1.1
USRK	comp=Z,75nm,1.1s,baz=138,slow=4,1,SNR=81				PKP2bc
USRK	comp=Z,75nm,1.1s,baz=138,slow=4,1,SNR=81				PKP2bc
KULM	Kulim	70.44 283	P	P	17 06 17.0 +1.5
KULM	comp=Z,228nm,1.3s		LR	LR	
KULM	Kulim	70.44 283	iP	P	17 06 21.6 +6.0
WHN	Wuhan	70.88 313	iP	P	17 06 18.3 +0.5
WHN			eP	eP	17 06 38.3 0.0
WHN			S	S	17 15 34.0 +3.0
WHN			SS	SS	17 20 07.1 +2.6
WHN			LR	LR	
WHN	comp=Z,74um,20.9s		LR	LR	
WHN	comp=Z,102um,20.2s		LR	LR	
SMY	Shemya	70.90 4	eP	P	17 06 14.9 -2.5
SMY	comp=Z,344nm,1.3s		pmax	pmax	
SMY	Shemya	70.90 4	eP	P	17 06 14.9 -2.5
SMY	comp=Z,344nm,1.3s		pmax	pmax	
SKLT	Songkhla	71.16 284	P	P	17 06 27.5 +7.6
SKLT	comp=Z,288nm,0.7s,comp=Z,11um				
SKLT	Songkhla	71.16 284	P	P	17 06 26.8 +6.9
SKLT	comp=Z,156nm,1.2s				
PSI	Prapat	71.17 280	LR	LR	17 40 53.5
PET	Petrovlovsk	71.47 354	iP	P	17 06 20.7 -0.1
PET	comp=Z,112um,18.9s,baz=129,slow=39				
PET	Petrovlovsk	71.47 354	iS	S	17 15 42.6 +5.8
PET			pmax	pmax	
PET	comp=Z,120nm,1.3s		pmax	pmax	
PET	comp=Z,35um,21.7s		pmax	pmax	
PET	comp=Z,26um,17.6s		smax	smax	
PET	comp=N,19um,20.2s		smax	smax	
PET	comp=E,34um,24.0s				
PET	Petrovlovsk	71.47 354	eP	P	17 06 20.6 -0.3
PET	comp=E,173nm,1.1s		LR	LR	
PET	comp=Z,64um,21.0s		LR	LR	
DL2	Dalian	71.58 323	iP	P	17 06 22.6 +0.7
DL2			sP	sP	17 06 36.1 -0.5
DL2			S	SS	17 15 43.5 +4.8
DL2			pmax	pmax	
DL2	comp=Z,320nm,1.0s		pmax	pmax	
DL2	comp=Z,26um,9.9s		LR	LR	
DL2	comp=Z,35um,27.6s		LR	LR	
DL2	comp=Z,62um,22.2s		LR	LR	
DL2	comp=Z,93um,25.9s		LR	LR	
PETK	Petrovlovsk	71.65 353	P	P	17 06 21.9 0.0
PETK	comp=Z,90nm,1.2s,baz=134,slow=7,2,SNR=34				
PETK	comp=Z,44um,21.5s,baz=176,slow=32				
PETK	Petrovlovsk	71.65 353	P	P	17 06 22.0 0.0
PETK	Mudanjiang	71.76 332	P	P	17 06 32.0 +7.4
MDJ			pP	pP	17 06 37.0 -0.6
MDJ			sP	sP	17 06 41.3 -0.3
MDJ			S	S	17 15 41.6 +1.1
MDJ			SKS	SKSac	17 16 19.3 -4.5
MDJ			pmax	pmax	
MDJ	comp=Z,390nm,0.9s		pmax	pmax	
MDJ	comp=Z,16um,9.5s		LR	LR	
MDJ	comp=Z,53um,40.8s		LR	LR	
MDJ	comp=Z,56um,31.4s		LR	LR	
MDJ	comp=Z,63um,28.2s		LR	LR	
QSPA	South Pole Qui	71.77 180	eP	P	17 06 22.4 -0.5
QSPA	comp=Z,3um,1.0s		LR	LR	
CHBT	CHBT	71.79 291	P	P	17 06 26.3 +2.7
CHBT	comp=Z,172nm,1.3s,comp=Z,16um				
CHBT	comp=Z,172nm,1.3s,comp=Z,16um				
GSI	Gunungsitoli	71.93 278	P	P	17 06 32.0 +7.4
GSI	comp=Z,471nm,1.1s,comp=Z,14um				
GSI	Gunungsitoli	71.93 278	eP	P	17 06 24.2 -0.3
GSI	comp=Z,440nm,1.0s				
SKNT	Sakolnakorn	72.12 295	P	P	17 06 26.9 +1.3
SKNT	comp=Z,446nm,1.6s,comp=Z,15um				
SKNT	Sakolnakorn	72.12 295	P	P	17 06 27.0 +1.3
SKNT	comp=Z,446nm,1.6s,comp=Z,15um				
TRTT	Trang	72.26 285	P	P	17 06 34.2 +7.7
TRTT	comp=Z,222nm,1.1s,comp=Z,11um				
TRTT	Trang	72.26 285	P	P	17 06 33.3 +6.8
TRTT	comp=Z,150nm,1.5s,comp=Z,11um				
TYV	Tymovskoe	72.38 343	eP	P	17 06 28.0 +1.7

TYV	comp=Z,121nm,0.8s		pmax	pmax	
TIA	Tai'an	72.49 319	iP	P	17 06 27.5 +0.1
TIA			S	SS	17 15 50.9 +1.5
TIA			SS	SS	17 20 31.3 +2.3
TIA			pmax	pmax	
TIA	comp=Z,80nm,1.2s		pmax	pmax	
TIA	comp=Z,25um,12.0s		LR	LR	
TIA	comp=Z,33um,20.0s		LR	LR	
TIA	comp=Z,32um,20.0s		LR	LR	
TIA	comp=Z,62um,21.0s		LR	LR	
KCSI	Kotacane, Aceh	72.50 280	P	P	17 06 34.4 +6.4
KCSI	comp=Z,107nm,1.2s,comp=Z,2um				
SNY	Shenyang	72.57 327	iP	P	17 06 28.4 +0.7
SNY			eP	eP	17 09 13.1 +3.4
SNY			S	SS	17 15 56.9 -3.1
SNY			SS	SS	17 20 32.4 +2.4
SNY			LR	LR	
SNY	comp=Z,26um,21.0s		LR	LR	
SNY	comp=Z,53um,21.4s		LR	LR	
SNY	comp=Z,76um,19.9s		LR	LR	
HABR	Khabarovsk	72.69 338c	iP	P	17 06 26.6 -1.7
HABR			eP	eP	17 06 38.1 -0.9
HABR			e	e	17 06 43.3
HABR			e	e	17 09 07.9
HABR			ePPP	PPP	17 10 52.4
HABR			eS	S	17 15 49.3 -1.7
HABR			e	e	17 16 30.2
HABR			eSS	SS	17 20 29.6 -1.9
HABR			pmax	pmax	
HABR	comp=N,47nm,1.9s		pmax	pmax	
HABR	comp=Z,219nm,1.9s		pmax	pmax	
HABR	comp=E,50nm,1.8s		pmax	pmax	
HABR	comp=Z,3um,4.1s		MLR	MLR	
HABR	comp=E,16um,20.0s		MLR	MLR	
HABR	comp=Z,21um,18.0s		MLR	MLR	
HABR	comp=N,21um,19.0s		MLR	MLR	
SURA	Surathani	72.81 286	P	P	17 06 37.9 +8.1
SURA	comp=N,126nm,0.9s				
SURA	Surathani	72.81 286	P	P	17 06 36.1 +6.3
SURA	comp=N,122nm,2.2s				
SURA	Surathani	72.81 286	P	P	17 06 39.5 +8.8
SURA	comp=N,133nm,1.1s,comp=N,14um				
CHANGCHUN	Changchun	73.07 329	eP	P	17 06 31.0 +0.4
CHANGCHUN			eP	eP	17 09 43.8 -1.6
CHANGCHUN			eP	eP	17 09 16.3 +2.4
CHANGCHUN			eS	SS	17 15 52.8 -2.7
CHANGCHUN			eSS	SS	17 20 34.8 -2.7
CHANGCHUN			pmax	pmax	
CHANGCHUN	comp=N,80nm,1.4s		LR	LR	
CHANGCHUN	comp=N,37um,22.0s		LR	LR	
CHANGCHUN	comp=N,34um,22.0s		LR	LR	
CHANGCHUN	comp=N,34um,22.0s		LR	LR	
PATY	Pattaya	73.16 290	P	P	17 06 41.1 +9.3
PATY	Pattaya	73.16 290	P	P	17 06 37.2 +5.4
PATY	comp=N,51nm,0.9s,comp=N,100nm				
PATY	Nongkai	73.32 296	P	P	17 06 34.1 +1.4
PATY	comp=N,46nm,1.1s				
PATY	Nongkai	73.32 296	P	P	17 06 34.0 +1.4
PATY	comp=N,230nm,2.2s				
SURT	Suratani	73.50 285	P	P	17 06 42.1 +8.3
SURT	comp=N,234nm,1.5s,comp=N,4um				
SURT	Suratani	73.50 285	P	P	17 06 42.2 +8.4
SURT	comp=N,47nm,2.7s,comp=N,4um				
PKDT	Phuket	73.53 284	P	P	17 06 41.3 +7.3
PKDT	comp=N,90nm,1.5s,comp=N,10um				
PKDT	Meulaboh, Aceh	74.03 280	P	P	17 06 44.3 +7.3
PKDT	comp=N,497nm,1.2s,comp=N,13um				
ENH	Enshi	74.21 310	eP	P	17 06 37.9 +0.2
ENH	comp=N,5.6nm,0.1s		LR	LR	
ENH	comp=Z,82um,22.0s		LR	LR	
PHET	Kaeng Krachan	74.26 290	P	P	17 06 47.6 +9.4
PHET	comp=Z,42nm,0.9s,comp=Z,408nm				
PHET	Kaeng Krachan	74.26 290	P	P	17 06 43.7 +5.5
PHET	comp=Z,42nm,0.9s,comp=Z,414nm				
GYA	Guiyang	74.36 305	iP	P	17 06 39.8 +1.0
GYA			pP	pP	17 06 51.0 -2.6
GYA			sP	sP	17 09 27.4 +2.0
GYA			S	S	17 16 08.8 -2.3
GYA			sS	sS	17 16 30.0 +1.0
GYA			SKS	SKSac	17 16 38.4 -6.1
GYA			pmax	pmax	
GYA	comp=Z,90nm,1.0s		LR	LR	
GYA	comp=Z,20um,18.9s		LR	LR	
GYA	comp=Z,43um,22.0s		LR	LR	
GYA	comp=Z,64um,23.6s		LR	LR	
KLR	Kul'dur	74.55 336	PKPPKP	P'P'df	17 34 05.0 +0.2
KLR	comp=Z,2.1nm,0.9s,baz=319,slow=5.5,SNR=4.5				
KLR	comp=Z,86um,21.8s,baz=149,slow=32				
KLR	Kul'dur	74.55 336	iP	P	17 06 40.4 +1.2
KLR	comp=Z,157nm,2.4s,comp=Z,13um				
PBK	Sadao Pong	74.56 294	P	P	17 06 42.0 +2.1
PBK	comp=Z,157nm,2.4s,comp=Z,13um				
PBK	Sadao Pong	74.56 294	P	P	17 06 41.7 +1.8
PBK	comp=Z,157nm,2.4s,comp=Z,13um				
NKL	Nikolayevsk	74.97 343	eP	P	17 06 42.0 +0.5
NKL			e	e	17 16 18.0
NKL			pmax	pmax	
NKL	comp=N,130nm,0.9s		pmax	pmax	
NKL	comp=E,220nm,0.9s		pmax	pmax	
NKL	comp=Z,800nm,0.9s		pmax	pmax	
UNV	Unalaska Valle	75.09 15	eP	P	17 06 42.1 0.0
UNV	comp=Z,118nm,1.0s				
UNV	SRDT	75.28 291	eP	P	17 06 55.9 -1.1
UNV	comp=Z,443nm,2.5s,comp=Z,37um				
UNV	SRDT	75.28 291	P	P	17 06 47.5 +3.3
UNV	comp=Z,443nm,2.5s,comp=Z,37um				

ADKI	ADKI	93.11 286	eP	I	17 08 17.1	+1.0
ADKI	ADKI		I	I	17 08 30.4	
ADKI	ADKI		eSKS	SKS	17 18 48.8	+1.8
ADKI	ADKI		IVMs_BB	IVMs_BB	17 50 36.7	
TIXI	TIXI	93.58 348c	iP	P	17 08 14.6	-1.4
TIXI	TIXI		pmax	pmax		
TIXI	TIXI		MLR	MLR		
TIXI	TIXI	93.58 348	PFAKE	LR	17 08 30.0	+1.4
DUG	DUG	93.61 49	P	P	17 08 15.7	-1.4
DUG	DUG		PFAKE	LR	17 08 30.0	+1.3
KOLN	KOLN	93.63 298	eP	P	17 08 17.2	-0.3
TRD	TRD	93.67 278	eP	P	17 08 16.4	-1.4
HLID	HLID	93.72 45	iex	P	17 08 16.2	-1.3
HLID	HLID	93.72 45	PFAKE	LR	17 08 30.0	+1.2
NEW	NEW	93.76 40	PKPPK	P'P'df	17 33 37.7	+6.4
NEW	NEW	93.76 40	P	P	17 41 48.0	
NEW	NEW	93.76 40	eP	P	17 08 15.5	-1.9
RCLA	RCLA	93.92 285	eP	I	17 08 19.4	+0.6
RCLA	RCLA		I	I	17 08 33.8	
RCLA	RCLA		eSKS	SKS	17 18 50.7	-0.9
RCLA	RCLA		IVMs_BB	IVMs_BB	17 53 48.0	
NJS	NJS	93.93 286	eP	I	17 08 16.9	-1.9
NJS	NJS		I	I	17 08 33.9	
NJS	NJS		eSKS	SKS	17 18 53.0	+1.3
NJS	NJS		IVMs_BB	IVMs_BB	17 58 53.6	
SRLM	SRLM	94.17 285	eP	I	17 08 20.0	-0.1
SRLM	SRLM		I	I	17 08 35.1	
SRLM	SRLM		eSKS	SKS	17 18 54.1	+1.1
SRLM	SRLM		IVMs_BB	IVMs_BB	17 53 57.0	
W18A	W18A	94.17 55	P	P	17 08 18.5	-1.4
W18A	W18A		P	P	17 08 19.9	-0.5
RYUN	RYUN	94.25 298	eP	P	17 08 21.8	-0.3
RPR	RPR	94.64 288	eP	I	17 08 21.8	-0.3
RPR	RPR		I	I	17 08 35.4	
RPR	RPR		eSKS	SKS	17 18 55.7	+0.3
RPR	RPR		IVMs_BB	IVMs_BB	18 03 09.1	
121A	121A	94.88 57	P	P	17 08 22.2	-1.0
HYB	HYB	94.88 287	iP	S	17 08 22.0	-1.3
HYB	HYB		S	S	17 19 32.0	-3.4
HYB	HYB	94.88 287	eP	I	17 08 21.8	-1.5
HYB	HYB		I	I	17 08 30.8	
HYBB	HYBB	94.88 287	eP	P	17 08 20.1	-3.2
HYBB	HYBB		I	I	17 08 36.6	
HYBB	HYBB		eSKS	SKS	17 18 56.3	-0.5
HYBB	HYBB		IVMs_BB	IVMs_BB	17 59 35.6	
HWUT	HWUT	94.99 48	PFAKE	LR	17 08 30.0	+6.5
MSO	MSO	95.22 42	P	P	17 08 22.7	-1.5
JBP	JBP	95.32 293f	eP	P	17 08 25.3	+0.2
JBP	JBP		AMB	AMB	17 08 25.5	
JBP	JBP		ex	ex	17 12 19.6	
URV	URV	95.33 284	eP	I	17 08 25.4	-0.0
URV	URV		I	I	17 08 40.7	
URV	URV		eSKS	SKS	17 19 00.1	+0.9
URV	URV		IVMs_BB	IVMs_BB	17 57 26.9	
SRSP	SRSP	95.52 288	eP	I	17 08 25.7	-0.5
SRSP	SRSP		I	I	17 08 41.1	
SRSP	SRSP		eSKS	SKS	17 18 58.8	-1.3
SRSP	SRSP		IVMs_BB	IVMs_BB	17 47 19.4	
AHID	AHID	95.70 47	PFAKE	LR	17 08 40.0	+1.3
WMQ	WMQ	95.74 314	p	P	17 08 27.0	+0.3
WMQ	WMQ		p	p	17 08 35.8	-1.9
WMQ	WMQ		sp	sp	17 08 41.9	+0.2
WMQ	WMQ		pp	pp	17 12 18.8	-0.1
WMQ	WMQ		SKS	SKS	17 18 56.1	-4.3
WMQ	WMQ		SS	SS	17 19 35.8	-6.1
WMQ	WMQ		SS	SS	17 26 09.4	-2.9
WMQ	WMQ		pmax	pmax		
WMQ	WMQ		pmax	pmax		
WMQ	WMQ		LR	LR		
WMQ	WMQ		LR	LR		
WMQ	WMQ		LR	LR		
WMQ	WMQ		LR	LR		
MVCO	MVCO	95.80 53	P	P	17 08 26.6	-0.7
MVCO	MVCO		PFAKE	LR	17 08 40.0	+1.3
INK	INK	95.99 19	P	P	17 08 27.8	+0.7
INK	INK		PKKPbc	PKKPbc	17 25 19.6	+0.5
INK	INK		LR	LR	17 46 52.2	
Y22D	Y22D	96.04 56	P	P	17 08 26.9	-1.5
BOZ	BOZ	96.29 44	P	P	17 08 27.9	-1.4
BOZ	BOZ		PFAKE	LR	17 08 40.0	+1.1
MNTX	MNTX	96.56 59	P	P	17 08 29.1	-1.5
MNTX	MNTX		PFAKE	LR	17 08 40.0	+9.4
MNTX	MNTX		P	P	17 08 30.5	-0.3
H17A	H17A	96.60 46	P	P	17 08 32.5	+1.3
ANMO	ANMO	96.67 56	P	P	17 08 28.1	
ANMO	ANMO		P	P	17 08 29.4	-1.9
ANMO	ANMO		iP	pmax	17 08 30.7	-0.6
ANMO	ANMO		MLR	MLR		
LKWW	LKWW	96.78 45	PFAKE	LR	17 08 40.0	+8.4
BW06	BW06	96.78 47	P	P	17 08 29.6	-2.1
BW06	BW06		PFAKE	LR	17 08 40.0	+8.4
PDAR	PDAR	96.78 47	P	P	17 08 29.9	-1.8
PDAR	PDAR		PP	PP	17 12 33.6	+6.5

PDAR	PDAR	17 25 18.4	+1.2	PKKPbc	PKKPbc	17 25 18.4	+1.2
PDAR	PDAR	17 33 29.2	+2.6	P'P'df	P'P'df	17 33 29.2	+2.6
PDAR	PDAR	17 47 19.2		LR	LR	17 47 19.2	
KLRI	KLRI	17 08 31.8	-0.5	I	I	17 08 31.8	-0.5
KLRI	KLRI	17 08 46.5		I	I	17 08 46.5	
KLRI	KLRI	17 19 06.8	-0.3	eSKS	SKS	17 19 06.8	-0.3
KLRI	KLRI	17 55 59.8		IVMs_BB	IVMs_BB	17 55 59.8	
O20A	O20A	96.90 50	P	P	17 08 30.7	-1.5	
S22A	S22A	97.22 53	P	P	17 08 32.4	-1.4	
TXAR	TXAR	97.29 62	P	P	17 08 32.7	-1.4	
TXAR	TXAR	17 25 17.7	+2.1	PKKP	PKKP	17 25 17.7	+2.1
TXAR	TXAR	17 45 36.3		LR	LR	17 45 36.3	
BHPL	BHPL	97.59 292	eP	P	17 08 34.4	-1.1	
RLMT	RLMT	97.72 45	P	P	17 08 34.6	-1.2	
RLMT	RLMT	97.72 45	PFAKE	LR	17 08 50.0	+1.4	
SDCO	SDCO	98.23 53	Pdfff	P	17 08 36.4	-2.0	
SDCO	SDCO	98.23 53	PFAKE	LR	17 08 50.0	+1.2	
EGMT	EGMT	98.29 42	Pdfff	P	17 08 36.8	-1.3	
EGMT	EGMT	98.29 42	PFAKE	LR	17 08 50.0	+1.2	
ISCO	ISCO	98.73 51	Pdfff	P	17 08 39.3	-1.2	
ISCO	ISCO	98.73 51	PFAKE	LR	17 08 50.0	+9.4	
ZSN	ZSN	98.78 317	iP	S	17 08 39.4	-0.9	
ZSN	ZSN		eS	MLR	17 19 14.9	-0.8	
ZSN	ZSN		MLR	MLR	17 53 38.3		
K22A	K22A	98.88 48	Pdfff	P	17 08 39.3	-1.7	
T25A	T25A	98.89 54	Pdfff	P	17 08 39.7	-1.6	
DDI	DDI	99.02 299	eP	I	17 08 40.9	-0.9	
DDI	DDI		I	I	17 08 56.8		
NDI	NDI	99.28 297	ex	Pdfff	17 08 38.0	-4.9	
MSTX	MSTX	99.31 57	Pdfff	Pdfff	17 08 40.8	-2.3	
POO	POO	99.48 286	eP	Pdfff	17 08 41.4	-2.7	
EFI	EFI	99.56 153	PFAKE	LR	17 08 50.0	+6.3	
EFI	EFI		LR	LR			
SMLA	SMLA	99.97 299	eP	Pdfff	17 08 44.6	-1.3	
SMLA	SMLA		I	I	17 08 53.7		
PLCA	PLCA	99.98 139	P	Pdfff	17 08 44.0	-2.0	
PLCA	PLCA		PP	PP	17 12 55.8	+5.0	
PLCA	PLCA		LR	LR	17 45 01.1		
832A	832A	100.11 64	Pdfff	Pdfff	17 08 44.2	-2.4	
LAO	LAO	100.20 44	Pdfff	Pdfff	17 08 46.0	-0.7	
LAO	LAO		PFAKE	LR	17 09 00.0	+1.3	
MK31	MK31	100.28 316	iP	Pdfff	17 08 47.7	+0.8	
MK31	MK31		pmax	pmax			
YKA	YKA	100.33 27	P	Pdfff	17 08 46.1	-0.6	
YKA	YKA		AMS	AMS	17 12 59.0	+5.6	
AMTX	AMTX	100.42 57	Pdfff	Pdfff	17 08 46.1	-1.9	
BOM	BOM	100.53 286	eP	Pdfff	17 08 46.1	-2.5	
BOM	BOM		AMB	AMB	17 09 13.6		
BOM	BOM		ex	ex	17 19 26.1		
BOM	BOM		AMS	AMS	18 00 03.9		
933A	933A	100.53 64	Pdfff	Pdfff	17 08 47.5	-1.1	
833A	833A	100.62 64	Pdfff	Pdfff	17 08 47.8	-1.0	
ZALV	ZALV	100.69 323	P	Pdfff	17 08 47.4	-1.1	
ZALV	ZALV		PP	PP	17 13 02.8	+6.4	
ZALV	ZALV		PKKPbc	PKKPbc	17 25 05.0	+0.7	
KSCO	KSCO	100.75 52	Pdfff	Pdfff	17 08 48.3	-1.1	
733A	733A	100.80 63	Pdfff	Pdfff	17 08 48.3	-1.4	
JCT	JCT	100.83 61	Pdfff	Pdfff	17 08 48.1	-1.7	
JCT	JCT		PFAKE	LR	17 09 00.0	+1.0	
PAYG	PAYG	100.85 94	PFAKE	LR	17 09 00.0	+1.0	
034A	034A	100.90 65	Pdfff	Pdfff	17 08 49.1	-1.1	
RSSD	RSSD	101.02 47	Pdfff	Pdfff	17 08 49.5	-1.0	
633A	633A	101.09 63	Pdfff	Pdfff	17 08 50.0	-1.0	
934A	934A	101.18 65	Pdfff	Pdfff	17 08 51.0	-0.4	
035Z	035Z	101.28 66	Pdfff	Pdfff	17 08 51.8	0.0	
834A	834A	101.28 64	Pdfff	Pdfff	17 08 51.1	-0.7	
PDGK	PDGK	101.30 312	P	Pdfff	17 08 53.5	+1.8	
533A	533A	101.36 62	Pdfff	Pdfff	17 08 53.5	-0.7	
035A	035A	101.37 65	Pdfff	Pdfff	17 08 51.8	-0.4	
H25A	H25A	101.45 47	Pdfff	Pdfff	17 08 51.4	-0.8	
734A	734A	101.46 63	Pdfff	Pdfff	17 08 52.3	-0.3	
433A	433A	101.49 61	Pdfff	Pdfff	17 08 50.7	-2.0	
ABTX	ABTX	101.50 59	Pdfff	Pdfff	17 08 51.1	-1.6	
OGNE	OGNE	101.67 51	Pdfff	Pdfff	17 08 52.4	-1.0	
OGNE	OGNE	101.67 51	PFAKE	LR	17 09 00.0	+6.6	
KVXT	KVXT	101.70 65	PFAKE	LR	17 09 00.0	+6.3	
KVXT	KVXT		LR	LR			
333A	333A	101.72 61	Pdfff	Pdfff	17 08 52.4	-1.3	
634A	634A	101.77 63	Pdfff	Pdfff	17 08 53.0	-1.0	
534A	534A	101.82 62	Pdfff	Pdfff	17 08 53.2	-1.0	
KPKS	KPKS	101.90 312	iP	Pdfff	17 08 52.1	-2.3	
KPKS	KPKS		PP	PP	17 13 03.8	-2.2	
KPKS	KPKS		SKS	SKS	17 19 28.6	-2.8	
KPKS	KPKS		SS	SS	17 27 37.3	-1.4	
KPKS	KPKS		MLR	MLR	17 54 36.7	-1.4	
835A	835A	101.94 64	Pdfff	Pdfff	17 08 54.7	0.0	
233A	233A	101.96 60	Pdfff	Pdfff	17 08 53.1	-1.6	
DGMT	DGMT	101.99 43	Pdfff	Pdfff	17 08 53.9	-0.7	
DGMT	DGMT		PFAKE	LR	17 09 10.0	+1.5	

SATY	SATY	102.00 311	eP	PP	17 08 52.6	-2.3
SATY	SATY		PP	PP	17 13 03.8	-3.0
SATY	SATY		S	S	17 19 29.4	-2.5
SATY	SATY		LRM	LRM	17 54 05.5	
ZHN	ZHN	102.01 312	eP	PP	17 08 52.5	-2.4
ZHN	ZHN		PP	PP	17 13 04.3	-2.5
ZHN	ZHN		S	S	17 19 29.3	-2.6
ZHN	ZHN		LRM	LRM	17 54 41.3	
133A	133A	102.09 60	Pdfff	Pdfff	17 08 54.1	-1.3
735A	735A	102.10 63	Pdfff	Pdfff	17 08 55.1	-0.3
936A	936A	102.17 65	Pdfff	Pdfff	17 08 55.4	-0.4
434A	4					

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Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elev, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100. Rows include: 738A Farr-Stevens R, S33A Kaszmaul Farm, V34A Guthrie, 437A Phantom Ranch, TKM2 Tokmak 2, 136A Ennis, J30A Dallas, U34A Anderson Ranch, X35A Drake, R33A Olander Ranch, 638A Rosharon, Z36A Blue Ridge, L31A Butterfield Fa, 337A Centerville, F29A Eureka, W35A Tecumseh, Q33A Connelly Farm, 538A Harpers Horsep, X31A O'Neill, T34A McClaskey Farm, V35A Meyer Ranch, C, 237A Washetta, Mont, 438A Sam Houston St, Y36A Durant, P33A Williams Farm, J31A Geddes, X36A Centrahoma, BGNE Belgrade, SUSD Miller, S34A Willow Spring, FRU Bishkek, 137A Heron Place, G, R34A Isabella, Hill, FFC Flin Flon, U35A Pawnee, AAK Ala-Archa, AAK Ala-Archa, HOPE Hope Point, 338A Crockett, Q36A Hebron, W33A Wetumka, L32A Elgin, MDND Maddock, I31A Royce, Wessing, Z37A Pogue Cattle C, T35A Sooner Cattle, H31A Wolsey, K32A Verdigre, 539A Cross D Ranch, N33A J Bar K, Exete, Q34A Chapman, 238A Jacksonville, 439A Center Grove, V36A Jenks, J32A Parkston, 138A Matatal Enter, P34A Walnut Farm, R, G35A Otter Creek Ra, S31A Conde, KSU1 Kansas State U, KSU1 Kansas State U, TUL1 Leonard, M33A Taylor Creek F, F31A Hecla, 339A Huntington, NATX Nacogdoches, NATX Nacogdoches, X37A Clayton, L33A Hoskins, Z38A Mt. Pleasant, W37B Quinton, O34A Beatrice, U36A Oologah, R35A Emporia Munci, T36A Boggs Farm, Ca, I32A Karley and Nic, 239A Gary, 540A Vidor, K33A Hardington, Q35A Mercer Eighty, H32A Carlson Farm, N34A Lincoln

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244A	Avery, Jackson	108.78	62	Pdiff	Pdiff	17 09 24.5	-0.6
K38A	Parkersburg	108.79	50	Pdiff	Pdiff	17 09 23.9	-0.9
Q04A	Laux Farm, Aux	108.79	54	Pdiff	Pdiff	17 09 22.6	-2.3
B35A	Bob, Littlefor	108.83	44	Pdiff	Pdiff	17 09 24.7	-0.2
S41A	Jillico Farms,	108.83	56	Pdiff	Pdiff	17 09 24.6	-0.6
V42A	Cord	108.84	58	Pdiff	Pdiff	17 09 24.0	-1.2
445A	Amite	108.84	63	Pdiff	Pdiff	17 09 25.2	-0.1
P40A	Paris	108.89	54	Pdiff	Pdiff	17 09 23.5	-1.9
Y43A	Makayla and Ka	108.90	60	Pdiff	Pdiff	17 09 25.4	-0.2
H37A	Dierke Farm, C	108.93	46	Pdiff	Pdiff	17 09 24.8	-0.6
E36A	McGregor	108.93	46	Pdiff	Pdiff	17 09 24.9	-0.6
VBMS	Vicksburg	108.95	61	Pdiff	Pdiff	17 09 24.8	-1.0
BVA0	Borovoye Array	108.97	321	i P	Pdiff	17 09 30.4	+5.0
BVA0					pmax		
BVAR	Borovoye Array	108.97	321	PKIKP	PKIKP	17 13 30.6	+0.8
BVAR							
BRVK	Borovoye	109.04	321	PFAKE	PKKpbc	17 13 38.2	-0.9
BRVK					LR	17 13 40.0	
X43A	Marvell	109.04	59	Pdiff	Pdiff	17 09 25.6	-0.5
U42A	Revendon	109.05	57	Pdiff	Pdiff	17 09 25.7	-0.5
646A	Port Sulphur	109.07	64	Pdiff	Pdiff	17 09 26.3	-0.1
M39A	Webster	109.07	52	Pdiff	Pdiff	17 09 25.7	-0.4
D36A	Goodland	109.07	46	Pdiff	Pdiff	17 09 24.5	-1.5
J38A	Wedel Dairy, R	109.09	50	Pdiff	Pdiff	17 09 24.5	-1.7
SPMM	Marine on St.	109.09	48	Pdiff	Pdiff	17 09 24.5	-1.6
144A	Alexander Plac	109.10	61	Pdiff	Pdiff	17 09 27.7	+1.2
O40A	La Belle	109.11	53	Pdiff	Pdiff	17 09 25.2	-1.2
345A	Thompson Farm,	109.20	62	Pdiff	Pdiff	17 09 25.9	-1.0
Z44A	Pea Ridge, Bel	109.20	60	Pdiff	Pdiff	17 09 25.9	-1.0
R41A	Rosebud	109.23	55	Pdiff	Pdiff	17 09 25.4	-1.5
NNA	Nana	109.26	110	PFAKE	LR	17 13 40.0	
NNA					LR		
W43A	Forest City	109.27	58	Pdiff	Pdiff	17 09 26.1	-1.1
546A	Slidell	109.28	64	Pdiff	Pdiff	17 09 27.3	+0.1
L39A	Vinton	109.28	51	Pdiff	Pdiff	17 09 25.5	-1.6
I38A	Scanlan Farm,	109.28	49	Pdiff	Pdiff	17 09 25.5	-1.5
C36A	Pine Crest Far	109.36	45	Pdiff	Pdiff	17 09 26.3	-1.0
H38A	Malden Rock	109.39	48	Pdiff	Pdiff	17 09 25.1	-2.4
Q41A	Truxton	109.44	54	Pdiff	Pdiff	17 09 27.1	-0.8
K39A	Delwein	109.44	50	Pdiff	Pdiff	17 09 26.4	-1.3
245A	Little AP, Sta	109.44	62	Pdiff	Pdiff	17 09 26.4	-1.6
Y44A	Strider, Charl	109.50	60	Pdiff	Pdiff	17 09 27.1	-1.1
145A	Houston Renfro	109.51	61	Pdiff	Pdiff	17 09 30.4	+2.1
V43A	Jonesboro	109.51	58	Pdiff	Pdiff	17 09 27.8	-0.4
E37A	Wrenshall	109.53	46	Pdiff	Pdiff	17 09 27.3	-0.8
D37A	Cotton	109.57	46	Pdiff	Pdiff	17 09 26.1	-2.2
S42A	Caledonia	109.61	56	Pdiff	Pdiff	17 09 26.7	-1.9
X44A	Crenshaw	109.64	59	Pdiff	Pdiff	17 09 25.5	-3.3
J39A	Decorah	109.65	50	Pdiff	Pdiff	17 09 25.5	-3.1
P41A	Barry, Barry	109.67	54	Pdiff	Pdiff	17 09 28.1	-0.7
446A	Poplarville	109.68	63	Pdiff	Pdiff	17 09 28.7	-0.3
462A	Luebering	109.68	55	Pdiff	Pdiff	17 09 28.8	-0.1
346A	Big Creek Wild	109.69	62	Pdiff	Pdiff	17 09 29.4	+0.3
U43A	Rector	109.71	57	Pdiff	Pdiff	17 09 29.5	+0.4
G38A	Ridgeland	109.75	48	Pdiff	Pdiff	17 09 28.3	-0.8
MSEY	Mahe Island	109.79	258	PFAKE	LR	17 13 40.0	
MSEY					LR		
C37A	Embarrass	109.79	45	Pdiff	Pdiff	17 09 29.0	-0.2
Z45A	Winona	109.83	60	Pdiff	Pdiff	17 09 29.0	-0.7
139A	Houston	109.84	49	Pdiff	Pdiff	17 09 28.5	-1.0
L40A	Anamosa	109.85	51	Pdiff	Pdiff	17 09 29.1	-0.5
O41A	Passleys Farm,	109.86	53	Pdiff	Pdiff	17 09 29.1	-0.5
Q42A	Greenville	109.91	56	Pdiff	Pdiff	17 09 29.9	-0.1
T43A	Green Eagle	109.97	54	Pdiff	Pdiff	17 09 29.3	-0.8
K40A	Colesburg	109.99	50	Pdiff	Pdiff	17 09 28.7	-1.4
W44A	Shelby Farms P	110.00	59	Pdiff	Pdiff	17 09 30.7	+0.3
Y44A	Yeager Farm, C	110.03	60	Pdiff	Pdiff	17 09 30.7	+0.1
ARU	Blytheville	110.04	58	Pdiff	Pdiff	17 09 29.5	-1.1
H39A	Augusta	110.10	48	Pdiff	Pdiff	17 09 29.6	-1.0
S43A	Fulton Ridge,	110.14	56	Pdiff	Pdiff	17 09 29.7	-1.4
P42A	Winchester	110.20	54	Pdiff	Pdiff	17 09 28.5	-2.7
X45A	UM Field Stati	110.24	59	Pdiff	Pdiff	17 09 29.2	-2.3
146A	Union	110.24	61	Pdiff	Pdiff	17 09 29.8	-1.7
G39A	Holcombe	110.25	48	Pdiff	Pdiff	17 09 31.2	-0.1
EYMN	Ely	110.27	45	Pdiff	Pdiff	17 09 30.6	-0.8
EYMN	Ely	110.27	45	PFAKE	LR	17 13 40.0	
M41A	Milan	110.27	52	Pdiff	Pdiff	17 09 30.6	-0.9
447A	Lucedale	110.28	63	Pdiff	Pdiff	17 09 29.2	-2.5
U44A	Portageville	110.31	57	Pdiff	Pdiff	17 09 32.5	+0.8
R43A	Red Bud	110.35	55	Pdiff	Pdiff	17 09 31.3	-0.6
J40A	Soldiers Grove	110.36	50	Pdiff	Pdiff	17 09 30.7	-1.1
L41A	Preston	110.39	51	Pdiff	Pdiff	17 09 30.8	-1.2
C38A	Sawbill Land.	110.40	45	Pdiff	Pdiff	17 09 30.8	-1.1
Z46A	Louisville	110.42	61	Pdiff	Pdiff	17 09 32.1	-0.2
T44A	Benton	110.46	56	Pdiff	Pdiff	17 09 32.2	-0.2

347A	Saraland	110.47	63	Pdiff	Pdiff	17 09 32.2	-0.4
O42A	Bath	110.48	53	Pdiff	Pdiff	17 09 30.3	-2.1
I40A	Northgate	110.50	49	Pdiff	Pdiff	17 09 28.4	-4.0
W45A	Hickory Valley	110.52	59	Pdiff	Pdiff	17 09 31.0	-1.7
247A	Quilman	110.52	62	Pdiff	Pdiff	17 09 32.9	+0.1
U44B	Burton Farm, H	110.55	57	Pdiff	Pdiff	17 09 32.3	-0.5
K41A	Shullsburg	110.59	51	Pdiff	Pdiff	17 09 31.8	-1.1
Y46A	Houston	110.60	60	Pdiff	Pdiff	17 09 31.8	-1.3
Q43A	New Douglas	110.62	55	Pdiff	Pdiff	17 09 31.2	-1.9
JFWS	Jewell Farm	110.66	50	PFAKE	LR	17 13 40.0	
JFWS					LR		
H40A	Chili	110.73	48	Pdiff	Pdiff	17 09 32.1	-1.4
V45A	Humboldt	110.78	58	Pdiff	Pdiff	17 09 31.5	-2.4
S44A	Carbondale	110.81	56	Pdiff	Pdiff	17 09 32.2	-1.7
P43A	Pawnee	110.84	54	Pdiff	Pdiff	17 09 33.6	-0.5
M42A	Sheffield	110.87	52	Pdiff	Pdiff	17 09 33.0	-1.1
J41A	Loganville	110.88	50	Pdiff	Pdiff	17 09 33.6	-0.5
147A	Livingston	110.90	61	Pdiff	Pdiff	17 09 33.0	-1.5
448A	Bay Minette	110.97	63	Pdiff	Pdiff	17 09 36.3	+1.5
R44A	Watonville	111.01	55	Pdiff	Pdiff	17 09 32.6	-2.2
348A	Jackson	111.02	63	Pdiff	Pdiff	17 09 33.8	-1.2
U45A	Rockin P Farm,	111.02	57	Pdiff	Pdiff	17 09 33.9	-1.0
I41A	Arkdale	111.05	49	Pdiff	Pdiff	17 09 35.3	+0.4
LVC	Limon Verde	111.06	124	PFAKE	LR	17 13 50.0	
LVC					LR		
O43A	Sugar Creek Fa	111.07	53	Pdiff	Pdiff	17 09 34.6	-0.4
ABPO	Ambohimpnom	111.09	241	PFAKE	LR	17 13 50.0	
ABPO					LR		
HDIL	Hopedale	111.12	53	Pdiff	Pdiff	17 09 35.4	+0.1
HDIL	Hopedale	111.12	53	PFAKE	LR	17 13 40.0	
HDIL					LR		
Q44A	Meyer Farm, Va	111.14	55	Pdiff	Pdiff	17 09 34.8	-0.6
Z47A	Carrollton	111.15	61	Pdiff	Pdiff	17 09 35.4	-0.2
H39A	Grand Marais	111.18	45	Pdiff	Pdiff	17 09 35.5	+0.2
C41A	Junction City	111.25	48	Pdiff	Pdiff	17 09 33.7	-2.1
248A	Dixon Mills	111.26	62	Pdiff	Pdiff	17 09 36.9	+0.8
S45A	Carrie Mills	111.34	56	Pdiff	Pdiff	17 09 35.8	-0.5
LPA	La Plata	111.40	141	PKIKP	PKIKP	17 13 32.0	-3.0
LPA					PP	17 14 15.0	+0.1
LPA					eSS	17 29 44.0	-2.2
Y47A	UCPARC, Winfie	111.43	60	Pdiff	Pdiff	17 09 35.9	-0.9
P44A	Sand Creek, Wi	111.51	54	Pdiff	Pdiff	17 09 35.5	-1.6
Z48A	Northport	111.60	61	Pdiff	Pdiff	17 09 37.5	0.0
BRAL	Brewton	111.70	63	PFAKE	LR	17 13 50.0	
BRAL					LR		
COWI	Conover	111.73	47	PFAKE	LR	17 13 50.0	
COWI					LR		
SPIN	Lafayette	112.77	53	Pdiff	Pdiff	17 09 42.4	-0.2
BCIP	Isla Barro Col	113.72	88	PFAKE	LR	17 13 50.0	
BCIP					LR		
WSAR	Wadi Sarin	114.40	288	PKP	PKP	17 13 41.0	-0.1
WSAR					PKKpbc	17 24 26.5	+0.4
SVE	Sverdiolvsk	114.64	325	i PKIKP	PKKpbc	17 13 42.7	+2.3
SVE					e	17 24 09.4	
SVE					pmax		
SVE					pmax		
TIGA	Tifton	114.67	63	Pdiff	Pdiff	17 09 49.8	-1.5
LPZ	La Paz	114.88	118	Pdiff	Pdiff	17 09 57.4	+4.0
LPZ					PKP	17 13 43.8	+0.9
LPZ					PKKpbc	17 24 20.6	+1.3
LPZ					PKKpbc	17 24 20.6	+1.3
TKL	Tuckaleechee C	114.97	59	PKP	PKKpbc	17 24 38.6	-4.1
GOGA	Godfrey	115.00	61	PFAKE	LR	17 13 50.0	+8.2
GOGA					LR		
AB31	Akbulak array	115.41	316	i P	Pdiff	17 10 07.4	+1.3
AB31					pmax		
AAM	Ann Arbor	115.47	51	PFAKE	LR	17 13 50.0	+7.5
AAM					LR		
ARU	Arti</						

Table with columns for country codes (ISR, GKP, MLR, etc.), names (Istrita, Gorka Klasztor, etc.), coordinates, and various performance metrics (PKPdf, P, etc.).

Table with columns for country codes (VYHS, UPC, etc.), names (Upice, Malo Peshtene, etc.), coordinates, and various performance metrics (e, P, etc.).

Table with columns for country codes (TREC, SRS, etc.), names (Trest, Serrai, etc.), coordinates, and various performance metrics (eP, P, etc.).

2011 AUG

2011h

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes entries like DID Didima, VAM Vamos, LOUT Loutrakis, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes entries like SOTA Sankt Quirin, SSW Stow on the Woe, LANF Langenberg, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes entries like DFRA Djebel Bou Aff, PBRG Braganca, PBRG Braganca, etc.

CSEM 20 17:00:27.0, 15:16N-42:48E, h0km, ML3.8
DHMR 20 17:00:27.0-0.9, 15:16N-42:48E, h0km±1km, ML3.8,
Western Arabian Peninsula
Code Station Name Az AzZ Phase ID Time Res

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

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

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

NEIC 20 17:08:42.5i, 1.0, 311.195x:179.40W, h237km, 10km, mb4.6/25. Error ellipse: s-maj=11.1km s-min=9.2km az=111.0

IDC 20 17:08:43.6i, 1.5, 311.135x:179.27W, h248km, 14km, mb4.0/13, mb1 4.1/15, mb1mx3.9/39, mbtmp4.7/15, Error ellipse: s-maj=14.4km s-min=13.1km az=76.0

ISC 20 17:06:43.0i, 4.1, 313.665x:0.05:179.37W:0.08, h250km, 1115, 27:06/4114, mb4.5/28, 2C, Kermedac Islands region

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

20d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NOA, MMAL, AKASG, BRTR, TORD.

IDC 20 17:09:35.7±1.8, 18.565±168.29E, h0km, mb4.3/9, mb1 4.4/10, mb1mx4.1/45, mbtmp4.3/10, ML3.4/1, Error ellipse: s-maj=53.3km s-min=22.7km az=131.0

ISCJB 20 17:09:38.9±1.2, 18.575±0.08, 168.1E±0.2, h29km, mb4.3/12, Error ellipse: s-maj=26.3km s-min=9.5km az=14.5

NEIC 20 17:09:40.8±1.0, 18.535±168.21E, h35km, mb4.7/5, Error ellipse: s-maj=21.6km s-min=13.5km az=104.0

ISC 20 17:09:40.3±1.3, 18.565±0.09, 168.2E±0.2, h29km, n20, e083/21, mb4.3/12, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM, DZM, HNR, CTA, QLP, WRAB, WRA, AS31, ASAR, FITZ, FITZ, MBWA, NWAOW, USRK, CMAR, SONAO, SONM, ILAR, ILB, DAVOX.

IDC 20 17:10:48.8±1.2, 18.365±168.38E, h0km, mb4.5/13, mb1 4.5/15, mb1mx4.2/46, mbtmp4.5/15, ML3.6/2, Error ellipse: s-maj=39.6km s-min=18.5km az=115.0

ISCJB 20 17:10:52.0±0.5, 18.345±0.07, 168.13E±0.09, h29km, mb4.5/17, Error ellipse: s-maj=12.3km s-min=9.9km az=28.0

NEIC 20 17:10:55.3±0.9, 18.355±168.15E, h39km, mb4.7/5, Error ellipse: s-maj=10.2km s-min=8.4km az=141.0

ISC 20 17:10:54.0±0.6, 18.395±0.08, 168.12E±0.10, h29km, n34, e1507/34, mb4.5/17, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM, DZM, MSVF, HNR, HNR, STKA, AS31, ASAR, FITZ, NWAOW, USRK, QSPA, PETK, PEA1, CN2, KLR, CM01, CM31, CMAR, MA2, YAK, YAK, GTO, GTA, GTA, SONAO, SONM, SONAI, AFDM, ILAR, ILB, SNA, SNA, ACSO, DYN, DENA.

ISCJB 20 17:11:09.0±0.7, 37.62N±0.03, 141.91E±0.07, h52km, 6km, mb4.0/8, Error ellipse: s-maj=9.0km s-min=4.6km az=16.3

NEIC 20 17:11:10.1±1.0, 17.37±0.1N, 142.04E, h52km, 7km, mb4.4/2, Error ellipse: s-maj=10.3km s-min=6.5km az=113.0

NEIC Recoded [2 JMA] in Fukushima

IDC 20 17:11:10.1±3.4, 37.62N±142.03E, h51km±24km, mb3.7/4, mb1 3.8/8, mb1mx3.5/78, mbtmp3.9/8, ML3.8/3, Error ellipse: s-maj=48.4km s-min=27.3km az=105.0

JMA 20 17:11:11.3±3.7, 37.64N±141.74E, h48km±2km, ML4.0 JMA Felt II J1

ISC 20 17:11:10.7±1.2, 37.84N±0.04, 141.77E±0.07, h43km±14km, n40, e1976/50, mb4.0/6, 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, JMK, JFM, JMM.

2011 AUG

Table with columns: JIO, Ouri, JIO, ONAJ, ONAJ, OKURA, JIO, OTAMA, JFT, JFT, JMK, JMK, JMS, JMS, JFY, JFY, JYK, JYK, JOM, JOM, JOM, MJAR, MJAR, MJAR, MAJO, MAJO, MAT, MAT, MJB9, MJB9, ERM, ERM, ERJ, ERJ, ERJ, ERJ, HJH, HJH, HJH, ASAJ, ASAJ, USRK, USRK, CBJ, CBJ, KSRS, KSRS, KS15, KS15, KSAR, KSAR, SONM, SONM, H1N2, H1N2, H1N1, H1N1, H1N3, H1N3, H1S1, H1S1, H1S3, H1S3, H1S2, H1S2, ZAA1, ZAA1, ZALV, ZALV, KURK, KURK, KURB, KURB, AKASG, AKASG, AKKB, AKKB.

IDC 20 17:11:26.0±0.7, 18.475±167.40E, h0km, mb4.6/19, mb1 4.7/22, mb1mx4.5/46, mbtmp4.7/22, ML4.7/3, Error ellipse: s-maj=20.0km s-min=15.0km az=131.0

ISCJB 20 17:11:32.0±0.1, 18.395±0.03, 167.71E±0.03, h29km, mb5.2/109, MS5.8/1, Error ellipse: s-maj=4.3km s-min=4.0km az=9.0

BJJ 20 17:11:33.1, 18.305±168.43E, h42km, mb5.3/11, mb5.7/5, MS5.9/2, MS7.5/8

NEIC 20 17:11:34.4±1.0, 18.345±167.81E, h39km, mb5.4/8, Error ellipse: s-maj=5.5km s-min=5.1km az=224.0

ISC 20 17:11:32.8±0.3, 18.385±0.05, 167.92E±0.05, h29km, n206, e184/207, mb5.3/105, 1C-1D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM, DZM, DZM, DZM, MSVF, HNR, HNR, HNR, HNR, FUNA, LHI, RAO, EIDS, EIDS, EIDS, ARMA, ARMA, RMQ, RMQ, AFI, AFI, CTA, CTA, CTA, CTA, RABL, RABL, HIZ, HIZ, URZ, URZ, BMK, BMK, PMG, PMG, MTSU, MTSU, QLP, QLP, BFZ, BFZ, YNG, YNG, CNB, CNB, SNZO, SNZO, THZ, THZ, CAN, CAN, CAN, CMA, CMA, COEN, COEN, COEN, KHZ, KHZ.

990

Table with columns: LTZ, Lake Taylor, 24.60 172 eP, P, 17 16 49.9 -0.6; OXZ, Oxford, 25.11 173 eP, P, 17 16 55.7 +0.6; FOF, Fox Glacier, 25.12 177 eP, P, 17 16 57.8 +2.6; RPZ, Rata Peaks, 25.39 175 eP, P, 17 16 58.8 +1.1; CRZL, Canterbury Las, 25.43 172 eP, P, 17 16 58.0 +0.1; MQZ, McQueen's Vall, 25.56 172 eP, P, 17 16 58.1 -1.1; MANU, Manus Island, 25.88 307 eP, P, 17 17 03.1 +0.7; LBZ, Lake Benmore, 26.00 176 eP, P, 17 17 03.7 +0.6; WKZ, Wanaka, 26.38 178 eP, P, 17 17 05.9 -0.7; ODD, Otaoua Downs, 26.68 176 eP, P, 17 17 11.0 +1.7; PATS, Pohnphei, 26.79 338 eP, P, 17 17 08.8 -1.8; DCZ, Deep Cove, 27.01 181 eP, P, 17 17 15.2 +3.0; STKA, Stephens Creek, 27.27 235 P, P, 17 17 15.9 +1.1; STKA, Stephens Creek, 27.27 235 P, P, 17 17 16.8 +2.0; TOO, Toolangi, 27.41 221 P, P, 17 17 19.3 +3.4; WHZ, Wether Hill Ro, 27.43 180 eP, P, 17 17 16.1 -0.0; TAU, Tasmania Unive, 30.04 211 eP, P, 17 17 38.1 -1.1; RAR, Rarotonga, 30.50 101 eP, P, 17 17 44.4 +0.8; WC3, Warramunga Arr, 31.70 262 eP, P, 17 17 53.8 -0.4; WB2, Warramunga Arr, 31.72 262 eP, P, 17 17 54.5 +0.2; WRAB, Tennant Creek, 31.72 262 eP, P, 17 17 54.3 -0.1; WR1, Warramunga Arr, 31.73 262 eP, P, 17 17 53.8 -0.7; BWA, Warramunga Arr, 31.73 262 eP, P, 17 17 53.8 -0.7; BR00, Buckleboor, 31.98 237 eP, P, 17 17 57.1 +0.5; AS01, Alice Springs, 32.09 255 eP, P, 17 17 57.2 -0.4; AS31, Alice Springs, 32.13 255 eP, P, 17 17 57.0 -1.0; ASAR, Alice Springs, 32.13 255 eP, P, 17 17 58.5 +0.5; MTN, Mantong Dam, 35.81 273 eP, P, 17 18 27.7 -2.3; SAUI, Saumlaki, 37.05 281 eP, P, 17 18 38.6 -2.0; WKRA, Warakura, 37.31 253 eP, P, 17 18 43.3 +0.6; KRKA, Kunurra, 37.49 268 P, P, 17 18 41.5 -2.8; FORT, Forrest, 38.10 243 eP, P, 17 18 49.8 +0.5; FAKI, Fanning, 38.16 290 eP, P, 17 18 48.0 -2.0; GUMO, Guam, 39.06 323 eP, P, 17 18 54.8 -2.7; XMAS, Christmas, 39.67 63 eP, P, 17 19 01.5 -1.1; FITZ, Fitzroy Crossi, 40.09 264 P, P, 17 19 06.6 +0.5; FITZ, Fitzroy Crossi, 40.09 264 P, P, 17 19 07.2 +1.1; FITZ, Fitzroy Crossi, 40.09 264 eP, P, 17 19 06.8 +0.7; SOEI, Soe, 43.11 275 eP, P, 17 19 29.8 -1.2; MBWA, Marble Bar, 45.30 258 eP, P, 17 19 49.1 +0.7; MMRI, Maurene, 45.35 276 eP, P, 17 19 49.3 +0.5; MEEK, Meekatharra, 46.06 250 P, P, 17 19 55.0 +0.7; KLRB, Kellerberrin, 46.96 244 P, P, 17 20 01.4 +0.1; NWAOW, Narroroin (SRO), 47.05 242 P, P, 17 20 05.2 -0.4; NWAOW, Narroroin (SRO), 47.05 242 P, P, 17 20 05.6 -0.0; LUWI, Luwuk, 47.52 286 eP, P, 17 20 06.0 +0.1; MORW, Morawa, 48.34 247 P, P, 17 20 12.6 +0.5; KAPI, Kappang, 48.48 280 eP, P, 17 20 15.7 -0.4; JAGI, Jagaj, Banyuwya, 53.05 273 eP, P, 17 20 48.1 +0.3; MYLDR, Malindi, 54.05 291 eP, P, 17 20 57.3 +2.2; KKM, Kota Kinabalu, 56.47 291 eP, P, 17 21 13.3 +0.7; UGM, Ulu Gumbau, 56.65 272 eP, P, 17 21 12.6 -1.3; HJH, Mitsune, 57.22 332 eP, P, 17 21 21.1 -0.5; SBUM, Sibum, 58.58 285 eP, P, 17 21 27.4 -0.1; Vnda, Vanda, 59.25 182 eP, P, 17 21 33.0 +1.9; CISI, Cisompot, Garu, 59.31 270 eP, P, 17 21 32.0 -0.7; SBA, Scott Base, 59.53 180 eP, P, 17 21 34.7 +1.8; KSM, Kuching, 59.97 283 eP, P, 17 21 36.7 -0.4; INU, Inuyama, 60.95 331 eP, P, 17 21 43.5 +0.3; MJAR, Matushiro Arr, 61.42 333 eP, P, 17 21 46.1 -0.4; MAJO, Matushiro Arr, 61.42 333 eP, P, 17 21 47.6 +1.1; MJAR, Matushiro Arr, 61.42 333 eP, P, 17 21 47.2 +0.7; YULB, Yulu, 61.61 311 eP, P, 17 21 46.8 -1.2; TATO, Taipei, 62.46 312 eP, P, 17 21 51.0 -2.7; ERM, Ermitage, 64.31 340 eP, P, 17 22 05.6 +0.1; ASAJ, Asahikawa, 66.37 340 eP, P, 17 22 18.4 -0.4; KSRS, Korea Arr, 67.10 326 P, P, 17 22 25.3 +1.7; KS15, Wonju Array Si, 67.11 326 eP, P, 17 22 25.3 +1.6; KSAR, Wonju Array Si, 67.11 326 eP, P, 17 22 25.3 +1.6; KS01, Wonju Array Si, 67.13 326 eP, P, 17 22 21.1 -2.8; QIZ, Qiongzong, 68.07 300 eP, P, 17 22 27.9 -2.3; NJ2, Nanjing, 68.73 316 eP, P, 17 22 33.0 -1.0; YSS, Yuzh-Sakhalin, 68.87 342 eP, P, 17 22 34.9 +0.3; IPM, Ipoh, 69.68 282 eP, P, 17 22 39.9 -0.6; KULM, Kulim, 70.33 283 eP, P, 17 22 43.0 -1.3; USRK, Ussuriysk Arr, 70.41 333 P, P, 17 22 43.0 -1.2; PET, Petropavlovsk, 71.56 354 eP, P, 17 22 49.5 -1.4; DL2, Dalian, 71.58 324 eP, P, 17 22 55.3 +3.9; DL2, Dalian, 71.58 324 eS, S, 17 22 55.3 +1.2; GSPA, South Pole Qui, 71.67 180 eP, P, 17 22 50.5 -1.2; PEAO, Petropavlovsk, 71.74 354 eP, P, 17 22 50.6 -1.4; PEAO, Petropavlovsk, 71.74 354 eP, P, 17 22 50.3 -1.7; PETK, Petropavlovsk, 71.74 354 P, P, 17 22 50.4 -1.6; PEA1, Petropavlovsk, 71.74 354 eP, P, 17 22 50.4 -1.7; GSI, Gunungsitoli, 71.81 278 eP, P, 17 22 53.0 -0.4; CN2, Changchun, 73.08 329 eP, P, 17 23 10.3 -0.0; CN2, Changchun, 73.08 329 pmax, pmax

20d 17h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like TASMANIA UNIVE, TASMANIA UNIVE, RAROTONGA, etc.

2011 AUG

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Opana, Mauna Loa Obs, Denpa, etc.

992

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BKNI, PDSI, PPI, etc.

Code	Station Name	Δ° AZ°	Op	Phase	IDC	Time Res	ISC
comp=Z,440nm,1.6s							
CWF	Charnwood Fore	144.66 349	ePKPdf	PKPab	17 32 37	-1.4	
DSL	Palaion Diasel	144.68 313	P	PKPab	17 32 38	-1.0	
DSL	Palaion Diasel	144.68 313	ePKPdf	PKPab	17 32 38	-1.0	
EBEN	Elaon Elmael	144.70 320	ePKPdf	PKPab	17 32 39	-0.6	
HCV	Hercus Novi	144.74 320	PKPab	PKPab	17 32 40	-1.4	
DRO	Drossia	144.75 311	P	PKPdf	17 32 40	-0.1	
MEO	Membach	144.75 340	PKP	PKPab	17 32 36	-2.0	
PDO	Prodromos	144.86 312	P	PKPab	17 32 39	-0.4	
DSB	Dublin	144.88 354	ePKPbc	PKPab	17 32 37	-1.4	
RLS	Rilosos of Patr	145.14 341	PKP	PKPab	17 32 38	-0.5	
RLS	Rilosos of Patr	144.88 311	P	PKPab	17 32 38	-1.0	
AXS	Aroxas	144.89 311	P	PKPab	17 32 39	-0.1	
AMT	Artemida-Makis	144.93 310	P	PKPbc	17 32 40	+0.1	
IGT	Igoumitisa	145.03 314	P	PKPbc	17 32 39	-0.6	
IGT	Igoumitisa	145.03 314	ePKPbc	PKPbc	17 32 39	-0.6	
IGT	Igoumitisa	145.03 314	ePKPbc	PKPbc	17 32 39	-0.6	
SGD	Saglada	145.06 314	P	PKPbc	17 32 40	-0.1	
UCC	Uccle	145.10 342	PKP	PKPdf	17 32 42	+1.8	
LK02	Lefkada island	145.14 313	P	PKPbc	17 32 40	-0.2	
LK02	Lefkada island	145.14 313	PKPbc	PKPbc	17 32 40	-0.2	
ECLA	Clavier	145.14 311	PKP	PKPab	17 32 39	-0.5	
KEK	Kerkira	145.31 315	P	PKPab	17 32 41	0.0	
KEK	Kerkira	145.31 315	P	PKPab	17 32 41	0.0	
KFL	Annitana	145.35 311	P	PKPbc	17 32 41	-0.4	
SNF	Seneffe	145.38 342	PKP	PKPbc	17 32 40	-0.4	
SHEL	Horse Pasture	145.40 190	ePKP2	PKPbc	17 32 40	-1.5	
SHEL	Horse Pasture	145.40 190	ePKP2	PKPbc	17 32 40	-1.5	
VLS	Valsamata	145.46 312	P	PKPbc	17 32 41	+0.1	
VLS	Valsamata	145.46 312	PKIKP	PKPbc	17 32 41	+0.1	
VLS	Valsamata	145.46 312	P	PKPbc	17 32 41	+0.1	
LANF	Langenberg	145.50 337	PKP	PKPab	17 32 42	+0.7	
WLF	Walterdange	145.52 339	PKP	PKPab	17 32 42	+0.5	
Zakynthos	Zakynthos	145.53 314	PKP	PKPab	17 32 39	-0.7	
DOU	Dourbes	145.65 341	PKP	PKPab	17 32 42	0.0	
RCBR	Riachuelo	146.30 133	PKPbc	PKPab	17 32 42	-1.1	
RCBR	Riachuelo	146.30 133	ePKPdf	PKPab	17 32 42	-1.1	
ECH	Echery	146.39 337	PKP	PKPab	17 32 35	+0.5	
DAVOX	Davos/Dischmat	146.42 303	PKPbc	PKPab	17 32 45	+0.3	
comp=Z,53nm,0.6s,baz=337,slow=8.0,SNR=10							
MOF	Molkenrain	146.69 336	PKP	PKPdf	17 32 44	+0.7	
THEF	They Montfort	146.80 338	PKP	PKPbc	17 32 45	+0.4	
LONOT	Lomont	146.87 317	PKP	PKPbc	17 32 47	+0.3	
TIP	Timpagrande	147.61 316	P	PKPdf	17 32 45	+1.1	
TIP	Timpagrande	147.61 316	ePKPdf	PKPdf	17 32 45	+1.1	
TIP	Timpagrande	147.61 316	ePKPdf	PKPdf	17 32 45	+1.1	
CUC	Castroccucco	147.78 318	ePKPdf	PKPdf	17 32 46	+0.5	
CEL	Celeste	148.66 315	ePKPdf	PKPdf	17 32 46	-0.4	
CEL	Celeste	148.66 315	ePKPdf	PKPdf	17 32 46	-0.4	
OSL	Roselend	148.66 335	PKP	PKPbc	17 32 50	+0.9	
RG22	Abries	149.23 333	PKP	PKPab	17 32 54	-1.9	
GRM	Grand/Maison	149.27 335	PKP	PKPbc	17 32 52	+0.3	
GDN	Grenoble	149.38 335	PKP	PKPbc	17 32 53	+0.6	
PLDF	La Plantede	149.57 332	PKP	PKPbc	17 32 52	+1.3	
AGO	Saint Agoulin	149.66 339	PKP	PKPbc	17 32 54	+1.1	
SSB	Saint Sauver	149.82 337	PKP	PKPbc	17 32 53	+0.4	
SSB	Saint Sauver	149.82 337	ePKPdf	PKPdf	17 32 47	-1.0	
SSB	Saint Sauver	149.82 337	ePKPbc	PKPbc	17 32 53	+0.3	
VAE	Valguarnera	150.07 315	PKPbc	PKPbc	17 32 53	-0.7	
comp=Z,13nm,0.9s,baz=112,slow=2.7,SNR=6							
VAE	Valguarnera	150.07 315	PKPab	PKPab	17 33 00	+0.4	
comp=Z,29nm,0.9s,baz=109,slow=8.3,SNR=7.4							
VERF	Verneuhogel	150.15 340	PKP	PKPbc	17 32 54	+0.6	
LBI	Lubilach	150.34 338	PKP	PKPbc	17 32 56	+1.9	
CLTB	Callabellotta	150.81 316	ePKPdf	PKPdf	17 32 49	-0.9	
CLTB	Callabellotta	150.81 316	ePKPbc	PKPbc	17 32 50	+0.2	
LWD	Wied Dalam	150.84 312	ePKPdf	PKPdf	17 32 48	-1.9	
WDD	Wied Dalam	150.84 312	ePKPbc	PKPbc	17 32 56	-0.2	
VSL	Villasilto	151.98 323	ePKPdf	PKPdf	17 32 51	-0.9	
VSL	Villasilto	151.98 323	ePKPbc	PKPbc	17 32 58	-0.1	
KEST	Keera	154.41 317	PKP	PKPdf	17 32 56	+0.5	
comp=Z,1.9nm,0.7s,baz=90,slow=1.4,SNR=3.7							
KEST	Keera	154.41 317	PKPbc	PKIKP	17 33 04	0.0	
comp=Z,14nm,1.0s,baz=93,slow=1.3,SNR=6.8							
KEST	Keera	154.41 317	PKP	PKPab	17 33 18	-1.4	
comp=Z,52nm,1.1s,baz=134,slow=3.3,SNR=9.2							
KEST	Keera	154.41 317	ePKPdf	PKPdf	17 32 53	-2.1	
KEST	Keera	154.41 317	ePKPbc	PKPbc	17 32 02	-1.9	
KEST	Keera	154.41 317	ePKPbc	PKPbc	17 32 02	-1.9	
KEST	Keera	154.41 317	ePKPbc	PKPbc	17 32 02	-1.9	
PBRG	Braganca	156.18 350	PKPab	PKPab	17 33 18	-1.4	
PGAV	Gavieira, Arco	156.23 353	ePKPdf	PKPdf	17 32 57	-0.4	
PGAV	Gavieira, Arco	156.23 353	ePKPab	PKPab	17 33 26	+0.2	
POLO	Lamas de Olo	156.75 352	ePKPdf	PKPdf	17 32 58	-0.2	
POLO	Lamas de Olo	156.75 352	ePKPab	PKPab	17 33 28	-0.4	
PVRL	Vila Real	156.84 352	ePKPdf	PKPdf	17 33 05	+1.3	
PVRL	Vila Real	156.84 352	ePKPab	PKPab	17 33 09	+0.5	
MVO	Moncorvo	156.85 351	ePKPdf	PKPdf	17 32 59	+0.9	
MVO	Moncorvo	156.85 351	ePKPab	PKPab	17 33 28	0.0	
PVIS	Viseu	157.41 352	ePKPdf	PKPdf	17 33 06	+0.9	
PVIS	Viseu	157.41 352	ePKPab	PKPab	17 33 09	+1.8	
ESDC	Sonsese Array	157.69 344	PKP	PKPdf	17 32 58	-1.6	
ESDC	Sonsese Array	157.69 344	PKP	PKPdf	17 32 59	-0.4	
comp=Z,0.1nm,0.3s,baz=343,slow=2.6,SNR=5.4							
ESDC	Sonsese Array	157.69 344	PKPab	PKPab	17 33 06	-1.4	
comp=Z,7.5nm,0.8s,baz=49,slow=3.7,SNR=11							
ESDC	Sonsese Array	157.69 344	PKP	PKP	17 33 17	+1.3	
comp=Z,6.5nm,1.1s,baz=25,slow=5.5,SNR=6.7							
MTE	Manteigas	157.67 351	ePKPdf	PKPdf	17 32 59	-0.2	
MTE	Manteigas	157.67 351	ePKPab	PKPab	17 33 03	-1.2	
PCAS	Casimio, Conde	158.14 353	ePKPdf	PKPdf	17 32 59	-0.4	
PCAS	Casimio, Conde	158.14 353	ePKPab	PKPab	17 33 37	-0.5	
PCBR	Castelo Branco	158.21 351	ePKPdf	PKPdf	17 32 59	-1.1	
PTOM	Tomar	158.56 353	ePKPdf	PKPdf	17 33 03	+2.2	
PMRV	Marv???	158.60 350	ePKPdf	PKPdf	17 33 08	-0.4	
PMRV	Marv???	158.60 350	ePKPab	PKPab	17 33 37	+1.6	
PESTR	Estremoz	159.18 350	ePKPdf	PKPdf	17 33 00	-1.4	
PESTR	Estremoz	159.18 350	ePKPab	PKPab	17 33 19	+0.5	
EVO	Evora	159.57 351	ePKPdf	PKPdf	17 33 01	-0.7	
EVO	Evora	159.57 351	ePKPab	PKPab	17 33 40	+0.3	
PBAR	Barrancos	159.76 349	ePKPdf	PKPdf	17 33 03	+1.1	
PBAR	Barrancos	159.76 349	ePKPab	PKPab	17 33 41	+0.1	
PBEJ	Beja	160.05 351	ePKPdf	PKPdf	17 33 04	+1.6	
PBEJ	Beja	160.05 351	ePKPab	PKPab	17 33 42	+0.7	
PVCE	Castro Verde	160.46 351	ePKPab	PKPab	17 33 45	+0.8	
PVCE	Castro Verde	160.46 351	ePKPab	PKPab	17 33 45	+0.8	
PBDV	Barranco-do-Ve	160.82 350	ePKPab	PKPab	17 33 47	+1.8	
MORF	Martarete	160.87 352	ePKPab	PKPab	17 33 49	+1.4	
PFVI	Vila Bispo	160.95 352	ePKPab	PKPab	17 33 52	+1.2	
TAM	Tamanrasset	163.08 288	ePKIKP	PKPdf	17 33 06	+0.1	
TAM	Tamanrasset	163.08 288	ePKPdf	PKPdf	17 33 06	+0.1	
TAM	Tamanrasset	163.08 288	ePKPab	PKPab	17 33 08	+0.1	
MDT	Midelt	164.14 337	PKP	PKPab	17 33 07	-0.3	
comp=Z,26nm,1.2s,baz=132,slow=1.1,SNR=9.6							
MDT	Midelt	164.14 337	PKPab	PKPab	17 33 02	+1.5	
comp=Z,15nm,1.1s,baz=67,slow=3.2,SNR=3.9							
TOAD	Tordi Ar. Sit	165.93 251	ePKPdf	PKPdf	17 33 08	-1.1	
TOAD	Tordi Ar. Sit	165.93 251	ePKPab	PKPab	17 33 08	-0.3	
TORD	Tordi Ar. Bca	165.93 251	PKP	PKPab	17 33 08	-0.7	
comp=Z,31nm,1.2s,baz=80,slow=1.2,SNR=23							
TORD	Tordi Ar. Bca	165.93 251	PKP	PKPab	17 34 09	+0.1	
comp=Z,5.6nm,0.9s,baz=101,slow=1.9,SNR=2.3							
TORD	Tordi Ar. Bca	165.93 251	PKP	PKP	17 37 58	+1.9	
comp=Z,9.7nm,1.2s,baz=133,slow=6.4,SNR=3.6							
KIC	Kosan Boka	166.21 211	ePKP1	PKPdf	17 33 08	-1.1	
comp=Z,172nm,1.4s							
LIC	Lamto	166.23 210	ePKP1	PKPdf	17 33 07	-2.1	
comp=Z,192nm,1.6s							
DBIC	Dimbokro	166.54 212	PKP	PKPdf	17 33 08	-1.1	
comp=Z,27nm,1.1s,baz=118,slow=2.1,SNR=10							
DBIC	Dimbokro	166.54 212	PKPab	PKPab	17 34 11	+0.2	
comp=Z,13nm,0.9s,baz=188,slow=3.8,SNR=3.8							
DBIC	Dimbokro	166.54 212	ePKIKP	PKPdf	17 33 08	-1.7	
DBIC	Dimbokro	166.54 212	ePKPdf	PKPdf	17 34 11	0.8	
DBIC	Dimbokro	166.54 212	ePKPab	PKPab	17 33 08	-1.7	
DBIC	Dimbokro	166.54 212	ePKPab	PKPab			

20d 18h

Table with columns for station name, frequency, power, antenna, and coordinates. Includes stations like KSC0 Kaye Shedlock, BOM Bombay, JCT Junction City, etc.

2011 AUG

Table with columns for station name, frequency, power, antenna, and coordinates. Includes stations like Y36A Durant, P33A Williams Farm, J31A Geddes, etc.

1006

Table with columns for station name, frequency, power, antenna, and coordinates. Includes stations like AAM Ann Arbor, ABKAR Akbulak array, ACSO Alum Creek Sta, etc.

20d 19h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like VRI Vrincoia, MLR Muntele Rosu, etc.

IDC 20 18:35:37.62:0.22:075:175:27W, h0km, mb4.1/9, mb1 4.3/9, mb1mx4.1/35, mbtmp4.1/9, Error ellipse: s-maj=68.4km s-min=25.8km az=134.0

ISCJB 20 18:35:40.0:0.8:22:45:0:1:175:1W:0:1, h33km, mb4.1/10, Error ellipse: s-maj=19.4km s-min=17.0km az=140.6

NEIC 20 18:35:42.3:3.2:39:55:175:13W, h45km, mb5km, mb4.1/2, Error ellipse: s-maj=26.3km s-min=16.0km az=126.0

ISC 20 18:35:44.1:1.0:8:0:2:175:0W:0.2, h33km, m2, c089/27, mb4.1/10, Tonga Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like RAR Rarotonga, STKA Stephens Creek, etc.

2011 AUG

IDC 20 18:35:59.5:3.4, 18:67S:168:55E, h0km, mb4.2/6, mb1 4.4/7, mb1mx4.0/36, mbtmp4.2/7, ML4.0/1, Error ellipse: s-maj=77.6km s-min=28.6km az=112.0

NEIC 20 18:36:04.3:1.8, 18:91S:168:61E, h35km, mb4.3/2, Error ellipse: s-maj=40.1km s-min=16.4km az=113.0

ISC 20 18:36:03.8:2.8, 18:75S:168:7E:0.4, h37km, n14, c150/15, mb4.1/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like DZM Mont Dzumac, STKA Stephens Creek, etc.

CSEM 20 18:38:00.9, 43:72N:20:66E, h0km, ML 1.5, BEO 20 18:38:00.9:0.2, 43:72N:20:66E, h0km, M1.5/6, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like GRUS Gruza, IVAS Ivanjica, etc.

IDC 20 18:38:15.6:12.0, 18:94S:168:29E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.7/36, mbtmp3.8/4, Error ellipse: s-maj=210.2km s-min=65.4km az=89.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like DZM Mont Dzumac, STKA Stephens Creek, etc.

IDC 20 18:42:39.6:1.4, 18:38S:168:26E, h0km, mb4.2/10, mb1 4.3/12, mb1mx4.1/38, mbtmp4.3/12, ML 3/2, Error ellipse: s-maj=37.0km s-min=22.1km az=117.0

ISCJB 20 18:42:43.1:1.0, 18:39S:168:0E:0.2, h29km, mb4.2/12, Error ellipse: s-maj=22.5km s-min=9.2km az=11.8

NEIC 20 18:42:45.0:0.8, 18:32S:168:14E, h35km, mb4.1/4, Error ellipse: s-maj=18.6km s-min=11.7km az=112.0

ISC 20 18:42:44.2:1.1, 18:38S:168:1E:0.2, h29km, m23, c150/25, mb4.1/12, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like DZM Mont Dzumac, STKA Stephens Creek, etc.

IDC 20 18:48:08.5:32.0, 18:34S:168:89E, h0km, mb4.0/4, mb1 4.1/5, mb1mx3.7/39, mbtmp4.0/5, ML3.6/1, Error ellipse: s-maj=560.7km s-min=58.9km az=82.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like DZM Mont Dzumac, ILAR Eielson Array, etc.

1010

Table with columns: STKA, WRA, ASAR, FITZ. Lists stations like Stephens Creek, Warramunga Arr, etc.

IDC 20 19:00:59.7:14.0, 18:28S:167:40E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.5/29, mbtmp3.7/4, ML3.1/1, Error ellipse: s-maj=238.9km s-min=39.8km az=73.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like DZM Mont Dzumac, STKA Stephens Creek, etc.

IDC 20 19:01:11.7:13.0, 18:32S:167:78E, h0km, mb3.9/4, mb1 4.0/5, mb1mx3.7/29, mbtmp3.8/5, ML3.4/1, Error ellipse: s-maj=235.2km s-min=40.2km az=79.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like DZM Mont Dzumac, STKA Stephens Creek, etc.

IDC 20 19:09:11.7:2.1, 18:46S:168:04E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.7/27, mbtmp3.8/6, ML3.5/1, Error ellipse: s-maj=61.9km s-min=28.2km az=125.0

ISCJB 20 19:09:14.6:1.6, 18:65S:0:1:168:0E:0.3, h29km, mb3.7/5, Error ellipse: s-maj=41.3km s-min=12.1km az=14.8

ISC 20 19:09:15.8:1.7, 18:65S:0:1:168:1E:0.3, h29km, n6, c154/57, mb3.7/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like DZM Mont Dzumac, STKA Stephens Creek, etc.

ISCJB 20 19:15:35.8:0.8, 23:96N:0:03:122:45E:0:02, h7km, 6km, Error ellipse: s-maj=4.5km s-min=3.1km az=165.9

JMA 20 19:15:36.6:0.2, 23:99N:122:43E, h16km, M1.8

TAP 20 19:15:37.1, 24:03N:122:40E, h18km, 1km, ML2.7, D

ISC 20 19:15:35.3:1.1, 23:95N:0:03:122:45E:0:02, h9km, 10km, n34, c061/60, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like JYNG Yanagunijimaku, WRA Warramunga Arr, etc.

Table with columns: TWG, Pinlang, 1.69 229 eP, Pn, 19 16 05.2 +0.1, etc.

19:15:58.6±13.0, 18:37S:167.16E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/26, mbmp3.7/4, ML3.3/1, Error ellipse: s-maj=232.7km s-min=38.7km az=71.0, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

19:16:55.8±1.3, 17:25S:167.40E, h0km, mb4.2/8, mb1 4.4/9, mb1mx4.1/29, mbmp4.3/9, ML4.7/1, Error ellipse: s-maj=31.6km s-min=26.8km az=111.0, Vanuatu Islands

19:16:57.0±0.9, 17:42S:167.38E, h0km, mb4.1/8, Error ellipse: s-maj=20.4km s-min=10.9km az=178.0, Vanuatu Islands

19:17:01.3±0.8, 17:35S:167.38E, h35km, mb4.1/1, Error ellipse: s-maj=17.4km s-min=14.9km az=73.0, Vanuatu Islands

19:16:59.1±0.9, 17:45S:167.4E, h0km, mb1.1/5, h37km, n35, 0756/14, mb4.2/13, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

19:28.3±1.3, 18:22S:168.19E, h0km, mb4.3/10, mb1 4.5/12, mb1mx4.2/32, mbmp4.4/12, ML4.4/2, MS4.9/1, Ms1 4.9/1, ms1mx3.9/41, Error ellipse: s-maj=34.1km s-min=20.9km az=121.0, Vanuatu Islands

19:19:32.8±0.7, 18:34S:168.25E, h35km, mb4.4/7, Error ellipse: s-maj=17.5km s-min=11.9km az=114.0, Vanuatu Islands

19:19:33.1±0.9, 18:33S:168.3E, h0km, mb4.2/13, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: SOTA, Sankt Quirin, 145.58 332 / PKPab, PKPdf, 19 39 07.3 -0.3, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

19:22:58.6±0.7, 18:14S:168.18E, h0km, mb4.7/21, mb1 4.9/23, mb1mx4.7/34, mbmp4.8/23, ML4.2/1, Error ellipse: s-maj=19.2km s-min=13.7km az=94.0, Vanuatu Islands

19:23:02.6±0.2, 18:21S:168.02E, h0km, mb5.0/96, MS5.4/1, Error ellipse: s-maj=4.7km s-min=4.2km az=71.0, Vanuatu Islands

19:23:02.0±0.9, 18:16S:168.11E, h33km, mb5.1/24, Error ellipse: s-maj=10.5km s-min=9.3km az=37.5, Vanuatu Islands

19:23:04.0±0.2, 18:18S:168.15E, h35km, mb5.0/67, Error ellipse: s-maj=5.3km s-min=4.6km az=70.0, Vanuatu Islands

19:23:04.3±1.7, 18:58S:168.17E, h29km, mb4.8/36, MS5.2/4, MS5.3/2, MS7 5.1/2, Vanuatu Islands

19:23:03.6±0.4, 18:22S:168.14E, h32km, n242, 0159/243, mb5.0/96, 10C-3D, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: MTN, Manton Dam, 36.01 273 eP, P, 19 30 02.1 -0.0, etc.

20d 19h

Table of station data for 20d 19h, including columns for station name, coordinates, and various parameters like pmax, pmax, and time.

2011 AUG

Main table of station data for 2011 AUG, including columns for station name, coordinates, and various parameters like PKPbc, PKPab, and time.

102

Table of station data for 102, including columns for station name, coordinates, and various parameters like pmax, pmax, and time.

Table with columns: SRU, San Rafael Swe, 78.06 49 eP, P, 19 49 18.8 +1.2, etc. Includes stations like Keskin Array B, Cervenica-Dubn, Niedzica, Black Hills, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like ASAR Alice Springs, CURA Staanlage Cun, DZM Mont Dzumac, etc.

Table with columns: WRA Warramunga Arr, 32.11 261 P, P, 19 58 41.8 -1.3, etc. Includes stations like ASAR Alice Springs, QSPA Pole Qui, CMAR Chiang Mai Arr, etc.

ADC 20 19:45:26.14.0, 18.31S:167.47E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.5/33, mbtmp3.6/4, ML3.4/1, Error ellipse: s-maj=236.8km s-min=39.8km az=74.0, Vanuatu Islands

ADC 20 19:52:13.5.1.4, 18.16S:168.34E, h0km, mb4.2/7, mb1 4.4/9, mb1mx4.0/31, mbtmp4.3/9, ML4.5/2, Error ellipse: s-maj=37.7km s-min=24.5km az=111.0

ADC 20 19:52:17.8.1.0, 18.23S:167.16E, h0km, mb4.2/7, mb1 4.8/9, Error ellipse: s-maj=22.8km s-min=8.6km az=5.9

ADC 20 19:52:18.0.0.9, 18.23S:167.3E, h0km, mb4.2/8, mb1 4.8/9, Error ellipse: s-maj=22.8km s-min=8.6km az=5.9

2020 THZ

Table with columns: FROSD, Frosini, 0.89 167, Pg, Pn, 20 03 06.2 -0.2, 20 03 19.1 +0.1, RETA, comp=Z, 1.3nm, 0.4s, SNR=16, eSn, Sn, 20 04 22.8 +1.4, etc.

2011 AUG

Table with columns: RETA, comp=Z, 4.1nm, 0.4s, 3.42 359, Pn, Pn, 20 03 04.3 +1.8, etc.

1016

Table with columns: THZ, Tophouse, 23.93 171, eP, P, 20 18 51.6 +1.6, COEN, Coen, 24.04 276, eP, P, 20 18 51.2 0.0, etc.

IDC 20:10:27.1±13.0, 18°25'167.665E, h0km, mb4.1/3, mb1.4/2/4, mb1mx3.7/33, mbtmp4.0/4, ML3.2/1, Error ellipse: s-maj=230.4km s-min=41.3km az=79.0, Vanuatu Islands

IDC 20:13:32.0±0.9, 18°23'S, 168°35'E, h0km, mb4.3/1/2, mb1.4/4/14, mb1mx4.2/34, mbtmp4.3/14, ML4.3/2, Error ellipse: s-maj=28.0km s-min=16.9km az=118.0, ISJCJB 20:13:36.5±0.3, 18°12'S, 0°04'167.78E, 0.06, h23km, mb4.7/39, MS5.3/1, Error ellipse: s-maj=8.3km s-min=5.8km az=165.6

NEIC 20:13:40.8±1.3, 18°12'S, 167°83'E, h49km±13km, mb4.9/2/4, Error ellipse: s-maj=10.4km s-min=8.5km az=59.0, BUJ 20:13:40.2, 18°20'S, 167°70'E, h49km, mb4.8/24, mb5.1/2, Ms5.0/2, Ms7.5/0/4, ISC 20:13:37.6±0.4, 18°15'S, 0°06'167.82E±0.08, h23km, n78, e±1580/80, mb4.8/39, 1D, Vanuatu Islands

ARCES ARCESS Array B 123.68 345 PKP PKPdf 20 32 31.2 -1.6, GERES GERES Array B 142.90 331 PKP 20 33 05.7 -3.8, ARSA Arzberg 143.15 328 ePKPdf 20 33 06.2 -3.7

MOA Mollin 143.35 330 ePKPdf 20 33 07.2 -0.1, SOKA Soboth 143.78 328 ePKPdf 20 33 07.9 -0.8, MEM Membach 144.51 340 PKP 20 33 10.2 -0.4, BKLA Terra Mystica 144.51 329 ePKPdf 20 33 09.7 -1.0

BCLA Clavier 144.90 340 PKP 20 33 11.8 -0.1, ABTA Abfaltersbach 144.97 330 ePKPbc 20 33 10.5 -1.9, WATA Walderalm 144.98 331 ePKPdf 20 33 11.6 -0.8, SNF Senefie 145.14 342 PKP 20 33 12.0 -0.7, MOTA Moosalm 145.19 332 ePKPdf 20 33 12.3 -0.9

RETA Reutte 145.23 332 ePKPdf 20 33 12.0 -1.2, WLF Waldfangende 145.27 339 PKP 20 33 13.1 -0.3, DOU Dourbes 145.41 341 PKP 20 33 13.0 -0.5, FETA Feichten 145.60 332 ePKPab 20 33 14.2 -0.6, DAVA Damurus 145.77 333 ePKPdf 20 33 12.8 -1.8, ESDC Sonsea Array 157.40 343 PKPab 20 34 02.2 -1.3, TORD Torodi Arr. Beu 165.75 252 PKP 20 33 38.3 -3.2, TORD 0.8nm, 0.9s, baz=129, slow=4.0, SNR=4.3 PKPab 20 34 40.8 +0.1

IDC 20:24:36.4±0.8, 9°84'S, 109°62'E, h0km, mb4.1/1/3, mb1.4/2/14, mb1mx4.1/42, mbtmp4.1/14, ML4.3/1, Error ellipse: s-maj=32.3km s-min=14.3km az=58.0, NEIC 20:24:36.6±0.4, 10°05'S, 109°43'E, h10km, mb4.6/2/3, Error ellipse: s-maj=9.2km s-min=6.3km az=218.0, BUJ 20:24:37.1, 10°27'S, 109°74'E, h35km, mb4.6/30, mb5.1/5, Ms5.2/6, Ms7.4/9/6, ISCJB 20:24:38.1±0.3, 10°02'S, 0°04'109.47E±0.03, h33km, mb4.6/38, Error ellipse: s-maj=5.7km s-min=3.3km az=17.7, DJA 20:24:38.2±2.2, 10°5'S, 10°9'E, h38km, 57km, M4.9/22, mb5.0/15, mb5.4/6, ML4.8/22, MwmMDJ4.9/6, ISC 20:24:39.9±0.5, 10°02'S, 0°06'109.47E±0.05, h35km, n115, e±170/109, mb4.5/38, South of Java

UGM Wanagana 2.34 27 Pn 20 25 16.1 +1.0, UGM Wanagana 2.34 27 ePn Pn 20 25 16.1 +0.1, CMIJ Cimerak 2.44 34 Pn 20 25 16.2 +1.1, PCJI Pacitan 2.48 43 Pn 20 25 17.3 -0.5, PCJI Pacitan 2.48 43 S Sn 20 25 17.3 -0.5, PCJI Pacitan 2.48 43 S Sn 20 25 17.3 -0.5, WOJI Wonogiri, Jawa 2.60 34 Pn 20 25 19.9 +0.4, KPJI Karang Pucung 2.72 349 Pn 20 25 22.2 +1.0, CISP Cisolpet, Garu 2.94 326 Pn 20 25 23.3 -1.0, CISP Cisolpet, Garu 2.94 326 ePn Pn 20 25 23.4 -1.0, CISP Cisolpet, Garu 2.94 326 eSn Sn 20 25 25.9 -0.6, PWJI Pagerwojo 3.04 49 Pn 20 25 26.3 +0.7, SMRI Semarang 3.10 18 Pn 20 25 28.8 +2.3, SMRI Semarang 3.10 18 ePn Pn 20 25 28.8 +2.3, NGJI Ngawi 3.29 37 Pn 20 25 32.9 +3.9

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CNJI, LEM, XMIS, SKJI, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TLY, MAKZ, FOF, BFZ, etc.

MEX 20:20:47.452.0.6, 157.37N-95.09W, h16km, 17km, MD3.9, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like HUIG, VHO, VISTA, etc.

IDC 20:20:49:39.8:1.5, 28.79S-178.49W, h204km, 9km, mb3.1/2, mb1 3.4/2, mb1mx3.0/26, mbtmt3.6/2, Error ellipse: s-maj=73.7km s-min=31.3km az=16.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like RAO, RAOUL, ASAR, etc.

IDC 20:21:12:43.4:10.0, 23.88S-179.45E, h536km, 111km, mb3.0/3, mb1 3.2/4, mb1mx2.9/25, mbtmt4.1/4, Error ellipse: s-maj=95.0km s-min=42.5km az=25.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like URZ, WRA, FINES, etc.

ISCJB 20:21:30:24.9:1.3, 38.38N-104.142.20E, 0.08, h15km, 10km, mb4.1/6, Error ellipse: s-maj=11.0km s-min=6.1km az=10.2

IDC 20:21:30:25.3:1.9, 37.87N-142.81E, h0km, mb3.8/3, mb1 3.8/5, mb1mx3.5/48, mbtmt3.8/5, ML3.4/2, Error ellipse: s-maj=38.6km s-min=27.7km az=76.0

JMA 20:21:30:26.3:0.1, 38.46N-142.20E, h33km, 2km, M4.1, JMA Felt 1 J1

NEIC 20:21:30:1.0:0.9, 37.99N-142.61E, h35km, mb4.4/3, Error ellipse: s-maj=23.4km s-min=13.2km az=132.0

NEIC Recorded 1 JMA, 1 M4.1, 1 M3.4, 1 M2.7, 1 M2.3, 1 M2.1, 1 M1.9, 1 M1.7, 1 M1.5, 1 M1.3, 1 M1.1, n21, c139/27, mb4.2/6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like JIO, OFUJ, JMK, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like WRA, ASAR, BRTR, etc.

IDC 20:21:38:14.8:0.4, 18.15S-168.29E, h0km, mb4.8/28, mb1 4.9/29, mb1mx4.8/45, mbtmt4.8/29, ML4.9/1, MS4.8/2, Error ellipse: s-maj=15.6km s-min=11.6km az=90.0

MOS 20:21:38:18.8:1.2, 18.11S-168.10E, h33km, mb5.2/23, Error ellipse: s-maj=9.7km s-min=9.2km az=32.3

ISCJB 20:21:38:19.2:0.2, 18.19S-168.09E, h33km, mb5.0/82, MS4.6/4, Error ellipse: s-maj=5.4km s-min=4.0km az=29.6

BUI 20:21:38:20.3, 17.72S-168.70E, h47km, mb4.9/45, mb5.3/18, MS5.0/11, MS7.4/8/11

NEIC 20:21:38:21.8:0.6, 18.18S-168.15E, h48km, 5km, mb5.1/41, Error ellipse: s-maj=5.6km s-min=4.7km az=57.0

ISC 20:21:38:29.0:0.4, 18.16S-168.05E, h37km, 1km, n29K, P-P, n287, c1914/303, MB5.1/81, MS4.6/4, 8C-3D, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like DZM, MONT, NONS, etc.

20d 21h

2011 AUG

1018

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Alice Springs, Warakurna, Kambalda, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Magadan, Chengdu, Mawson, Lanzhou, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like WMO, PDAR, TXAR, ARU, etc.

DHMR 20 21:42:32.9 S, 15 17'N-42 51'E, h2km, 75km, ML3.8, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations UDYN, DHBB, BDHA, BDHA.

IDC 20 21:50:26.9 2.4, 18.325x168.09E, h0km, mb4.1/6, mb1 4.2/7, mb1mx3.9/33, mbtmp4.1/7, ML3.5/1, Error ellipse: s-maj=66.0km s-min=25.9km az=119.0

ISCJB 20 21:50:29.8 0.8, 18.415x168.168E:0.2, h29km, mb4.2/11, Error ellipse: s-maj=24.5km s-min=9.2km az=19.2

NEIC 20 21:50:32.1 0.6, 18.405x168.09E, h35km, mb4.5/5, Error ellipse: s-maj=20.4km s-min=10.8km az=126.0

ISC 20 21:50:31.3 0.9, 18.450x168.1E:0.2, h29km, n15, 0.95/25, mb4.2/11, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations DZM, STKA, WRA, ASAR, FITZ, COCO, USRK, CHTO, HIA, YAK, SONM, CMB, WALA, KIV, DAVOX.

IDC 20 21:59:14.2 1.9, 18.665x168.40E, h0km, mb4.1/8, mb1 4.3/10, mb1mx4.0/31, mbtmp4.2/10, ML4.3/2, Error ellipse: s-maj=45.9km s-min=22.9km az=125.0

ISCJB 20 21:59:18.4 0.7, 18.635x168.2E:0.1, h37km, mb4.2/14, Error ellipse: s-maj=16.9km s-min=10.0km az=24.1

NEIC 20 21:59:19.4 0.7, 18.695x168.34E, h35km, mb4.3/8, Error ellipse: s-maj=16.0km s-min=12.3km az=127.0

ISC 20 21:59:19.9 0.8, 18.695x168.3E:0.1, h37km, n25, 0.95/25, mb4.1/13, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations DZM, DZM, HNR, HNR, CTA, CTA, STKA, WRA, ASAR, FITZ, MJAR, TATO, QSPA, CHTO, SONM, LSA, COLA, ILAR, ANMO, SDCO, SOKA, ABTA, MOTA, RETA, FETA.

DJA 20 22:02:34.6 1.9, 2 55'x13 8E:3 0, h25km, 20km, M3.6/3, MLV3.6/3

IDC 20 22:02:36.0 1.7, 2 61'S-138 39E, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.5/29, mbtmp3.6/3, ML3.2/2, Error ellipse: s-maj=30.6km s-min=28.9km az=56.0

ISC 20 22:02:33.9 3.4, 2 05'S-138 1E:0.2, h30km, n7, 0.95/9, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations SMPJ, GENI, GENI, JAY, JAY, WRA, ASAR, CMAR, CHTO.

IDC 20 22:02:33.1 939.0, 28 27'Sx1 64W, h0km, Error ellipse: s-maj=523.7km s-min=177.2km az=47.0, South Atlantic Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes station I47ZA.

I17CI DIMBOKRO INFRA34.87 354 i 01 36 10.0

I33MG ANTANANARIVO 145.52 89 i 02 42 50.0

IDC 20 22:03:54.6 1.4, 18.185x168.04E, h0km, mb4.3/10, mb1 4.5/11, mb1mx4.0/37, mbtmp4.3/11, ML4.0/1, MS4.8/1, Ms1 4.8/1, ms1mx3.5/34, Error ellipse: s-maj=28.6km s-min=23.4km az=52.0

ISCJB 20 22:03:57.2 0.6, 18.245x167.99E:0.1, h29km, mb4.1/6, MS4.9/1, Error ellipse: s-maj=13.9km s-min=11.4km az=37.9

NEIC 20 22:03:59.6 0.6, 18.195x167.99E, h35km, mb4.3/8, Error ellipse: s-maj=12.3km s-min=11.0km az=112.0

ISC 20 22:03:58.6 0.6, 18.265x168.0E:0.1, h29km, n27, 0.95/25, mb4.3/16, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations DZM, HNR, EIDS, CTA, URZO, RPZ, STKA, WRAB, WRA, ASAR, FITZ, NWAO, NWAO, TGY, QSPA, CHTO, HIA, CMB, ILAR, ANMO, RES, ABTA, MOTA, FETA.

DDA 20 22:04:48.0, 42 46'N-42 41'E, h11km, Md3.1

ISC 20 22:04:37.2 1.3, 42 56'N:0.06, 42 98E:0.04, h6km, 13km, n9, 0.95/27, Western Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations ONI, ONI, CHVG, CHVG, AKH, AKH, BGD, BGD, TBLG, DBOC, ARTV, ARTV, DAGI, DAGI, DGRG, DGRG.

JMA 20 22:16:42.4 0.4, 36 38'N-143 78E, h38km, M3.7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations JFK, JFK, ONAJ, ONAJ, JAO, JAO, JHO, JHO, JFT, JFT, JMK, JMK, JOM, JOM, JYK, JYK, JAG, JAG, JRG, JRG, JOD2.

DHMR 20 22:17:22.2 0.8, 15 12'N-42 16'E, h6km, 14km, ML3.9, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations HAUJ, HAUJ, UDYN, UDYN, BDHA, BDHA, BDHA.

JMA 20 22:12:10.9 0.1, 36 36'N-141 09E, h49km, 11km, M2.9, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations ONAJ, ONAJ, JHO, JHO, JFK, JFK, JMM, JMM, JFY, JFY.

SOME 20 22:26:08.8, 41 62'N-71 58E, h0km KRNET 20 22:26:10.4 0.1, 41 75'N-71 62E, h15km, mb2.2 NNC 20 22:26:11.4 2.4 21 81'N-71 60E, h0km, mb2.7, mpv2.3

Error ellipse: s-maj=15.9km s-min=6.2km az=179.0

ISC 20 22:16:10.4 1.0, 41 75'N:0.03, 71 62E:0.03, h12km, 10km, n18, 0.98/35, 19C-7D, Kyrgyzstan

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations ARK, ARK, TOKL, TOKL, MNAS, MNAS, MNAS, MNAS, ARSB, ARSB, DZA, DZA, IUG, IUG, OHH, OHH, MRKS, MRKS, MRKS, MRKS, KK31, KK31, AML, AML, AML, AML, BTK, BTK, EKS2, EKS2, EKS2, EKS2, ARLS, ARLS, ARLS, ARLS, DRK, DRK, DRK, DRK, AAK, AAK, AAK, AAK, USP, USP, DGS, DGS, DGS, DGS.

DSN 20 22:40:30.2 0.1, 27 06'N-55 72E, h16km, ML3.2/7, Error

TEH 20 22:40:31.7 26 68'N-55 38E, h17km, ML3.2

OMAN 20 22:40:31.7 26 68'N-55 38E, h17km

ISCJB 20 22:40:32.9 0.5, 26 71'N:0.03, 55 36E:0.05, h10km, Error ellipse: s-maj=6.5km s-min=4.7km az=10.0

CSEM 20 22:40:34.7 0.3, 26 69'N-55 49E, h15km, ML3.1, Error ellipse: s-maj=8.7km s-min=5.7km az=86.0

ISC 20 22:40:32.9 1.0, 26 65'N:0.04, 55 40E:0.04, h10km, n44, 0.87/47, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Includes stations BNDS, BNDS, BANOM, BANOM, BANOM, BANOM, IBND, IBND, IBND, IBND, KHKH, KHKH, KHKH, KHKH, NIAN, NIAN, NAZ, NAZ, UOSS, UOSS, FAQ, FAQ, HATA, HATA, HATA, HATA, ASHO, ASHO, ASHO, ASHO, GHIR, GHIR, NGRK, NGRK, ISRV, ISRV, ISRV, ISRV, TVBK, TVBK, TVBK, TVBK, CHMN, CHMN, CHMN, CHMN, KHGB, KHGB, IMEH, IMEH, IMEH, IMEH, IMEH, IMEH, IMEH, IMEH, IMEH, IMEH.

MEX 20 22:45:44.0.6, 32°37'N-115°03'W, h34km, 5km, MD3.8, California-Baja California border region

Code	Station Name	A°	AZ°	Phase	ID	Op	ISC	h	m	s	ISC	Time	Res
SPIG	San Pedro Mart	1.37	196	eP	Pn			22	46	05.3	-2.2		
SPIG				s	Sn			22	46	22.2	-2.2		
CBX	Cerro Bola	1.38	268	eP	Pn			22	46	05.8	-1.8		
CBX				s	Sn			22	46	22.0	-2.7		
TJIG	Tijuana	1.39	273	eP	Pn			22	46	20.3	-2.2		
TJIG				s	Sn			22	46	21.7	-3.1		

NIED 20 22:58:00, 38°00'N, 141°00'E, h47km, M4.8. Best double couple: M₁ 5.7000, -1.016; N₁ 1.86, 0.0000; S₁ 0.0000, 1.73, 0.0000; N₂ 2.1, 0.0000; S₂ 3.71, 0.0000; 1.94, 0.0000

BJJ 20 22:58:38.0, 38°49'N, 142°09'E, h52km, mb5.0/68, mb4.9/43, Ms4.2/56, Ms7.4/153

ISCJB 20 22:58:39.8.0.4, 38°63'N.0.02:141°93'E.0.03, h53km, 2km, mb4.9/120, MS4.2/20, Error ellipse: s-maj=5.0km s-min=3.4km az=35.9

MOS 20 22:58:39.8.0.9, 38°75'N.141°82'E, h47km, mb5.3/36, MS4.0/8, Error ellipse: s-maj=7.6km s-min=4.3km az=108.6

JMA 20 22:58:40.1, 38°62'N.141°96'E, h50km, 1km, M4.8

JMA Felt 1/11

IOC 20 22:58:41.4.1.8, 38°64'N.141°89'E, h53km, 15km, mb4.4/26, mb1.4/534, mb1mx4.4/44, mbtmp4.6/34, ML3.9/7, MS4.1/13, Ms1.4/113, ms1mx3.7/43, Error ellipse: s-maj=14.3km s-min=10.4km az=102.0

NEIC 20 22:58:42.3.0.7, 38°64'N.141°89'E, h63km, 6km, mb4.9/34, Error ellipse: s-maj=8.0km s-min=4.8km az=123.0

NEIC Felt at Ichinoseki, Misawa and Tokyo. Recorded [4 JMA] in Miyagi.

ISC 20 22:58:41.0.0.5, 38°65'N.0.04:141°97'E.0.04, h52km, 2km, h52km: pP-P, n338, r1955/385, mb5.0/123, MS4.2/21, 34C-15D, Near east coast of eastern Honshu

Code	Station Name	A°	AZ°	Phase	ID	Op	ISC	h	m	s	ISC	Time	Res
OFUJ	Ofunato	0.49	332	eP	Pn			22	58	51.6	-0.7		
OFUJ				s	Sn			22	58	59.7	-0.7		
JIO	Ouri	0.52	249	eP	Pn			22	58	51.4	-1.2		
JIO				s	Sn			22	58	59.2	-1.7		
JMK	Ichinoseki	0.66	298	eP	Pn			22	59	53.5	-0.8		
JMK				s	Sn			22	59	03.1	-0.8		
JOM	Ohasama	0.98	328	eP	Pn			22	58	58.1	-0.4		
JOM				s	Sn			22	59	11.2	-0.2		
JOU	Okura	1.06	255	eP	Pn			22	58	58.5	-1.0		
JOU				s	Sn			22	59	12.4	-0.9		
JMM	Marumori	1.21	230	eP	Pn			22	59	00.1	-1.4		
JMM				s	Sn			22	59	15.1	-1.7		
JRG	Rokugo	1.28	306	eP	Pn			22	59	02.0	-0.5		
JYK	Kaneyama	1.28	283	eP	Pn			22	59	01.8	-0.8		
JYK				s	Sn			22	59	05.2	-0.9		
JFK	Kawachi	1.54	214	eP	Pn			22	59	23.2	-1.8		
JFK				s	Sn			22	59	05.6	-0.6		
JYS	Shirataki	1.55	255	eP	Pn			22	59	05.6	-0.6		
ERM	Erimo	3.49	15	iP	Pn			22	59	32.9	+0.2		
ERM				pmax	pmax								
ERM				comp=Z, 68nm, 0.8s									
MAJO	Matsushiro	3.49	15	ePn	Pn			22	59	32.3	-0.3		
MAJO				s	Sn			22	59	23.6	+1.3		
MAJO	Matsushiro	3.65	236	ePn	Pn			22	59	36.2	+1.3		
MAT	Matsushiro	3.65	236	eP	Pn			22	59	36.2	+1.3		
MAT				s	Sn			22	59	21.1	+4.4		
MJAR	Matsushiro Arr	3.65	236	eP	Pn			22	59	35.8	+0.9		
MJAR				comp=Z, 35nm, 0.3s, baz=12, SNR=176	LR							23 01 12.3	
MJB9	Matsu-Tunnel	3.65	236	ePn	Pn			22	59	36.2	+1.3		
INU	Inuyama	5.15	232	eP	Pn			22	59	57.6	+2.2		
ASAJ	Asahikawa	5.49	5	eP	Pn			22	59	00.6	+0.5		
ASAJ				comp=Z, 21m, 20.8s, baz=50, slow=42	LR								
ASAJ	Asahikawa	5.49	5	ePn	Pn			22	59	59.4	-0.6		
JHJ2	Mitsune	5.79	198	ePn	Pn			23	00	04.9	+0.6		
JHJ	Hachijo jima 2	5.79	198	eP	Pn			23	00	03.7	-0.6		
JHJ				comp=Z, 44nm, 0.3s, baz=335, slow=19, SNR=32	LR							23 01 05.8	-3.6
JHJ				comp=Z, 139nm, 0.3s, baz=264, slow=23, SNR=7.1	LR								
YUK	Yuzh-Kuril'sk	6.13	27	eP	Pn			23	00	10.1	+1.2		
KUR	Kuril'sk	7.92	32	eP	Pn			23	00	03.9	+0.5		
KUR				s	Sn			23	01	57.1	-4.3		
KUR				comp=Z, 66nm, 0.4s	smax	smax							
KUR				comp=N, 195nm, 0.4s	smax	smax							
KUR				comp=N, 87nm, 0.2s	smax	smax							
YSS	Yuzh-Sakhalins	8.32	4	eP	Pn			23	00	39.6	+0.7		
YSS				s	Sn			23	00	39.6	+0.7		
VLA	Vladivostok	8.85	304	iP	Pn			23	00	47.0	+0.9		
MSHR	Mys Shulitsa	9.11	299	iP	Pn			23	00	50.0	+0.3		
USRK	Ussuriysk Ar.	9.32	310	eP	Pn			23	00	53.3	+0.7		
USRK				comp=N, 3.3nm, 0.3s, baz=127, slow=16, SNR=52	LR							23 04 28.9	
USRK				comp=N, 85nm, 18.2s, baz=122, slow=37	LR								
JNU	Nakatsue	10.54	242	eP	Pn			23	01	10.9	+1.5		
JNU				comp=N, 1.7nm, 0.3s, baz=64, slow=6.0, SNR=22	LR								
JNU	Nakatsue	10.54	242	ePn	Pn			23	01	11.1	+1.7		
MDJ	Mudanjiang	11.01	307	eP	Pn			23	01	19.6	+3.9		
MDJ				s	Sn			23	03	23.8	+6.5		
MDJ				comp=N, 48nm, 0.9s	pmax	pmax							
MDJ				comp=N, 310nm, 6.5s	LR	LR							
MDJ				comp=N, 390nm, 35.0s	LR	LR							
MDJ				comp=N, 420nm, 28.0s	LR	LR							
MDJ				comp=N, 840nm, 21.0s	LR	LR							
HABR	Khabarovsk	11.03	335	eP	Pn			23	01	13.7	-2.1		
HABR				s	Sn			23	03	16.0	-1.5		
HABR				comp=Z, 31nm, 1.4s	pmax	pmax							
HABR				comp=Z, 432nm, 13.0s	MLR	MLR						23 01 20.6	+3.2
KSRS	Korea Array	11.14	268	eP	Pn			23	01	20.6	+2.2		
KSRS				comp=Z, 1.6nm, 0.3s, baz=79, slow=13, SNR=49	LR	LR						23 05 14.4	
KSRS				comp=Z, 635nm, 20.3s, baz=68, slow=35	LR	LR							
KS01	Wonju Array S1	11.16	268	ePn	Pn			23	01	20.6	+2.9		
KS15	Wonju Array S1	11.17	268	ePn	Pn			23	01	20.3	+2.4		
KSAR	Wonju Array Be	11.17	268	eP	Pn			23	01	20.7	+2.8		
KSAR	Wonju Array Be	11.17	268	eP	Pn			23	01	20.6	+2.8		
INCN	Inchon	12.14	269	ePn	Pn			23	01	29.4	-1.8		
KLK	Kul'dur	12.88	329	eP	Pn			23	01	41.4	+0.3		
KLK				comp=Z, 0.4nm, 0.3s, baz=131, slow=14, SNR=14	LR	LR						23 06 44.5	
KLK	Kul'dur	12.88	329	iP	Pn			23	01	40.6	-0.5		
CN2	Changchun	13.45	298	eP	Pn			23	01	52.5	+3.5		
CN2				s	Pn			23	02	04.0	+7.0		
CN2				comp=Z, 2.0nm, 1.4s	pmax	pmax						23 04 19.1	+2.3
CN2				comp=Z, 100nm, 5.0s	LR	LR							
CN2				comp=Z, 200nm, 14.0s	LR	LR							
CN2				comp=Z, 400nm, 14.0s	LR	LR							
CN2				comp=Z, 500nm, 17.0s	LR	LR							
SNY	Shenyang	14.40	289	iP	P			23	02	08.8	+1.5		
SNY				s	P			23	05	00.8	+3.4		
SNY				comp=Z, 25nm, 0.9s	LR	LR							
SNY				comp=N, 220nm, 13.9s	LR	LR							
SNY				comp=E, 610nm, 17.4s	LR	LR							
SNY				comp=Z, 11m, 21.0s	LR	LR							
NKL	Nikolayevsk	14.54	357	eP	Pn			23	02	00.5	-2.9		
DL2	Dalian	15.87	277	eP	Pn			23	02	20.6	-0.1		
DL2				s	Sn			23	05	12.3	-3.2		
DL2				comp=Z, 81nm, 0.9s	pmax	pmax							
DL2				comp=Z, 400nm, 5.6s	pmax	pmax							

DL2	comp=Z, 300nm, 16.3s	LR	LR										
DL2	comp=Z, 410nm, 14.7s	LR	LR										
DL2	comp=Z, 570nm, 17.5s	LR											

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Table with columns for station call signs (e.g., KSAR, QZGZ, MIR), frequencies, and various status codes (P, S, Pmax, etc.). Includes sub-sections like 'West Island' and 'Nanjing'.

2011 AUG

Table with columns for station call signs (e.g., CN2, ENH, GYA), frequencies, and various status codes. Includes sub-sections like 'Sadao Pong' and 'Nikolayevsk'.

1024

Table with columns for station call signs (e.g., MAW, MA2, BTO, HIA), frequencies, and various status codes. Includes sub-sections like 'Mawson', 'Magadan', and 'Baotou'.

1025

J04D	Umpqua Nationa baz=243	88.69	43	P	P	00 36 28.8	-1.6
ZAK	Zakamensk	88.70	325	eP	pmax	00 36 28.0	-2.2
PFO	comp=Z,35nm,1.6s Pinyon Flats O	88.71	54	LR	LR	01 07 35.2	
PFO	comp=Z,3um,21.2s,baz=246,slow=30 Pinyon Flats O	88.71	54	P	P	00 36 29.6	-1.0
PFO	baz=247,SNR=7.2 Pinyon Flats O	88.71	54	eP	pmax	00 36 29.7	-1.0
PFO	comp=Z,14nm,1.1s				MLR		
PFO	comp=Z,3um,21.0s Pinyon Flats O	88.71	54	eP	P	00 36 29.6	-1.0
PFO	comp=Z,14nm,1.1s				LR		
TPFO	comp=Z,3um,21.0s Pinon Flats	88.71	54	P	P	00 36 28.7	-2.0
TIN	baz=247 Tinemaha, Big	88.75	50	P	P	00 36 29.2	-1.5
I04A	Tendick Farm,	88.75	43	P	P	00 36 29.1	-1.4
MPMC	Manual Prospec baz=246,SNR=7.5	88.89	51	P	P	00 36 29.7	-1.9
DAC	Darwin (Calif)	88.90	51	eP	pmax	00 36 29.8	-1.8
DAC	comp=Z,23nm,1.3s Darwin (Calif)	88.90	51	eP	P	00 36 29.8	-1.8
SWSC	comp=Z,33nm,1.3s Sam W. Stewart	88.96	55	P	P	00 36 30.8	-0.9
GSC	baz=247,SNR=8.1 Goldstone, Bar	89.10	52	P	P	00 36 30.6	-1.8
TLY	baz=247 Talya	89.17	326	dIP	eS	00 36 31.0	-1.3
TLY	comp=Z,38nm,1.5s				MLR		
TLY	comp=Z,488nm,19.0s Talya	89.17	326	eP	P	00 36 31.5	-0.8
TLY	comp=Z,31nm,1.1s				LR		
BELC	comp=Z,537nm,20.0s Belle Mtn. Jos	89.21	54	P	P	00 36 31.5	-1.6
J05D	baz=247,SNR=7.9 Fort Rock, OR	89.29	44	P	P	00 36 31.6	-1.6
MOD	baz=244 Modoc Plateau	89.31	45	eP	P	00 36 31.0	-2.4
NLWA	comp=Z,1.16nm,1.1s Neilton Lookou	89.49	39	PFAKE	LR	00 36 40.0	+6.1
NLWA	comp=Z,1um,19.0s Big Chuckwall	89.50	54	P	P	00 36 32.7	-1.7
BC3	baz=248 Furnace Creek,	89.52	51	P	P	00 36 33.1	-1.1
FURC	baz=247 Furnace Creek,	89.52	51	P	P	00 36 33.1	-1.1
COLA	COLA College	89.56	17	PFAKE	LR	00 36 40.0	+6.3
NVL	comp=Z,2um,22.0s N'lazarevskaya	89.61	188	eP	P	00 36 34.2	+0.1
I05D	baz=244 Terrebonne, OR	89.68	43	P	P	00 36 33.6	-1.3
WRAK	WRANGEL Islan	89.69	29	PFAKE	LR	00 36 50.0	+15
GLA	comp=Z,2um,20.0s Glamis	89.76	55	P	P	00 36 33.7	-1.8
ILAR	baz=248,SNR=6.7 Eielson Array	89.76	18	P	P	00 36 31.9	-2.7
ILAR	comp=Z,1.7nm,0.6s,baz=241,slow=5.0,SNR=23				LR		
ILAR	comp=Z,2um,21.9s,baz=240,slow=31				LR		
ILAR	Eielson Array	89.76	18	P	pmax	00 36 32.0	-2.7
ILAR	comp=Z,2.0nm,0.6s				pmax		
GMRC	comp=Z,2um,22.0s Granite Mounta	89.77	53	P	P	00 36 33.9	-1.7
TUQ	baz=247,SNR=5.9 Turquoise Moun	89.82	53	P	P	00 36 34.0	-1.9
IRM	baz=247,SNR=8.3 Iron Mountain	89.93	54	P	P	00 36 34.7	-1.5
SNA4	baz=248,SNR=19 Sanae	90.04	183	P	P	00 36 34.7	-1.5
SNA4	Sanae	90.04	183	P	P	00 36 34.7	-1.5
SNA4	comp=Z,28nm,1.1s,baz=175,slow=5.0,SNR=42				pmax		
SNA4	Sanae	90.04	183	c/P	pmax	00 36 34.2	-2.0
SNA4	comp=Z,2um,1.1s				pmax		
SNA4	Sanae	90.04	183	eP	P	00 36 35.0	-1.2
G05D	comp=Z,2um,1.1s Wamic, OR	90.09	42	P	P	00 36 36.2	-0.5
Y12C	baz=244 Blythe	90.25	55	P	P	00 36 36.1	-1.6
NEE2	baz=248,SNR=10 Needles Airpor	90.56	54	P	P	00 36 37.5	-1.7
MOY	baz=248 Mondy	90.59	325	eP	pmax	00 36 38.6	-0.4
MOY	comp=Z,15nm,2.3s				pmax		
WVOR	comp=Z,38nm,1.2s Wild Horse Val	90.66	45	eP	pmax	00 36 37.1	-2.5
WVOR	comp=Z,2um,20.0s Wild Horse Val	90.66	45	eP	P	00 36 37.1	-2.5
WVOR	comp=Z,38nm,1.2s				LR		
COLD	comp=Z,2um,20.0s Coldfoot	90.73	15	eP	P	00 36 37.5	-1.6
PDMCI	comp=Z,2.8nm,1.0s Parker Dam,Lak	90.75	54	P	P	00 36 38.4	-1.7
A04D	baz=248,SNR=9.4 Lummi Island	90.80	38	P	P	00 36 38.8	-1.0
214A	baz=243 Organ Pipe Nat	90.94	57	P	P	00 36 39.2	-1.8
214A	baz=249 Organ Pipe Nat	90.94	57	eP	P	00 36 39.6	-1.4
B05A	comp=Z,99nm,1.2s Bryant	90.96	39	P	P	00 36 39.9	-0.8
VNA1	baz=243 Neumayer-Stat	91.25	181	P	P	00 36 40.9	-0.9
EGAK	EGAK Eagle	91.50	19	PFAKE	LR	00 36 50.0	+7.2
HAWA	comp=Z,1um,22.0s Hanford	91.72	41	eP	P	00 36 41.7	-2.5
HAWA	comp=Z,35nm,1.3s				LR		
BMO	comp=Z,1um,22.0s Blue Mountains	92.51	43	eP	pmax	00 36 45.8	-2.3
BMO	comp=Z,10.0nm,1.3s				MLR		
BMO	comp=Z,2um,22.0s Blue Mountains	92.51	43	eP	P	00 36 45.8	-2.3
BMO	comp=Z,9.8nm,1.3s				LR		
DGAR	comp=Z,2um,22.0s Diego Garcia	92.68	261	PFAKE	LR	00 37 00.0	+11
TUC	comp=Z,4um,20.0s Tucson	92.68	57	P	P	00 36 47.5	-1.7
TUC	baz=250 Tucson	92.68	57	eP	pmax	00 36 47.3	-1.8
TUC	comp=Z,35nm,1.3s				MLR		
TUC	comp=Z,1um,20.0s Tucson	92.68	57	eP	MLR	00 36 47.3	-1.8
TUC	comp=Z,34nm,1.3s				LR		
MFID	comp=Z,1um,20.0s Camas Ranch	92.94	45	eP	P	00 36 49.1	-1.1
WUAZ	comp=Z,8.8nm,1.2s Wupatki	93.31	54	P	P	00 36 50.4	-1.7
WUAZ	baz=250 Wupatki	93.31	54	eP	P	00 36 50.4	-1.7
WUAZ	comp=Z,20nm,1.1s				LR		
TIXI	comp=Z,2um,20.0s Tiksi	93.53	349	dIP	pmax	00 36 52.8	+0.8
TIXI	comp=Z,6.0nm,1.1s				pmax		
TIXI	Tiksi	93.53	349	PFAKE	LR	00 37 00.0	+8.0
DUG	comp=Z,882nm,21.0s Dugway, Toolee	93.86	49	P	P	00 36 52.6	-1.9

2011 AUG

DUG	baz=249 Dugway, Toolee	93.86	49	eP	pmax	00 36 53.7	-0.8
DUG	comp=Z,5.0nm,1.0s				MLR		
DUG	comp=Z,2um,22.0s Dugway, Toolee	93.86	49	eP	P	00 36 53.7	-0.8
DUG	comp=Z,5.0nm,1.0s				LR		
HLID	comp=Z,2um,22.0s Hailey	93.95	45	P	P	00 36 53.4	-1.4
HLID	baz=248 Hailey	93.95	45	eP	P	00 36 52.6	-2.2
HLID	comp=Z,17nm,0.1s				LR		
NEW	comp=Z,3um,20.0s Newport	93.97	40	P	P	00 36 53.8	-0.9
NEW	baz=247 Newport	93.97	40	PFAKE	LR	00 37 00.0	+5.3
HWUT	comp=Z,687nm,19.0s Hardware Ranch	95.23	48	eP	P	00 36 59.8	-1.0
HWUT	comp=Z,4.7nm,1.1s				LR		
MSO	comp=Z,2um,22.0s Missoula	95.44	42	P	P	00 36 60.0	-1.5
WMQ	baz=249 Urumuzi	95.52	314	pP	pP	00 37 01.9	0.0
WMQ	comp=Z,2um,22.0s				pP		
WMQ	comp=Z,2um,22.0s				SP		
WMQ	comp=Z,2um,22.0s				SKS		
WMQ	comp=Z,2um,22.0s				SKS		
WMQ	comp=Z,2um,22.0s				S		
WMQ	comp=Z,2um,22.0s				pmax		
WMQ	comp=Z,2.20nm,1.3s				pmax		
WMQ	comp=Z,120nm,4.9s				LR		
WMQ	comp=Z,280nm,21.7s				LR		
WMQ	comp=Z,430nm,18.3s				LR		
WMQ	comp=Z,480nm,21.7s Auburn Hatcher	95.94	47	PFAKE	LR	00 37 10.0	+6.0
AHID	AHID				LR		
MVCO	comp=Z,2um,22.0s Mesa Verde	96.05	53	PFAKE	LR	00 37 10.0	+5.3
PV01	comp=Z,2um,21.0s Paradox Valley	96.29	52	eP	P	00 37 04.5	-1.2
REDW	comp=Z,2.9nm,1.0s Red Top Meadow	96.31	47	eP	P	00 37 03.2	-2.5
IMW	comp=Z,1.2nm,1.3s Indian Meadow	96.43	46	eP	P	00 37 05.9	-0.4
BOZ	comp=Z,3.9nm,1.1s Bozeman (W)	96.52	44	P	P	00 37 05.1	-1.4
BOZ	Bozeman (W)	96.52	44	eP	P	00 37 06.4	-0.1
BOZ	comp=Z,2.0nm,1.0s				pmax		
BOZ	comp=Z,3um,22.0s Bozeman (W)	96.52	44	eP	P	00 37 06.4	-0.1
BOZ	comp=Z,2.1nm,1.0s				MLR		
BOZ	comp=Z,3um,22.0s				LR		
BOZ	comp=Z,2.1nm,1.0s				LR		
MNTX	comp=Z,3um,22.0s Cornudas Mount	96.84	59	P	P	00 37 06.5	-1.6
MNTX	baz=253 Cornudas Mount	96.84	59	PFAKE	LR	00 37 20.0	+12
MNTX	comp=Z,1um,20.0s				LR		
ANMO	Albuquerque	96.94	56	eP	pmax	00 37 08.3	-0.4
ANMO	comp=Z,5.0nm,1.3s				pmax		
ANMO	comp=Z,1um,22.0s Albuquerque	96.94	56	eP	MLR	00 37 08.3	-0.4
ANMO	comp=Z,4.9nm,1.3s				LR		
LKWY	comp=Z,1um,22.0s Lake	97.01	45	PFAKE	LR	00 37 20.0	+11
LKWY	comp=Z,3um,20.0s Boulder Array	97.02	47	PFAKE	LR	00 37 20.0	+11
BW06	BW06				LR		
PDAR	comp=Z,1um,22.0s Pinedale Array	97.02	47	P	P	00 37 08.6	-0.4
PDAR	comp=Z,0.3nm,0.4s,baz=226,slow=3.3,SNR=7.8				LR		
TXAR	comp=Z,7.43nm,19.2s,baz=256,slow=32 Lajitas Array	97.57	62	P	P	00 37 09.5	-2.1
TXAR	comp=Z,0.1nm,0.4s,baz=224,slow=5.0,SNR=3.0				LR		
RLMT	comp=Z,1um,18.6s,baz=0.0,slow=32 Red Lodge	97.95	45	PFAKE	LR	00 37 20.0	+6.9
RLMT	comp=Z,4um,20.0s Great Sand Dun	98.49	53	eP	P	00 37 15.6	-0.2
SDCO	comp=Z,3.7nm,1.4s				LR		
SDCO	comp=Z,1um,21.0s Eagleton	98.51	42	PFAKE	LR	00 37 30.0	+15
EGMT	comp=Z,845nm,21.0s Idaho Springs	98.98	51	PFAKE	LR	00 37 30.0	+12
ISCO	comp=Z,3um,22.0s LASA Array	100.43	44	PFAKE	LR	00 37 30.0	+6.1
LAO	LAO				LR		
YKA	comp=Z,2um,21.0s Yellowknife Ar	100.48	27	P	Pdf	00 37 22.4	-1.2
ZALV	comp=Z,1.3nm,0.6s,baz=243,slow=4.0,SNR=2.8 Zalzevo Beam	100.50	323	P	Pdf	00 37 22.2	-1.8
JCT	comp=Z,0.5nm,0.5s,baz=153,slow=4.8,SNR=5.2 Junction City	101.11	62	PFAKE	LR	00 37 40.0	+13
JCT	JCT				LR		
PAYG	comp=Z,2um,22.0s Puerto Ayora	101.16	94	PFAKE	LR	00 37 40.0	+12
NVS	comp=						

21d Oh

Table of station data for 21d Oh, including call signs, frequencies, and technical parameters.

2011 AUG

Table of station data for 2011 AUG, including call signs, frequencies, and technical parameters.

1026

Table of station data for 1026, including call signs, frequencies, and technical parameters.

DDA 21 00:35:14.8, 37:79N-35:87E, h7km, Md2.6
ISK 21 00:35:14.6, 37:78N-35:87E, h7km, MD2.8
CSEM 21 00:35:15.2, 37:80N-35:85E, h5km, MD2.8
ISC 21 00:35:14.9, 37:79N-35:88E, 0.02, h8km, 10km, n38, -037/48, Turkey

Code Station Name Az Phase ID Time Res

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

ISCJB 21 00:57:46.6:0.4, 30.63N:0.06:69.93E:0.04, h23km, mb3.9/23, Error ellipse: s-maj=8.6km s-min=4.4km az=22.5

IDC 21 00:57:47.0:0.9, 30.88N:69.87E, h0km, mb3.8/18, mb1.4/0.20, mb1mx3.8/5.2, mbtmp3.9/20, ML4.1/2, MS3.5/1, Ms1.3/5.1, ms1mx2.7/46, Error ellipse: s-maj=18.8km s-min=16.3km az=110.0

NEIC 21 00:57:48.4:0.5, 30.90N:69.85E, h10km, mb4.1/3, Error ellipse: s-maj=10.1km s-min=8.1km az=130.0

NDI 21 00:57:51.2:1.6, 30.57N:70.26E, h10km, ML4.0, mb4.1(NEIC)

ISC 21 00:57:48.9:0.6, 30.74N:0.06:69.97E:0.05, h23km, n59, az=252/69, mb3.9/26, Pakistan

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THW, SARP, CEP, etc.

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

ISCJB 21 01:12:51.9:0.7, 64.88S:0.09:170.8W:0.3, h10km, mb4.9/9, Error ellipse: s-maj=17.9km s-min=13.0km az=162.9

IDC 21 01:12:51.2:0.7, 64.78S:170.44W, h0km, mb4.2/6, mb1.4/3.7, mb1mx4.2/21, mbtmp4.2/27, ML3.7/1, Error ellipse: s-maj=33.3km s-min=23.4km az=38.0

NEIC 21 01:12:52.0:0.4, 64.36S:170.36W, h10km, mb4.5/1, Error ellipse: s-maj=13.3km s-min=9.8km az=79.0

ISC 21 01:12:52.9:0.7, 64.9S:0.1:170.5W:0.2, h10km, n33, az=083/30, mb4.9/1, IC, Pacific-Antarctic Ridge

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

ISC 21 01:18:43.1:1.7, 51.40N:0.08:162.7E:0.05, h0km, n14, az=089/30, Poland

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

IDC 21 01:24:10.1:1.7, 18.58S:168.14E, h13km, 9km, mb4.7/20, mb1.4/8.22, mb1mx4.8/3.3, mbtmp4.8/23, ML4.7/3, MS4.7/22, Ms1.4/7.22, ms1mx4.6/31, Error ellipse: s-maj=12.8km s-min=10.7km az=69.0

ISCJB 21 01:24:11.5:0.1, 18.58S:0.03:168.12E:0.03, h33km, mb5.1/92, MS4.8/3, Error ellipse: s-maj=4.7km s-min=3.8km az=135.7

MOS 21 01:24:11.8:1.1, 18.55S:168.02E, h33km, mb5.3/43, MS4.9/15, Error ellipse: s-maj=9.1km s-min=8.6km az=55.2

BUI 21 01:24:12.6:18.60S:168.10E, h33km, mb5.0/53, MB5.3/44, Ms5.0/36, Ms7.4/736

GCMT 21 01:24:12.7:0.2, 18.53S:167.87E, h31km, MW5.5/105, Moment Tensor Solution. s1, c60; s105, c156; Duration: t33 Moment tensor: Scale 10^17Nm; Mn1.52e+08; Mw0.12e+05; Mb0.140e+05; Mw0.21e+08; Ms0.48e+03; Mv0.96e+06; Best double couple; Mv1.82500e+10; NP1.3e+15; 0.000000; 8.61000000; 1.93.000000; NP2a:338.000000; 829.000000; 1.84.000000; Principal axes: T 1.000, P1g74.00000, Azm83.00000; N 0.0370, P1g30.00000, Azm253.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 21 01:24:12.7:0.2, 18.58S:168.11E, h33km, 13km, mb5.2/66, Error ellipse: s-maj=4.9km s-min=4.4km az=50.0

ISC 21 01:24:12.4:0.5, 18.66S:0.04:168.19E:0.05, h31km, 3km,

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM, HNR, HNR, etc.

21d 1h

2011 AUG

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.).

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21d 1h

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res. Lists various stations like KRBG, CRLT, SBT3, etc.

2011 AUG

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res. Lists various stations like URLA, Izmir, CHOS, etc.

1030

Table with columns: Code, Station Name, Az, Az2, Op, Phase ID, Time, Res. Lists various stations like CHIC, Chingaza, ROSC, etc.

Table with columns: PBRG, POLO, PVRL, etc. and rows for Braganca, Lamas de Olo, Vila Real, etc.

NEIC 21 02:22:48.0,36:37N;117:94W,h2km,ML3.2(PAS),After PAS.

ISC 21 02:22:47.8,0.9,36:37N;117:88W;0.02,1.11km;7km,n33,-1848/67,California-Nevada border region

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various flags.

KRSC 21 02:31:41.2,0.7,55:17N;160:49E,h0km,4km,ML4.4
ISC/JB 21 02:31:43.2,0.2,55:18N;0.01;160.46E;0.04,h10km,mb4.3/45,MS4.1/4, Error ellipse: s-maj=3.1km s-min=1.9km az=17.5

Main station list table for 2011 AUG with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various flags.

Main station list table for 1034 with columns: KLR, TIXI, etc. and rows for Kuldur, Tiksi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WMOk Wichita Mounta, KIV Kislovodsk, KBZ Khabaz, etc.

ISCBJ 21 02:32:37.5:0.8, 51.42N:0.04:16.08E:0.03, h0km, Error ellipse: s-maj=5.4km s-min=3.0km az=11.0
CSEM 21 02:32:38.2:0.5, 51.47N:1.68E, h1km, ML2.8/12, Error ellipse: s-maj=8.2km s-min=5.0km az=1.0
VIE 21 02:32:38.2:0.5, 51.38N:15.99E, h0km, ML2.5/5, Error ellipse: s-maj=4.3km s-min=3.2km az=84.0, Suspected Mining induced.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BIPH BIPH, CGP Caqayan de Oro, PLP Palo, etc.

CSEM 21 02:40:48.3, 43.63N: 12.80E, h16km, MD1.5/4, ROM 21 02:40:48.3:0.1, 43.63N: 12.80E, h16km, MD1.5/4, MD1.6/2, Error ellipse: s-maj=1.8km s-min=0.7km az=107.0
Central Italy
MPAG Monte Paganucc 0.03 260 Op Pg ISC 02 40 51.4 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JMA 21 02:57:31.9, JMA Felli II J1, etc.

ISCBJ 21 02:57:31.9, 37.65N: 141.75E, h48km, 2km, M4.1, JMA Felli II J1, Error ellipse: s-maj=3.9/13, mbl1mx3.7/4.1, mbtmp3.9/13, Error ellipse: s-maj=19.9km s-min=15.1km az=103.0
ISCBJ 21 02:57:32.4:0.8, 37.62N:0.04:141.80E:0.06, h52km, 6km, n36, a157/46, mb3.7/10, Near east coast of eastern Honshu
Code Station Name Az Az' Phase ID Time Res ISC h m s ISC

21d 3h

Table of station data for the 21-day period, including station names, coordinates, and various parameters like elevation and signal strength.

2011 AUG

Main table of station data for August 2011, listing station names, coordinates, and various parameters.

1036

Table of station data for the 1036-day period, including station names, coordinates, and various parameters.

21d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for CMAR, NRK, SONM, LUWI, MJAR, PETK.

NIED 21 04:27:00.37,50N;142.70E,h17km,Mw3.8 Best double couple. M6.49000;1014 NP1.0;5.030000;0.821.00000;...

ICD 21 04:27:35.9-0.8,37.41N;142.88E,h0km,mb3.9/7, mb1.4/1.1,mb1mx3.8/2.8,mbtmp3.9/11,ML3.9/2,MS3.2/4, Ms1.3/4,ms1mx3.8/2.8,Error ellipse: s-maj=24.9km s-min=18.1km az=108.0

ISCJB 21 04:27:38.1-1.7,37.47N;142.76E,0.05,h33km,13km,mb4.1/1.1,MS3.9/1,Error ellipse: s-maj=8.3km s-min=6.1km az=155.5

NEIC 21 04:27:38.1-3.9,37.46N;142.91E,h15km,24km,mb4.4/3, Error ellipse: s-maj=13.6km s-min=7.1km az=120.0

JMA 21 04:27:38.6-0.2,37.51N;142.74E,h33km,ML3.0

ISC 21 04:27:39.7-0.8,37.48N;142.74E,0.07,h24km,5km, n41,+15/43,mb4.1/1.1,Off east coast of Honshu

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Ouri, Kawauchi, Marumori, Iwakimizuishi, Okura, Ichinoseki, Shirataka, etc.

MEX 21 04:28:56.7-0.5,14.73N;92.56W,h87km,18km,MD3.7, Near coast of Chiapas

DJA 21 04:29:27.9-2.5,1.54S;13.8E,5.0,h31km,49km,ML4.0/3, MLV4.0/3

ISCJB 21 04:29:32.8-0.6,2.51S;10.07W;138.35E;0.08,h32km, mb4.1/6, Error ellipse: s-maj=12.9km s-min=7.2km

NEIC 21 04:29:35.0-5.2,5.53S;138.41E,h35km,mb4.0/2, Error ellipse: s-maj=13.9km s-min=10.5km az=102.0

ICD 21 04:29:35.5-3.5,2.55S;138.44E,h41km,35km,mb3.8/4, mb1.4/1.6,mb1mx3.6/2.8,mbtmp4.0/6,ML3.8/2,MS3.6/1, Ms1.3.6/1,ms1mx2.8/3.4,Error ellipse: s-maj=32.6km s-min=21.2km az=115.0

ISC 21 04:29:39.0-0.8,2.48S;107.138.55E;0.09,h32km,n14,+15/43,mb4.1/6,Irian Jaya

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

2011 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK, VYDA, BRVK, ABKA, ILAR.

SJA 21 04:30:04.3-1.3,29.86S;71.92W,h54km,20km,ML4.2, MW4.2

NEIC 21 04:30:07.0,30.14S;71.45W,h50km,mb4.3/1.5,After GUC

NEIC Felt [II] at Coquimbo, La Higueras and La Serena; [I] at Antofagasta and La Ligua

IGC 21 04:30:09.3-3.3,30.07S;71.58W,h57km,29km,mb3.7/4, mb1.4/0.8,mb1mx3.8/2.7,mbtmp4.1/8,ML4.0/4,MS3.3/3, Ms1.3/4,ms1mx3.0/1.7,Error ellipse: s-maj=32.2km s-min=28.8km az=56.1

ISC 21 04:30:04.1-1.7,30.00S;71.74W,0.06,h11km,10km, n53,+148/59,mb4.5/1.9,Dir, near coast of central Chile

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tololo Astrono, Las Campanas, Las Campanas, etc.

1038

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like HLID Hailey, BGU Big Grassy Mtn, TUC Tucson, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WLF Waifergange, DAVA Damuets, AQU L'Aquila, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like STKA Stephens Creek, STKA Terra Mystica, RAR Rarotonga, etc.

TLL			eS	Sn	05 10 46.2	-1.5
AGUA	GUANDACOL	3.29	136	eP	05 10 19.0	-4.0
AGUA			eS	Pb	05 10 10.0	+5.8
AROD	Rodeo	3.35	155	eP	05 10 18.1	+2.4
AROD			eS	Pn	05 11 08.1	+2.9
AVDU	Cuesta del Vie	3.50	151	eP	05 10 12.7	-3.7
PB10	IPOC Station P	3.63	8	ePn	05 10 17.8	-2.2
PB10			eS	Pn	05 10 58.5	-3.3
ACCO	Cerro Coronel	3.89	153	eP	05 10 26.0	+2.2
ACCO			eS	Pb	05 11 26.9	+6.4
			IAML	P	05 11 35.5	
	comp=Z,906nm,0.7s					
AMOG	MOGNA	4.43	150	eP	05 10 32.9	+1.8
FSA	Cafayete	4.69	79	eP	05 10 39.6	+4.8
FSA			eS	Pn	05 11 47.5	+3.9
AVFE	Valle Fertil	4.75	139	eP	05 10 37.8	+2.3
AVFE			IAML	P	05 11 57.5	
	comp=Z,266nm,0.4s					
PB04	IPOC Station P	4.85	10	ePn	05 10 34.4	-2.5
PB04			eS	Pn	05 11 32.5	+0.3
CYA	Choya	4.87	107	eP	05 10 39.3	+2.2
CYA			eS	Pb	05 11 44.0	-4.6
LVC	Limon Verde	4.91	24	ePn	05 10 37.7	-0.3
LVC			eS	Pn	05 11 36.0	+1.9
	comp=Z,349nm,0.3s,baz=241,slow=12,SNR=34					
LVC			eS	Lg	05 11 56.6	
	comp=Z,980nm,0.3s,baz=174,slow=9,SNR=4.1					
LVC	Limon Verde	4.91	24	ePn	05 10 36.8	-1.2
LVC			eS	Pn	05 11 33.4	+0.6
LVC			eS	Lg	05 11 56.6	
AUSP	Uspallata	5.30	164	eP	05 10 44.9	+1.8
ASAL	Salagasta	5.79	161	eP	05 10 51.5	+1.7
ROCI	Ei Roble	5.83	179	ePn	05 10 50.1	-0.4
ARCO	CERRO ARCO	6.00	162	IAML	05 12 24.7	
	comp=Z,418nm,0.6s					
ACAN	PB01	6.16	147	eP	05 10 56.3	+1.5
PB01	IPOC Station P	6.23	14	ePn	05 10 54.0	-1.8
AAGR	Agrelo	6.26	162	eP	05 10 59.6	+3.4
LPAZ	La Paz	11.13	15	ePn	05 12 02.1	-1.4
LPAZ			eS	Lg	05 17 04.3	
	comp=Z,581nm,18.1s,baz=198,slow=42					
LPAZ	La Paz	11.13	15	ePn	05 12 02.5	-1.1
CPUP	Villa Florida	12.34	89	Lg	05 17 01.1	
CPUP			eS	Pn	05 12 16.3	-3.1
PLCA	Paso Flores	13.58	178	Pn	05 12 32.5	-3.9
PLCA			eS	Lg	05 17 49.9	
	comp=Z,923nm,19.4s,baz=14,slow=36					
PLCA	Paso Flores	13.58	178	ePn	05 12 36.9	+0.4
SIV	San Ignacio	14.47	42	Pn	05 12 45.3	-3.4
	comp=Z,0.3nm,0.3s,baz=250,slow=12,SNR=3.8					
NNA	Nana	15.99	339	LR	05 17 58.5	
	comp=Z,200nm,20.8s,baz=132,slow=32					
SAML	Samuel	19.57	24	eP	05 13 50.7	-0.7
	comp=Z,18nm,1.1s					
CHRN	Cochrane	20.12	183	eP	05 13 59.2	0.0
	comp=Z,5.7nm,0.9s					
PTGA	Pitinga	28.34	24	eP	05 15 17.3	0.0
PTGA			eS	Pn	05 15 16.9	-0.3
	comp=Z,10nm,0.9s,baz=197,slow=8.8,SNR=20					
PRAC	Prado	30.87	353	eP	05 15 39.5	-0.3
	comp=Z,16nm,1.0s					
RUSC	La Rusia	32.88	356	eP	05 15 58.5	+0.7
RUSC			eS	P	05 15 57.9	0.0
	comp=Z,13nm,0.9s					
HEL2	La Rusia	33.39	352	eP	05 16 02.8	+0.6
HEL2			eS	P	05 16 02.8	+0.6
	comp=Z,6.9nm,1.0s					
SJCC	San Jacinto, C	37.01	353	eP	05 16 33.5	+0.5
PMSA	Palmer Station	37.93	175	LR	05 31 36.8	
	comp=Z,227nm,18.7s,baz=338,slow=35					
SNA4	Sanae	57.68	160	P	05 19 12.7	-0.4
SNA4			eS	P	05 19 12.8	-0.4
	comp=Z,5.8nm,0.8s,baz=272,slow=8.2,SNR=31					
347A	Saraland	60.53	343	P	05 19 33.9	+0.7
	comp=Z,1nm,1.0s					
933A	Laredo	60.78	331	P	05 19 36.9	+1.9
	comp=Z,151					
834A	Tilden	60.93	332	P	05 19 38.0	+1.9
	comp=Z,152					
736A	Circle Diamond	61.07	334	P	05 19 38.9	+2.0
	comp=Z,153					
344A	Westbrook Farm	61.19	341	P	05 19 39.4	+1.7
	comp=Z,160					
833A	Chaparral WMA	61.46	332	P	05 19 41.3	+1.7
	comp=Z,151					
245A	Little AP, Sta	61.49	342	P	05 19 40.6	+0.8
	comp=Z,161					
832A	Faith Ranch, C	61.67	331	P	05 19 42.6	+1.6
	comp=Z,151					
244A	Avery, Jackson	61.73	341	P	05 19 41.8	+0.4
	comp=Z,160					
439A	Center Grove,	61.87	337	P	05 19 46.0	+3.7
	comp=Z,156					
248A	Northport	62.17	344	P	05 19 46.4	+2.2
	comp=Z,163					
242A	Grayson	62.18	340	P	05 19 46.6	+2.2
	comp=Z,159					
143A	Socs Landing,	62.55	341	P	05 19 49.1	+2.2
	comp=Z,160					
Y47A	UCPARC, Winfie	62.74	344	P	05 19 48.1	+0.1
	comp=Z,163					
Y46A	Houston	62.97	343	P	05 19 49.6	0.0
	comp=Z,162					
QSPA	South Pole Qui	63.09	340	eP	05 19 50.4	+0.1
335A	Moody	63.28	335	P	05 19 53.7	+1.9
	comp=Z,154					
433A	Art	63.46	333	P	05 19 54.0	+1.0
	comp=Z,152					
JCT	Junction City	63.51	332	P	05 19 55.5	+2.1
	comp=Z,151					
CPCT	Cooper Cave	63.52	348	eP	05 19 53.2	0.0
	comp=Z,4.9nm,1.1s					
SWET	Sewanee	63.57	346	eP	05 19 53.4	-0.2
	comp=Z,5.6nm,0.9s					
236A	Katherine and	63.59	336	P	05 19 55.7	+1.9
	comp=Z,155					
334A	Lometa	63.64	334	P	05 19 56.1	+2.0
	comp=Z,153					
333A	Richland Sprin	63.92	334	P	05 19 57.1	+1.1
	comp=Z,152					
WHTX	Lake Whitney,	63.93	335	P	05 19 57.4	+1.4
	comp=Z,154					
234A	Clairette	64.20	335	P	05 19 59.0	+1.2
	comp=Z,153					
TXAR	Lajitas Array	64.22	329	P	05 19 59.3	+1.1
	comp=Z,0.3nm,0.7s,baz=150,slow=10,SNR=4.8					
233A	Rising Star	64.50	334	P	05 20 01.1	+1.2
	comp=Z,152					
Y39A	Lockesburg	64.53	339	P	05 20 00.9	+1.0
	comp=Z,157					
Z36A	Blue Ridge	64.71	337	P	05 20 02.4	+1.3
	comp=Z,155					
WVT	Waverly	64.86	345	eP	05 20 01.2	-0.8
	comp=Z,9.8nm,1.0s					
MIAR	Mount Ida	64.92	340	P	05 20 03.4	+0.9
	comp=Z,158					
MIAR	Mount Ida	64.92	340	eP	05 20 03.2	+0.8
	comp=Z,4.6nm,0.9s					
133A	Hamilton Ranch	65.03	334	P	05 20 04.5	+1.2
	comp=Z,153					
Z35A	Perchaven, San	65.05	336	P	05 20 04.5	+1.2
	comp=Z,154					
X39A	Fountain Ranch	65.06	339	P	05 20 04.5	+1.2
	comp=Z,157					
V44A	Blytheville	65.08	343	P	05 20 04.6	+1.2
	comp=Z,161					
W41B	Gary Mavity, V	65.11	341	P	05 20 04.2	+0.6
	comp=Z,159					
ABTX	Ablene, Hawle	65.33	334	P	05 20 06.6	+1.4
	comp=Z,152					
ABTX	Ablene, Hawle	65.33	334	eP	05 20 06.2	+1.0
	comp=Z,12nm,1.1s					
Z34A	Collier Ranch,	65.33	335	P	05 20 06.3	+1.2
	comp=Z,154					
W40A	Ferguson Farm,	65.37	340	P	05 20 07.1	+0.8
	comp=Z,158					
X38A	Whitesboro	65.44	339	P	05 20 07.0	+1.2
	comp=Z,157					
X37A	Clayton	65.54	338	P	05 20 07.3	+0.8
	comp=Z,156					
Z33A	Whitaker Ranch	65.58	335	P	05 20 07.6	+0.9
	comp=Z,153					
W39A	Magazine	65.59	340	P	05 20 07.8	+1.0
	comp=Z,158					
V41A	Mountainview	65.65	341	P	05 20 07.7	+0.5
	comp=Z,159					
W38A	Poteau	65.70	339	P	05 20 08.7	+1.2
	comp=Z,157					
Y34A	Reagan Ranch,	65.80	336	P	05 20 09.4	+1.2
	comp=Z,156					
X36A	Centrahoma,	65.86	337	P	05 20 08.9	+0.4
	comp=Z,155					
V40A	Witts Springs	65.86	341	P	05 20 09.0	+0.4
	comp=Z,159					
X35A	Drake	65.92	337	P	05 20 09.1	+0.2
	comp=Z,155					
U42A	Reventon	65.93	342	P	05 20 09.1	+0.2
	comp=Z,158,SNR=8.7					
W37B	Quinton	66.06	338	P	05 20 10.6	+0.7
	comp=Z,156					
U41A	Viola	66.11	342	P	05 20 10.6	+0.5
	comp=Z,160					
PBMO	Poplar Bluff	66.12	343	eP	05 20 10.4	+0.3
	comp=Z,7.8nm,0.8s					
V39A	Pettigrew	66.14	340	P	05 20 10.8	+0.4
	comp=Z,158					
Y33A</						

21d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like D33A AnnSam, Waubun, E31A Nome, C35A Jirik Farms, etc.

GUC 21 05:23:32.9, 0.5, 33.375x72.31W, h40km, 3km, ML3.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ROC1 El Roble, RCDM Rinconada Maip, etc.

ATH 21 05:28:29.3, 35.89N-21.25E, h36km, 3km, ML3.3/11, Error ellipse: s-maj=3.7km s-min=1.1km az=343.0

2011 AUG

ISCJB 21 05:28:30.3, 0.5, 35.93N, 0.03-21.27E, 0.04, h60km, 6km, mb3.9/8, MS3.0/1, Error ellipse: s-maj=6.5km s-min=3.4km az=43.3

CSEM 21 05:28:30.3, 0.5, 35.86N-21.22E, h30km, ML3.5 THE 21 05:28:31.2, 35.92N-21.21E, h32km, 5.4km, ML3.5/10, Error ellipse: s-maj=5.4km s-min=1.1km az=70.0

ISC 21 05:28:31.6, 3.5, 36.01N-21.38E, h32km, 2.9km, mb3.8/9, mb1.3/9.18, mb1mx3.7/4.5, mbmp3.8/18, ML3.3/9, MS3.1/1, MS1.3/1.1, ms1mx2.3/4.4, Error ellipse: s-maj=19.4km s-min=16.1km az=0.0

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PYL PYLOS, ITM lthomi, KYTH Kithira, etc.

1042

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANOYIA Anoyia, SIVA Sivas, ATAL Atalanti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARGES, Muntele Rosu, MLR, BRTR, PLOA, etc.

MEX 21 05:36:18.5-0.4, 15.80N-95.65W, h15km, MD3.7, Near coast of Oaxaca. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

ISCJB 21 05:48:27.0-0.4, 24.65N-103.122.59E-0.02, h105km, 4km, Error ellipse: s-maj=4.8km s-min=2.4km az=168.1

JMA 21 05:48:27.0-0.1, 24.58N-122.52E, h105km, 1km, M3.1

TAP 21 05:48:28.2, 24.62N-122.60E, h92km, 1km, ML3.8, H104

ISC 21 05:48:27.6-1.3, 24.63N-103.122.58E-0.02, h104km, 8km, n63, c082/109, 3C-12D, Taiwan region

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HATJ, WHF, NCU, etc.

JOD2, JFT, JIE, JKW, TK02, JHU, JHU, KRSR, USRK, KLR. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

PGC 21 05:53:31.7-0.1, 59.00N-135.34W, h10km, ML2.0/3, 13km southwest of Haines, AK Southeastern Alaska, Southeastern Alaska. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

IDC 21 05:54:13.4-2.6, 6.54S-147.52E, h0km, mb3.7/3, mb1.3/0.5, mb1mx3/3.9, mbmtmp3.7/5, ML3.4/1, MS3.3/4, Tori 1.3/3.4, mb1mx2.8/3.3, Error ellipse: s-maj=58.6km s-min=23.1km az=88.0, Eastern New Guinea region. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

NIED 21 05:54:00.36-9.0N-141.90E, h23km, Mw3.6 Best double couple: M2=5100x1014 N1=2x248.00000, d11.00000, 1.160.00000, N2=358.00000, d86.00000, lambda80.00000. IDC 21 05:54:16.4-1.5, 36.94N-142.12E, h0km, mb3.6/3, mb1.3/0.6, mb1mx3.5/4.8, mbtmp3.7/5, ML3.9/2, MS2.8/3, M1=2.8/3, m1mx2.4/4.9, Error ellipse: s-maj=32.4km s-min=25.4km az=134.0

ISCJB 21 05:54:18.0-1.2, 36.90N-142.00E-0.06, h22km, 6km, mb3.5/3, MS3.2/1, Error ellipse: s-maj=8.7km s-min=6.4km az=0.3

JMA 21 05:54:20.0-0.2, 36.94N-141.88E, h40km, 3km, M3.7

ISC 21 05:54:18.5-1.9, 36.91N-141.81E-0.07, h14km, 11km, n26, c198/30, mb3.6/3, Near east coast of eastern Honshu

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

IDC 21 06:02:50.7-6.9, 6.83S-147.73E, h85km, 62km, mb3.3/2, mb1.3/0.4, mb1mx3.2/3.0, mbtmp3.6/4, ML3.5/1, Error ellipse: s-maj=87.1km s-min=54.2km az=120.0, Eastern New Guinea region

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

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KULA, DALY, KZD, EDC, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like UPM, Gruz, BTAS, SAHE, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ZNM, MYKA, CONA, HNKL, etc.

Table with columns: GDB, GEDABAY, 2.59 131 P, Pb, 06 48 33.4 -2.0, etc. Includes various station codes and coordinates.

Table with columns: CLL, Collin, 22.31 304 eP, P, 06 52 49.0 +2.4, etc. Includes various station codes and coordinates.

Table with columns: BRTR, Keskin Array B, 76.95 308 P, P, 07 21 35.9 +0.4, etc. Includes various station codes and coordinates.

Table with columns: TXAR, Lajitas Array, 46.10 329 P, P, 07 55 58.2 +0.0, etc.

Table with columns: DEMI Demirci, 1.27 63 P, Pg, 07 57 59.7 +0.1, etc.

Table with columns: QIZ Qiongzong, 20.30 44 eP, P, 08 22 49.4 -0.1, etc.

IDC 21 07:50:36.6:1.2, 7.13S:147.09E, h0km, mb3.8/5, mb1 4/1.8, mb1mx3.9/22, mbtpr3.9/8, ML3.9/2, MS3.2/2, MS1 3/2.2, ms1mx2.7/28, Error ellipse: s-maj=41.1km s-min=18.3km az=97.0

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

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

ISC/JB 21 07:50:39.7:1.0, 7.11S:0.08E:146.8E:0.1, h30km, mb3.7/4, MS3.6/1, Error ellipse: s-maj=19.6km s-min=10.7km az=172.9

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

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

ISC 21 07:50:42.0:1.0, 7.20S:0.09E:146.6E:0.1, h30km, n11, e197/12, mb3.9/4, Eastern New Guinea region

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

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

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

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

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

NIED 21 07:53:00.37:60N:144.30E, h5km, Mw3.3 Best double couple: Mo:1.070000e+10, N1:3e224.00000e-8, B4:0.00000e-8, L-6:0.00000e-8, NP2:3e6.00000e-8, S5:0.00000e-8, X-1:114.00000e-8

JMA 21 07:53:28.9:0.3, 37.57N:144.34E, h46km, M3.6, Off offset coast of Honshu

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

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

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

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

ISC/JB 21 07:57:34.9:0.6, 38.47N:0.03:27.27E:0.04, h8km, 8km, Error ellipse: s-maj=5.9km s-min=4.6km az=154.1

ISC 21 07:57:34.3:0.8, 38.47N:0.27E:112km, MD2.5, Error ellipse: s-maj=2.8km s-min=2.6km az=56.0

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

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

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

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

1051

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LZH, DHRM, SOEI, NLAI, etc.

2011 AUG

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SONM, KS15, KSAR, etc.

21d 8h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PMG, BBOO, AKTO, etc.

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

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

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

HLW 21 08:25:47.3, 36.07N-21.87E, h60km, 35km, M3.6
ATH 21 08:25:49.0, 35.97N-21.96E, h11km, 1km, ML3.76, Error ellipse: s-maj=2.4km s-min=0.8km az=46.0
ISCJB 21 08:25:48.7, 0.6, 35.96N, 0.02, 21.88E, 0.02, h3km, 4km, mb4.0/5, MS3.71, Error ellipse: s-maj=4.4km s-min=2.4km az=41.9
IDC 21 08:25:48.0, 1.2, 35.89N, 22.07E, h0km, mb4.0/6, mb1.3.9/12, mb1mx3.7/51, mb1mx3.7/12, ML3.26, MS3.2/3, Ms1.3.2/3, ms1mx2.6/44, Error ellipse: s-maj=2.40km s-min=1.86km az=172.0
CSEM 21 08:25:49.6, 0.2, 35.95N-21.93E, h2km, ML3.7, Error ellipse: s-maj=5.6km s-min=2.8km az=224.0
THE 21 08:25:51.7, 36.05N-22.02E, h1km, 1km, ML3.7/40, Error ellipse: s-maj=2.2km s-min=0.8km az=224.0
ISC 21 08:25:47.9, 1.2, 35.94N, 0.03, 21.90E, 0.03, h1km, 9km, n27.7, r155/364, mb3.9/5, 6C-7D, Central Mediterranean

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

Moment Tensor Solution. s68.c93: s84.c123: Duration: 0. Moment tensor: Scale 10^16Nm; Mr5.17z.21; Mw0.06z.15; Mw-5.24z.14; Mw1.42z.28; Mw2.07z.10; Mw-4.18z.20; Best double couple: Mw7.10000x10^16 Np1.9z161.00000z; s64.00000z; s90.00000z; NP2: 0.341.00000z; s26.00000z; s90.00000z; Principal axes: T 6.7090, P1g71.0000z, Azm71.0000z; N 0.7760, P1g0.0000z, Azm341.0000z; P -7.4910, P1g19.0000z, Azm251.0000z; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 21 09:03:49.4-0.3, 16.705z, 0.05z, 168.05E, 0.05z, h29km, n317, c134/326, mb5.0/116, Msd3/28, 4C-4D, Vanuatu Islands

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

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

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Includes stations like WAKR Walker, PNTR Pine Nut, YERR Yerington, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Includes stations like SUMG Summit, ARCO ARCES Array B, AREO ARCES Array S, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Includes stations like MLSB Milas, TURN Turunc, DALY Dalyan, etc.

ellip: s-maj=5.7km s-min=3.3km az=11.0
CSEM 21 09:22:00.3, 0.2, 37.25N-28.20E, h2km, MD2.5, Error
ellip: s-maj=5.4km s-min=3.2km az=20.0
DDA 21 09:22:00.6, 0.9, 37.24N-28.19E, h7km, Md2.5, Suspected
Mining explosion.
ISC 21 09:22:00.6, 0.9, 37.24N-28.19E, h7km, Md2.5, Suspected
Mining explosion.

ISCJTB 21 09:24:28.9, 0.5, 39.12N-0.04-28.99E, 0.04, h8km, 6km,
Error ellip: s-maj=7.4km s-min=4.9km az=156.1
CSEM 21 09:24:28.7, 0.1, 39.13N-28.99E, h10km, MD2.6, Error
ellip: s-maj=2.3km s-min=2.0km az=135.0
ISK 21 09:24:28.0, 39.14N-28.97E, h8km, MD2.6
DDA 21 09:24:29.0, 39.13N-29.00E, h7km, Md2.5
ISC 21 09:24:29.1, 0.9, 39.13N-28.99E, 0.03, h10km, 7km,
n21, c052/32, Turkey

ISCJTB 21 09:06:36.7, 0.6, 39.13N-0.04-27.56E, 0.03, h0km, Error
ellip: s-maj=5.9km s-min=3.5km az=0.8
ISK 21 09:06:36.6, 39.11N-27.56E, h12km, MD2.6
CSEM 21 09:06:37.4, 0.2, 39.11N-27.55E, h10km, MD2.6, Error
ellip: s-maj=5.7km s-min=3.8km az=5.0
DDA 21 09:06:37.8, 39.12N-27.53E, h7km, Md2.7, Suspected
Mining explosion.
ISC 21 09:06:36.5, 0.9, 39.16N-0.03-27.57E, 0.02, h0km, n22,
c050/34, Turkey

ISC 21 09:39:52.1, 2.5, 3.90S-152.53E, h0km, mb3.5/3,
mb1 3.9/3, mb1mx3.5/24, mbtmp3.6/3, MS2.9/1, Ms1 2.9/1,
ms1mx2.6/20, Error ellip: s-maj=205.4km
s-min=32.1km az=126.0, New Ireland region

21d 12h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Makanchi Array, Kurchatov Arra, Borovoye Array, etc.

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

2011 AUG

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

ISC 21 11:32:08.4±1.1, 34:51N;73:21E, h0km, mb3.7/5, mb1 3.9/6, mb1mx3.5/44, mbtmp3.8/6, ML3.9/1, MS2.7/2, Ms1 2.7/2, ms1mx2.3/45, Error ellipse: s-maj=41.1km s-min=24.9km az=51.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Sundarnagar, Manas, Ala-Archa, etc.

CSEM 21 11:39:33.8, 37:86N;26:09W, h5km, ML2.5, PDA 21 11:39:33.8±1.1, 37:86N;26:09W, h5km, MD3.5, ML2.5, Error ellipse: s-maj=6.6km s-min=2.6km az=34.0, Azores Islands

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

ISC 21 11:29:25.0±0.7, 2:44S; 138:30E, h0km, mb4.3/8, mb1 4.4/10, mb1mx4.0/39, mbtmp4.3/10, ML3.3/3, MS3.3/6, Ms1 3.3/6, ms1mx2.9/39, Error ellipse: s-maj=21.9km s-min=17.2km az=71.0

ISCJTB 21 11:29:28.1±0.4, 2:55S; 0:05E; 138:31E; 0:05E, h32km, mb4.4/13, MS3.2/3, Error ellipse: s-maj=7.9km s-min=7.0km az=161.6

NEIC 21 11:29:28.6±3.1, 2:51S; 138:41E, h22km, 23km, mb4.6/6, Error ellipse: s-maj=10.7km s-min=10.3km az=72.0

DJA 21 11:29:28.7±0.7, 2:58x13 BE, h10km, M3.9/4, MLV3.9/4, ISC 21 11:29:29.0±0.6, 2:50S; 0:07E; 138:43E; 0:05E, h32km, n26, n143/26, mb4.2/13, MS3.4/3, Irian Jaya

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

1060

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

ISC 21 11:52:17.1±2.5, 53:82N; 168:64E, h6km, mb4.4/1, Error ellipse: s-maj=20.7km s-min=9.9km az=11.4

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

MEX 21 11:58:27.2±1.1, 14:23N; 92:11W, h16km, 999km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Comitan, Warramunga Arr, WAKE ISLAND, etc.

ISC 21 12:22:40.9±5.5, 19:14N; 122:42E, h0km, mb4.1/3, mb1 4.2/4, mb1mx3.5/48, mbtmp4.1/4, ML3.4/1, Error ellipse: s-maj=21.57km s-min=25.1km az=101.0, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Kunigami, Warramunga Arr, WAKE ISLAND, etc.

21d 12h

2011 AUG

1062

Table with columns for station ID, name, coordinates, and various data points. Includes stations like TXAR Lajitas Array, PFO Pinyon Flats O, and NOA comp=2.1,5nm,0.6s, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other details. Includes entries like 104A Tendick Farm, G06A Carlson Farm, AKTO Aktuybinsk, etc.

Table with columns: RES, Name, RA, Dec, Mag, Type, and other details. Includes entries like Resolute Bay, Urumqi, WMO, etc.

Table with columns: BJI, Name, RA, Dec, Mag, Type, and other details. Includes entries like BJI comp=Z,130nm,4.6s, BJI comp=Z,2,um,22.7s, etc.

IDC 21 12:58:34.5+1.4, 18:40S, 167:75E, h0km, mb4.3/9, mb1.4.5/11, mb1mx4.1/46, mbtmp4.4/11, ML4.0/2, Error ellipse: s-maj=39.0km s-min=21.0km azz=129.0

ISCBJ 21 12:58:36.7+0.8, 18:47S, 0:07, 167:7E:0.1, h25km, mb4.3/12, Error ellipse: s-maj=18.3km s-min=9.3km azz=9.9

NEIC 21 12:58:40.1+0.7, 18:43S, 167:67E, h35km, mb4.7/6, Error ellipse: s-maj=17.1km s-min=13.6km azz=111.0

ISC 21 12:58:39.0+0.8, 18:41S, 0:07, 167:5E:0.1, h25km, n23, r154/24, mb4.4/12, Vanuatu Islands

Table with columns: Code, Station Name, RA, Dec, Mag, Type, and other details. Includes entries like DZM Mt Dzumac, DZM Mt Dzumac, etc.

21d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GTA, SHL, CLNS, SONM, etc.

2011 AUG

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WMO, SRSP, OHAK, etc.

1066

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSH, MCK, MDO, etc.

21d 13h

2011 AUG

1070

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like 247A Quitman, KONO Kongsberg, 147A Livingston, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like VRAC Vranov, ERPA Erie, 122.04 327, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like KHC Kasperse Hory, AMS AMS, 123.77 328, etc.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MXTX Muleshoe, AMTX Amarillo, 121A Cookes Peak, etc.

ISC/JB 21 13:58:07.9.1.2.6:30S:0.10x147.7E:0.2, h51km, mb4.0/5, Error ellipse: s-maj=32.3km s-min=13.1km az=10.1

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

ISC 21 14:05:13.2.1.1.6:35S:148.06E, h0km, mb3.8/4, mb1.4/0.6, mb1mx3.7/3.1, mbtmp3.8/6, ML3.8/1, Error ellipse: s-maj=44.6km s-min=20.3km az=119.0

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

SJA 21 14:24:40.7.0.7, 32.54S:69.85W, h140km, 6km, ML3.0, MW3.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AUSP Upallata, ARCO CERRO ARCO, etc.

IDC 21 14:26:08.2.3.1.6:39S:147.98E, h0km, mb3.8/2, mb1.3/0.5, mb1mx3.5/4.0, mbtmp3.7/4, ML3.5/1, Error ellipse: s-maj=74.6km s-min=32.8km az=100.0, Eastern New Guinea region

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

ISC/JB 21 14:29:29.9.0.3.8:06S:0.04x122.78E:0.04, h221km, mb4.2/18, Error ellipse: s-maj=6.8km s-min=3.9km az=144.9

IDC 21 14:29:30.1.1.9.7:95S:122.77E, h201km, 18km, mb3.8/11, mb1.3/0.15, mb1mx3.6/5.1, mbtmp4.3/15, Error ellipse: s-maj=24.1km s-min=9.3km az=66.0

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

ISC 21 14:56:24.7.0.8.5:54S:151.86E, h0km, mb4.3/10, mb1.4/5.1, mb1mx2.2/29, mbtmp4.3/11, ML2.2/1, MS3.5/3, Ms1.3/5.3, ms1mx2.9/25, Error ellipse: s-maj=30.9km s-min=17.1km az=115.0

ISC/JB 21 14:56:29.6.0.7.5:65S:0.1x151.7E:0.1, h45km, mb4.4/13, MS3.4/3, Error ellipse: s-maj=22.1km s-min=10.3km az=93.4

NEIC 21 14:56:32.3.2.5:59S:151.75E, h55km, 25km, mb4.8/3, Error ellipse: s-maj=27.4km s-min=15.5km az=91.0

ISC 21 14:56:31.1.0.8.5:65S:0.1x151.8E:0.2, h45km, n20, o#94/21, mb4.1/13, MS3.3/3, New Britain region

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

AZER 21 15:20:28.4.0.1.4:22'N:42.65E, h10km, Error ellipse: s-maj=19.1km s-min=5.3km az=31.0

CSEM 21 15:20:29.8.0.1.4:25'N:42.97E, h2km, ML3.4, Error ellipse: s-maj=3.1km s-min=2.7km az=113.0

DDA 21 15:20:29.4.42.48N:43.00E, h2km, ML3.9, TIF 21 15:20:29.0.42.57N:43.02E, h1km

MOS 21 15:20:30.8.1.5.4:25'N:43.03E, h2km, mb3.8/3, Error ellipse: s-maj=8.6km s-min=5.0km az=76.1

ISK 21 15:20:31.3.42.51N:42.90E, h80km, ML3.5, ISC 21 15:20:29.6.1.0.42.52N:0.01x43.02E:0.02, h9km, 6km, n97, o#95/167, mb3.7/3, 10C-12D, Western Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KORR Kora, DZM Mont Dzumac, etc.

ISC/JB 21 14:42:08.8.0.12.1'N:0.1x140.7E:0.1, h34km, mb3.6/7, Error ellipse: s-maj=19.6km s-min=16.0km az=36.0

IDC 21 14:42:12.9.4.1.1.12.15N:140.86E, h58km, 42km, mb3.6/7, mb3.6/7, mb1mx3.3/4.4, mbtmp3.6/7, ML4.4/1, Error ellipse: s-maj=33.3km s-min=19.2km az=101.0

ISC 21 14:42:10.7.0.9.12.2N:0.2x140.7E:0.1, h34km, n8, o#128/9, mb3.5/7, Western Caroline Islands

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

IDC 21 14:45:22.5.10.0.12.09N:91.88E, h0km, mb3.4/2, mb1.3/0.5, mb1mx3.2/15, mbtmp3.3/7, ML3.3/1, Error ellipse: s-maj=22.0km s-min=47.9km az=105.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

IDC 21 14:56:24.7.0.8.5:54S:151.86E, h0km, mb4.3/10, mb1.4/5.1, mb1mx2.2/29, mbtmp4.3/11, ML2.2/1, MS3.5/3, Ms1.3/5.3, ms1mx2.9/25, Error ellipse: s-maj=30.9km s-min=17.1km az=115.0

ISC/JB 21 14:56:29.6.0.7.5:65S:0.1x151.7E:0.1, h45km, mb4.4/13, MS3.4/3, Error ellipse: s-maj=22.1km s-min=10.3km az=93.4

NEIC 21 14:56:32.3.2.5:59S:151.75E, h55km, 25km, mb4.8/3, Error ellipse: s-maj=27.4km s-min=15.5km az=91.0

ISC 21 14:56:31.1.0.8.5:65S:0.1x151.8E:0.2, h45km, n20, o#94/21, mb4.1/13, MS3.3/3, New Britain region

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

AZER 21 15:20:28.4.0.1.4:22'N:42.65E, h10km, Error ellipse: s-maj=19.1km s-min=5.3km az=31.0

CSEM 21 15:20:29.8.0.1.4:25'N:42.97E, h2km, ML3.4, Error ellipse: s-maj=3.1km s-min=2.7km az=113.0

DDA 21 15:20:29.4.42.48N:43.00E, h2km, ML3.9, TIF 21 15:20:29.0.42.57N:43.02E, h1km

MOS 21 15:20:30.8.1.5.4:25'N:43.03E, h2km, mb3.8/3, Error ellipse: s-maj=8.6km s-min=5.0km az=76.1

ISK 21 15:20:31.3.42.51N:42.90E, h80km, ML3.5, ISC 21 15:20:29.6.1.0.42.52N:0.01x43.02E:0.02, h9km, 6km, n97, o#95/167, mb3.7/3, 10C-12D, Western Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KORR Kora, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARNR Ardon, STDR Stavd-Durt, AKH Akhalkalaki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SOEI Soe, KAPI Kappang, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CLCH Cerro Calan, ROCH El Roble, PEL Pelehue, etc.

ICD 21 15:28:02.0, 1.3, 7.56S: 128.62E, h0km, mb4.0/3, mb1 4.2/6, mb1mx3.8/36, mbtmp4.0/6, ML4.3/3, MS3.7/4, Ms1 3.8/4, ms1mx3.0/41, Error ellipse: s-maj=83.6km s-min=24.2km az=75.0

ICD 21 15:28:10.8, 0.7, 7.81S: 128.55E, h0km, mb3.9/4, mb1 4.0/5, mb1mx3.6/48, mbtmp3.8/5, ML3.6/1, Error ellipse: s-maj=228.0km s-min=36.8km az=74.0, Vanuatu Islands

DDA 21 16:25:57.6, 37.19N: 31.04E, h7km, ML3.5 HLW 21 16:25:59.0, 36.86N: 31.01E, h60km, 42km, ML3.0 ISCBJ 21 16:25:59.3, 0.5, 37.14N: 0.0, 31.05E: 0.0, 3, h113km, 5km, Error ellipse: s-maj=5.0km s-min=3.8km az=1.8

21d 16h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MAW, BVA0, BRVK, etc.

2011 AUG

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like FINES, CRVS, STHS, etc.

1076

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like P43A, R40A, S39A, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Faith Ranch, Y39A Locksburg, 534A Blanco, etc.

KRSC 21 16:57:43.6:0.7, 52.68N:158.53E, h120km, 5km, ML3.7
ISCJB 21 16:57:44.5:0.4, 52.69N:158.04:158.47E:0.09,
h121km, 3km, mb3.2/4, Error ellipse: s-maj=10.0km
s-min=4.6km az=36.5

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like RUS Russkaya, KRMR Karymshinskiy, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KRX Arik, APC Apache, MYM Mys Shipunski, etc.

JMA 21 17:32:46.5:0.1, 35.99N:140.23E, h40km, 1km, M3.0,
Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like JYT Yasato, JHT Hitachi, JAG Ashikaga, etc.

ISCJB 21 17:34:43.4:0.6, 18.10S:167.93E:0.10, h32km,
mb4.2/3, MS3.5/2, Error ellipse: s-maj=13.5km
s-min=7.5km az=171.3

ISC 21 17:34:49.8:4.2, 18.07S:168.04E, h75km, 36km, mb3.9/14,
mb1.4/15, mb1mx4.0/29, mbtmp4.3/15, ML5.1/1, MS3.4/15,
Ms1.3/4.15, ms1mx3.3/29, Error ellipse: s-maj=23.7km
s-min=15.7km az=87.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like DZM Mont Dzumac, HNR Honiara, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TXAR Lajitas Array, ARCES ARCES Array B, FINES FINESS Array B, etc.

ISC 21 17:40:08.9:2.1, 31.61S:177.91W, h0km, mb4.0/5,
mb1.4/16, mb1mx3.8/28, mbtmp4.0/6, ML4.7/1, MS3.2/2,
Ms1.3/2.2, ms1mx2.8/25, Error ellipse: s-maj=52.6km
s-min=24.5km az=127.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like RAO Raoul Island, DZM Mont Dzumac, CTA Charters Tower, etc.

ISC 21 17:43:32.9:0.6, 14.96N:94.33E, h0km, mb4.2/14,
mb1.4/3/15, mb1mx4.0/45, mbtmp4.2/15, ML4.7/1, MS3.1/2,
Ms1.3/2.2, ms1mx2.8/28, Error ellipse: s-maj=22.5km
s-min=14.4km az=50.0

ISCJB 21 17:43:36.3:0.5, 15.06N:0.05:94.36E:0.03, h33km,
mb4.2/17, MS3.2/1, Error ellipse: s-maj=7.8km
s-min=4.7km az=6.5

BKK 21 17:43:37.7:4.0, 15.1N:119.4E:3.4, h0km, M4.3/9,
mb4.8/7, mb4.4/9, MLV4.4/8, MW(MB)4.1/7

NEIC 21 17:43:38.0:0.4, 15.04N:94.31E, h35km, mb4.2/3, Error
ellipse: s-maj=10.5km s-min=9.2km az=223.0

ISC 21 17:43:38.4:0.6, 15.07N:0.07:94.32E:0.07, h35km, n44,
o599/48, mb4.2/17, Near south coast of Myanmar

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like UMPA Umpang Tak, SMRT SRIT, CRD Chiang Mai Arr, etc.

21d 20h

Table with columns for station name, frequency, and other parameters. Includes stations like Saint Agoulin, Lubilhac, Oberstdorf, La Moure, etc.

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Table with columns for station name, frequency, and other parameters. Includes stations like GEC2, GEC3, GEC4, GREGS Array S, etc.

1080

Table with columns for station name, frequency, and other parameters. Includes stations like H11S3 WAKE ISLAND, H11S2 WAKE ISLAND, TLY, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like KWP, BZS, SIRR, SUW, CRVS, STHS, STHS, FIA1, FIAO, FIAF, FINE, KECS, PDG, NIE, PSZ, OJC, LAN, VYHS, YVHS, OKC, MORC, AREO, KRLC, KRC, KOGS, VRRZ, DPC, KSP, CONA, UPIC, ARSA, BOJS, PERS, SOKA, VISS, LBU, LJK, PRU, PVCC, MOA, PRA, MYKA, BRG, GEAO, GECS, GERES, KHC, KNC, WATA, MOTA, RETA, FETA, NB2, NB200, NOA, FUORN, DAVA, KEST, BFO, SENIN, BNI, MEM.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like SNF, TOR, TOA1, ES19, ESCD, CAST, MDM, ILLAR, ILB, KDAK, DBOA, F10A, ULM, LHD, LAIO, FXWY, PD31, PDAR, DUG, R11A, TJR, O20A, U15A, ANZO, ANMX, NNTX, LTX, TXAR, TXAR, JCT, LNIG, ZAIG.

WEL 21 21:14:13.5±0.1, 37.83S±176.64E, h5km, ML3.8/50, Mw4.0, 17C-5D, Error ellipse: s-maj=0.6km s-min=0.6km az=0.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like OHinepanea, Manawahe, Lichensteins R, Whale Island, Edgcombe, Tauranga, Makatiti, Oman, Kaharoa, Mount Tarawera, Highlands Stat, Utuhina, Republicaon Roa, White Island, Kaimai, Urewera, Handcock Road, Murupara, Galatos Road, Plateau Road, Allen Road, Ruatahunu, Rangumara Rang, Matawau, Rawiri, Tahuroa Road, Te Kaha, Kaahu Road, Tolley Road, Matea Rd, Shannon Statio, Te Karaka, Pakihiroa, Rangitukua, Rimuhau, Naumai, Puketiti, Kuaotunu, Waihua, Black Stump Fm.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like MZX, MXZ, MKAZ, MUMAKAI, CNGZ, Waiomatatini S, Kokohu, Aropoanui, Paritu Road, Haiti, Karaka Road Bo, Waiheke Island, Kaweka Forest, McNeill Hill, East Tamaki Re, Mahia Peninsula, Whangaeahu Hut, Moahano, Maohango, Motutapu, Awhitu Peninsula, Kereru, Great Barrier, Waiatarua, Waia Bay, Kahuranaki, Pukenui.

IDC 21 21:23:37.7±44.0, 25.55S-178.30E, h650km, 394km, mb2.3/2, mb1.2.5/2, mb1mx2.4/24, mbtm3.4/2, Error ellipse: s-maj=412.2km s-min=103.0km az=112.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Alice Springs, Warramunga Arr, Malin Array B, Keskin Arr B, Degeres, Osenpowka, Chumysh, Tokmak, Murupara, Galatos Road, Plateau Road, Allen Road, Ruatahunu, Rangumara Rang, Matawau, Rawiri, Tahuroa Road, Te Kaha, Kaahu Road, Tolley Road, Matea Rd, Shannon Statio, Te Karaka, Pakihiroa, Rangitukua, Rimuhau, Naumai, Puketiti, Kuaotunu, Waihua, Black Stump Fm.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include AML Almayashu, ARLS Aral, ANVS Anan'yeyo, ARXS Artharly, KDJ Kajisay, MNAS Manas, ARSB Arslanbob, KK31 Karatay Array, KK31 Karatay Array.

TIF 21 21:29:17.3, 42°36'N-43°05'E, h0km
CSEM 21 21:29:19.4, 0.2, 42°35'N-43°06'E, h2km, ML2.5, Error
ellipse: s-maj=5.5km s-min=4.4km az=32.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include ONI Oni, CHVG Ch'k'valeri, AKH Akhalkakali, GUDG Gudauri, BGD Bogdanovka, TBLG Delisi, SEAG Tbilisi Sea, KARS Kars, SENK Senkaya-Erzuru, EZM Erzurum.

NIED 21 21:39:00.36:80N:140:60E, h5km, Mw4.1 Best double
couple: Mo1.84000x10^15 Np1.3e347,00000°, 0.18,00000°,
λ-113.00000°. NP2.0e191,00000°, 0.73,00000°,
λ-83.00000°.

IDC 21 21:39:49.2, 0.5, 36°80'N:140:53E, h0km, mb4.1/21.
mb1.4, 2/25, mb1mx1.1/55, mbtmp4.1/25, ML3.1/2, MS3.0/1,
Ms3.0/1, ms1mx2.4/29, Error ellipse: s-maj=16.6km
s-min=12.1km az=106.0

ISCJB 21 21:39:50.5, 0.5, 36°84'N:140:58E:0.03, h12km, 3km,
mb4.5/64, MS4.1/1, Error ellipse: s-maj=4.4km
s-min=3.1km az=39.7

JMA 21 21:39:50.9, 36°85'N:140:57E, h7km, 1km, M4.3
Broadband fault plane solution: P waves. NP1:
0.199,00000°, 0.64,00000°, λ-82,00000°. NP2.0e1,00000°,
0.28,00000°, λ-107,00000°. Principal axes: T P1g18.0000°,
Azg283.00000°, N P1g8.00000°, Azm15.00000°; P
P1g70.00000°, Azm127.00000°.

JMA Felt II J1
MOS 21 21:39:53.4:1.5, 36°90'N:140:49E, h34km, mb4.5/34 Error
ellipse: s-maj=9.5km s-min=6.7km az=87.1

NEIC 21 21:39:54.3:2.1, 36°86'N:140:43E, h26km, 15m, mb4.6/36,
Error ellipse: s-maj=8.3km s-min=6.3km az=129.0

NEIC Recorded [2 JMA] in Fukushima, Ibaraki and Tochigi.
BUJ 21 21:39:57.4, 36°59'N:140:15E, h57km, mb4.5/17, mB4.8/13,
Ms4.5/6, Ms7.4/4.4

ISC 21 21:39:51.7:0.9, 36°84'N:140:53E:0.03, h12km, 5km,
n162, 0.1963/178, mb4.5/65, 17C, Near east coast of
eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include JHO Hitachi, ONAJ Iwakimizuishiy, JSB Shiba, JFT Yasato, JFY Otama, JFY Yanaizu, JAG Ashikaga, MJAR Matsushiro Arr, MJAR Matsushiro, MAJO Matsushiro, MAT Matsushiro, MAT Matsushiro, MJB Matsu-Tunnel, INU Inuyama, INU Hachijo jima 2, JHU Mitsune, JHU Mitsune, ERM Erimo, ERM Erimo, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include ASAJ Nakatsue, USRK Ussuriysk Ar., KSRs Korea Array, KS01 Wonju Array Si, KS15 Wonju Array Si, CN2 Chanchung, KLR Kul'dur, KLR Tyumovskoe, JOW Kunigami, JOW Beijing, BJI Beijing, PETK Petropavlovsk, PE1A Petropavlovsk, PET Petropavlovsk, PET Petropavlovsk, HHC Hu-ho-hao-te, HHC, HHC, HHC, MA2 Magadan, SONA1 Songino Array, SONA2 Songino Array, SONM Songino Array, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, PATS Pohnppei, MANU Manu Island, WMQ Urumqi, WMQ, WMQ, WMQ, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, ZAA0 Zalesovo Array, ZAA1 Zalesovo Array, ZALV Zalesovo Beam, ZALV, MK01 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MAKZ Makanchi, MAKZ Makanchi, KURK Kurchatov, KURK Kurchatov, SVW2 Sparrethov, KDKA Kodiak Island, KDKA Kodiak Island, MCK McKinley, MCK McKinley, MDM Murphy Dome, KSH Kashi, KSH Kashi, KSH Kashi, AAK Ala-Archa, ILAR Eielson Array, ILB Eielson Array, BRVK Borovoye, KKAR Karatay Array, KKAR Karatay Array, SVE Sverdlovsk, SVE Sverdlovsk, INK Inuvik, INK Inuvik, INK Inuvik, ARU Arti, ARU Arti, ARU Arti, ARU Arti, ARU Arti, ARU Arti, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WB2 Warramunga Arr, WB1 Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ABKAR Akbulak array, ASAR Alice Springs, MBWA Marble Bar, GEYT Alibeck, KLMM Klimovskoe, KLMM, KLMM, ARCES ARCES Array B, AREO ARCES Array S, OBN Obninsk, OBN Obninsk, STKA Stephens Creek, STKA Stephens Creek, FIAO FIAO, FIAO FINESS Array B, FIAO FINESS Array B, FINES FINESS Array B, VSU Vasula, VSU Vasula, KBZ Khabaz, KIV Kislovodsk, KIV Kislovodsk, AKASG Malin Array Be, AKASG Malin Array Si, AKBB Malin Array Si, AKBB Malin Array Si, NB2 NORARS Subarra, NB200 NORARS Array S, NOA NORARS Array B, PAHR Pah Rah Range, CMB Columbia Cole, CMB Columbia Cole, LRM Limekiln Ridge, WAKR Walker, BOZ Bozeman (W), BOZ Bozeman (W), TVH3 East Aurora arr, WASM Alta Sierra Ca, R11A Troy Canyon, C, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring, DUG Dugway, DUG Dugway, DUG Dugway, CHFO Chiles Flat St, PD31 Pinedale Array, PDAR Pinedale Array, BR101 Keskin Array S, BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, NLU North Lily Mine, SHPR Shee Range, CLTC Calectric, DGR Domenigoni Val, LCMT Little Creek Mt, EML El Monte City P, KNB Kanab, KNB Kanab, SRU San Rafael Swe, SRU San Rafael Swe, U15A North Rim, U15A North Rim, CLL Collim, CLL Collim, PV09 Paradox Valley, PV10 Paradox Valley, PV05 Paradox Valley, Y14A Wickenburg, WUAZ Wupatki, PV01 Paradox Valley B, GERES GERESS Array B, TUC Tucson, TUC Tucson, BFO Black Forest, ANMO Albuquerque, ANMO Albuquerque, TX31 Lajitas Ar. Si, LTX Lajitas, LTX Lajitas, TXAR Lajitas Array, MIAR Mount Ida, MIAR Mount Ida, LPAZ La Paz, LPAZ La Paz.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include ABKAR Akbulak array, ASAR Alice Springs, MBWA Marble Bar, GEYT Alibeck, KLMM Klimovskoe, KLMM, KLMM, ARCES ARCES Array B, AREO ARCES Array S, OBN Obninsk, OBN Obninsk, STKA Stephens Creek, STKA Stephens Creek, FIAO FIAO, FIAO FINESS Array B, FIAO FINESS Array B, FINES FINESS Array B, VSU Vasula, VSU Vasula, KBZ Khabaz, KIV Kislovodsk, KIV Kislovodsk, AKASG Malin Array Be, AKASG Malin Array Si, AKBB Malin Array Si, AKBB Malin Array Si, NB2 NORARS Subarra, NB200 NORARS Array S, NOA NORARS Array B, PAHR Pah Rah Range, CMB Columbia Cole, CMB Columbia Cole, LRM Limekiln Ridge, WAKR Walker, BOZ Bozeman (W), BOZ Bozeman (W), TVH3 East Aurora arr, WASM Alta Sierra Ca, R11A Troy Canyon, C, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring, DUG Dugway, DUG Dugway, DUG Dugway, CHFO Chiles Flat St, PD31 Pinedale Array, PDAR Pinedale Array, BR101 Keskin Array S, BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, NLU North Lily Mine, SHPR Shee Range, CLTC Calectric, DGR Domenigoni Val, LCMT Little Creek Mt, EML El Monte City P, KNB Kanab, KNB Kanab, SRU San Rafael Swe, SRU San Rafael Swe, U15A North Rim, U15A North Rim, CLL Collim, CLL Collim, PV09 Paradox Valley, PV10 Paradox Valley, PV05 Paradox Valley, Y14A Wickenburg, WUAZ Wupatki, PV01 Paradox Valley B, GERES GERESS Array B, TUC Tucson, TUC Tucson, BFO Black Forest, ANMO Albuquerque, ANMO Albuquerque, TX31 Lajitas Ar. Si, LTX Lajitas, LTX Lajitas, TXAR Lajitas Array, MIAR Mount Ida, MIAR Mount Ida, LPAZ La Paz, LPAZ La Paz.

IDC 21 21:46:07.6:9.4, 0.56N:123°02E, h0km, mb4.1/3,
mb1.4/24, mb1mx3.6/44, mbtmp4.0/4, ML4.0/1, Error
ellipse: s-maj=159.3km s-min=119.4km az=117.0,
Minahassa Peninsula, Sulawesi

CSEM 21:21:50:33.8, 0.2, 15.259N, 42.34E, h2km, mb4.0/10, Error ellipse: s-maj=11.6km s-min=4.8km az=26.0

VIE 21:21:50:35.2, 15.18N, 41.76E, h0km, mb3.8/5

DHMR 21:21:50:36.3, 2.5, 15.18N, 42.54E, h2km, 103km, ML3.9

ISC 21:21:50:36.1, 0.6, 15.33N, 0.05, 42.44E, 0.05, h10km, n53, o185/59, mb3.9/18, 5C-4D, Western Arabian Peninsula

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

NIED 21:22:05:00, 37.10N, 141.20E, h53km, Mw4.6 Best double couple: M0=15000x10^15 NP1=208.00000, 8.18, 0.00000, 7.94, 0.00000

Main table listing seismic events with columns: JAG, JKT, MJAR, etc. Includes station names, times, and magnitudes.

Main table listing seismic events with columns: CM31, CM31, CMAR, etc. Includes station names, times, and magnitudes.

Table with columns: KBL, Kabul, 57.19 291 eP, P, 22 15 26.4 +0.3. Includes stations like KBL, KABUL, AS01 Alice Springs, ASAR Alice Springs, etc.

Table with columns: NIE Niedzica, 79.22 325 eP, P, 22 17 44.6 +1.1. Includes stations like NIE, VOIR, LANS, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, ISC, Time, Res, ISC. Includes stations like Severo-Kuril's, Apacha, Chosi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AF1 Afiamalu, AF1 Afiama, AF1 Rarotonga, etc.

Table with columns: KHC, Kasperke Hory, 145.57 352, ePKP, PKPab, 23 11 03.6 +0.7. Includes stations like BR101 Keskin Array S, BR102 Keskin Array B, etc.

Table with columns: NEIC 21 23:28:49.1, 3.0, 18.125, 168.16E, h24km, 21km, mb4.8/15. Includes stations like DZM Mont Dzumac, DZM Haniara, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, Time, Res, ISC. Includes stations like HNTI Hanita, BLGI Bet Lehem HaGe, OFRI Ofer, etc.

Table with columns: JOB, Onbets, JNBK, Urakawa-nobuka, JEM, Erimo, ERM, Erimo, etc.

Table with columns: NKL, comp=Z,500nm,7.0s, pmax, pmax, NKL, comp=N,30nm,1.0s, pmax, pmax, etc.

NIED 21 23:49:00.33°10N,140°70E,h77km,Mw3.6 Best double couple: M2.69000x-1.014, NP1.8x3.00000°, S23.00000°, 1.140.00000°, NP2.2x2.14.00000°, S70.00000°, 1.64.00000°.

JMA 21 23:49:47.1±0.1,33°06N,140°68E,h64km,4km,M3.5 IDC 21 23:49:48.9±2.4,32°18N,140°18E,h74km,11km,mb3.3/3, mb1.3/6,mb1mx3.1/5,mbtmp3.6/4,Error ellipse: s-maj=76.9km s-min=24.2km az=71.0

ISCJB 21 23:49:45.4±0.8,32°97N,0°05,140°72E,0.07,h65km, mb3.8/3,Error ellipse: s-maj=9.0km s-min=7.4km az=171.9

ISC 21 23:49:46.5±1.3,32°98N,0°07,140°71E,0.09,h65km,n23, a=578/24,mb3.8/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, Time, Res, ISC. Includes stations like JHU2 Mitsune, JHU3 Hachiojimakas, JHCJ Hachiojima 2, etc.

Table with columns: YUK, comp=N,149nm,0.1s, pmax, pmax, YUK, comp=N,7jm,0.4s, smax, smax, YUK, comp=E,6jm,0.4s, smax, smax, etc.

Table with columns: KRSR, Korea Array, 12.88 251, Pn, 00 10 11.6 +2.2, KRSR, comp=Z,0.4nm,0.3s,baz=63,slow=12,SNR=15, LR, 00 14 42.9, etc.

IDC 20:02:38.5±2.0,15°31N,145°94E,h144km,16km,mb3.6/4, mb1.3/8,mb1mx3.3/6,mbtmp4.0/5,MS2.1/1,MS1.2/1/1, ms1mx2.0/29,Error ellipse: s-maj=47.5km s-min=18.4km az=103.0,Mariana Islands

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

Table with columns: UGL, comp=Z,11nm,0.8s, MLR, MLR, UGL, comp=Z,800nm,12.0s, MLR, MLR, UGL, comp=N,1jm,14.0s, MLR, MLR, etc.

Table with columns: YAK, Yakutsk, 20.99 342, LR, 00 20 03.7, YAK, comp=Z,777nm,18.2s,baz=155,slow=37, LR, 00 15 59.6 +7.8, etc.

NIED 22 00:07:00.42°70N,143°30E,h20km,Mw4.6 Best double couple: M8.81000x1.015, NP1.2x22.00000°, S74.00000°, 1.179.00000°, NP2.2x136.00000°, S89.00000°, 1.6.00000°.

BUI 22 00:07:04.6,42°51N,143°67E,h25km,mb4.6/51,mb4.9/34, Ms4.3/37,Ms7.4/0/34

IDC 22 00:07:07.5±2.5,42°69N,143°30E,h23km,15km,mb4.1/24, mb1.4/3/31,mb1mx4.2/47,mbtmp4.3/31,ML3.5/4,MS3.6/25, MS1.3/6/25,ms1mx3.5/44,Error ellipse: s-maj=14.8km s-min=10.4km az=115.0

ISCJB 22 00:07:07.4±3.2,42°69N,0°02,143°28E,0.03,h33km,2km, mb4.5/106,MS3.9/28,Error ellipse: s-maj=3.8km s-min=2.7km az=144.3

SKHL 22 00:07:07.7±1.1,42°73N,143°18E,h38km,1km,mb5.5/3, Ms4.3/3,ms4.5/6/1

MOS 22 00:07:08.0±0.9,42°67N,143°30E,h39km,mb4.8/46,Error ellipse: s-maj=7.5km s-min=5.1km az=89.1

NEIC 22 00:07:08.3±0.7,42°69N,143°28E,h27km,5km,mb4.7/53, Error ellipse: s-maj=4.3km s-min=2.8km az=141.0

NEIC Felt [III] at Obihiro. Recorded [4 JMA] in southeastern Hokkaido.

JMA 22 00:07:08.2±0.5,42°67N,143°27E,h25km,1km,M4.7 Broadband fault plane solution: P waves. N1: p=226.00000°, S78.00000°, 1.160.00000°. NP2: p=30.00000°, S70.00000°, 1.13.00000°. Principal axes: T Plg23.00000°, Azm182.00000°, P Plg66.00000°, Azm16.00000°, P Plg5.00000°, Azm274.00000°.

JMA Felt IV J1. ISC 22 00:07:08.2±0.5,42°69N,0°03,143°30E,0.03,h27km,3km, n309, s1949/322,mb4.5/106,MS3.9/29,31C-15D, Hokkaido region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, Time, Res, ISC. Includes stations like JCH Churui, JCH Moyori, MYR, etc.

Table with columns: USRK, Ussuriysk Arr, 8.37 284, Pn, 00 09 08.2 +0.6, USRK, comp=Z,0.2nm,0.3s,baz=103,slow=16,SNR=2.9, LR, 00 12 19.4, etc.

Table with columns: ZAK, Zakamensk, 28.30 300, eP, 00 13 12.1 +1.3, GUMO Guam, 29.03 177, LR, 00 23 33.9, H112 WAKE ISLAND Hy 30.33 132, T, 00 44 43.6, etc.

22d Oh

Table with columns: Call Sign, Frequency, Mode, Power, and other parameters. Includes stations like Gaotai, GTA, CD2, QIZ, KMI, etc.

2011 AUG

Table with columns: Call Sign, Frequency, Mode, Power, and other parameters. Includes stations like PKI, PHN, DMN, GKN, AAK, etc.

1090

Table with columns: Call Sign, Frequency, Mode, Power, and other parameters. Includes stations like NOA, YERR, BOZ, BOZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include H11S3 WAKE ISLAND Hy 28.98 121 T, H11S2 WAKE ISLAND Hy 29.00 121 T, ZALV Zalesko Hy 29.04 313 P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby 22.00 291 eP, BKZ Black Stump Fm 22.03 162 eP, MTSU Mount Surprise 22.40 267 P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MAW Mawson 78.76 202 eP, LZH Lanzhou 81.21 313 eP, LYH comp=Z,2.11nm,1.0s pmax, etc.

IDC 22:02:27:16.6:1.9,26:35:177.20W,h0km,mb4.1/3, mb1.4/3,mb1mx3.6/30,mbtmp4.1/3,MS3.7/4,MS1.3.6/4, ms1mx3.1/27, Error ellipse: s-maj=67.2km s-min=20.1km az=130.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RAO Raoul Island 0.89 225 Pn, RAO Raoul Island 0.89 225 Pn, DZM Mont Dzumac 16.16 290 LR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby 22.00 291 eP, BKZ Black Stump Fm 22.03 162 eP, MTSU Mount Surprise 22.40 267 P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MAW Mawson 78.76 202 eP, LZH Lanzhou 81.21 313 eP, LYH comp=Z,2.11nm,1.0s pmax, etc.

IDC 22:02:27:46.2:1.9,4:02S:143:35E,h0km,mb3.5/2, mb1.4/0.3,mb1mx3.6/30,mbtmp3.7/3,ML4.1/1, Error ellipse: s-maj=48.1km s-min=30.1km az=104.0, New Guinea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JAY Jayapura 3.03 299 Pn, JAY Jayapura 3.03 299 Pn, WRA Warramunga Arr 18.10 208 P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby 22.00 291 eP, BKZ Black Stump Fm 22.03 162 eP, MTSU Mount Surprise 22.40 267 P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MAW Mawson 78.76 202 eP, LZH Lanzhou 81.21 313 eP, LYH comp=Z,2.11nm,1.0s pmax, etc.

IDC 22:02:52:20.0:5.0,18:23S:016:167:72E,01.06,h10km, mb4/8/35,MS4/0/22, Error ellipse: s-maj=9.3km s-min=6.9km az=35.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac 3.94 200 Pn, DZM Mont Dzumac 3.94 200 Pn, DZM Mont Dzumac 3.94 200 ePn, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby 22.00 291 eP, BKZ Black Stump Fm 22.03 162 eP, MTSU Mount Surprise 22.40 267 P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MAW Mawson 78.76 202 eP, LZH Lanzhou 81.21 313 eP, LYH comp=Z,2.11nm,1.0s pmax, etc.

IDC 22:03:22:12.9:0.8,18:27N:168:06E,h0km,mb3.8/3, mb1.4/0.4,mb1mx3.7/25,mbtmp3.8/4,ML3.4/1, Error ellipse: s-maj=65.7km s-min=26.8km az=117.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac 3.93 202 Pn, DZM Mont Dzumac 3.93 202 Pn, etc.

CASC 22:03:22:12.9:0.8,18:27N:168:06E,h12km,6km,MD3.7, ML3.2,1C, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CNGN Cerro Negro 1.27 701 eP, CNGN Cerro Negro 1.27 701 eP, etc.

IDC 22:03:22:12.9:0.8,18:27N:168:06E,h0km,mb3.8/3, mb1.4/0.4,mb1mx3.7/25,mbtmp3.8/4,ML3.4/1, Error ellipse: s-maj=65.7km s-min=26.8km az=117.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac 3.93 202 Pn, DZM Mont Dzumac 3.93 202 Pn, etc.

22d 4h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COPN Copaltepe, MOMM Momotombo, XAVN Gruta Xavier, etc.

comp=N,728nm,0.4s
ESTN Estel 1.83 56 eP Pn 03 22 43.5 -0.8
LFRS El Faro 1.90 324 eS Ss 03 22 45.0 -0.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MRSI Marisa, PCI Palu, GTOI Gorontalo, etc.

IDC 22 04:13:10.8:5.3, 1.72N:120.49E, h0km, mb4.3/5,
mb1 4.5/5, mb1mx3.8/56, mbtmp4.4/5, MS3.1/1, M51 3.1/1,
ms1mx2.4/46, Error ellipse: s-maj=141.9km s-min=83.3km
az=45.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warrungga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

NIED 22 04:16:00, 23:90N:122:30E, h14km, Mw3.9 Best double
couple: M7.92000x1014 N1.307:0.0000, 326.00000,
1.162:0.00000, NP2.363:0.00000, 332.00000, 1.652:0.00000

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HWA Hwalien, NACB Ninganchiao, ENA Nanau, etc.

2011 AUG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TAP Taipei, IRIF Iriomote-Funau, YUS Yu-Shan, etc.

baz=266
TAP Taipei 1.31 325 eP Pg 04 17 04.6 +0.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWS1 Kuangyinsshan, ELDTW Lidau, NCU National Center, etc.

baz=251
TWY Chenhua 1.47 333 eP Pg 04 17 06.7 -0.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JKRK Kuro-shima, JKRJ Kuro-shima, TWG Pinglang, etc.

baz=224
TWG Pinglang 1.61 226 ePn Pn 04 17 06.3 -0.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHN4, JJJ Ishigaki jima, WTP Ta-pu, etc.

1094

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

baz=253
PNG Penghu 2.57 262 eS Pn 04 17 21.3 +1.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURS Korea Array, MJAR Matsushiro Arr, SONM Songino Array, etc.

comp=2.50nm,19.7fs,baz=170,slow=40
MJAR Matsushiro Arr 18.56 44 LR LR 04 27 23.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JFK Kawauchi, JFW Iwakimizuishiy, JMM Marumori, etc.

baz=277
JFK Kawauchi 0.38 274 P S Pn 04 21 22.8 -0.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CASM Ain Smara, CKFL Ket-Lekhel, CTEI Djebel Teioual, etc.

2011 AUG 1094

1.0nm,0.6s,baz=5.4,slow=9.3,SNR=17
NOA NORSAR Array B 24.98 5 P
0.4nm,0.7s,baz=199,slow=8.0,SNR=2.5

JMA 22 04:45:50.51.0.2 231.93N,122.22E,h9km,M2.4
ISCJB 22 04:45:51.1.0.5 231.95N,122.32E,0.02,h21km,5km,
Error ellipse: s-maj=5.0km s-min=2.9km az=161.9
TAP 22 04:45:51.3 23.96N,122.29E,h23km,1km,ML2.9,D
ISC 22 04:45:50.71.2,23.95N,122.32E,0.02,h18km,9km,
m29,c069/53,Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWD Chiawan, ENA Nanau, JYNG Yonagunijimaku, etc.

NIED 22 05:02:00.38.90N,142.00E,h50km,Mw3.6 Best double
couple: M3.24000x1014 NP1.86.00000,825.00000,
1.70.00000. NP2.82.00000,867.00000,1.99.00000.
JMA 22 05:02:58.0.1.38.90N,141.96E,h50km,ML3.6,
Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, JMK Ichinoseki, etc.

NIED 22 05:03:00.38.00N,143.40E,h11km,Mw3.7 Best double
couple: M3.57000x1014 NP1.54.00000,829.00000,
1.0.00000. NP2.144.00000,890.00000,1.19.00000.
JMA 22 05:03:52.4.0.3,38.04N,143.40E,h32km,ML3.6,Off east coast of Honshu

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

MEX 22 05:13:07.8.0.4,17.32N,101.35W,h9km,7km,MD3.8,
Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZIIG Zihuatanejo, CAIG El Cayaco, etc.

ISCJB 22 05:33:46.9.0.7,74.34N,0.04,9.5E,0.2,h10km,mb3.3/1,
MS2.9/2, Error ellipse: s-maj=7.9km s-min=5.6km
az=174.5
CSEM 22 05:33:49.0.0.2,74.31N,9.08E,h10km,ML2.3,Error
ellipse: s-maj=7.4km s-min=5.8km az=95.0
IDC 22 05:33:51.9.2.3,74.35N,10.25E,h0km,mb3.4/1,
mb1 3.8/4,mb1mx3.4/39,mbtmp3.7/4,ML3.4/3,MS2.7/6,
Ms1 2.7/6,ms1mx2.5/43,Error ellipse: s-maj=50.7km
s-min=13.2km az=71.0
BER 22 05:33:51.5.3.5,74.33N,9.24E,h10km,ML2.3,
ML3.8(N/AO)
NAO 22 05:33:51.2.2.4,74.36N,10.12E,ML3.8
ISC 22 05:33:50.4.1.3,74.37N,10.06,9.9E,0.1,h10km,n35,
r152/41,Greenland Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BJO Bjornoya, HSPB Hornsund, etc.

IDC 22 05:38:17.1.3.7,18.24S,167.75E,h0km,mb4.0/4,
mb1 4.1/5,mb1mx3.8/35,mbtmp3.9/5,ML3.7/1,MS3.5/1,
Ms1 3.5/1,ms1mx2.8/30,Error ellipse: s-maj=77.8km
s-min=32.2km az=98.0,Vanuatu Islands

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

IDC 22 05:44:08.2.1.9,18.24S,167.86E,h0km,mb4.2/6,
mb1 4.4/7,mb1mx3.9/37,mbtmp4.1/7,ML3.7/1,MS3.5/2,
Ms1 3.5/2,ms1mx3.0/26,Error ellipse: s-maj=55.9km
s-min=26.4km az=124.0,Vanuatu Islands

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

Table with columns: FITZ, CMAR, SONM, ILAR. Includes stations like Fitzroy Crossi, Chiang Mai Arr, Sogingo Array, Eielson Array.

NIED 22 05:49:00.36.90N,143.70E,h5km,Mw4.3 Best double
couple: M3.43000x1015 NP1.33.00000,820.00000,
1.100.00000. NP2.82.00000,870.00000,
1.86.00000.
IDC 22 05:49:06.1.0.6,36.74N,144.01E,h0km,mb4.3/16,
mb1 4.5/22,mb1mx4.3/49,mbtmp4.3/22,ML4.0/5,MS2.2/11,
Ms1 3.2/11,ms1mx3.1/51,Error ellipse: s-maj=17.8km
s-min=13.6km az=89.0
ISCJB 22 05:49:07.9.1.3,36.89N,0.03,143.74E,0.04,
h19km,10km,mb4.3/23,MS3.2/6, Error ellipse: s-maj=5.5km
s-min=4.8km az=140.3
NEIC 22 05:49:07.9.0.4,36.84N,143.97E,h10km,mb4.6/4, Error
ellipse: s-maj=82.7km s-min=66km az=101.0
JMA 22 05:49:10.6.0.2,36.93N,143.70E,h57km,M4.3
ISC 22 05:49:10.3.1.0,36.95N,0.05,143.82E,0.06,h24km,6km,
n67,c290/76,mb4.4/23,MS3.3/6,Off east coast of

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFK Kawauchi, ONAJ Iwakimizuishi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMK Marumori, JMM Otama, etc.

22d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like DPC CLL, Kasperske Hory, GERES Array B, etc.

TAP 22 05:54:18.9, 24.08N, 122.33E, h19km, 1km, ML3.0, D
ISCJB 22 05:54:20.1±0.5, 24.05N±0.03, 122.29E±0.02, h15km, 6km,
Error ellipse: s-maj=4.6km s-min=2.7km az=158.8

JMA 22 05:54:20.2±0.2, 24.03N±0.03, 122.28E, h18km, 3km, M2.6
ISC 22 05:54:19.8±1.1, 24.07N±0.03, 122.29E±0.02, h23km, 13km,
n34, r192/60, Taiwan region

Main table of seismic events with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Lists numerous stations and their corresponding event data.

ISCJB 22 05:56:47.2±0.7, 15.02N±0.08, 42.10E±0.07, h10km,
mb5.8/8, MS3.2/4, Error ellipse: s-maj=13.2km
s-min=6.5km az=36.5

CSEM 22 05:56:47.1±0.3, 15.00N±42.12E, h2km, mb4.1, Error
ellipse: s-maj=14.9km s-min=8.8km az=39.0
IDC 22 05:56:47.2±1.2, 14.99N±41.98E, h0km, mb3.8/7,
mb1.4/0.10, mb1mx3.7/45, mbtmp3.9/10, MLJ=2.3, MS3.4/6,
Ms1.3/4.6, ms1mx3.1/51, Error ellipse: s-maj=26.4km
s-min=22.1km az=30.0

NEIC 22 05:56:48.6±0.7, 14.97N±42.06E, h10km, mb4.1/1, Error
ellipse: s-maj=15.2km s-min=11.5km az=49.0
DHMR 22 05:56:48.8±1.6, 15.13N±42.43E, h2km, 103km, ML4.1
ISC 22 05:56:48.9±0.7, 15.10N±0.06, 42.17E±0.07, h10km, n25,
r189/23, mb3.9/8, MS3.2/4, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like HAJJ Hajjah, HAJJ Hajjah, UDYN Al Udayn, etc.

2011 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like DHBB Dhamar BB, DAMY Dhamar, ARTA Tunnel, etc.

ISCJB 22 06:00:20.6±1.5, 31.4S±0.1, 69.4W±0.1, h119km, 13km,
Error ellipse: s-maj=20.6km s-min=8.5km az=139.8
SJA 22 06:00:20.4±0.3, 31.41S±69.54W, h109km, 3km, ML2.9,
MW3.3

GUC 22 06:00:20.9±0.5, 31.35S±69.83W, h137km, 27km, ML2.9
ISC 22 06:00:21.3±2.7, 31.4S±0.1, 69.4W±0.1, h111km, 19km, n10,
r217, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like RTLS Leonicito, RTLS Cerro Calan, etc.

ISCJB 22 06:04:52.8±1.4, 17.40S±0.03, 167.22E±0.02, h11km, 8km,
mb5.4/273, MS5.2/455, Error ellipse: s-maj=4.3km
s-min=3.1km az=165.8

IDC 22 06:04:52.0±1.3, 17.45S±167.30E, h0km, mb5.2/25,
mb1.5/3/27, mb1mx5.3/30, mbtmp5.2/27, ML5.7/2, MS4.8/26,
Ms1.4/8/26, ms1mx4.7/37, Error ellipse: s-maj=14.4km
s-min=12.1km az=92.0

NEIC 22 06:04:53.9±0.1, 17.43S±167.27E, h10km, mb5.4/202,
MS5.2/297, MW5.7, Error ellipse: s-maj=3.6km
s-min=3.0km az=146.0

GCMT 22 06:04:53.9±0.1, 17.36S±167.16E, h13km, MW5.7/133,
Moment Tensor Solution. s125.c239; s133.c382;
Duration: 1s7 Moment tensor: Scale 10^17Nm;
Mn=-3.36±0.4; Mo=0.85±0.3; Mw=4.22±0.3; Mo=0.15±0.7;
Mo=0.96±0.3; Mr=1.01±0.7; Best double couple:
Mo4.0100±10^17 NP1.0±190.000000; s52.000000;
λ-91.000000; NP2.0±11.000000; s38.000000; λ-89.000000;

Principal axes: T 4.5290, Plg7.0000; Azm20.0000; N
-1.0280, Plg1.0000; Azm190.0000; P -3.4920,
Plg83.0000; Azm94.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface/mantle waves,
cutoff=50s.

MOS 22 06:04:56.8±1.1, 17.34S±167.17E, h33km, mb5.6/83,
MS5.2/69 Error ellipse: s-maj=7.1km s-min=6.6km
az=99.0

NEIC 22 06:04:57.0±0.0, 17.07S±167.03E, h11km, Moment
Tensor Solution. s22 Moment tensor: Scale 10^17Nm;
Mn=-3.56; Mo=0.03; Mw=3.59; Ms=1.14; Mo=0.97; Mo=0.81;
Best double couple: Mo4.000000±10^17 NP1.0±176.000000;
s52.000000; λ-114.000000; NP2.0±32.000000; s44.000000;
λ-62.000000; Principal axes: T 3.8700, Plg4.0000;
Azm282.0000; N 0.1700, Plg18.0000; Azm191.0000; P
-4.0400, Plg70.0000; Azm24.0000;

BUI 22 06:04:59.2±1.6, 82S±167.05E, h35km, mb5.4/71, mb5.5/69,
MS5.4/75, MS7.5/072

ISC 22 06:04:57.0±0.4, 17.48S±0.03, 167.16E±0.04, h33km, 11km,
h33km; PP-P, n1295, r144/1144, mb5.5/272, MS5.2/463,
34C-35D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, etc.

1096

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like ARMA Armidale, ARMA Armidale, RMO Roma, etc.

22d 6h

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like SPITS Spitsbergen Ar, HOPEN Hoppen, HELC Santa Helena, etc.

2011 AUG

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like VRH comp=Z,50nm,0.8s, GNI comp=Z,220nm,1.7s, etc.

1102

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like NOA comp=Z,1.6nm,0.9s, NBOU NORSAR Array S, etc.

22d 7h

Table with columns: WRA, Pcp, Pcp, 06 27 51.9 +0.2, etc. Includes entries for Korea Array, USSuriyuk Ar., CMAR Chiang Mai Arr, AKASG Malin Array Be.

ISCJB 22 06:19:00.5:0.4, 6.6°04'N, 0°02':13.47E, h0km, Error ellipse: s-maj=4.3km s-min=3.0km az=163.0

ISC 22 06:19:02.1:1.6, 65°97'N, 13°25'E, h1km, ML1.8, Error ellipse: s-maj=19.2km s-min=9.4km az=116.0

NAO 22 06:19:03.2:1.4, 66°06'N, 13°46E, ML2.5

ISC 22 06:19:01.7:0.9, 66°06'N, 0°03':13.28E, h0km, m60, a151/103, Northern Norway

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Stokkvaagen, Kongsvik, Steigen, Lofoten, etc.

2011 AUG

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like AREO ARCESS Array S, HFS Hagfors, etc.

1104

Main table for station data with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Oritupano, Puerto La Cruz, Belmont, Rio Grande, etc.

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

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

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

MOS 22 09:10.43:3.1, 3.48:10N:155:37E, h5km, mb4.5/2, Error ellipse: s-maj=52.3km s-min=6.6km az=75.4

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

ISCJ 22 09:10.45:2.0, 8.48:22N:155:42E, h10km, mb3.7/7, Error ellipse: s-maj=21.5km s-min=7.8km az=38.1

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

USKR Ussuriysk Arr. 16.68 265 Pn 09 14 41.8 -0.5

H112 WAKE ISLAND HY 29.97 158 T 09 15 46.4 -2.0

H111 WAKE ISLAND HY 29.99 158 T 09 49 38.4

H113 WAKE ISLAND HY 31.10 159 T 09 49 37.6

H112 WAKE ISLAND HY 31.12 159 T 09 50 14.4

DHMR 22 09:14.56:6.1, 15.18N:42:34E, h13km, 15km, ML3.7

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like Y22D IRIS PASSCAL I, BRLLK Bradley Lake, LAZ Lador, E07A Sunnyside, HAWA Hanford, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like DIV Divide, 035Z Hargill, SML Sawmill, SML Sawmill, BMRM Brewer River, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like T25A Trinidad, FLWY Flagg Ranch, 835A Beeville, 533A Kerrville, etc.

NCU	National Centr	1.35 312	eP	Pg	10 40 17.3	+0.4
YUS	Yu-Shan	1.35 245	eP	Pb	10 40 17.2	+0.1
YUS	baz=243		eS	Pg	10 40 33.3	-1.1
IRIF	Iriomote-Funau	1.35 78	P	Pg	10 40 17.2	+0.2
IRIF	IRIF		P	Pg	10 40 35.0	+0.3
TWY	Chenhua	1.36 333	eP	Pg	10 40 18.2	+1.1
HATJ	Hateruma jima	1.39 90	P	Pg	10 40 19.0	+1.2
TWQ1	Liyutan	1.41 282	eP	Pg	10 40 18.1	+0.1
NSY	Sanyi	1.43 285	eP	Pg	10 40 18.4	-0.2
ELDTW	Lidau	1.45 233	eP	Pn	10 40 17.5	-0.5
ALS	Alshan	1.46 248	eP	Pg	10 40 19.2	+0.1
ALS	baz=246		eS	Pb	10 40 37.1	-0.7
CHNS	Tsauling	1.54 253	eP	Pg	10 40 20.6	0.0
CHNS	baz=251		eS	Sb	10 40 39.9	-0.1
PCYT	Pengchalyu	1.57 353	eP	Pn	10 40 19.4	-0.2
JKRS	Kuro-shima	1.59 83	P	Pg	10 40 21.5	0.0
STYT	Tauyuan	1.66 238	eP	Pb	10 40 21.8	-0.3
STYT	baz=236		eS	Sn	10 40 42.8	+0.2
TWG	Pinlang	1.66 222	eP	Pn	10 40 20.5	-0.3
CHN4	Tsashuan	1.70 246	eP	Pb	10 40 23.1	+0.3
CHN4	baz=244		eS	Sb	10 40 44.7	+0.2
JJJ	Ishigaki jima	1.73 80	P	Pn	10 40 22.4	+0.7
JJJ	WTP	1.73 242	eP	Pb	10 40 23.4	0.0
WTP	Hsinying	1.83 245	eP	Pb	10 40 24.8	-0.2
TWK	baz=243		eS	Sb	10 40 48.3	+0.2
CHN1	Nanshi	1.83 242	eP	Pb	10 40 25.6	+0.6
CHN1	baz=240		eS	Sb	10 40 47.6	-0.6
SGST	Jiashian	1.84 238	eP	Pb	10 40 24.6	-0.6
SGST	baz=237		eS	Sb	10 40 47.8	-0.7
JISG	Ishigakijimahi	1.92 74	eS	Pn	10 40 49.6	+0.7
SSD	Sandimien	2.00 229	eP	Pn	10 40 26.4	+0.9
LAY	Lan-yu	2.12 199	eP	Pn	10 40 27.8	+0.6
SCZT	Fangliu	2.27 223	eP	Pb	10 40 31.3	-1.2
JTU	Tarama	2.28 75	P	Pb	10 40 31.2	-1.5

ISC 22 10:40:12.9:60.0, 15:82S-174:85W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.6/35, mbtmp3.9/3, Error ellipse: s-maj=1147.0km s-min=183.6km az=78.0, Tonga Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
STKA	Stephens Creek	42.62	240	P	10 48 11.1	-0.1
WRA	Warramunga Arr	48.39	257	P	10 48 55.6	-1.5
ASAR	Alice Springs	48.66	252	P	10 48 60.0	+0.8

ISC 22 10:48:11.5:4.4, 32:20N-142:85E, h0km, mb3.5/2, mb1 3.7/4, mb1mx3.4/49, mbtmp3.5/4, ML3.3/2, Error ellipse: s-maj=118.4km s-min=27.2km az=57.0, ISCJB 22 10:48:15.9:0.9, 32:26N-105:142:65E-0:1, h44km, mb3.6/2, Error ellipse: s-maj=10.2km s-min=6.1km az=150.3

JMA 22 10:48:16.0:0.2, 32:28N-142:69E, h57km, M3.6, ISC 22 10:48:17.6:1.6, 32:22N-108:142:65E-0:1, h44km, n18, c056/33, Southeast of Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
JHU2	Mitsune	2.53	291	P	10 48 56.4	+0.2
JHU2	Hachijojimaks	2.53	290	P	10 48 56.0	+0.2
JHCJ	Hachijojimaks	2.53	290	P	10 48 56.0	+0.2
JHU	Hachiojima 2	2.56	291	Pn	10 48 56.5	-0.1
JHU	7.3nm, 0.3s, baz=342, slow=22, SNR=19			Sn	10 49 24.6	-1.9
BSO1	Boso 1	3.12	326	P	10 48 59.1	-0.2
BSO1	Boso 1	3.12	326	P	10 49 32.1	+0.7
BSO3	Boso 3	3.12	326	P	10 49 03.8	-0.3
BSO3	Boso 3	3.12	326	P	10 49 40.4	+0.4
TATJ	Tateyama 2	3.62	322	P	10 49 11.5	+0.4
TATJ	Oshima 3	3.65	314	P	10 49 52.4	-0.1
JIM2	Oshima 3	3.65	314	P	10 49 11.1	-0.5
JOD2	Odawara 2	4.23	317	P	10 49 52.8	-0.7
JOD2	Odawara 2	4.23	317	P	10 49 19.5	-0.1
JYT	Yasato	4.48	334	P	10 50 07.9	+0.2
JYT	Hanno	4.56	323	P	10 49 23.2	+0.3
JHU	Hanno	4.56	323	P	10 50 13.2	-0.5
JHU	Hanno	4.56	323	P	10 49 24.1	0.0
JHO	Hitachi	4.70	339	P	10 50 16.5	+0.6
JYN	Shimob	4.71	315	P	10 49 24.5	-1.5
JYN	Ryogami san	4.89	322	P	10 49 27.3	+1.1
JRY	Ryogami san	4.89	322	P	10 50 19.9	+0.2
JRY	Ryogami san	4.89	322	P	10 49 29.0	+0.4
JAG	Ashikaga	4.95	329	P	10 50 24.2	+0.3
JAG	Ashikaga	4.95	329	P	10 50 25.4	+0.1
JNG	Nsakai	5.61	319	P	10 49 39.2	+0.7
JNG	Nsakai	5.61	319	P	10 50 42.1	+0.4
MJAR	Matsushiro Arr	5.65	321	Pn	10 49 38.1	-0.9
MJAR	1.5nm, 0.3s, baz=143, slow=11, SNR=12			Sn	10 50 41.7	-0.9
WRA	Warramunga Arr	52.47	190	P	10 57 26.6	+0.5
ASAR	Alice Springs	56.19	190	P	10 57 53.0	-0.2

WEL 22 11:09:08.3:0.1, 43:30S-172:08E, h9km, 1km, ML3.5/15, SC-2D, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0, South Island

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
OXZ	Oxford	0.27	354	PG	11 09 13.3	-0.4
OXZ	Oxford	0.27	354	PG	11 09 17.0	-0.4
OXZ	Oxford	0.27	354	PG	11 09 17.4	-0.4
OXZ	Oxford	0.27	354	PG	11 09 17.4	-0.4
CRZL	Canterbury Las	0.40	87	P	11 09 17.5	-0.4
CRZL	Canterbury Las	0.40	87	P	11 09 16.6	+0.5
CRZL	Canterbury Las	0.40	87	P	11 09 21.7	+0.3
MOZ	McQueen's Vall	0.43	105	P	11 09 23.0	-0.1
MOZ	McQueen's Vall	0.43	105	P	11 09 17.0	-0.3
MOZ	McQueen's Vall	0.43	105	P	11 09 21.7	+0.6
MOZ	McQueen's Vall	0.43	105	P	11 09 23.9	-0.1
RQZ	Rata Peaks	0.75	260	P	11 09 22.4	-0.4
RQZ	Rata Peaks	0.75	260	P	11 09 34.2	-0.1
RQZ	Rata Peaks	0.75	260	P	11 09 34.9	-0.1
LTZ	Lake Taylor	0.82	10	P	11 09 24.1	-0.1
LTZ	Lake Taylor	0.82	10	P	11 09 35.5	-0.1
INZ	Inchbonnie	0.99	332	P	11 09 26.6	-0.7
WVZ	Waitaha Valley	1.11	298	P	11 09 28.9	-0.7
WVZ	Waitaha Valley	1.11	298	P	11 09 45.4	-0.1
WVZ	Waitaha Valley	1.11	298	P	11 09 45.4	-0.1
LBZ	Lake Benmore	1.58	239	P	11 09 35.2	-1.2
LBZ	Lake Benmore	1.58	239	P	11 09 06.1	-0.1
LBZ	Lake Benmore	1.58	239	P	11 09 09.0	-0.1
KHZ	Kahutara	1.59	43	P	11 09 34.8	-1.8
FOZ	Fox Glacier	1.65	271	P	11 09 37.3	0.0

FOZ	Old Harbor	1.78	215	Pn	11 07 07.0	0.0
FOZ	Old Harbor	1.78	215	Pn	11 07 10.0	0.0
FOZ	Old Harbor	1.78	215	Pn	11 07 12.0	0.0
ODZ	Otahua Downs	1.78	215	Pn	11 07 37.5	-1.7
ODZ	Otahua Downs	1.78	215	Pn	11 07 04.8	0.0
ODZ	Otahua Downs	1.78	215	Pn	11 07 04.9	0.0
ODZ	Otahua Downs	1.78	215	Pn	11 07 06.2	0.0
ODZ	Otahua Downs	1.78	215	Pn	11 07 06.4	0.0
DSZ	Denniston Nort	1.86	354	Pn	11 09 40.1	-0.2
DSZ	Denniston Nort	1.86	354	Pn	11 07 08.4	0.0
DSZ	Denniston Nort	1.86	354	Pn	11 07 09.9	0.0
THZ	Tophouse	1.93	19	Pn	11 07 18.4	-1.9
THZ	Tophouse	1.93	19	Pn	11 07 18.8	0.0
THZ	Tophouse	1.93	19	Pn	11 07 20.5	0.0
JCZ	Jackson Bay	2.43	258	Pn	11 07 42.7	-1.1
JCZ	Jackson Bay	2.43	258	Pn	11 07 34.3	0.0
WAKA	Wanaka	2.52	240	Pn	11 09 48.1	-1.4
NNZ	Nelson	2.56	230	Pn	11 09 49.0	-1.0
TUWZ	Tuarua	2.57	33	Pn	11 09 48.8	-1.2
EAZ	Eumaleugh	2.57	230	Pn	11 09 48.4	-1.7
TUZ	Tuapeka	2.93	216	Pn	11 07 37.4	0.0
TUZ	Tuapeka	2.93	216	Pn	11 09 53.5	-1.6
TUZ	Tuapeka	2.93	216	Pn	11 07 46.1	0.0
TUZ	Tuapeka	2.93	216	Pn	11 07 47.1	0.0
MSZ	Milford Sound	3.18	249	Pn	11 07 10.8	0.0
CAN	Cannon Point	3.33	43	Pn	11 09 58.4	-2.1
CHW	Wether Hill Ro	3.73	231	Pn	11 07 03.4	-2.6
MRZ	Mangatainoka R	3.92	43	Pn	11 07 06.3	-2.4

ISK 22 11:09:17.7, 37:79N-26:73E, h5km, ML2.0, ISCJB 22 11:09:18.4, 0.8, 37:79N-26:74E, h0.9km, 8km, Error ellipse: s-maj=12.7km s-min=4.3km az=151.5, CSEM 22 11:09:18.6, 0.3, 37:79N-26:74E, h10km, ML2.0, Error ellipse: s-maj=9.2km s-min=3.5km az=61.0, DDA 22 11:09:18.9, 37:81N-26:77E, h7km, Md2.6, ISC 22 11:09:18.7, 1.1, 37:80N-26:75E, h15km, 11km, n14, c0940/24, Dodecanese Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
DGB	Zmir	0.27	23	P	11 09 24.5	-0.1
DGB	Zmir	0.27	23	P	11 09 28.2	-0.4
GCAM	G?zelcaml?	0.40	104	P	11 09 26.7	0.0
GCAM	G?zelcaml?	0.40	104	P	11 09 32.5	+0.3
GCAM	G?zelcaml?	0.40	104	P	11 09 26.7	0.0
GCAM	G?zelcaml?	0.40	104	P	11 09 32.5	+0.3
ZEY	Zmir	0.48	336	P	11 09 28.5	+0.2
ZEY	Zmir	0.48	336	P	11 09 35.3	+0.5
URLA	Izmir	0.57	348	P	11 09 29.3	-0.7
URLA	Izmir	0.57	348	P	11 09 37.9	+0.2
URLA	Izmir	0.57	348	P	11 09 37.9	+0.2
URLA	Izmir	0.57	348	P	11 09 35.0	-0.4
URLA	Izmir	0.57	348	P	11 09 38.5	0.0
URLA	Izmir	0.57	348	P	11 09 29.3	-0.7
URLA	Izmir	0.57	348	P	11 09 37.9	+0.2
URLA	Izmir	0.57	348	P	11 09 38.5	0.0
BODT	Bodrum	0.86	149	P	11 09 47.2	+0.5
BODT	Bodrum	0.86	149	P	11 09 35.0	-0.4
BODT	Bodrum	0.86	149	P	11 09 47.2	+0.5
AYDE	Zeytinokoy-Aydi	0.92	80	P	11 09 36.1	-0.4
AYDE	Zeytinokoy-Aydi	0.92	80	P	11 09 36.1	-0.4
DAT	Datca	1.26	148	P	11 09 42.0	-0.2
DAT	Datca	1.26	148	P	11 09 42.0	-0.2

ISC 22 11:09:27.7, 1.2, 34:29N-73:24E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.5/59, mbtmp3.5/4, ML3.8/1, Error ellipse: s-maj=53.3km s-min=32.3km az=38.0, Pakistan

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
SDNR	Sundarnagar	4.19	130	P	11 10 41.0	-1.3
BVAR	Borovoye Array	18.84	355	P	11 13 49.0	-0.1
TORD	Torodi Ar. Bea	67.53	271	P	11 20 26.1	0.0
WRA	Warramunga Arr	79.26	123	P	11 21 35.0	-0.1
ASAR	Alice Springs	81.48	126	P	11 21 47.4	+0.4

SGS 22 11:12:15.8, 15:02N-41:55E, h27km, ISCJB 22 11:12:18.9, 0.8, 15:22N-41:93E-0:07, h10km, mb3.4/4, Error ellipse: s-maj=9.5km s-min=6.1km az=156.7

ISC 22 11:12:19.7, 1.4, 15:08N-41:95E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/55, mbtmp3.5/5, ML3.3/1, Error ellipse: s-maj=36.6km s-min=23.7km az=81.0, DHMR 22 11:12:19.6, 1.4, 15:54N-42:20E, h5km, 21km, ML3.7, ISC 22 11:12:20.7, 0.9, 15:12N-40:05-41:94E-0:08, h10km, n10, c258/13, mb3.4/4, Red Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
FRSS	Farasan al Kab	1.47	7	P	11 13 04.8	-1.8
FRSS	Farasan al Kab	1.47	7	P	11 12 43.8	-3.5
HAIJ	Hajjah	1.66	75	P	11 13 02.1	-1.0
HAIJ	Hajjah	1.66	75	P	11 13 02.1	-1.0
DHBB	Dhamar BB	2.27	106	P	11 12 58.8	-2.6
DHBB	Dhamar BB	2.27	106	P	11 13	

Table with columns: ARU, Arti, 57.29 319 eP, P, 11 32 58.0 -0.4, KUR, comp=N,47nm,0.4s, pmax, pmax, NJ2, comp=Z,38um,20.1s, LR, LR, YOJ, Yonaguni jima, 19.94 240 eP, P, 11 28 04.0 -2.6, etc.

IDC 22 11:23:32.8-0.3,36.11N:141.80E,h0km,mb5.1/45, mb1 5.1/53,mb1mx5.1/62,mbtmp5.1/53,ML4.1/8,MS6.0/16, Ms1 6.0/16,ms1mx5.8/21, Error ellipse: s-maj=10.5km s-min=8.6km az=91.0

ISCJB 22 11:23:33.0-0.5,36.05N:141.80E:0.01,h13km,3km, mb5.5/385,MS5.9/245, Error ellipse: s-maj=3.3km s-min=1.9km az=170.5

BUI 22 11:23:33.9-36.20N:141.90E,h30km,mb5.6/74,mb6.1/69, Ms6.3/88,Ms7 6.2/82

JMA 22 11:23:35.0-0.2,36.11N:141.98E,h34km,M6.1 JMA Felt III J1

GCMT 22 11:23:35.0-0.1,36.01N:141.99E,h18km,MW5.9/139, Moment Tensor Solution. s122,c265; s139,c436; Duration: 2s2 Moment tensor: Scale 1018Nm; Mn:0.55±.01; Mw:0.10±.00; Mo:0.45±.01; Mo:0.32±.01; Mw:0.22±.00; Mw:0.69±.02; Best double couple: Mo:0.94200±0.18 NP1:25.00000±.872.00000±.790.00000±. NP2:26.00000±.818.00000±.91.00000±. Principal axes: T 0.9370, Plg63.0000°, Azm295.0000°; N 0.0100, Plg0.0000°, Azm25.0000°; P -0.9470, Plg270.0000°, Azm115.0000°; nst1 refers to body waves, cutoff=400s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 22 11:23:35.2-0.1,36.08N:141.69E,h12km,mb5.5/267, ME5.7,MS5.9/171,MW5.8,MW5.9 Error ellipse: s-maj=2.8km s-min=1.9km az=147.0 Moment Tensor Solution. s64 Moment tensor: Scale 1017Nm; Mr:3.69; Mw:1.35; Mw:2.34; Mw:2.99; Mw:3.23; Mw:4.97; Best double couple: Mo:7.40000±0.107 NP1:23.00000±.820.00000±.112.00000±. NP2:32.00000±.872.00000±.782.00000±. Principal axes: T 6.6500, Plg63.0000°, Azm290.0000°; N 1.3000, Plg7.0000°, Azm34.0000°; P -7.9500, Plg26.0000°, Azm128.0000°; Broadband fault plane solution: P waves: NP1:25.00000±.872.00000±.790.00000±. NP2:25.00000±.885.00000±.890.00000±. Principal axes: T Plg50.0000°, Azm295.0000°; N Plg0.0000°, Azm0.0000°; P Plg40.0000°, Azm115.0000°; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC Felt at Ichinoseki, Mito, Narita, Tokyo and Yokosuka. Recorded [3 JMA] in Chiba and Ibaraki.

MOS 22 11:23:36.9-0.9,36.18N:141.70E,h33km,mb5.7/121, MS6.2/69 Error ellipse: s-maj=6.1km s-min=3.9km az=109.1

NEIC 22 11:23:37.4-0.0,35.88N:142.28E,h15km Best double couple: NP1:27.00000±.878.00000±.84.00000±. NP2:22.00000±.812.00000±.114.00000±. Principal axes: T 0.9600, Plg56.0000°, Azm280.0000°; N 0.0800, Plg5.0000°, Azm18.0000°; P -1.0400, Plg33.0000°, Azm111.0000°

ISC 22 11:23:36.5-0.3,36.11N:141.85E:0.03,h25km,1km, h24km;pP-P,n1554,154/1723,mb5.5/408,MS5.9/249, 103C-17D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CHOI, Chosi, 0.90 243 Op, P, 11 23 53.3 -0.1, etc.

Table with columns: KUR, comp=N,47nm,0.4s, pmax, pmax, KUR, comp=N,25um,14.0s, MLR, MLR, KUR, comp=Z,50um,14.0s, MLR, MLR, etc.

HABR Khabarovsk 13.33 340 eP, P, 11 26 41.0 -3.0, Sn 11 29 08.6 -2.7

CN2 Changchun 14.72 306 eP, P, 11 27 01.4 -1.6, esP 11 27 13.6 +4.7, Sn 11 29 47.8 +2.5

JOW Kunigami 14.81 235 Pn, P, 11 27 02.7 -1.6, comp=Z,0.6nm,0.3s,baz=55,slow=15,SNR=7.0

JOW Kunigami 14.81 235 ePn, Pn, 11 27 05.7 +1.4, Kul'dur 15.05 334 Pn, Pn, 11 27 07.0 -0.4, comp=Z,1.5nm,0.3s,baz=163,slow=9.8,SNR=12

KLR Shenyang 15.30 297 P, P, 11 27 06.3 -1.1, Sny 11 27 07.1 -0.7, Sny 11 30 01.0 +1.5

DL2 Dalian 16.28 286 P, Pn, 11 27 23.9 +0.5, Pn 11 30 22.4 +0.9

DL2 Dalian 16.28 286 P, Pn, 11 27 23.9 +0.5, Pn 11 30 22.4 +0.9

DL2 Dalian 16.28 286 P, Pn, 11 27 23.9 +0.5, Pn 11 30 22.4 +0.9

DL2 Dalian 16.28 286 P, Pn, 11 27 23.9 +0.5, Pn 11 30 22.4 +0.9

DL2 Dalian 16.28 286 P, Pn, 11 27 23.9 +0.5, Pn 11 30 22.4 +0.9

DL2 Dalian 16.28 286 P, Pn, 11 27 23.9 +0.5, Pn 11 30 22.4 +0.9

DL2 Dalian 16.28 286 P, Pn, 11 27 23.9 +0.5, Pn 11 30 22.4 +0.9

DL2 Dalian 16.28 286 P, Pn, 11 27 23.9 +0.5, Pn 11 30 22.4 +0.9

DL2 Dalian 16.28 286 P, Pn, 11 27 23.9 +0.5, Pn 11 30 22.4 +0.9

DL2 Dalian 16.28 286 P, Pn, 11 27 23.9 +0.5, Pn 11 30 22.4 +0.9

DL2 Dalian 16.28 286 P, Pn, 11 27 23.9 +0.5, Pn 11 30 22.4 +0.9

DL2 Dalian 16.28 286 P, Pn, 11 27 23.9 +0.5, Pn 11 30 22.4 +0.9

DL2 Dalian 16.28 286 P, Pn, 11 27 23.9 +0.5, Pn 11 30 22.4 +0.9

DL2 Dalian 16.28 286 P, Pn, 11 27 23.9 +0.5, Pn 11 30 22.4 +0.9

DL2 Dalian 16.28 286 P, Pn, 11 27 23.9 +0.5, Pn 11 30 22.4 +0.9

Table with columns: NJ2, comp=Z,38um,20.1s, LR, LR, YOJ, Yonaguni jima, 19.94 240 eP, P, 11 28 04.0 -2.6, etc.

TAT Taipei 20.71 243 P, P, 11 28 11.0 -4.0, PFAKE 11 28 30.0 +13

HIA Hailar 20.81 316 eP, P, 11 28 15.4 -0.5, comp=Z,138nm,1.0s, MLR, MLR

HIA Hailar 20.81 316 eP, P, 11 28 15.4 -0.5, comp=Z,43um,20.0s, 20.81 316 eP, P, 11 28 15.4 -0.5

YHNB Yeheng 20.97 243 eP, P, 11 28 15.6 -2.4, comp=Z,94nm,1.2s, LR, LR

NACB Ninganchiao 21.12 241 eP, P, 11 28 16.7 -2.7, comp=Z,97nm,0.9s, LR, LR

SSLB Suanglung 21.82 242 eP, P, 11 28 25.1 -1.8, comp=Z,59nm,0.9s, LR, LR

YULB Yu-li 21.83 240 eP, P, 11 28 24.7 -2.3, comp=Z,19um,20.0s, LR, LR

YULB Yu-li 21.83 240 eP, P, 11 28 24.7 -2.3, comp=Z,83nm,1.3s, LR, LR

TWGP Pinlang 22.36 239 eP, P, 11 28 29.4 -3.3, comp=Z,246nm,0.8s, LR, LR

TPUB Ta-pu 22.36 241 eP, P, 11 28 25.8 -7.0, comp=Z,19um,22.0s, LR, LR

GUMO Guam 22.59 172 P, P, 11 28 34.8 -0.4, comp=Z,72nm,0.9s,baz=4.7,slow=3.9,SNR=4.3

GUMO Guam 22.59 172 eP, P, 11 28 37.0 +1.8, comp=Z,880nm,1.3s, LR, LR

GUMO Guam 22.59 172 eP, P, 11 28 37.0 +1.8, comp=Z,880nm,1.3s, LR, LR

GUMO Guam 22.59 172 eP, P, 11 28 37.0 +1.8, comp=Z,880nm,1.3s, LR, LR

GUMO Guam 22.59 172 eP, P, 11 28 37.0 +1.8, comp=Z,880nm,1.3s, LR, LR

GUMO Guam 22.59 172 eP, P, 11 28 37.0 +1.8, comp=Z,880nm,1.3s, LR, LR

GUMO Guam 22.59 172 eP, P, 11 28 37.0 +1.8, comp=Z,880nm,1.3s, LR, LR

GUMO Guam 22.59 172 eP, P, 11 28 37.0 +1.8, comp=Z,880nm,1.3s, LR, LR

GUMO Guam 22.59 172 eP, P, 11 28 37.0 +1.8, comp=Z,880nm,1.3s, LR, LR

GUMO Guam 22.59 172 eP, P, 11 28 37.0 +1.8, comp=Z,880nm,1.3s, LR, LR

HHC	Hu-ho-hao-te	24.11 291	eP	P	11 28 45.9	-4.4
HHC			pP	pP	11 28 57.0	-0.7
HHC			sP	sP	11 28 59.6	-1.2
HHC			sS	sS	11 32 57.3	-9.3
HHC			pmax	pmax	11 33 14.0	-4.7
HHC	comp=E,38nm,0.9s					
HHC	comp=E,4um,4.1s					
HHC	comp=E,32um,12.3s					
HHC	comp=E,42um,13.4s					
HHC	comp=E,38um,11.3s					
MA2	Magadan	24.19 11	P	P	11 28 50.8	+0.1
MA2	Magadan	24.19 11	iP	P	11 28 50.5	-0.2
MA2	Magadan	24.19 11	P	P	11 28 50.8	+0.1
MA2	comp=Z,19um,20.0s					
BTO	Baotou	25.28 290	eP	P	11 28 58.5	-2.4
BTO	comp=Z,8um,14.2s					
BTO	comp=Z,13um,13.7s					
CIT	Chita	25.59 317	eP	P	11 29 04.5	+1.0
CIT			e	e	11 29 16.1	
CIT			e	e	11 29 47.4	
CIT	comp=Z,636nm,1.7s					
XAN	Xi'an	26.96 275	P	P	11 29 14.1	-2.0
XAN			pP	pP	11 29 25.0	+1.5
XAN			sP	sP	11 29 28.5	+1.9
XAN	comp=Z,150nm,2.5s					
XAN	comp=Z,7um,9.0s					
XAN	comp=Z,24um,16.0s					
XAN	comp=Z,29um,16.0s					
XAN	comp=Z,46um,16.0s					
YAK	Yakutsk	27.05 347	P	P	11 29 16.6	+0.2
YAK	Yakutsk	27.05 347	eP	P	11 29 16.2	-0.3
YAK			e	e	11 29 56.6	
YAK			ePPP	PPP	11 30 11.0	
YAK			eS	S	11 33 50.7	-1.9
YAK	comp=Z,721nm,1.1s					
YAK	comp=E,270nm,1.5s					
YAK	comp=N,802nm,1.4s					
YAK	comp=Z,548nm,1.3s					
YAK	comp=N,832nm,1.7s					
YAK	comp=E,708nm,2.0s					
YAK	comp=E,1um,2.3s					
YAK	comp=N,2um,2.0s					
YAK	comp=E,12um,15.0s					
YAK	comp=Z,46um,15.0s					
YAK	comp=N,41um,16.0s					
YAK	comp=N,637nm,1.0s					
YAK	comp=Z,26um,18.0s					
H11N2	WAKE ISLAND Hy	27.38 120	T	T	11 57 56.6	
H11N1	WAKE ISLAND Hy	27.39 120	T	T	11 57 56.8	
H11N3	WAKE ISLAND Hy	27.40 120	T	T	11 57 58.0	
WAKE	Wake Island	27.51 121	PFAKE	LR	11 29 30.0	+8.9
ENH	Enshi	27.62 267	eP	P	11 29 21.7	-0.3
ENH	comp=Z,23um,20.0s					
SEY	Seymchan	27.63 10	P	P	11 29 21.7	0.0
HKC	Hong Kong Obse	27.68 248	iP	P	11 29 22.0	-0.6
GZH	Guangzhou	27.86 250	P	S	11 29 19.3	-4.9
GZH			sS	S	11 34 02.4	-3.7
GZH			sS	SnSn	11 35 25.3	+5.0
H11S1	WAKE ISLAND Hy	28.07 122	T	T	11 58 46.7	
H11S3	WAKE ISLAND Hy	28.07 122	T	T	11 58 43.2	
H11S2	WAKE ISLAND Hy	28.09 122	T	T	11 58 48.0	
SMY	Shemya	28.09 44	PFAKE	LR	11 29 40.0	+14
BOD	Bodaibo	28.50 328	eP	P	11 29 29.6	+0.1
BOD	comp=Z,423nm,1.5s					
SONA1	Songino Array	28.59 305	eP	P	11 29 31.6	+0.9
SONM	Songino Array	28.60 305	P	P	11 29 31.5	+0.8
SONM1	comp=Z,81nm,0.7s,baz=107,slow=8.0,SNR=67					
SONM2	comp=Z,26um,19.1s,baz=100,slow=38					
PLP	Palo	29.15 216	iP	P	11 29 31.1	-4.6
LZH	Lanzhou	30.58 281	eP	P	11 29 48.3	-0.1
LZH			pP	sP	11 29 57.5	-1.4
LZH			sP	sP	11 30 00.8	+4.9
LZH			eP	PnPn	11 30 52.6	+4.7
LZH			eS	S	11 34 47.0	-2.0
LZH			sS	sS	11 35 03.4	+2.1
LZH			sS	SnSn	11 36 26.1	-0.4
LZH	comp=Z,150nm,1.2s					
LZH	comp=Z,2um,4.7s					
LZH	comp=Z,44um,15.4s					
LZH	comp=Z,63um,15.7s					
LZH	comp=Z,72um,16.5s					
IRK	Irkutsk	30.98 313	iP	P	11 29 51.8	+0.2
ZAK	Zakamensk	31.12 309	eP	P	11 29 53.3	+0.3
ZAK	comp=Z,152nm,1.4s					
TLY	Talaya	31.20 312	P	P	11 29 54.8	+1.2
TLY	comp=Z,72nm,0.7s,baz=119,slow=7.7,SNR=65					
TLY	comp=Z,40um,18.1s,baz=106,slow=38					
TLY			eS	S	11 30 55.4	
TLY			eS	S	11 35 05.4	+7.2
TLY			eSS	SnSn	11 36 35.7	-5.4
TLY	comp=Z,342nm,1.3s					
TLY	comp=Z,46um,14.0s					
TLY			P	P	11 29 54.3	+0.7
TLY			P	P	11 29 54.3	+0.7
TLY			P	P	11 29 54.3	+0.7
TLY	Talaya	31.20 312	P	P	11 29 54.3	+0.7
TLY	comp=Z,525nm,1.5s					
GYA	Guiyang	31.43 262	iP	P	11 29 54.1	-1.8
GYA			pP	pP	11 30 07.3	+0.9
GYA			pP	pP	11 32 01.0	+2.0
GYA			S	S	11 35 02.8	+0.5
GYA			sS	sS	11 35 17.8	+3.2
GYA			sP	sP	11 36 30.4	-0.1
GYA			sS	SnSn	11 36 48.0	+0.7
GYA	comp=Z,60nm,1.0s					

GYA	comp=Z,2um,13.2s					
GYA	comp=Z,14um,13.9s					
GYA	comp=Z,16um,18.6s					
GYA	comp=Z,26um,17.4s					
CD2	Chengdu	32.04 272	iP	P	11 29 59.8	-1.4
CD2			pP	pP	11 30 08.6	+1.0
CD2			sP	sP	11 30 14.1	+2.4
CD2			PP	PP	11 31 12.1	-1.6
CD2			S	S	11 35 08.9	-2.8
CD2			sS	sS	11 35 25.8	+1.8
CD2	comp=Z,80nm,0.8s					
CD2	comp=Z,4um,7.2s					
CD2	comp=Z,46um,15.1s					
CD2	comp=Z,31um,17.8s					
CD2	comp=Z,41um,17.1s					
DAV	Davao City (W)	32.51 211	PFAKE	LR	11 30 20.0	+15
DAV						
MOY	Monday	32.80 311	eP	P	11 30 08.2	+0.4
MOY	comp=Z,7um,19.0s					
MOY	comp=Z,206nm,1.3s					
QIZ	Qiongzong	32.88 247	P	P	11 30 09.1	+0.5
QIZ			pP	pP	11 30 17.8	-1.3
QIZ			sP	sP	11 31 23.6	+0.5
QIZ			S	S	11 35 24.1	-0.8
QIZ			sS	sS	11 35 41.3	+4.1
QIZ	comp=Z,2um,10.4s					
QIZ	comp=Z,17um,14.4s					
QIZ	comp=Z,19um,13.5s					
QIZ	Qiongzong	32.88 247	eP	P	11 30 08.8	+0.1
QIZ	comp=Z,19nm,0.9s					
QIZ	comp=Z,14um,20.0s					
GTA	Gaotai	33.18 289	iP	P	11 30 11.6	+0.4
GTA			pP	pP	11 30 20.9	-0.8
GTA			sP	sP	11 30 24.9	+6.2
GTA			pPn	PnPn	11 31 21.0	-0.4
GTA			S	S	11 35 30.0	+0.5
GTA			sS	sS	11 35 45.5	+3.9
GTA			sS	SnSn	11 37 32.9	+3.3
GTA	comp=Z,120nm,1.5s					
GTA	comp=Z,3um,6.7s					
GTA	comp=Z,26um,14.3s					
GTA	comp=Z,30um,17.6s					
GTA	comp=Z,34um,17.6s					
BILL	Bilibino	34.82 16	eP	P	11 30 24.4	-0.5
BILL			e	e	11 31 46.7	
BILL			ePPP	PPP	11 31 55.7	+1.8
BILL			iS	S	11 35 55.7	+1.8
BILL	comp=Z,73nm,1.7s					
BILL	comp=Z,15um,19.0s					
BILL	Bilibino	34.82 16	eP	P	11 30 25.7	+0.7
BILL	comp=Z,150nm,1.3s					
KMI	Kunming	35.18 263	P	P	11 30 27.9	-0.9
KMI			pP	pP	11 30 36.3	0.0
KMI			sP	sP	11 30 39.1	-0.2
KMI			PP	PnPn	11 31 47.4	+0.7
KMI			S	S	11 35 58.4	-2.4
KMI			sS	sS	11 36 12.0	-1.1
KMI			sS	SnSn	11 38 14.4	-4.2
KMI	comp=Z,58nm,1.8s					
KMI	comp=Z,2um,8.0s					
KMI	comp=Z,18um,16.0s					
KMI	comp=Z,20um,16.0s					
KMI	comp=Z,23um,16.4s					
MIDW	Midway	35.21 91	PFAKE	LR	11 30 40.0	+11
MIDW	comp=Z,10um,19.0s					
TIXI	Tiksi	36.25 353	P	P	11 30 36.3	-0.8
TIXI	comp=Z,14nm,0.8s,baz=126,slow=6.5,SNR=7.1					
TIXI	Tiksi	36.25 353	iP	P	11 30 37.1	0.0
TIXI	comp=Z,7nm,1.0s					
TIXI	comp=Z,70nm,1.7s					
TIXI	comp=Z,33um,17.0s					
TIXI	comp=Z,42nm,0.9s					
TIXI	Tiksi	36.25 353	eP	P	11 30 37.4	+0.2
TIXI	comp=Z,17nm,1.0s					
MYLDM	Lahad Datu	37.52 220	eP	P	11 30 49.8	+1.2
MYLDM	comp=Z,102nm,1.1s					
KKM	Kota Kinabalu	38.05 224	PFAKE	LR	11 31 00.0	+6.8
KKM	comp=Z,9um,21.0s					
UBPT	Khong Chiam	38.47 247	P	P	11 30 56.9	+0.3
UBPT	comp=Z,139nm,0.8s,comp=Z,3um					
SKNT	Sakolnakorn	38.55 250	P	P	11 30 57.5	+0.2
SKNT	comp=Z,88nm,2.1s,comp=Z,4um					
CRAI	Chiangrai	39.52 258	P	P	11 31 05.0	-0.4
CRAI	comp=Z,809nm,1.3s,comp=Z,56um					
CHAI	Chaiyaphum	40.72 251	P	P	11 31 15.1	-0.3
CHAI	comp=Z,18nm,0.6s,comp=Z,441nm					
UTTA	Utтарат	40.75 251	P	P	11 31 15.5	-0.1
UTTA	comp=Z,17nm,0.7s,comp=Z,183nm					
LAMP	Lampang	41.03 256	P	P	11 31 18.9	+1.0
LAMP	comp=Z,17nm,1.0s					
PBKT	Sadao Pong	41.11 253	P	P	11 31 18.1	-0.4
PBKT	comp=Z,79nm,1.2s,comp=Z,3um					
CMMT	Chiang Mai	41.41 257	P	P	11 31 20.7	-0.4
CMMT	comp=Z,69nm,0.7s,comp=Z,2um					
CHTO	Chiang Mai	41.41 257	P	P	11 31 20.8	-0.3
CHTO	comp=Z,252nm,0.8s,comp=Z,10um					
CHTO	Chiang Mai	41.41 257	eP	P	11 31 20.7	-0.3
CHTO	comp=Z,41nm,1.1s					
CHTO	comp=Z,10um,20.0s					
CHTO	Chiang Mai	41.41 257	P	P	11 31 21.0	-0.1
CHTO	SNR=18					
CHTO	Chiang Mai	41.41 257	P	P	11 31 21.0	-0.1
CHTO	Chiang Mai	41.41 257	P	P	11 31 20.7	-0.3
CHTO	comp=Z,41nm,1.1s					
CHTO	comp=Z,10um,20.0s					
WMQ	Ururugi	41.57 298	P	P	11 31 23.4	+1.2
WMQ			pP	pP	11 31 33.5	+0.7
WMQ			sP	sP	11 31 38.5	+8.7
WMQ			PcS	PcS	11 37 11.9	+0.8
WMQ			S	S	11 37 36.4	-0.3
WMQ			sS	sS	11 37 53.3	+4.1
WMQ	comp=Z,170nm,1.1s					
WMQ	comp=Z,4um,4.5s					
WMQ	comp=Z,13					

Table with columns for station call letters, frequency, mode, and other details. Includes stations like IIGN, NACGM, TBLU, ARTV, etc.

Table with columns for station call letters, frequency, mode, and other details. Includes stations like NC602, NB000, MLAC, NA001, etc.

Table with columns for station call letters, frequency, mode, and other details. Includes stations like SUE, R11A, R11A, BGU, etc.

SHPR	Sheep Range	78.41	53	eP	P	11 35 37.0 +1.7
BSD	Bornholm Skovb	78.42	332	i/P	P	11 35 34.4 -0.4
BSD	Bornholm Skovb	78.42	332	i/P	P	11 35 34.4 -0.4
STAV	Stavanger	78.53	338	eP	P	11 35 36.0 +0.7
TUQ	Turquoise Moun	78.55	55	P	P	11 35 36.5 +0.4
SNART	Snartemo	78.56	337	eP	P	11 35 35.7 +0.2
BORG	Big Bear Solar	78.57	56	P	P	11 35 35.7 -0.7
BORG	Borgarnes	78.61	353	eP	P	11 35 38.0 +2.4
BORG	Borgarnes	78.61	353	eP	P	11 35 38.0 +2.4
HEC	Hecto Ludlow	78.63	55	P	P	11 35 36.0 -0.5
MURC	Murrieta	78.77	57	P	P	11 35 36.9 -0.3
TAU	Tasmania Unive	78.80	176	PFAKE	LR	11 35 50.0 +1.3
ILGA	Ilgaz	78.86	313	eP	P	11 35 39.4 +1.6
GKP	Gorka Kiaszor	78.88	330	eP	LR	12 13 29.0
GKP	Gorka Kiaszor	78.88	330	eP	MLR	11 35 37.7 +0.4
COP	Copenhagen	78.91	334	i/P	P	11 35 37.5 +0.1
COP	Copenhagen	78.91	334	i/P	MLR	11 35 37.5 +0.1
CCUT	Cedar City	78.94	52	eP	P	11 35 39.6 +1.3
KWP	Kalwaria Pacia	79.08	325	eP	S	11 35 39.1 +0.5
KWP	Kalwaria Pacia	79.08	325	eP	SKSac	11 45 52.7 0.0
KWP	Kalwaria Pacia	79.08	325	eP	MLR	11 35 39.1 +0.5
SZCU	Shurtz Canyon	79.09	51	eP	P	11 35 40.8 +1.7
GMRC	Granite Mounta	79.10	55	P	P	11 35 39.6 +0.4
TMUT	Trail Mountain	79.22	49	eP	P	11 35 41.7 +1.8
BUR08	Bucovina Ar. S	79.24	322	eP	P	11 35 40.2 +0.6
109C	Camp Elliot, M	79.25	57	P	P	11 35 40.2 +0.4
BURAR	Bucovina Array	79.25	322	i/P	P	11 35 42.3 +2.6
PFO	Pinyon Flats O	79.26	56	P	P	11 35 40.8 +0.8
PFO	Pinyon Flats O	79.26	56	P	P	11 35 40.1 +0.1
PFO	Pinyon Flats O	79.26	56	eP	P	11 35 41.2 +1.2
PFO	Pinyon Flats O	79.26	56	eP	MLR	11 35 41.2 +1.2
PFO	Pinyon Flats O	79.26	56	eP	LR	11 35 41.2 +1.2
TPFO	Pinon Flats	79.27	56	P	P	11 35 39.9 -0.2
LDFC	Landfair	79.29	54	eP	P	11 35 41.4 +1.3
RAR	Rarotonga	79.33	126	PFAKE	LR	11 35 50.0 +1.0
BEJC	Belle Mtn. Jos	79.34	56	P	P	11 35 40.1 -0.3
LCMT	Little Creek M	79.34	52	eP	P	11 35 42.3 +1.9
CFR	Carcalui	79.37	319	i/P	P	11 35 41.4 +1.2
P17A	Butcher Ranch	79.40	49	eP	P	11 35 42.5 +1.8
MUD	Monsted U'grnd	79.44	335	i/P	P	11 35 40.5 +0.2
MUD	Monsted U'grnd	79.44	335	i/P	MLR	11 35 40.5 +0.2
KNB	Kanab	79.61	52	eP	P	11 35 44.0 +2.1
KNB	Kanab	79.61	52	eP	P	11 35 44.0 +2.1
VRI	Vrincalia	79.66	320	i/P	P	11 35 42.9 +1.1
BAR	Barrett	79.67	57	eP	P	11 35 43.1 +1.0
TIRR	Tirgusor	79.69	318	i/P	P	11 35 44.3 +2.4
TIRR	Tirgusor	79.69	318	eP	P	11 35 42.0 +0.1
TIRR	Tirgusor	79.69	318	eP	P	11 35 42.0 +0.1
PLOR	Plostina	79.71	320	i/P	P	11 35 45.0 +2.9
MONPZ	Monument Peak	79.71	57	P	P	11 35 42.1 -0.4
BR131	Keskin Array S	79.73	312	eP	P	11 35 43.3 +0.8
BRTR	Keskin Array B	79.73	312	eP	P	11 35 43.2 +0.8
BRTR	Keskin Array B	79.73	312	eP	P	11 35 43.2 +0.8
SRU	San Rafael Swe	79.76	49	eP	P	11 35 43.9 +1.2
SRU	San Rafael Swe	79.76	49	eP	P	11 35 43.9 +1.2
NEE2	Needles Airpor	79.80	54	P	P	11 35 42.7 0.0
TLB	Topalu	79.81	318	i/P	P	11 35 45.3 +2.7
IRM	Iron Mountain	79.82	55	P	P	11 35 43.6 +0.7
K22A	Casper	79.87	44	P	P	11 35 42.4 -0.8
K22A	Casper	79.87	44	eP	P	11 35 43.8 +0.6
BC3	Big Chuckawall	79.91	56	P	P	11 35 43.6 +0.1
STHS	Stebnicka Huta	79.92	325	eP	P	11 35 41.6 -1.5
STHS	Stebnicka Huta	79.92	325	eP	P	11 35 41.6 -1.5
STHS	Stebnicka Huta	79.92	325	eP	P	11 35 41.6 -1.5
UZH	Uzhgorod	79.98	324	eP	P	11 35 43.3 -0.1
UZH	Uzhgorod	79.98	324	eP	P	11 35 43.3 -0.1
UZH	Uzhgorod	79.98	324	eP	P	11 35 43.3 -0.1
OJC	Ojcow	80.00	326	eP	P	11 35 44.7
OJC	Ojcow	80.00	326	eP	P	11 45 45.5 -0.4
OJC	Ojcow	80.00	326	eP	P	11 35 44.0 +0.4
MDND	Maddock	80.04	37	P	P	11 35 43.3 -0.5
MDND	Maddock	80.04	37	eP	P	11 35 45.2 +1.3
ARCR	ARCALIA	80.04	322	i/P	P	11 35 46.0 +2.2
IKP	In-Ko-Pah, Jac	80.07	57	P	P	11 35 44.5 +0.2
ULM	Lac du Bonnet	80.08	33	P	P	11 35 43.2 -0.8
ULM	Lac du Bonnet	80.08	33	eP	P	11 35 45.0 +1.0
W13A	Hualapai Mount	80.08	54	eP	P	11 35 45.9 +1.3
SWSC	Sam W. Stewart	80.10	56	P	P	11 35 44.8 +0.4
ANTO	Ankara	80.14	312	eP	P	11 35 46.2 +1.6
ANTO	Ankara	80.14	312	eP	P	11 35 45.5 +0.9
ANTO	Ankara	80.14	312	eP	P	11 35 45.5 +0.9
ANTO	Ankara	80.14	312	eP	P	11 35 46.2 +1.6
BR231	Keskin NP Arra	80.17	312	eP	P	11 35 44.0 -0.8
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.9 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 36 02.2
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 47.1 -0.7
CRVS	Cervenica-Dubn	80.18	325	eP	P	11 35 45.0 +0.5
CRVS	Cervenica-Dubn					

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like BUD Budapest, D33A AnnSam, C34A RKJ Ranch, etc.

2011 AUG

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like J31A Geddes, SDCO Great Sand Dun, H33A Prehn Over Nor, etc.

1124

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like OBKA Obir, SKO Skopje, H36A Jessenland, etc.

H39A	Augusta	86.30	35	P	P	11 36 15.8	-0.4
K36A	Gilmore City	86.31	38	P	P	11 36 16.3	0.0
P32A	Huttin Farm	86.32	42	P	P	11 36 15.8	-0.6
KARP	Karpathos	86.34	312	P	P	11 36 15.7	-0.9
FETA	Feichten	86.35	329	i	PcP	11 36 18.4	+1.7
TIR	Tirane	86.38	320	LR	PFAKE	11 36 30.0	+1.3
DAVA	Damuels	86.50	330	i	PcP	11 36 18.4	+1.1
M35A	Neola	86.53	39	P	P	11 36 17.5	+0.1
Q33A	Hebron	86.55	41	P	P	11 36 16.9	-0.6
N34A	Lincoln	86.57	40	P	P	11 36 17.3	-0.4
ATAL	Atalanti	86.57	317	P	P	11 36 15.7	-1.9
L36A	Harm Buss Farm	86.59	38	P	P	11 36 17.6	-0.1
K37A	Beimond	86.61	37	P	P	11 36 17.4	-0.4
AGG	Agios Georgios	86.62	317	P	P	11 36 17.6	-0.8
H40A	Chili	86.75	34	P	P	11 36 18.2	-0.2
J38A	Wedel Dairy, R	86.77	36	P	P	11 36 18.0	-0.5
Q32A	Meitler Ranch,	86.79	43	P	P	11 36 18.0	-0.7
SANT	Santorini	86.79	314	LR	PFAKE	11 36 30.0	+1.1
I39A	Houston	86.81	36	P	P	11 36 17.8	-0.9
ECH	Echery	86.83	332	eP	P	11 36 18.2	-0.5
DSB	Dublin	86.83	342	eP	P	11 36 20.2	+1.6
FUORN	Openpass-Fuorn	86.87	329	eP	P	11 36 19.2	0.0
P33A	Williams Farm,	86.94	42	P	P	11 36 18.7	-0.7
Q34A	Beatrice	86.94	41	P	P	11 36 18.8	-0.6
M36A	Felix, Anita	87.00	39	P	P	11 36 19.2	-0.5
N35A	Tabor	87.00	40	P	P	11 36 19.0	-0.7
L37A	Phoenix Point,	87.03	38	P	P	11 36 19.4	-0.4
JAN	Janina	87.08	319	P	P	11 36 20.0	-0.1
H41A	Junction City	87.09	34	P	P	11 36 19.6	-0.4
R32A	Long Quarter,	87.11	43	P	P	11 36 20.1	-0.2
J39A	Decorah	87.12	36	P	P	11 36 19.6	-0.7
K38A	Parkersburg	87.13	37	P	P	11 36 20.3	0.0
MOF	Molkenrain	87.14	331	eP	P	11 36 20.2	-0.1
Q33A	Connelly Farm,	87.18	42	P	P	11 36 20.7	0.0
I40A	Norwalk	87.21	35	P	P	11 36 20.4	-0.3
THEF	They Montfort	87.27	332	eP	P	11 36 20.4	-0.4
Q35A	Humboldt	87.30	40	P	P	11 36 20.7	-0.5
SERG	Sergoula	87.31	317	P	P	11 36 19.9	-1.3
P34A	Walnut Farm, R	87.33	41	P	P	11 36 20.6	-0.7
TUE	Stuetta	87.37	329	eP	P	11 36 21.6	-0.1
N36A	Muff Farm, Cla	87.39	39	P	P	11 36 22.1	+0.5
L38A	Oak Wood Farm,	87.41	37	P	P	11 36 21.2	-0.5
M37A	Trindle Farm,	87.42	39	P	P	11 36 21.2	-0.5
I41A	Arkdale	87.43	35	P	P	11 36 21.4	-0.3
SGD	Sagadia	87.44	319	P	P	11 36 20.9	-0.9
PVO	Paravola	87.45	317	P	P	11 36 21.4	-0.5
SCIA	State Center	87.46	38	eP	P	11 36 23.3	+1.4
S32A	Newby Ranch, P	87.49	44	P	P	11 36 21.9	-0.2
K39A	Celwein	87.51	37	P	P	11 36 22.0	-0.2
J40A	Soldiers Grove	87.53	35	P	P	11 36 21.9	-0.3
R33A	Olander Ranch,	87.59	43	P	P	11 36 22.6	0.0
KEK	Kerkira	87.59	319	P	P	11 36 21.6	-1.0
LOMF	Lomont	87.67	331	eP	P	11 36 23.2	0.0
Q34A	Chapman	87.72	42	P	P	11 36 23.2	0.0
MNTX	Cornudas Mount	87.73	52	P	P	11 36 23.3	-0.1
MNTX	Cornudas Mount	87.73	52	eP	P	11 36 24.2	+0.8
TBI	Tubuai	87.75	121	ePP	PP	11 39 45.5	-4.0
TBI	Tubuai	87.75	121	eLR	LR	11 46 59.9	-5.1
KSU1	Kansas State U	87.77	42	P	P	11 36 23.2	-0.2
KSU1	Kansas State U	87.77	42	eP	P	11 36 24.5	+1.1
P35A	Duane Minner,	87.78	41	P	P	11 36 23.9	-0.6
N37A	Lee Faris, Mou	87.82	39	P	P	11 36 23.4	-0.3
MSTX	Muleshoe	87.83	49	P	P	11 36 24.1	+0.1
M38A	Pleasantville	87.84	38	P	P	11 36 23.6	-0.1
AMTX	Amarillo	87.86	47	eP	P	11 36 24.7	+0.6
AMTX	Amarillo	87.86	47	eP	P	11 36 25.4	+1.4
T32A	Huddler Ranch,	87.86	44	P	P	11 36 23.9	-0.1
IDI	Anoyia	87.87	313	P	P	11 36 23.3	-0.8
K40A	Colesburg	87.88	36	P	P	11 36 23.4	-0.4
RLS	Riolos of Patr	87.88	317	P	P	11 36 23.5	-0.5
Q36A	Bolckow	87.89	40	P	P	11 36 24.2	+0.3
J41A	Loganville	87.89	35	P	P	11 36 23.4	-0.6
L39A	Vinton	87.90	37	P	P	11 36 23.8	-0.1
R34A	Isabella, Hill	88.00	42	P	P	11 36 25.1	+0.5
S33A	Kaszmaul Farm,	88.09	43	P	P	11 36 25.3	+0.3
JFWS	Jewell Farm	88.13	35	eP	P	11 36 26.1	+1.0
JFWS	Jewell Farm	88.13	35	eP	P	11 36 26.1	+1.0
JFWS	Jewell Farm	88.13	35	eP	P	11 36 26.1	+1.0
P36A	Good Intent, A	88.14	40	P	P	11 36 24.9	-0.2
Q35A	Mercer Eighty,	88.25	41	P	P	11 36 25.9	+0.1
N38A	Joel South For	88.28	39	P	P	11 36 25.9	+0.1
IMMV	Iera Moni Meta	88.29	314	P	P	11 36 20.9	-5.0
Q37A	Wolven Farm, M	88.29	39	P	P	11 36 25.7	-0.1
SENIN	Lac Senin/Sane	88.29	330	eP	P	11 36 26.3	+0.3

M39A	Webster	88.30	37	P	P	11 36 25.2	-0.6
T33A	Patterson Ranc	88.32	44	P	P	11 36 26.0	-0.1
L40A	Anamosa	88.32	37	P	P	11 36 25.4	-0.5
K41A	Shullsburg	88.34	36	P	P	11 36 25.3	-0.8
U32A	Winter Ranch,	88.39	45	P	P	11 36 26.5	0.0
ANKY	Antikythira Is	88.40	314	P	P	11 36 24.3	-2.2
Q36A	Arnold, C. Orve	88.48	41	P	P	11 36 26.3	-0.5
S34A	Willow Spring	88.50	43	P	P	11 36 26.6	-0.4
R35A	Emporia Munici	88.55	42	P	P	11 36 26.7	-0.5
PYL	CYLOS	88.56	316	P	P	11 36 24.8	-2.4
N39A	Derby Farms, D	88.59	38	P	P	11 36 27.5	+0.2
P37A	Lathrop	88.61	40	P	P	11 36 27.1	-0.3
L41A	Preston	88.66	36	P	P	11 36 26.9	-0.7
Q38A	Galt	88.67	39	P	P	11 36 27.1	-0.5
VLC	Willollemand	88.77	327	eP	P	11 36 30.4	+2.2
ALC	L'Aquila	88.82	325	eP	P	11 36 28.7	+0.3
AQU	L'Aquila	88.82	325	eP	P	11 36 28.7	+0.3
AQU	L'Aquila	88.82	325	eP	P	11 36 28.7	+0.3
V32A	Arapaho	88.83	45	P	P	11 36 28.9	+0.4
U33A	Lingo Farm, Me	88.85	44	P	P	11 36 28.5	-0.1
R36A	Gordon, Harris	88.93	41	P	P	11 36 28.7	-0.3
T34A	McClaskey Farm	88.95	43	P	P	11 36 28.6	-0.5
S35A	Otter Creek Ra	88.95	42	P	P	11 36 29.1	0.0
VAL	Valentia	88.98	343	i	S	11 47 17.2	+1.9
P38A	Dawn	89.00	39	P	P	11 36 28.9	-0.4
Q39A	Kirkville	89.04	38	P	P	11 36 29.1	-0.3
Q37A	Longview Farm,	89.08	41	P	P	11 36 29.3	-0.4
VLDQ	Val d'Or	89.11	25	eP	P	11 36 29.5	0.0
GLMI	Grayling	89.12	31	eP	P	11 36 31.9	+2.1
W32A	Sentinel	89.13	46	P	P	11 36 30.0	0.0
M41A	Milan	89.17	37	P	P	11 36 29.8	-0.2
U34A	Anderson Ranch	89.18	44	P	P	11 36 30.0	-0.1
U34A	Anderson Ranch	89.18	44	eP	P	11 36 31.6	+1.4
V33A	Lossen Ranch,	89.19	45	P	P	11 36 30.1	-0.1
R37A	Teagarden Farm	89.30	41	P	P	11 36 30.2	-0.5
S36A	Lake Cedric, C	89.32	42	P	P	11 36 30.6	-0.1
T35A	Sooner Cattle	89.40	43	P	P	11 36 31.2	0.0
CUC	Castroccio	89.45	322	eP	P	11 36 32.6	+1.2
Q38A	Coe Store, C	89.45	40	P	P	11 36 31.0	-0.4
O40A	La Belle	89.47	38	P	P	11 36 30.7	-0.8
M42A	Sheffield	89.49	36	P	P	11 36 30.9	-0.6
P39B	Salisbury	89.51	39	P	P	11 36 31.6	0.0
W33A	Caddo, Fort Co	89.56	45	P	P	11 36 32.4	+0.4
TIP	Timpagrande	89.58	321	P	P	11 36 31.8	-0.2
TIP	Timpagrande	89.58	321	eP	P	11 36 31.2	-0.8
X32A	Elmer	89.60	46	P	P	11 36 31.7	-0.5
BNI	Bardonecchia	89.61	330	eP	P	11 36 35.0	+2.8
BNI	Bardonecchia	89.61	330	eP	P	11 36 35.0	+2.8
BNI	Bardonecchia	89.61	330	eP	P	11 36 35.0	+2.8
V34A	Guthrie	89.62	44	P	P	11 36 32.0	-0.2
V34A	Guthrie	89.62	44	eP	P	11 36 33.6	+1.4
T36A	Boggs Farm, Ca	89.64	43	P	P	11 36 32.6	+0.3
WMOK	Wichita Mounta	89.67	46	P	P	11 36 32.5	0.0
WMOK	Wichita Mounta	89.67	46	eP	P	11 36 33.5	+1.0
WMOK	Wichita Mounta	89.67	46	eP	P	11 36 33.5	+1.0
U35A	Pawnee	89.67	44	P	P	11 36 32.0	-0.5
S37A	Fort Scott	89.70	41	P	P	11 36 31.8	-0.7
Q39A	Willow Grove F	89.72	40	P	P	11 36 32.0	-0.6
MSEY	Mahe Island	89.79	264	PFAKE	LR	11 36 40.0	+6.7
P40A	Paris	89.83	39	P	P	11 36 33.0	-0.2
R38A	Fenwick Farm,	89.88	41	P	P	11 36 32.1	-1.3
W34A	Bridge Creek,	89.90	45	P	P	11 36 33.1	-0.5
W34A	Bridge Creek,	89.90	45	eP	P	11 36 34.8	+1.2
O41A	Pasleys Farm,	89.97	38	P	P	11 36 33.8	+0.1
X33A	Lawton	89.97	46	P	P	11 36 33.6	-0.3
PLDF	La Plantade	90.04	332	eP	P	11 36 35.3	+1.2
V35A	Meyer Ranch, C	90.05	44	eP	P	11 36 33.8	-0.5
T37A	Cheneyville 18	90.12	42	P	P	11 36 33.9	-0.6
U36A	Dologah	90.21	43	P	P	11 36 34.9	-0.1
P41A	Barry, Barry	90.22	38	P	P	11 36 34.6	-0.3
Q40A	Laux Farm, Aux	90.22	39	P	P	11 36 35.1	+0.1
R39A	Chumby, Stover	90.24	40	P	P	11 36 34.3	-0.8
SSB	Saint Sauveur	90.27	331	eP	P	11 36 34.7	-0.4
SSB	Saint Sauveur	90.27	331	eP	P	11 36 45.0	-1.2
SSB	Saint Sauveur	90.27	331	eP	P	11 36 45.0	-1.2
SSB	Saint Sauveur	90.27	331	eP	P	11 36 34.6	-0.4
SSB	Saint Sauveur	90.27	331	eP	P	11 36 45.0	-1.2
SSB	Saint Sauveur	90.27	331	eP	P	11 36 45.0	-1.2

Y33A	Hilltop Ranch,	90.28	46	P	P	11 36 34.5	-0.8
S38A	Stockton	90.29	41	P	P	11 36 34.0	-1.3
O42A	Boath	90.30	37	P	P	11 36 34.9	-0.4
X34A	Smith Ranch, M	90.32	45	P	P	11 36 35.0	-0.5
TX31	Lajitas Ar. Si	90.41	53	eP	P	11 36 36.7	+0.5
TXAR	Lajitas Array	90.41	53	eP	P	11 36 37.3	+1.2
HDIL	Hopedale	90.41	36	P	P	11 36 35.1	-0.7
HDIL	Hopedale	90.41	36	eP	P	11 36 37.3	+1.5
W35A	Tecumseh	90.47	44	P			

22d 11h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like WHTX, 334A, X39A, W40A, Y38A, T43A, CLTB, 136A, Z37A, V41A, S44A, U42A, PBMO, 434A, MIAR, MIAR, MIAR, 533A, X301, WHAR, Y39A, Z38A, 335A, 236A, VSL, T44A, 137A, S45A, V42A, W41B, U43A, LONY, 633A, 534A, 435B, 336A, W40A, XDD, WDD, 138A, Y40A, W42A, U44A, 237A, X41A, Z39A, V43A, 832A, ACSO, 733A, U44B, 436A, 139A, 634A, GLAT, 535A, V44A, 238A, Y41A, Z40A, 337A, 833A, X42A, W43A, M54A, U45A, 734A, 536A, 437A, 635A, 239A, Z41A, 140A, NATX, NATX, N54A, X43A, PKME, PKME.

2011 AUG

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Y42A, V45A, 933A, 735A, 636A, 537A, 438A, 834A, 240A, WVT, WVT, WVT, 141A, 339A, Z42A, W45A, X44A, Y43A, BINY, 736A, 835A, 538A, 934A, 340A, 637A, 241A, Y44A, OXF, OXF, X43A, X45A, 034A, KVTX, KVTX, 737A, 143A, 440A, 341A, 056A, 242A, Z44A, 638A, Y45A, ZAIG, 035A, Z45A, Y46A, 243A, 144A, KEST, KEST, 145A, 244A, Z46A, Y47A, 344A, 146A, 147A, 246A, BLA, PBRG, 247A, 445A, PGAV, CBN, CBN, 347A, MVO, MVO, RKT, RKT, RKT, RKT, 546A, ES19, 645A, ESDC, ESDC, PAB, PAB, 448A, BRAL, BRAL, GOGA, GOGA, RER.

1126

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like RER, PCAS, PMRV, PMRV, PMRV, CNCC, PESTR, EVO, NHSC, NHSC, PBEJ, PNCL, MESJ, PCVE, PVAQ, PVAQ, PBDV, PFVI, KMBQ, KMBQ, PTCN, PTCN, RTC, RTC, ABPO, ABPO, CMLA, CMLA, TEIG, TEIG, MBAR, MBAR, BBSR, BBSR, TAM, TAM, PMOZ, PMOZ, GTBY, GTBY, MTDJ, MTDJ, SBA, SBA, GRTK, GRTK, SDDR, SDDR, LSZ, LSZ, TORD, TORD, TORD, MAW, MAW, SJG, SJG, RPN, RPN, PAYG, PAYG, BCIP, BCIP, ANWB, ANWB, LBTB, LBTB, SDV, SDV, SDV, GSPA, GSPA, NORC, NORC, RUSC, RUSC, RUSC, ROSC, ROSC, GRGR, GRGR, SACV, SACV, SYO, SYO, CHIC, CHIC, PRAC, PRAC, TSMU, TSMU, SUR, SUR, NVL, NVL, NVL, SNA, SNA, SNA, VNA, VNA, VNA, ASCN, ASCN, SAML, SAML, SHEL, SHEL, LPAZ, LPAZ, PMSA, PMSA, PMSA, PB01, PB01, RCBR, RCBR, LVC, LVC, LCO, LCO.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FRU Bishkek, KSH Kashi, BVAR Borovoye, etc.

JMA 22 12:21:23.0:0.1, 37:18N:141:22E, h31km:1km, M4.1
JMA Felt III, J1
IDC 22 12:21:24.8:0.2, 37:13N:141:32E, h40km:19km, mb3.6/11, mb1.3/8.17, mb1mx3.6/5.3, mbtmp3.8/17, ML3.1/5, Error ellipse: s-maj=14.8km s-min=11.6km az=89.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JMA Hitachi, JMA Marumori, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JHO Otama, JFT JFT, JSB Shiba, etc.

NNC 22 12:32:17.0:4.3, 54:25N:86:15E, h0km, mb3.7, mpv2.8, 4C, Error ellipse: s-maj=23.8km s-min=16.3km az=65.0, Southwestern Siberia

IDC 22 12:39:32.4:2.3, 36:19N:142:26E, h0km, mb3.6/3, mb1.3/8.4, mb1mx3.4/3.0, mbtmp3.5/4, ML3.1/1, Error ellipse: s-maj=57.5km s-min=28.1km az=52.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JHO Chosi, JFT JFT, JSB Shiba, etc.

IDC 22 12:39:37.3:0.1, 36:14N:141:89E, h66km:2km, M2.8
JMA 22 12:39:36.0:1.4, 36:13N:141:99E, h0km, h2km, n19, s16/11, mb3.5/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CHQJ Chosi, CHQJ Chosi, JHO Hitachi, etc.

IDC 22 13:10:11.6:2.9, 5:59S:150:95E, h0km, mb3.5/2, mb1.3/8.3, mb1mx3.5/3.6, mbtmp3.6/3, ML0.9/1, Error ellipse: s-maj=124.2km s-min=36.0km az=125.0, New Britain region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SPG San Pedro Mart, 214A Organ Pipe Nat, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CHQJ Chosi, CHQJ Chosi, JHO Hitachi, etc.

IDC 22 13:15:04.5:0.8, 57:25S:125:92W, h0km, mb4.2/3, mb1.4/2.4, mb1mx3.8/3.1, mbtmp4.0/4, ML3.8/1, Error ellipse: s-maj=40.3km s-min=25.8km az=77.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SNAW Sanae, VNSA Vanda, H105A ASCENSION HYDR99.06, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LPZA La Paz, TORD Torodi Arr, ARCES ARCES Array B, etc.

ISCJB 22 13:16:04.7:0.7, 23:63S:0:1x180:0E:0.1, h500km, mb3.9/10, Error ellipse: s-maj=21.2km s-min=15.6km az=143.4

IDC 22 13:16:05.1:2.2, 23:63S:179:91W, h498km, 22km, mb3.6/10, mb1.3/8.11, mb1mx3.4/4.3, mbtmp4.4/11, Error ellipse: s-maj=23.4km s-min=16.4km az=158.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like URZ Urewhera, CTA Charters Tower, STKA Stephens Creek, etc.

ISC 22 13:16:05.2:0.7, 23:75S:0:2x179:9W:0.1, h500km, n16, s093/17, mb4.0/10, S, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, ILAR Eielson Array, etc.

ISCJB 22 13:39:26.1:0.6, 7:53N:0:0x126:72E:0:05, h70km:5km, mb4.2/21, Error ellipse: s-maj=8.8km s-min=5.3km az=168.9

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MAN 22 13:39:27.7:59N:126:60E, h2km, mb4.9, ML3.8, M3.5/9, NEIC 22 13:39:28.2:0.9, 7:56N:126:65E, h75km:8km, mb4.5/6, Error ellipse: s-maj=10.0km s-min=6.1km az=76.0

Table with columns for station call letters, frequency, signal strength, and other metrics. Includes stations like CTAO Charters Tower, FORT Forrest, MORW Morawa, etc.

Table with columns for station call letters, frequency, signal strength, and other metrics. Includes stations like KSRS Chengdu, MJAR Matsuhiro, XAN Xi'an, etc.

Table with columns for station call letters, frequency, signal strength, and other metrics. Includes stations like TKM2 Tokmak 2, YAK Yakutsk, ZAAO Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station identifiers like GERES, WLF, BRO, etc.

NIED 22 15:26:00.37,40N,141.50E,h41km,Mw4.3 Best double couple: M=3.24000x10^15 NP1=336.00000, s30.00000, lambda=120.00000, NP2=189.00000, delta.00000, lambda=74.00000

ISCJB 22 15:26:08.70,5,37.38N,103.141.55E,0.04,h40km,4km,mb4.4/2,MS3.6/12,Error ellipse: s-maj=5.6km s-min=3.9km az=25.6

MOS 22 15:26:08.4,1.2,37.46N,141.55E,h36km,mb4.5/30,Error ellipse: s-maj=8.4km s-min=6.5km az=98.5

JMA 22 15:26:09.0,1.37,41N,141.48E,h41km,2km,M4.3 JMA Felt III J1

IDC 22 15:26:10.6,0.5,37.43N,141.46E,h40km,4km,mb4.0/18,mb1.4/2,25,mb1mx4.0/57,mbtmp4.2/25,ML4.1/5,MS3.4/13,MS1.3.5/13,ms1mx3.2/55,Error ellipse: s-maj=14.3km s-min=1.1km az=111.0

NEIC 22 15:26:11.1,0.6,37.42N,141.46E,h46km,5km,mb4.4/17,Error ellipse: s-maj=8.2km s-min=4.3km az=127.0

NEIC Recorded (3 JMA) in Fukushima

ISC 22 15:26:09.0,6,37.42N,141.55E,0.05,h32km,3km,n147,s151/159,mb4.4/52,MS3.5/12,13C-2D, Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station identifiers like JFK, ONAJ, JMM, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station identifiers like H11N2, H11N1, H11N3, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station identifiers like ARCES, FINES, STKA, VSU, etc.

IDC 22 15:35:24.5,7,10.43S,122.77E,h0km,mb4.0/1,mb1.3/74,mb1mx3.4/35,mbtmp3.5/4,ML3.2/3,Error ellipse: s-maj=101.0km s-min=61.5km az=64.0,Savu Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station identifiers like FITZ, WRA, ASAR, etc.

ISCJB 22 15:37:11.5,1.3,20.0S,0.3,177.8W,0.2,h450km,mb3.8/9,Error ellipse: s-maj=50.6km s-min=9.0km az=146.8

IDC 22 15:37:12.2,2.6,20.30S,177.61W,h453km,2.4km,mb3.5/9,mb1.3/70,mb1mx3.4/34,mbtmp4.3/10,Error ellipse: s-maj=46.6km s-min=14.6km az=151.0

ISC 22 15:37:12.2,1.2,20.1S,0.3,177.7W,0.2,h450km,n25,s0.98/23,mb3.8/9,1C-1Z,Fiji Islands region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time Res, and various station identifiers like AFI, CTA, STKA, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Muntele Rosu, Panksa Ves, Pruhonice, etc.

PGC 22 15:37:54.8±2.6, 58.75N×136.36W, h1km, ML2,1/4,76km Wsw of Haines, AK Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Pleasant Camp, Whitehorse, Haines Junctio, etc.

IDC 22 15:40:54.0±0.6, 28.82S×176.54W, h0km, mb4.2/12, mb1.4/4.12, mb1mx4.2/29, mbtmp4.2/12, MS3.6/7, Ms1 3.0/3, ms1mx3.3/26, Error ellipse: s-maj=24.9km s-min=18.0km az=162.0

NEIC 22 15:40:55.6±0.5, 28.94S×176.56W, h10km, mb4.9/2, Error ellipse: s-maj=15.7km s-min=13.5km az=161.0

ISCJB 22 15:40:58.7±0.6, 29.16S×176.8W, 0.1, h36km, mb4.4/15, MS3.8/6, Error ellipse: s-maj=16.0km s-min=10.9km az=19.1

ISC 22 15:40:59.5±0.6, 29.05S×176.6W, 0.1, h36km, n40, c138/35, mb4.5/15, MS3.8/6, 1C-1D, Kermadec Islands region

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Mont Dzumac, Rata Peaks, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Papeete, Charters Tower, etc.

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MA2, ENH, etc.

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

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

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

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

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

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

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

ISCJB 22 16:02:05.4±0.5, 18.34S×178.06W, 0.09, h600km, mb4.3/22, Error ellipse: s-maj=11.7km s-min=10.1km az=43.3

BUI 22 16:02:07.1, 18.30S×178.00W, h622km, mb4.5/6, mb4.9/5 IDC 22 16:02:07.8±1.4, 18.29S×178.05W, h622km, 17km, mb3.1/10, mb1.3/4.12, mb1mx3.2/25, mbtmp4.2/12, Error ellipse: s-maj=19.4km s-min=11.6km az=147.0

NEIC 22 16:02:08.1±0.7, 18.25S×177.97W, h628km, 7km, mb4.6/9, Error ellipse: s-maj=21.4km s-min=10.9km az=144.0

ISC 22 16:02:06.0±0.5, 18.39S×177.94W, 0.09, h600km, mb4.9, c157/79, mb4.5/22, 1D, Fiji Islands region

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

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

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

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

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like BBOO, WB2, etc.

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ASOI, AS31, etc.

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

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

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

ISCJB 22 15:57:24.6±0.6, 6.84N×107.309W, 0.05, h158km, 6km, Error ellipse: s-maj=10.0km s-min=4.4km az=37.8

FUNV 22 15:57:25.5, 6.78N×73.13W, h167km, MW3.0 RNSC 22 15:57:26.3±0.9, 6.79N×73.09W, h150km, 5km, ML3.2

ISC 22 15:57:24.7±1.4, 6.82N×107.309W, 0.05, h160km, 9km, n21, c084/33, 2C-1D, Northern Colombia

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

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

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

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

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

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

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

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

ISCJB 22 15:57:41.5±16.0, 0.32N×126.51E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/4, mbtmp3.6/3, Error ellipse: s-maj=251.4km s-min=166.4km az=159.0, Northern Molucca Sea

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

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

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

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

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

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

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

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

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

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

NIED 22 16:25:00.38,110N,144.40E,h5km,Mw3.5 Best double couple: M=2.18000,1014 NP1.3,21.00000,0.816.00000,1-83.00000. NP2.3,193.00000,0.874.00000,1-92.00000.

JMA 22 16:25:09.7,0.2,38.110N,144.44E,h16km,M3.8,Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include OFUO, JIO, MIYJ, JMK, JOM, JCH, NEM2, JTKR, etc.

MEX 22 16:25:10.0,0.3,17.25N,94.38W,h197km,31km,MD3.7, Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include TGIG, VIO, VHO, TLIG, etc.

IDC 22 16:25:16.9,0.5,38.32N,69.63E,h0km,mb4.4/28, mb1.4,0.34,mb1mx4.5/49,mbtmp4.4/34,ML4.0/6,MS4.0/34, Ms1.4/0.34,ms1mx4.5/49, Error ellipse: s-maj=11.0km s-min=8.6km az=157.0

ISCJB 22 16:25:16.2,1.0,38.46N,0.02,69.61E,0.02,h1km,6km, mb4.7/116,MS4.1/56, Error ellipse: s-maj=5.4km s-min=3.0km az=17.9

NEIC 22 16:25:20.8,1.5,38.52N,69.60E,h21km,10km,mb4.8/45, Error ellipse: s-maj=5.4km s-min=4.0km az=179.0

NEIC Felt at Dushanbe and Muminobod.

MOS 22 16:25:21.0,1.3,38.54N,69.58E,h31km,mb4.9/57, MS4.1/32, Error ellipse: s-maj=5.1km s-min=4.0km az=108.1

BUI 22 16:25:22.5,38.65N,69.93E,h25km,mb4.6/51,mb4.8/36, ML4.9/4,MS4.7/45,MS7.4/34,3

NNC 22 16:25:22.7,5,38.46N,69.33E,h100km,mb4.5,mpv5.0, Error ellipse: s-maj=85.9km s-min=21.5km az=16.0

ISC 22 16:25:20.1,0.4,38.40N,0.04,69.52E,0.03,h17km,2km, h17km;p-P,n345,c2900/365,mb4.7/116,MS4.2/59, 28C-18D,Tajikistan

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include KBL, MNAS, KK31, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include KURK, AKTO, AKTO, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Rows include KIV, KIV, KIV, etc.

Table with columns: INK, Inuvik, 72.21, 9 eP, P, 16 36 42.9 -0.7, etc. Includes stations like WARRAMUNGA ARR, WRA, WRRAB, etc.

ISCJB 22 16:27:09.1, 2.36, 31N, 107.142, 20E, 0.10, h19km, mb3.5/2, MS4.0/1, Error ellipse: s-maj=12.4km

IDC 22 16:27:09.1, 3.7, 36.30N, 142.24E, h0km, mb3.6/2, m1 3.6/4, mb1mx3.3/5.1, mbtmp3.4/4, ML3.3/2, MS3.4/2, Ms1 3.4/2, ms1mx2.6/3.4, Error ellipse: s-maj=88.0km

JMA 22 16:27:10.8, 0.4, 36.31N, 142.21E, h67km, M3.1, ISC 22 16:27:11.8, 1.7, 36.35N, 142.22E, 0.1, h19km, n19, c1503/17, Off east coast of Honshu

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

IDC 22 16:35:36.2, 0.8, 12.87N, 93.12E, h0km, mb3.8/14, mb1 4.0/15, mb1mx3.8/4.1, mbtmp3.8/15, ML4.1/1, Error ellipse: s-maj=27.9km s-min=16.6km az=53.0

ISCJB 22 16:35:39.0, 0.6, 12.99N, 0.08, 93.27E, 0.07, h32km, mb3.9/17, Error ellipse: s-maj=12.6km s-min=9.6km az=149.3

NEIC 22 16:35:43.2, 2.1, 13.00N, 93.25E, h45km, 17m, mb4.4/3, Error ellipse: s-maj=19.7km s-min=9.3km az=49.0

ISC 22 16:35:44.0, 0.8, 12.92N, 0.1, 93.22E, 0.1, h32km, n24, c077/27, mb3.9/17, Andaman Islands region

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

Table with columns: WARRAMUNGA ARR, WRA, WRRAB, etc. Includes stations like WARRAMUNGA ARR, WRA, WRRAB, etc.

IDC 22 17:03:47.8, 1.2, 29.20S, 178.47W, h0km, mb3.6/2, m1 3.9/3, mb1mx3.6/2.2, mbtmp3.7/3, ML3.2/1, MS3.3/1, Ms1 3.3/1, ms1mx2.7/2.7, Error ellipse: s-maj=41.4km s-min=15.7km az=180.0, Kermadec Islands

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

ISCJB 22 17:18:07.8, 0.2, 17.79N, 0.03, 63.03W, 0.03, h111km, 3km, mb4.5/66, Error ellipse: s-maj=5.7km s-min=3.2km az=33.3

TRN 22 17:18:07.5, 17.86N, 62.92W, h106km, MD4.9, TRN Felt Anguilla MMI II, Antigua/Barbuda/ St. Maarten II, NEIC 22 17:18:07.8, 17.85N, 62.93W, h105km, mb4.6/31, MD4.9 (TRN), Alter TRN

NEIC Felt on Anguilla, Antigua, Barbuda, Saint Barthelemy, Saint Christopher and Saint Martin

IDC 22 17:18:09.4, 0.7, 17.66N, 63.14W, h114km, 7km, mb4.1/21, m1 4.3/23, mb1mx4.2/3.7, mbtmp4.5/2.3, Error ellipse: s-maj=11.0km s-min=7.1km az=33.0

ISC 22 17:18:08.9, 0.5, 17.77N, 0.04, 63.04W, 0.04, h107km, 4km, h107km, pP-P, n268, c0875/292, mb4.5/66, 3C, 2D, Leeward Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like HOSN1, HOSN1, HOSN1, etc.

Table with columns: NORC, HELC, ROSC, ATAH, V42A, U42A, X40A, Q43A, V41A, U41A, T41A, S41A, R41A, P42A, U40A, T40A, W39A, Q41A, S40A, V39A, U39A, W38A, T39A, X38A, S39A, P40A, R39A, S38A, W37B, SIV, SIV, L41A, R38A, S35A, Q38A, T37A, X36A, 934A, L40A, WHTX, 034A, LPAZ, K40A, R37A, 434A, 334A, T36A, 933A, S36A, Y34A, 433A, 333A, H40A, 233A, I39A, K38A, M37A, Z33A, Q35A, JCT, JCT, H39A, N36A, I38A, M36A, WMOK, ABTX, ABTX, G37A, J37A, P34A, L35A, SCHO, C39A, Q32A, F36A, C38A, D37A, E36A, CBKS, C37A, A35D, EMTX, S36A, L34A, B35A, TXAR, RUSC, etc.

Table with columns: DL2, Station Name, Frequency, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Frequency, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Dalian, Sakolnajokorn, Khabarovsk, etc.

Table with columns: Station Name, Frequency, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Trinity Center, Callahan, Calhoun, etc.

Table with columns: Station Name, Frequency, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like ARU, ARU, ARU, etc.

MEX 22 17:49:00.0-0.7, 15:27N-92:39W, h128km±18km, MD3.8, Mexico-Guatemala border region. Includes code, station name, azimuth, elevation, phase ID, time, and resolution.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MBWA Marble Bar, DGPR DIGLIPUR, SANI Sanana, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KMBL Kambalda, HCC Hong Kong Obse, MDRS Chennai, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HYB Hyderabad (bro), HYBB Hyderabad, BOK Bokoro, etc.

22d 20h

2011 AUG

Table with columns for call sign, name, frequency, and other parameters. Includes entries like JOW Kunigami, SSE Sheshan, NJ2 Nanjing, MTSU Mount Surprise, etc.

Table with columns for call sign, name, frequency, and other parameters. Includes entries like HHC comp=Z,3um,6.1s, HHC comp=Z,31um,16.6s, BJT Baijiatuu, etc.

Table with columns for call sign, name, frequency, and other parameters. Includes entries like CN2 comp=Z,17um,18.0s, CN2 comp=Z,22um,18.0s, SMDO Samad, etc.

NACGM		eP	P	20 25 07.0	-0.3	KECS	e	20 25 35.0	GKP	comp=Z,5um,21.7s	LMZ	LR	20 25 59.9		
NACGM	comp=Z,6.6nm,0.8s	PM		20 25 09.0		KECS	pmax		GKP	Gorka Kiasztor	93.11 323	eP	P	20 25 32.3	+0.5
NACGM		ePP	PP	20 28 24.0	-1.0	KECS		20 25 20.7	GKP			ePP	S	20 25 45.5	-0.8
NACGM		ePS	SS	20 25 06.1	+1.3	NKCS		20 25 35.0	GKP			ePS	S	20 25 37.3	+1.3
NACGM		eSS	SS	20 25 05.0	-0.4	BUM		20 25 21.4	GKP			eSS	MLR		
NACGM		eSS	SS	20 24 18.0	+4.2	CEME		20 25 21.1	WDD	Wied Dalam	93.25 306	eP	P	20 25 32.5	-0.3
NACGM		eLQ	LR	20 59 11.0		NKME		20 25 21.3	WDD	comp=Z,92nm,1.0s		LR	LR		
NACGM		eLR	LR	21 04 08.0		NIE		20 25 22.2	DPC	comp=Z,3um,21.0s					
NACGM	comp=Z,5.5nm,21.0s	LRM	MLR	21 09 38.0		NIE		20 28 58.0	DPC	Dobruska-Polom	93.36 320	eP	P	20 25 34.7	+1.6
EVR	Ervytania	87.91 309	P	20 25 08.2	+0.2	NIE		20 36 14.6	DPC			eP	P	20 25 44.7	+0.9
EVR	Ervytania	87.91 309	P	20 25 08.2	+0.2	NIE		20 42 17.1	DPC			eP	P	20 25 48.1	+0.5
IDID	Didziasalis	87.99 326	eP	20 25 08.9	+1.0	NIE		20 25 35.5	DPC			eP	P	20 25 47.7	+0.2
IDID			IAMB	20 25 11.8		NIE		20 28 58.0	DPC			eP	P	20 36 08.0	+3.0
CJR	Cluj-Napoca	88.04 317	P	20 25 10.5	+2.1	NIE		20 25 22.1	DPC			eP	P	20 36 38.7	+0.1
CJR	Cluj-Napoca	88.04 317	P	20 25 10.5	+2.1	NIE		20 25 35.5	DPC			eP	P	20 37 44.2	-6.9
PVO	Paravola	88.08 309	P	20 25 09.9	+1.2	NIE		20 28 58.0	DPC			eP	P	20 42 55.1	-0.2
KZN	Kozani	88.17 311	P	20 25 08.4	-0.8	NIE		20 36 14.6	DPC			eP	P	20 51 01.4	+1.0
KZN	Kozani	88.17 311	P	20 25 08.4	-0.8	NIE		20 42 17.1	DPC			eP	P	21 19 00.0	
KZN	Kozani	88.23 339	P	20 25 08.4	-0.8	NIE			DPC			eP	P		
LVZ	Lovozero	88.23 339	P	20 25 08.2	-0.6	NIE			DPC			eP	P		
LVZ			PMAX			NIE			DPC			eP	P		
LVZ			PMAX			NIE			DPC			eP	P		
LVZ	comp=Z,223nm,1.3s			20 25 08.3	-0.6	PSZ		20 25 22.1	DPC			eP	P	20 29 18.3	
LVZ	comp=Z,340nm,1.2s			20 25 08.3	-0.6	PSZ		20 25 22.1	DPC			eP	P	20 36 08.0	
LVZ			LR	20 25 08.3	-0.6	PSZ		20 25 21.9	DPC			eP	P	20 36 38.7	+0.1
LVZ			LR	20 25 08.3	-0.6	PSZ		20 25 21.9	DPC			eP	P	20 42 55.1	-0.2
IIGN	Ignalina	88.29 326	eP	20 25 10.3	+1.0	PSZ		20 25 22.1	DPC			eP	P	20 25 34.3	+0.3
IIGN			IAMB	20 25 12.8		PSZ		20 25 22.1	DPC			eP	P	20 25 48.1	
BMR	Baia Mare	88.30 318	P	20 25 11.3	+1.8	PSZ		20 25 22.1	DPC			eP	P	20 36 08.0	
BMR	Baia Mare	88.30 318	P	20 25 11.3	+1.8	PSZ		20 25 22.1	DPC			eP	P	20 36 38.7	+0.1
PDO	Prodromos	88.34 309	P	20 25 11.1	+1.2	PSZ		20 25 22.1	DPC			eP	P	20 42 55.1	-0.2
DEV	Deva	88.36 316	P	20 25 12.0	+2.2	PSZ		20 25 22.1	DPC			eP	P	20 51 01.4	+1.0
DEV	Deva	88.36 316	P	20 25 12.0	+2.2	PSZ		20 25 22.1	DPC			eP	P	21 19 00.0	
LVV	L'vov	88.38 320	P	20 25 11.5	+1.7	PSZ		20 25 22.1	DPC			eP	P		
LVV			ePP	20 25 24.0	-0.3	PSZ		20 25 22.1	DPC			eP	P		
LVV			eS	20 28 40.0		PSZ		20 28 56.2	DPC			eP	P		
LVV			PMAX	20 35 52.0	-0.9	PSZ		20 36 15.5	DPC			eP	P		
ISAL	Salakas	88.39 326	eP	20 25 10.8	+1.0	PSZ		20 25 22.1	DPC			eP	P		
ISAL			IAMB	20 25 13.7		PSZ		20 25 22.1	DPC			eP	P		
ISAL			IAMB	20 25 13.7		PSZ		20 25 22.1	DPC			eP	P		
DSL	Diala	88.49 309	P	20 25 11.1	+0.4	PSZ		20 25 22.1	DPC			eP	P		
DSL	Diala	88.49 309	P	20 25 11.1	+0.4	PSZ		20 25 22.1	DPC			eP	P		
FNA	Florina	88.55 311	P	20 25 10.7	-0.3	PSZ		20 25 22.1	DPC			eP	P		
FNA	Florina	88.55 311	P	20 25 10.7	-0.3	PSZ		20 25 22.1	DPC			eP	P		
FNA	Florina	88.55 311	P	20 25 10.7	-0.3	PSZ		20 25 22.1	DPC			eP	P		
APA	Apaliti	88.56 339	P	20 25 10.7	-1.2	PSZ		20 25 22.1	DPC			eP	P		
APA			i	20 25 11.0		PSZ		20 25 22.1	DPC			eP	P		
APA			iPPP	20 30 36.0		PSZ		20 25 22.1	DPC			eP	P		
APA			iS	20 35 48.0	-5.9	PSZ		20 25 22.1	DPC			eP	P		
APA			PMAX			PSZ		20 25 22.1	DPC			eP	P		
APA			PMAX			PSZ		20 25 22.1	DPC			eP	P		
APA	comp=Z,75nm,1.2s		MLR	20 25 10.8	+1.0	PSZ		20 25 22.1	DPC			eP	P		
APA			MLR	20 25 13.7		PSZ		20 25 22.1	DPC			eP	P		
BIA	Bitola	88.63 311	P	20 25 11.6	+0.3	PSZ		20 25 22.1	DPC			eP	P		
PENT	Pentalofos	88.63 311	P	20 25 11.6	+0.3	PSZ		20 25 22.1	DPC			eP	P		
DRGR		88.66 317	P	20 25 12.9	+1.6	PSZ		20 25 22.1	DPC			eP	P		
DRGR		88.66 317	P	20 25 12.9	+1.6	PSZ		20 25 22.1	DPC			eP	P		
SKO	Skopje	88.70 312	P	20 25 11.7	+0.1	PSZ		20 25 22.1	DPC			eP	P		
VLS	Valsamata	88.73 308	P	20 25 12.0	+0.2	PSZ		20 25 22.1	DPC			eP	P		
VLS	Valsamata	88.73 308	P	20 25 12.0	+0.2	PSZ		20 25 22.1	DPC			eP	P		
VLS	Valsamata	88.73 308	P	20 25 12.0	+0.2	PSZ		20 25 22.1	DPC			eP	P		
KRUS	Krusevo	88.74 312	P	20 25 12.1	+0.2	PSZ		20 25 22.1	DPC			eP	P		
JAN	Janina	88.77 310	P	20 25 13.4	+1.4	PSZ		20 25 22.1	DPC			eP	P		
JAN	Janina	88.77 310	P	20 25 13.4	+1.4	PSZ		20 25 22.1	DPC			eP	P		
JAN	Janina	88.77 310	P	20 25 13.4	+1.4	PSZ		20 25 22.1	DPC			eP	P		
VSU	Vasula	88.77 329	P	20 25 12.2	+0.8	PSZ		20 25 22.1	DPC			eP	P		
VSU			PMAX			PSZ		20 25 22.1	DPC			eP	P		
VSU			PMAX			PSZ		20 25 22.1	DPC			eP	P		
LKD2	Lefkada island	88.78 309	P	20 25 13.1	+1.1	PSZ		20 25 22.1	DPC			eP	P		
LKD2	Lefkada island	88.78 309	P	20 25 13.1	+1.1	PSZ		20 25 22.1	DPC			eP	P		
MDVR	Moldovita	88.98 315	P	20 25 14.4	+1.5	PSZ		20 25 22.1	DPC			eP	P		
TRPA	Tarpa	89.02 319	P	20 25 14.2	+1.3	PSZ		20 25 22.1	DPC			eP	P		
CHR	Ohrid	89.04 311	P	20 25 13.9	+0.1	PSZ		20 25 22.1	DPC			eP	P		
IGT	Igoumenitsa	89.14 310	P	20 25 14.2	+0.5	PSZ		20 25 22.1	DPC			eP	P		
IGT	Igoumenitsa	89.14 310	P	20 25 14.2	+0.5	PSZ		20 25 22.1	DPC			eP	P		
IGT	Igoumenitsa	89.14 310	P	20 25 14.2	+0.5	PSZ		20 25 22.1	DPC			eP	P		
KWP	Kalvaria Pacla	89.19 320	eP	20 25 15.1	+1.4	PSZ		20 25 22.1	DPC			eP	P		
KWP			ePP	20 25 27.5	-0.7	PSZ		20 25 22.1	DPC			eP	P		
KWP			eS	20 35 59.5	-1.1	PSZ		20 25 22.1	DPC			eP	P		
KWP			eSS	20 41 54.2	-0.8	PSZ		20 25 22.1	DPC			eP	P		
KWP			LMZ	21 14 55.1		PSZ		20 25 22.1	DPC			eP	P		
KWP	comp=Z,5um,18.6s		LMZ	20 25 15.1	+1.4	PSZ		20 25 22.1	DPC			eP	P		
KWP	Kalvaria Pacla	89.19 320	eP	20 25 27.5	-0.7	PSZ		20 25 22.1	DPC			eP	P		
KWP			ePP	20 28 45.0	+0.6	PSZ		20 25 22.1	DPC			eP	P		
KWP			eS	20 35 59.5	-1.1	PSZ		20 25 22.1	DPC			eP	P		
KWP			eSS	20 41 54.2	-0.8	PSZ		20 25 22.1	DPC			eP	P		
KWP			MLR	21 14 55.1		PSZ		20 25 22.1	DPC			eP	P		
BZS	Buzias	89.19 316	P	20 25 15.0	+1.2	PSZ		20 25 22.1	DPC			eP	P		
BZS	Buzias	89.19 316	P	20 25 15.0	+1.2	PSZ		20 25 22.1	DPC			eP	P		
SGD	Sagiada	89.23 310	P	20 25 15.3	+1.2	PSZ		20 25 22.1	DPC						

22d 20h

Table with columns: ID, Name, Value, Unit, Status, Type, Date, Time, and other attributes. Includes entries like Eureka, White River Ci, etc.

2011 AUG

Table with columns: ID, Name, Value, Unit, Status, Type, Date, Time, and other attributes. Includes entries like George, Presque Isle, etc.

1150

Table with columns: ID, Name, Value, Unit, Status, Type, Date, Time, and other attributes. Includes entries like Webster, Bolckow, etc.

WMOK	LR	LR	343A	Art	147.46	39	P	PKPbc	20 32 03.1 +0.5	835A	Beeville	149.94	41	P	PKPbc	20 32 10.7 +1.7	
comp=Z,3um,19.0s			433A	Art	147.46	39	P	PKPbc	20 32 03.1 +0.5	835A	Beeville	149.94	41	P	PKPbc	20 32 10.7 +1.7	
M54A	Oil Creek Stat	144.84	5	P	PKPab	20 31 54.1 -0.2				340A	Bronson	149.96	32	P	PKPbc	20 32 09.7 +0.8	
T37A	Cheneyville 18	144.84	27	P	PKPab	20 31 54.3 0.0				241A	Ho Tay, Goldon	149.97	30	P	PKPbc	20 32 09.9 +1.0	
S38A	Stockton	144.86	25	P	PKPab	20 31 53.8 -0.5				736A	Circle Diamond	149.97	39	P	PKPbc	20 32 11.1 +2.1	
R40A	Maddies Statio	144.95	23	P	PKPab	20 31 54.5 -0.2				TKL	Tuckasches C	149.97	13	PKPbc	PKPbc	20 32 08.8 0.0	
W34A	Golden Eagle	144.96	32	ePKPdf	PKPbc	20 31 55.0 +0.2				439A	Center Grove,	149.98	34	PKPbc	PKPbc	20 32 10.3 +1.4	
Q42A	Golden Eagle	145.03	34	P	PKPbc	20 31 54.9 -0.1				142A	Monroe	150.00	28	P	PKPbc	20 32 09.7 +0.8	
V35A	Meyer Ranch, C	145.03	20	P	PKPab	20 31 55.2 +0.1				538A	Harpers Horsep	150.00	35	P	PKPbc	20 32 11.0 +2.0	
S39A	Bolivar	145.05	24	P	PKPbc	20 31 54.6 -0.5				Z44A	Pea Ridge, Bel	150.04	25	P	PKPbc	20 32 09.8 +0.8	
U36A	Oologah	145.07	28	P	PKPab	20 31 55.3 +0.1				637A	Eagle Lake	150.08	37	P	PKPbc	20 32 11.2 +2.0	
YLE	Yale	145.08	356	ePKPdf	PKPbc	20 31 53.9 -1.1				143A	Socs Landing,	150.12	27	P	PKPbc	20 32 09.8 +0.6	
X33A	Lawton	145.09	34	P	PKPbc	20 31 55.0 -0.3				Y46A	Houston	150.13	22	P	PKPbc	20 32 09.3 +0.1	
P44A	Sand Creek, Wi	145.12	17	P	PKPab	20 31 55.3 0.0				034A	Hebronville	150.17	44	P	PKPbc	20 32 11.5 +2.0	
T38A	Diamond	145.19	26	P	PKPbc	20 31 55.3 -0.2				Z45A	Winona	150.26	24	P	PKPbc	20 32 10.2 +0.7	
Q43A	New Douglas	145.28	19	P	PKPbc	20 31 55.7 -0.1				242A	Grayson	150.31	28	P	PKPbc	20 32 10.5 +0.8	
R41A	Rosebud	145.28	21	P	PKPbc	20 31 55.7 -0.1				LVC	Limon Verde	150.39	193	PKP	PKPdf	20 32 06.9 +1.5	
TXAR	Lajitas Array	145.31	45	PKPbc	PKPdf	20 31 57.1 +0.6				LVC	comp=Z,319nm,1.0s,baz=71,slow=1.5,SNR=4.3			PKPbc	PKIKP	20 32 12.0 +0.5	
U37A	Salina	145.34	28	P	PKPbc	20 31 56.1 0.0				LVC	comp=Z,519nm,0.9s,baz=250,slow=1.2,SNR=59			PKPbc	PKP	20 35 56.4 +12	
N54A	Moraine State	145.36	5	P	PKPbc	20 31 55.9 -0.1				LVC	comp=Z,189nm,1.2s,baz=147,slow=5.9,SNR=5.9			PKPbc	PKPdf	20 32 06.9 +1.5	
X34A	Smith Ranch, M	145.41	33	P	PKPab	20 31 56.7 +0.2				LVC	Limon Verde	150.39	193	PKP	PKPdf	20 32 11.9 +0.4	
Y33A	Hilltop Ranch,	145.42	34	P	PKPbc	20 31 56.3 0.0				LVC	Limon Verde	150.39	193	PKP	PKPdf	20 32 12.0 +0.5	
TUL1	Leonard	145.43	29	P	PKPab	20 31 56.5 -0.1				LVC	Limon Verde	150.39	193	PKP	PKPdf	20 35 56.4 +12	
TUL1	Leonard	145.43	29	ePKPdf	PKPbc	20 31 56.1 -0.2				comp=Z,4um,20.0s	KVTV	Kingsville	150.39	42	ePKPbc	PKPbc	20 32 12.0 +1.9
V36A	Jenks	145.45	29	P	PKPab	20 31 56.5 -0.1				KVTV	comp=Z,4um,19.0s			PKPbc	PKPbc	20 32 11.1 +1.1	
S40A	Lebanon	145.46	23	P	PKPbc	20 31 56.2 -0.2				341A	Kurthwood	150.40	31	P	PKPbc	20 32 11.1 +1.1	
W35A	Tecumseh	145.49	31	P	PKPbc	20 31 56.7 +0.1				440A	Kirbyville	150.45	33	P	PKPbc	20 32 11.4 +1.3	
R42A	Luebbering	145.50	21	P	PKPdf	20 31 56.4 0.0				Y47A	UCPARC, Winfie	150.47	20	P	PKPbc	20 32 09.7 -0.4	
Q44A	Meyer Farm, Va	145.53	18	P	PKPbc	20 31 56.6 +0.1				737A	Port Lavaca	150.50	39	P	PKPbc	20 32 12.6 +2.4	
T39A	Cleaver	145.60	25	P	PKPbc	20 31 56.8 0.0				539A	Cross D Ranch,	150.53	34	P	PKPbc	20 32 12.4 +2.2	
U38A	Gravette	145.65	27	P	PKPdf	20 31 56.8 0.0				144A	Alexander Plac	150.60	25	P	PKPbc	20 32 11.2 +0.8	
ACSO	Alum Creek Sta	145.69	10	ePKPdf	PKPdf	20 31 56.5 -0.2				638A	Rosharon	150.62	36	P	PKPbc	20 32 12.6 +2.1	
ACSO	Alum Creek Sta	145.69	10	ePKPdf	PKPdf	20 31 56.5 -0.2				035A	Enrico	150.65	43	P	PKPbc	20 32 11.6 +2.0	
comp=Z,4um,22.0s			534A	Blanco	148.35	39	P	PKPbc	20 32 05.3 +0.3	Z46A	Louisville	150.71	23	P	PKPbc	20 32 11.2 +0.5	
V37A	Hulbert	145.76	28	P	PKPbc	20 31 57.3 0.0				243A	Waterproof	150.77	28	P	PKPbc	20 32 11.4 +0.6	
S41A	Jillico Farms,	145.76	23	P	PKPbc	20 31 57.2 -0.2				342A	Flagon Creek P	150.79	30	P	PKPbc	20 32 12.2 +1.3	
R43A	Red Bud	145.80	20	P	PKPdf	20 31 57.0 +0.1				145A	Houston Renfro	150.84	25	P	PKPbc	20 32 11.8 +0.8	
ABTX	Ablene, Hawle	145.82	37	P	PKPab	20 31 58.4 +0.2				441A	DeRidder	150.86	32	P	PKPbc	20 32 12.4 +1.4	
SBTX	Ablene, Hawle	145.82	37	P	PKPab	20 31 57.9 +0.1				540A	Vidor	150.86	33	P	PKPbc	20 32 13.4 +2.4	
ABTA	Standing Stone	145.83	3	ePKPdf	PKPdf	20 31 56.8 -0.2				936A	North Padre Is	150.86	42	P	PKPbc	20 32 13.2 +2.1	
W60A	Wetumka	145.83	30	P	PKPbc	20 31 57.6 0.0				VBMS	Vicksburg	150.92	26	P	PKPbc	20 32 11.9 +0.7	
T43A	Mansfield	145.84	24	P	PKPdf	20 31 57.2 +0.1				738A	Car Stevens R	150.93	37	P	PKPbc	20 32 13.4 +2.2	
Z33A	Whitaker Ranch	145.87	35	P	PKPab	20 31 58.3 0.0				KMSC	Kings Mountain	150.93	9	P	PKPbc	20 32 11.1 0.0	
Y34A	Reagan Ranch,	145.94	33	P	PKPbc	20 31 58.0 0.0				KMSC	Kings Mountain	150.93	9	ePKPdf	PKPdf	20 32 05.7 +0.3	
S42A	Caledonia	145.96	21	P	PKPdf	20 31 57.5 +0.3				035Z	Hartill	150.98	44	P	PKPbc	20 32 13.7 +2.2	
X35A	Drake	146.02	32	P	PKPbc	20 31 57.9 -0.3				244A	Avery, Jackson	151.00	26	P	PKPbc	20 32 11.9 +0.6	
U39A	Green Forest	146.10	26	P	PKPdf	20 31 57.8 +0.2				Z47A	Carrollton	151.03	21	P	PKPbc	20 32 11.4 0.0	
R44A	Waltonville	146.10	19	P	PKPdf	20 31 57.9 +0.4				Z48A	Northport	151.05	20	P	PKPbc	20 32 11.2 -0.2	
V38A	Canehill	146.12	27	P	PKPdf	20 31 57.9 +0.3				146A	Union	151.16	23	P	PKPbc	20 32 12.5 +0.8	
O56A	Blue Knob Stat	146.16	4	P	PKPbc	20 31 58.6 0.0				CNNC	Cliffs of the	151.20	3	PFake	LR	20 32 20.0 +0.6	
X36A	Centrahoma	146.21	31	P	PKPbc	20 31 58.7 -0.1				comp=Z,5um,20.0s				PKPbc	20 32 12.7 +0.9		
W37B	Quinton	146.22	29	P	PKPbc	20 31 58.5 -0.3				343A	Vidalia	151.29	29	P	PKPbc	20 32 13.6 +1.5	
T41A	Mountain View	146.23	23	P	PKPbc	20 31 58.4 -0.4				442A	Mamou	151.27	30	P	PKPbc	20 32 13.6 +1.5	
133A	Hamilton Ranch	146.27	36	P	PKPab	20 31 59.5 -0.3				245A	Little AP, Sta	151.34	25	P	PKPbc	20 32 12.8 +0.6	
Z34A	Collier Ranch,	146.29	34	P	PKPbc	20 31 59.1 0.0				541A	Lake Charles	151.40	32	P	PKPbc	20 32 14.3 +1.9	
Y35A	Marietta	146.37	33	P	PKPbc	20 31 58.7 -0.5				147A	Livingston	151.43	22	P	PKPbc	20 32 12.8 +0.5	
U40A	Yellville	146.38	25	P	PKPbc	20 31 58.8 -0.5				344A	Westbrook Farm	151.47	27	P	PKPbc	20 32 13.5 +1.0	
S43A	Fulton Ridge,	146.39	20	P	PKPbc	20 31 58.6 -0.6				LRAL	Lakeview Retre	151.55	20	ePKPdf	PKPdf	20 32 06.5 +0.1	
V39A	Pettigrew	146.48	26	P	PKPdf	20 31 58.9 +0.6				443A	Delano Plantat	151.56	29	P	PKPbc	20 32 14.0 +1.3	
S44A	Carbondale	146.55	19	P	PKPbc	20 31 59.4 -0.3				542A	Morse	151.59	31	P	PKPbc	20 32 15.1 +2.1	
Z35A	Perchaven, San	146.68	34	P	PKPbc	20 31 59.9 -0.3				247A	Quitman	151.85	23	P	PKPbc	20 32 14.4 +1.1	
X37A	Clayton	146.69	30	P	PKPbc	20 32 00.0 -0.2				345A	Thompson Farm,	151.91	26	P	PKPbc	20 32 14.4 +0.9	
233A	Rising Star	146.70	37	P	PKPab	20 32 01.4 -0.1				BBSR	BB Station	152.05	339	ePKPbc	PKPbc	20 32 13.9 +0.2	
W38A	Poteau	146.72	28	P	PKPbc	20 32 00.3 +0.1				comp=Z,4um,21.0s				PKPbc	20 32 07.6 +0.8		
T43A	Greenville	146.75	21	P	PKPbc	20 31 60.0 -0.3				543A	St. Martinville	152.07	30	P	PKPbc	20 32 14.6 +0.8	
Y36A	Durant	146.77	32	P	PKPbc	20 31 59.7 -0.8				346A	Big Creek Wild	152.09	25	P	PKPbc	20 32 14.5 +0.7	
U41A	Viola	146.78	24	P	PKPbc	20 32 00.4 0.0				444A	Pine Grove	152.09	28	P	PKPbc	20 32 15.3 +1.4	
134A	White-Moore Ra	146.78	35	P	PKPbc	20 32 00.3 -0.2				248A	Dixon Mills	152.14	22	P	PKPbc	20 32 14.8 +0.9	
S45A	Carrier Mills	146.78	18	P	PKPbc	20 32 00.4 0.0				GOGA	Godfrey	152.20	13	ePKIKP	PKPdf	20 32 07.8 +0.4	
V40A	Witts Springs	146.87	26	P	PKPbc	20 32 00.3 -0.4				GOGA	Godfrey	152.20	13	ePKPdf	PKPdf	20 32 07.8 +0.4	
X38A	Whitesboro	146.89	29	P	PKPbc	20 32 00.9 +0.1				445A	Amite	152.26	27	P	PKPbc	20 32 15.4 +1.1	
WCI	Wyandotte Cave	146.92	15	ePKPdf	PKPdf	20 31 59.1 +0.2				544A	White Castle	152.40	29	P	PKPbc	20 32 15.4 +0.8	
WCI	Wyandotte Cave																

ms1mx3.8/33, Error ellipse: s-maj=1087.0km s-min=160.4km az=81.0, Fijii Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
AFI	Afiamalau	8.77 53	LR	20 36 26.0	
STKA	Stephens Creek	37.46 243	P	20 38 49.6	-0.5
WRA	Warramunga Arr	43.83 261	P	20 39 43.0	+0.1
ASAR	Alice Springs	43.87 256	P	20 39 43.2	-0.1
JOW	Jonngami	66.67 310	LR	21 06 13.5	

JMA 22 20:56:35.0 0.1, 24.19N, 121.64E, h36km, 1km, M1.9
 ISCJB 22 20:56:36.3 0.3, 24.25N, 0.02, 121.75E, 0.02, h26km, 2km,
 Error ellipse: s-maj=3.6km s-min=2.2km az=41.6
 TAP 22 20:56:36.3 2.4 27N, 121.67E, h22km, ML2.9, C
 ISC 22 20:56:34.8, 1.0, 24.23N, 0.02, 121.78E, 0.02, h13km, 9km,
 n46, c075/83, Taiwan

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
ENA	Nanau	0.20 351	iP	20 56 42.0	+1.5
ENA	chiawen		S	20 56 46.5	+2.3
TWD	Taiwan	0.22 228	P	20 56 41.7	+1.0
TWD	baz=197		S	20 56 46.3	+1.7
HWA	Hwalien	0.29 212	eP	20 56 43.2	+1.3
HWA	baz=189		eS	20 56 49.8	-1.2
TWC	Suao	0.39 10	P	20 56 44.8	-1.4
TWC	baz=27		S	20 56 51.1	+1.7
NNS	Nan Shan	0.42 300	P	20 56 43.9	-0.4
NNS	baz=302		S	20 56 50.0	+0.9
ENTT	Nioudou	0.45 335	P	20 56 44.9	+0.1
ENTT	baz=346		S	20 56 51.2	-0.2
WHF	Hehuan Shan	0.47 260	P	20 56 45.0	-0.3
WHF	baz=250		S	20 56 51.1	+0.4
TWE	Neicheng	0.50 349	eP	20 56 45.8	+0.3
TWE	baz=1.0		eS	20 56 52.6	-0.2
ESL	Shilin	0.52 217	eP	20 56 46.4	+0.7
ESL	baz=204		eS	20 56 54.5	+1.3
TWT	Tachien	0.55 273	eP	20 56 46.1	+0.4
TWT	baz=267		eS	20 56 53.5	+0.6
NSK	Sanguang	0.59 320	P	20 56 46.6	+0.3
NSK	baz=325		S	20 56 54.0	-0.1
EGS	EGS	0.63 13	eP	20 56 48.9	-0.6
EGS	baz=23		eS	20 56 58.9	-0.6
TWB1	Santiao Chiao	0.80 14	eP	20 56 51.5	-0.3
TWB1	baz=22		eS	20 57 02.8	-0.8
NSTT	Nanjuang	0.81 300	eP	20 56 50.4	-0.1
NSTT	baz=300		eS	20 57 00.5	-0.7
EHY	Hungye	0.83 210	eP	20 56 52.6	+0.4
EHY	baz=202		eS	20 57 04.3	0.0
NWF	Wu-fen Shan	0.84 0	eP	20 56 52.0	-0.5
NWF	baz=7.0		eS	20 57 03.2	+0.6
TAP1	Taipei	0.84 344	eS	20 57 02.0	-0.1
TAP1	baz=349		eS	20 57 02.7	+0.1
TAP1	Taipei	0.84 343	eS	20 57 02.0	-0.1
SMLT	Sun Moon Lake	0.87 247	eP	20 56 52.2	+0.4
SMLT	baz=240		eS	20 57 01.8	-1.3
TYC	Yuchr	0.90 249	eP	20 56 53.1	-0.1
TYC	baz=243		eS	20 57 04.5	+0.3
NCU	National Centr	0.91 324	eS	20 57 05.6	+0.9
NCU	baz=328		eS	20 57 05.6	+0.9
TWQ1	Liyutan	0.92 278	eP	20 56 53.0	+0.3
TWQ1	baz=275		eS	20 57 04.2	-0.5
TWS1	Kuangyinshan	0.93 340	eP	20 56 52.0	-0.8
TWS1	baz=344		eS	20 57 05.3	+0.2
HSN	Hsinchu	0.93 308	eS	20 57 05.9	+0.8
NSY	Sanyi	0.94 282	eS	20 57 06.4	+0.9
TWF1	Yuli	0.97 207	eP	20 56 54.0	-0.2
TWF1	baz=199		eS	20 57 07.2	-0.8
TCU	Taichung	1.01 266	eS	20 57 07.8	+0.4
TCU	baz=262		eS	20 56 54.9	-0.4
YUS	Yu-Shan	1.05 226	eP	20 57 08.2	-0.8
YUS	baz=219		eS	20 56 56.1	+0.3
JYNG	Yongunijimaku	1.09 78	P	20 57 12.0	+1.2
JYNG	baz=225		S	20 56 56.4	-0.2
ALS	Alishan	1.14 231	eP	20 57 11.2	-0.2
ALS	baz=225		eS	20 57 11.2	-0.2
YOJ	Yongunji jima	1.15 78	P	20 56 56.9	-0.1
YOJ	baz=226		S	20 57 12.9	+0.6
CHKT	Chengkung	1.18 199	eP	20 56 58.1	+0.5
CHKT	baz=193		eS	20 57 14.4	+1.3
CHN5	Tsauling	1.18 238	eP	20 56 57.6	0.0
CHN5	baz=233		eS	20 57 12.6	+0.1
ELDTW	Lidau	1.25 214	eP	20 56 57.4	-0.7
ELDTW	baz=208		eS	20 57 13.3	-1.0
CHN4	Tsashan	1.39 231	eP	20 57 01.0	+0.3
CHN4	baz=227		eS	20 57 18.1	-0.1
STYT	Tauyuan	1.41 222	eP	20 57 00.6	-0.5
STYT	baz=216		eS	20 57 18.8	-0.1
WTP	Ta-pu	1.44 228	eP	20 57 01.2	-0.4
WTP	baz=223		eS	20 57 19.5	-0.1
TWK	Hsiyning	1.52 231	eP	20 57 02.9	0.0
TWK	baz=226		eS	20 57 22.1	0.0
WSF	Szhu	1.54 248	eS	20 57 21.1	-0.7
WSF	baz=244		Pg	20 57 04.1	-0.4
Pinlang	Pinlang	1.54 205	eP	20 57 22.9	+0.2
Pinlang	baz=200		eS	20 57 22.9	+0.2
Pinlang	baz=200		eS	20 57 22.9	+0.2

CHN1	Nanshi	1.54 228	eP	Pb	20 57 03.0	-0.3
CHN1	baz=224		eS	Sn	20 57 22.0	0.0
SGST	Jiashan	1.58 224	eS	Sn	20 57 23.2	+0.3
IRIF	Kriomoto-Funau	1.79 86	P	Pb	20 57 05.5	+0.1
JKRS	Kuro-shima	2.04 89	P	Pb	20 57 09.9	-1.9
JKRS	Ishigaki jima	2.17 86	S	Sn	20 57 34.4	+0.2
JUJ	Ishigaki jima	2.17 86	S	Sn	20 57 10.9	+0.3
JISG	Ishigakijimahi	2.34 81	P	Sn	20 57 13.2	+0.2
JISG			eS	Sn	20 57 42.1	+0.5

ISCJB 22 21:08:58.9 0.6, 35.67N, 0.04, 140.86E, 0.08, h51km, 4km, mb3, 7/10, Error ellipse: s-maj=10.5km s-min=6.2km az=163.9

JMA 22 21:09:00.0 0.1, 35.69N, 140.72E, h44km, 1km, M3.5
 Broadband fault plane solution: P waves. NP1:
 P: 0.354, 0.0000°, 0.378, 0.0000°, 0.888, 0.0000°. NP2:
 P: 0.185, 0.0000°, 0.512, 0.0000°, 0.101, 0.0000°. Principal axes:
 T: P1g57.0000°, Azm261.0000°, N: P1g2.0000°, Azm35.0000°, P: P1g33.0000°, Azm62.0000°;

JMA Felt J1,
 IDC 22 21:09:02.0 0.2, 35.62N, 140.61E, h60km, 21km, mb3.4/10,
 mb1 3.6/13, mb1mx3.4/48, mbtmp3.7/13, ML3.1/3 Error
 ellipse: s-maj=34.2km s-min=1.1, 4km az=80.0
 ISC 22 21:09:00.5 0.8, 35.58N, 0.04, 140.82E, 0.07, h46km, 7km,
 m32, -152/31, mb3.7/10, 4D, Near east coast of eastern
 Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
CHOU	Chosi	0.04 54	P	21 09 07.0	-0.7
CHOU	Chouj	0.56 243	S	21 09 12.5	-0.3
JCN	Nagato	0.56 318	UP	21 09 11.7	-0.8
JYT	Yasato	0.75 318	eP	21 09 13.3	-1.4
JYT			eS	21 09 23.3	-1.7
BSO4	Boso 4	0.79 210	P	21 09 14.5	-0.7
BSO3	Boso 3	0.91 196	P	21 09 16.0	-0.6
JHO	Hitachi	0.95 348	UP	21 09 16.9	-0.6
BSO1	Songino Array	1.03 379	P	21 09 18.0	0.0
JAG	Ashikaga	1.33 304	P	21 09 21.1	-1.6
JOD2	Odawara 2	1.47 254	UP	21 09 23.2	-1.3
JIM2	Oshima 3	1.48 230	P	21 09 22.5	-2.2
MJAR	Matsushiro Arr	2.28 293	P	21 09 35.3	-0.4
MJAR	22nm, 0.3s, baz=96, slow=14, SNR=103		S	21 10 04.5	+2.0
MAT	Matsushiro	2.28 293	P	21 09 35.6	-0.1
MAT	13nm, 0.3s, baz=163, slow=26, SNR=9.3		S	21 10 05.6	+3.0
JHJ	Hachioji jima	2.69 199	P	21 09 40.8	-0.5
JHJ	24nm, 0.3s, baz=338, slow=18, SNR=32		S	21 10 12.4	-0.1
KSR5	Korea Array	10.52 283	P	21 11 31.5	+2.9
USRK	Ussuriysk Ar	10.87 324	P	21 11 34.9	+1.5
H112	WAKE ISLAND Hy 27.91 118	T	T	21 44 04.4	
H111	WAKE ISLAND Hy 27.91 118	T	T	21 43 50.9	
H113	WAKE ISLAND Hy 27.93 118	T	T	21 44 07.1	
SONM	Songino Array	28.17 306	P	21 14 47.4	-1.1
H113	WAKE ISLAND Hy 28.57 120	T	T	21 44 42.0	
H115	WAKE ISLAND Hy 28.57 120	T	T	21 44 40.6	
H112	WAKE ISLAND Hy 28.58 120	T	T	21 44 43.3	
ZALV	Zalesovo Beam	42.48 313	P	21 16 50.8	-0.1
ILAR	Eielson Array	50.00 32	P	21 17 57.8	+1.3
WRA	Warramunga Arr	55.65 187	P	21 18 31.0	-0.9
ASAR	Alice Springs	59.38 187	P	21 18 58.2	+0.1
FINES	FINESS Array B	69.79 332	P	21 20 04.8	-0.7
AKAS	Kalinin Array Be	75.07 322	P	21 20 36.5	-0.7
NB2	NORSAR Subarra	75.25 337	P	21 20 38.0	-0.1
NOA	NORSAR Array B	75.25 337	P	21 20 38.0	-0.1
BRTR	Keskin Array B	79.39 311	P	21 21 02.6	+0.8
GERES	GERESS Array B	83.61 328	P	21 21 23.0	-0.9
GERES	comp=Z, 0.2nm, 0.6s, baz=53, slow=5.2, SNR=3.5				

KRSC 22 21:14:21.1 14.2 1.1, 50.336N, 160.64E, h52km, 14km, ML3.5,
 Near east coast of Kamchatka Peninsula

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
SPN	Mys Shipunski	0.45 236	eP	21 11 33.6	+0.9
SPN			eS	21 11 33.6	+0.9
KIL	Karymskiy	0.98 314	eP	21 11 33.2	+1.4
KIL			eS	21 11 45.6	+0.9
SDLR	Sedlovina	1.06 267	eP	21 11 34.6	+1.8
UGLR	Uglovaya	1.10 263	eP	21 11 35.9	+2.1
UGLR			eS	21 11 48.7	+1.1
SMAR	Somma	1.11 266	eP	21 11 34.9	+1.3
KRER	Koryakskii	1.14 268	eP	21 11 35.9	+2.0
KRER			eS	21 11 49.2	+0.6
AVH	Avacha	1.15 266	eP	21 11 36.1	+2.2
AVH			eS	21 11 49.4	+0.8
DALK	Dalny	1.18 255	eP	21 11 36.2	+1.9
DALK			eS	21 11 50.2	+0.9
KRX	Arik	1.20 271	eP	21 11 36.1	+1.4
KRX			eS	21 11 49.7	-0.2
KOK	Koryak	1.21 268	eP	21 11 36.5	+1.7
MKZ	Mys Kozlova	1.36 28	eS	21 11 35.5	+2.7
MKZ			eS	21 11 55.5	+1.8
RUS	Russkaya	1.59 235	eP	21 11 42.1	+2.3
RUS			eS	21 12 00.1	+0.9
KRMR	Karymskiy	1.60 252	eP	21 11 42.5	+2.5
KRMR			eS	21 12 01.3	+1.7
GNL	Ganally	1.65 283	eP	21 11 43.3	+2.5
MTRV	Mutnovka	1.73 241	eP	21 11 44.5	+2.6
MTRV			eS	21 12 04.2	+1.4
ASAK	Asacha	1.93 241	eP	21 11 47.7	+3.1
ASAK			eS	21 12 11.4	+3.8
APAC	Apache	2.14 260	eP	21 11 50.2	+2.9
KMNR	Kamenistaya	2.42 355	eP	21 12 10.7	+2.9
BKI	Bering	3.63 57	eP	21 12 49.6	+0.3
BKI			eS	21 12 49.6	+0.3

IDC 22 21:14:20.1 2.0, 7.60S, 117.91E, h0km, mb3.8/6,
 mb1 4.0/7, mb1mx3.7/37, mbtmp3.8/7, ML3.5/1, Error
 ellipse: s-maj=85.0km s-min=14.7km az=59.1
 ISCJB 22 21:14:21.9 0.3, 7.84S, 117.92E, h2km, h33km,
 mb4.4/11, Error ellipse: s-maj=4.9km s-min=3.1km az=3.0
 NEIC 22 21:14:22.8 2.2, 7.95S, 117.42E, h27km, mb4.5/10,
 Error ellipse: s-maj=8.9km s-min=6.3km az=208.0
 DJA 22 21:14:24.4 0.3, 8.54S, 117.91E, h63km, 11km, M4.6/12,
 ML4.6/12

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
PLAI	Plampang	0.98 167	eP	21 14 11.1	+0.2
PLAI			S	21 14 55.0	+1.4
TWSI	Taliwang, Sumb	1.10 218	P	21 14 42.1	-0.4
TWSI			S	21 14 55.8	-0

22d 22h

Table with columns: PRU, Phunioche, 2.78 268 ePN, Pn, 21 41 06.6 -1.7, etc.

IDC 22:21:47:58.7±4.0, 18.52Sx167.68E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.5/25, mb1mtp3.5/4, ML2.9/1, Error ellipse: s-maj=86.9km s-min=43.5km az=101.0, Vanuatu Islands

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

WEL 22:22:01:58.9±0.3, 36.87Sx176.60E, h220km, g3km, ML3.7/17, 3C, Error ellipse: s-maj=6.9km s-min=5.2km az=90.0, Off east coast of North Island

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

NIED 22:22:04:00:37.20N:141.00E, h44km, Mw4.3 Best double couple: M2.77000x1015 NP1.8x173.00000, 817.00000, lambda.7000000. NP2.8x170.00000, 880.00000, lambda.10400000. ISCJB 22:22:04:50.3±0.4, 37.18N:140.02E:141.03E:0.04, h55km, 2km, mb4.5/49, MS4.6/1, Error ellipse: s-maj=5.9km s-min=3.5km az=18.2

JMA Felt II, J1, NEIC 22:22:04:51.6±0.7, 37.21N:140.96E, h50km, 1km, M4.2, Error ellipse: s-maj=7.4km s-min=5.4km az=123.0

NEIC Recorded 13 JMA1 in Fukushima. IDC 22:22:04:53.4±2.1, 37.22N:140.82E, h66km, 1.8km, mb4.1/20, mb1 4.2/24, mb1mx4.1/38, mb1mtp4.4/24, MS3.8/2, mb1 3.8/2, ms1mx3.2/47, Error ellipse: s-maj=17.0km s-min=12.5km az=90.0

ISC 22:22:04:51.3±0.6, 37.18N:140.04:141.06E:0.06, h51km, 6km, n129, s119/144, mb4.5/52, 14C-11D, Near east coast of eastern Honshu

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

2011 AUG

Main table with columns: MJAR, MAJO, Matsuhiro, Matsushiro, Matsu-Tunnel, Hachijo jima 2, etc.

1154

Table with columns: BZS, Buzias, 81.19 322, iJP, P, 22 17 01.1 -0.4, etc.

NIED 22:22:01:00:36.70N:141.20E, h14km, Mw3.7 Best double couple: M4.32000x1014 NP1.8x70.00000, 858.00000, lambda.2.000000. NP2.8x161.00000, 889.00000, lambda.148.00000. ISCJB 22:22:11:01.4±1.3, 36.62N:140.41:141.32E:0.07, h7km, 6km, mb3.5/2, Error ellipse: s-maj=9.3km s-min=6.2km az=177.3

IDC 22:22:11:03.1±0.5, 2.657N:141.24E, h0km, mb3.6/2, mb1 3.6/4, mb1mx3.4/42, mb1mtp3.6/4, ML3.2/2, Error ellipse: s-maj=43.1km s-min=25.6km az=59.0

JMA 22:22:11:04.9±0.1, 36.69N:141.13E, h29km, 1km, M3.6, JMA Felt II, J1

ISC 22:22:11:01.9±2.2, 36.63N:140.05:141.27E:0.08, h2km, 13km, n17, s122/20, Near east coast of eastern Honshu

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

ISCJB 22:22:18:49.2±0.4, 18.28S:104.07:177.96W:0.07, h600km, mb4.9/71, Error ellipse: s-maj=8.6km s-min=5.7km az=176.0

BJJ 22:22:18:50.9±1.8, 30S:177.70W, h630km, mb4.7/18, MB4.9/15

IDC 22:22:18:51.7±1.5, 18.27S:104.07:177.97W, h614km, 1.7km, mb3.4/9, mb1 3.6/11, mb1mx3.4/33, mb1mtp4.5/11, Error ellipse: s-maj=17.1km s-min=14.0km az=115.0

NEIC 22:22:18:52.0±0.6, 18.34S:178.01W, h621km, 7km, mb5.0/54, Error ellipse: s-maj=9.7km s-min=7.3km az=97.0

ISC 22:22:18:50.4±0.4, 18.32S:106.177.99W:0.07, h600km, n215, s143/234, mb5.0/71, 17C-7D, Fiji Islands region

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

22d 22h

Table with columns for call sign, name, frequency, power, and other technical details. Includes call signs like INK, YKW3, YKA, etc.

2011 AUG

Table with columns for call sign, name, frequency, power, and other technical details. Includes call signs like RSSD, IKP, PDMCI, etc.

1156

Table with columns for call sign, name, frequency, power, and other technical details. Includes call signs like L37A, G40A, MNXX, etc.

Moment Tensor Solution. s21.c22: s83.c114: Duration: 0. Moment tensor: Scale 10^16Nm; Mr=2.48; 16; Mw=0.12; 0.9; Mw=2.36; 1.2; Mw=0.06; 1.2; Mw=0.50; 0.7; Mw=0.93; 2.5; Best double couple: Mc2.64300x10^16 NP1.353.00000; s55.00000; l-84.00000; NP2: 0.163.00000; s35.00000; l-99.00000; Principal axes: T 2.6250, P1g10.0000; Azm79.0000; N 0.0340, P1g5.0000; Azm170.0000; P -2.6600, P1g79.0000; Azm286.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 22 23:30:20.2-0.6,37.04N,0.02-104.93W,0.02,h12km,5km, 1763,r1165/796,mb4.8/57,MS4.3/33,3C-5D, Colorado

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

Table with columns: WMOK, Wichita Mount, WMOK, Wichita Mount, WMOK, Wichita Mount, S33A, Kaszmaul Farm, W33A, Caddo, Fort Co, MNTX, Coturnus Mount, MNTX, MNTX, MNTX, Cornudas Mount, P17A, Butcher Ranch, P32A, Huiting Farm, R33A, Olander Ranch, X33A, Lawton, TMUT, Trail Mountain, WUAZ, Wupatki, WUAZ, Wupatki, Q33A, Connelly Farm, U34A, Anderson Ranch, U34A, Anderson Ranch, Y33A, Hilltop Ranch, K22A, Casper, W34A, Bridge Creek, W34A, Guthrie, V34A, Guthrie, V34A, McClaskey Farm, T34A, Williams Farm, R34A, Isabella, Hill, ABTX, Abilene, Hawle, ABTX, Abilene, Hawle, S34A, Willow Spring, X34A, Smith Ranch, M, MTPU, Mount Pierson, Z33A, Whitaker Ranch, X16A, Lo Mia Camp, P, PKCU, Pink Cliffs, P, MSU, Marysvale, MSU, Marysvale, U15A, North Rim, O33A, Hebron, Q34A, Chapman, U35A, Pawnee, Y34A, Reagan Ranch, JLU, Jonelle, V35A, Meyer Ranch, C, 133A, Hamilton Ranch, T35A, Soor Cattle, NLU, North Lily Min, KNB, Kanab, KNB, Kanab, W35A, Tecumseh, Z34A, Collier Ranch, P34A, Walnut Farm, R, S35A, Outer Creek, R, KSU1, Kansas State U, KSU1, Kansas State U, BGNE, Belgrade, BGNE, Belgrade, N33A, J B K, Exete, SZCU, Shurtz Canyon, X35A, Drake, R35A, Emporia Municipi, 319A, Douglas, B006, Boulder Array, PD31, Pinedale Array, PD31, Pinedale Array, PDAR, Pinedale Array, PDAR, Rising Star, LCMT, Little Creek M, TUC, Tucson, TUC, Tucson, Y35A, Marietta, O34A, Cedar City, 134A, White-Moore Ra, T36A, Boggs Farm, Ca, Q35A, Mercer Eighty, HWUT, Hardscore Ranch, W36A, Wetumka, Z35A, Perchaven, San, RSSD, Black Hills, RSSD, Black Hills, RSSD, Black Hills, Y36A, Jenks, L32A, Elgin, DUG, Dugway, Tooele, DUG, Dugway, Tooele, X36A, Cottonoma, U36A, Oologah, K31A, O'Neill, TUL1, Leonard, TUL1, Leonard, P35A, Duane Minner, 234A, Clairette, R36A, Gordon, Harris, 333A, Richland Sprin, N34A, Lincoln

Table with columns: SPUT, South Promonto, 135A, Vickery Place, LTU, Little Mountai, Q36A, Arnold C. Orve, Y36A, Durant, AHID, Auburn Hatcher, K32A, Verdgre, BGU, Big Grassy Moun, H25A, Fruitdale, L33A, Hoskins, U37A, Salina, JCT, Junction City, JCT, Junction City, W37B, Junction City, Z36A, Blue Ridge, J31A, Geddes, TX31, Lajitas Ar. Si, LTJ, Lajitas, LTJ, Lajitas, TXAR, Lajitas Array, TXAR, Hulbert, V37A, Hulbert, W13A, Hualapai Moun, T37A, Lometa, WHTX, Lake Whitney, WHTX, Lake Whitney, 334A, Lometa, 433A, Art, S37A, Fort Scott, P36A, Good Intent, A, R37A, Teagarden Farm, HVU, Hansel Valley, HVU, Hansel Valley, REDW, Red Top Meadow, X37A, Clayton, SNOW, Snow King Moun, N35A, Tabor, LOHW, Long Hollow, TP4W, Tom Pass, L34A, Svendsen Farm, 136A, Ennis, K33A, Hardington, 434A, Burnet, MOOV, Moose Ponds, O36A, Bolckow, J32A, Parkston, FXWY, Fox Creek, M35A, Neola, Q37A, Longview Farm, U38A, Greavette, T38A, Diamond, 335A, Moody, X38A, Whitesboro, V38A, Canehill, 236A, Katherine and, IMW, Indian Meadow, 533A, Kerrville, I31A, Royce, Wessing, FLWY, Flagg Ranch, W38A, Jarrell, N36A, Muff Farm, Cla, P37A, Latrop, 435B, Jarrell, SUSD, Miller, 336A, Riesel, J33A, Stockton, 338A, Fenwick Farm, HHAR, Hobbs, Y38A, Idabel, K34A, Le Mars, L35A, Gilew Farm, R, 534A, Blanco, Z38A, Mt. Pleasant, H31A, Wolsey, O37A, Wolven Farm, M, R11A, Troy Canyon, C, R11A, Troy Canyon, C, RLMT, Red Lodge, RLMT, Red Lodge, 633A, Sathoff Ranch, 237A, Washetta, Mont, I32A, Karley and Nic, Q38A, Cooke Store, C, X39A, Fountain Ranch, V39A, Pettigrew, W39A, Magazine, U39A, Green Forest, T39A, Clever, 436A, Wall Ranch, Ga, S39A, Bolivar, YHH, Holmes Hill, ECSD, EROS Data Cent

ECSD F38A	EROS Data Cent Dawn	9.06 40 9.10 70	ePn P	Pn	23 32 30.9 +0.1 23 32 30.3 -1.0
J34A	George baz=259	9.11 44	P	Pn	23 32 31.0 -0.5
Y39A	Lockesburg baz=293	9.13 107	P	Pn	23 32 31.2 -0.6
535A	Dale baz=322	9.14 138	P	Pn	23 32 32.0 +0.1
K35A	Storm Lake baz=235	9.18 49	P	Pn	23 32 31.6 -0.9
I33A	Coleman baz=223	9.19 38	P	Pn	23 32 31.7 -0.9
H32A	Carlson Farm, baz=218	9.24 34	P	Pn	23 32 32.8 -0.4
TUQ	Turquoise Moun baz=77	9.26 263	P	Pn	23 32 31.9 -1.8
O38A	Galt baz=254	9.26 67	P	Pn	23 32 32.9 -0.7
R39A	Chumby, Stover baz=266	9.28 79	P	Pn	23 32 33.4 -0.4
M37A	Trindie Farm, baz=245	9.29 59	P	Pn	23 32 33.3 -0.6
238A	Jacksonville baz=306	9.31 120	P	Pn	23 32 35.3 +1.0
MIAR	Mount Ida baz=289	9.32 102	P	Pn	23 32 34.2 -0.2
MIAR	Mount Ida baz=102	9.32 102	eP	Pn	23 32 33.9 -0.5
536A	Bastrop baz=320	9.38 136	P	Pn	23 32 35.2 0.0
437A	Phantom Ranch, baz=314	9.38 129	P	Pn	23 32 35.6 +0.4
Q39A	Willow Grove F baz=261	9.41 74	P	Pn	23 32 35.2 -0.4
733A	Divot King Ran baz=303	9.43 150	P	Pn	23 32 37.5 +1.7
U40A	Yellville baz=278	9.48 91	P	Pn	23 32 36.2 -0.4
F29A	Eureka baz=204	9.50 21	P	Pn	23 32 36.4 -0.3
G31A	Conde baz=212	9.50 29	P	Pn	23 32 36.4 -0.5
GCMT	Greycliff baz=285	9.53 338	ePn	Pn	23 32 38.3 +1.0
W40A	Ferguson Farm, baz=285	9.54 98	P	Pn	23 32 37.4 +0.1
V40A	Witts Springs baz=281	9.60 94	P	Pn	23 32 37.7 -0.5
K36A	Gilmore City baz=238	9.62 51	P	Pn	23 32 38.4 0.0
N38A	Joos South For baz=250	9.64 64	P	Pn	23 32 38.4 -0.4
P39B	Salisbury baz=259	9.66 72	P	Pn	23 32 37.9 -1.1
I34A	Hadley baz=226	9.66 41	P	Pn	23 32 39.1 0.0
T40A	Mansfield baz=273	9.68 86	P	Pn	23 32 39.1 -0.2
S40A	Lebanon baz=270	9.68 83	P	Pn	23 32 39.5 +0.2
H33A	Prehn Over Nor baz=220	9.69 36	P	Pn	23 32 39.6 +0.2
Y40A	Okolona baz=295	9.73 105	P	Pn	23 32 39.4 -0.6
833A	Chapparral WMA, baz=335	9.74 152	P	Pn	23 32 41.7 +1.5
BELC	Belle Mtn. Jos baz=215	9.75 255	ePn	Pn	23 32 37.2 -3.2
G32A	Webster baz=215	9.81 31	P	Pn	23 32 40.0 -0.4
537A	Green Hill Far baz=318	9.81 133	P	Pn	23 32 42.2 +1.1
L37A	Phoenix Point, baz=242	9.81 55	P	Pn	23 32 41.8 +0.7
R40A	Maddies Statio baz=266	9.88 79	P	Pn	23 32 41.7 -0.4
HLID	Hailey baz=128	9.91 314	P	Pn	23 32 42.1 -0.5
HLID	Hailey baz=226	9.91 314	ePn	Pn	23 32 44.6 +2.0
X40A	Basin Creek Fa baz=288	9.92 101	P	Pn	23 32 43.0 +0.4
Z40A	Long Farm, Mag baz=299	9.94 109	P	Pn	23 32 42.9 +0.1
MCMT	McKenzie Canyo baz=327	9.95 324	ePn	Pn	23 32 45.3 +2.0
735A	Kenedy baz=327	9.97 143	P	Pn	23 32 43.4 +0.1
WLAR	White Oak Lake baz=298	9.98 106	ePn	Pn	23 32 43.9 +0.5
O39A	Kirksville baz=295	9.98 68	P	Pn	23 32 42.3 -1.1
I35A	Creekview Farm baz=230	10.02 44	P	Pn	23 32 43.8 -0.2
F31A	Hecla baz=210	10.03 26	P	Pn	23 32 42.7 -1.3
X301	Greenbrier Sit baz=234	10.05 97	ePn	Pn	23 32 44.0 -0.4
J36A	Seneca 1, Swea baz=234	10.07 48	P	Pn	23 32 43.4 -1.2
BOZ	Bozeman (W) baz=146	10.08 331	P	Pn	23 32 44.3 -0.5
BOZ	Bozeman (W) baz=239	10.08 331	ePn	Pn	23 32 46.8 +1.9
140A	Cam and Jess, baz=239	10.09 113	P	Pn	23 32 43.6 -1.4
339A	Huntington baz=307	10.10 121	P	Pn	23 32 45.2 +0.2
Q40A	Laux Farm, Aux baz=263	10.10 75	P	Pn	23 32 43.4 -1.6
HPIG	Woolly Hollow baz=281	10.11 185	ePn	Pn	23 32 49.1 +3.7
WHAR	Mountainview baz=281	10.13 96	ePn	Pn	23 32 44.8 -0.7
V41A	Mountainview baz=281	10.13 93	P	Pn	23 32 44.6 -0.9
H34A	Spellman Lake, baz=224	10.15 39	P	Pn	23 32 45.2 -0.5
X41A	Kaden, Bauxite baz=288	10.17 101	P	Pn	23 32 45.4 -0.6
W41B	Gary Mavity, V baz=284	10.19 97	P	Pn	23 32 45.7 -0.6
N39A	Derby Farms, D baz=252	10.19 64	P	Pn	23 32 45.7 -0.6
K37A	Belmond baz=239	10.20 52	P	Pn	23 32 45.3 -1.1
P40A	Paris baz=260	10.20 72	P	Pn	23 32 44.7 -1.7
G33A	Ortonville baz=220	10.22 35	P	Pn	23 32 46.6 -0.1
UALR	University of baz=278	10.22 99	ePn	Pn	23 32 46.4 -0.3
U41A	Viola baz=278	10.23 90	P	Pn	23 32 46.2 -0.7
DLMT	Pillon baz=254	10.25 327	ePn	Pn	23 32 49.9 +2.7
PFO	Pinyon Flats O comp=Z,0.1nm,0.3s,baz=76,slow=14,SNR=2.3	10.25 254	Pn	Pn	23 32 49.4 +2.2
PFO	comp=Z,0.1nm,0.3s,baz=15,slow=18,SNR=2.4		Lg	LR	23 35 34.5
PFO	comp=Z,2um,19.9s,baz=81,slow=40		LR	LR	23 37 06.7
S41A	Jilico Farms, baz=271	10.28 83	P	Pn	23 32 46.8 -0.7
T41A	Mountain View baz=274	10.29 86	P	Pn	23 32 46.8 -0.8
Y41A	Eaglette Beard baz=291	10.30 104	P	Pn	23 32 46.7 -1.1
L38A	Oak Wood Farm, baz=244	10.35 57	P	Pn	23 32 47.6 -0.8
CCCA	Chr Cany lake baz=257	10.39 266	eSn	Sn	23 34 38.5 -7.0
O40A	La Belle baz=257	10.45 69	P	Sn	23 32 48.8 -1.1
WSHM	Spangler Ranch baz=256	10.48 266	eSn	Sn	23 34 53.4 +5.7
CRY	Cary Hills baz=256	10.48 254	ePn	Sn	23 32 50.6 +0.2
CRY	Cary Hills baz=256	10.48 254	eSn	Sn	23 34 44.2 -3.6
J37A	Redenius Farm, baz=237	10.54 50	P	Pn	23 32 50.7 -0.3
LRM	Limekiln Ridge baz=267	10.55 329	ePn	Pn	23 32 53.8 +2.3
R41A	Rosebud baz=296	10.58 79	P	Pn	23 32 50.4 -1.2
VTV	Victorville baz=260	10.61 260	eP	Pn	23 32 49.3 -2.8
M39A	Webster baz=249	10.61 260	ePn	Pn	23 32 49.3 -2.8
G34A	Benson baz=222	10.63 37	P	Pn	23 32 51.2 -1.1
H35A	Sunnyside Ranc baz=227	10.65 41	P	Pn	23 32 52.3 +0.7
MPID	Camas Ranch baz=292	10.66 310	ePn	Pn	23 32 55.1 +2.2
I36A	Fitzsimmons Fa baz=292	10.67 46	P	Pn	23 32 53.3 +0.5
K38A	Parkersburg baz=242	10.70 55	P	Pn	23 32 53.1 -0.1
V42A	Cord baz=280	10.74 93	P	Pn	23 32 52.0 -1.9
Q41A	Truxton baz=264	10.75 76	P	Pn	23 32 52.0 -1.9
E31A	Nome baz=210	10.76 26	P	Pn	23 32 52.4 -1.6
539A	Cross D Ranch, baz=313	10.77 127	P	Pn	23 32 52.3 -1.9
U42A	Reviden baz=278	10.78 90	P	Pn	23 32 54.0 -0.4
F33A	5 Mile Ranch, baz=303	10.79 33	P	Pn	23 32 53.2 -1.2
CWC	Cottonwood Cre baz=83	10.81 271	P	Pn	23 32 52.6 -2.3
440A	Kirbyville baz=286	10.86 122	P	Pn	23 32 54.8 -0.7
CCAR	Cane Creek baz=294	10.94 103	ePn	Pn	23 32 56.0 -0.5
Y42A	Garnett, Star baz=291	10.95 103	ePn	Pn	23 32 55.2 -1.5
P41A	Barry, Barry baz=291	10.98 72	P	Pn	23 32 55.3 -1.7
L39A	Vinton baz=246	10.99 59	P	Pn	23 32 56.0 -1.2
I37A	Lemond, Waseca baz=294	11.02 47	P	Pn	23 32 56.8 -0.9
S42A	Caledonia baz=270	11.03 82	P	Pn	23 32 56.6 -1.2
Z42A	Norrel Spur, H baz=294	11.04 106	P	Pn	23 32 56.0 -2.0
R42A	Luetering baz=268	11.04 79	P	Pn	23 32 56.7 -1.2
HRY	Holter Researc baz=290	11.05 333	ePn	Pn	23 32 59.7 +1.5
H36A	Jessenland, He baz=304	11.06 44	P	Pn	23 32 58.2 +0.1
341A	Kurthwood baz=304	11.06 118	P	Pn	23 32 57.8 -0.4
E32A	Braaten, Kindr baz=213	11.08 28	P	Pn	23 32 57.4 -1.1
G35A	Watkins baz=226	11.19 40	P	Pn	23 32 59.6 -0.3
O41A	Passleys Farm, baz=258	11.19 70	P	Pn	23 32 58.5 -1.5
F34A	Alexandria baz=222	11.22 36	P	Pn	23 32 59.1 -1.3
CHFC	Chilao Flat St baz=295	11.22 260	ePn	Sn	23 33 01.3 +0.7
CHFC	Chilao Flat St baz=295	11.22 260	eSn	Sn	23 35 02.1 -3.9
Q42A	Golden Eagle baz=265	11.29 76	P	Pn	23 33 00.0 -1.2
WASM	Alta Sierra Ca baz=290	11.30 268	ePn	Sn	23 33 00.1 -1.6
WASM	Alta Sierra Ca baz=290	11.30 268	eSn	Sn	23 35 01.4 -6.6
K39A	Oelwein baz=244	11.30 56	P	Pn	23 32 59.3 -2.2
MLAC	Mammoth, Mammo baz=274	11.33 277	ePn	Pn	23 32 60.0 -2.1
PBMO	Poplar Bluff baz=181	11.38 87	ePn	Pn	23 33 02.1 -1.3
DGMT	Dagmar baz=181	11.43 1	P	Pn	23 33 02.8 -0.4
DGMT	Dagmar baz=181	11.43 1	ePn	Pn	23 33 03.7 +0.5
E33A	Westby DABS, E baz=217	11.43 32	P	Pn	23 33 01.9 -1.4
U43A	Rector baz=278	11.44 89	P	Pn	23 33 02.5 -0.9
T43A	Greenville baz=244	11.46 85	P	Pn	23 33 02.5 -1.2
L40A	Anamosa baz=248	11.50 60	P	Pn	23 33 02.5 -1.7
P42A	Winchester baz=248	11.51 73	P	Pn	23 33 02.6 -1.7
F35A	Swanville baz=224	11.59 37	P	Pn	23 33 04.7 -0.8
Y43A	Makayla and Ka baz=290	11.60 102	P	Pn	23 33 05.1 -0.5
EGMT	Eagleton baz=159	11.61 343	P	Pn	23 33 05.0 -0.7
EGMT	Eagleton baz=159	11.61 343	ePn	Pn	23 33 06.1 +0.4
S43A	Fulton Ridge, baz=272	11.61 83	P	Pn	23 33 04.7 -1.0
H37A	Dierke Farm, C baz=233	11.63 46	P	Pn	23 33 05.1 -0.9
I38A	Scanlan Farm, baz=237	11.68 49	P	Pn	23 33 05.7 -0.9
J39A	Decorah baz=242	11.71 54	P	Pn	23 33 05.6 -1.4
R43A	Red Bud baz=268	11.72 80	P	Pn	23 33 06.2 -1.0
M41A	Milan baz=253	11.76 64	P	Pn	23 33 05.5 -2.1
CHMT	Chamberlain Mo baz=220	11.76 330	ePn	Pn	23 33 09.4 +1.5
E34A	Wadena baz=220	11.80 34	P	Pn	23 33 06.1 -2.2
K40A	Colesburg baz=246	11.80 57	P	Pn	23 33 06.0 -2.3
O42A	Bath baz=259	11.81 70	P	Pn	23 33 06.5 -1.9
C31A	Landman Farms, baz=265	11.89 23	P	Pn	23 33 07.3 -2.1
Q43A	New Douglas baz=265	11.94 76	P	Pn	23 33 09.3 -0.9
MSO	Missoula baz=141	11.98 328	P	Pn	23 33 07.6 -3.2
MSO	Missoula baz=296	11.98 328	ePn	Pn	23 33 13.6 +2.8
U44A	Portageville baz=277	12.00 88	P	Pn	23 33 09.7 -1.3
L41A	Preston baz=290	12.01 61	P	Pn	23 33 09.5 -1.7
D33A	AnnSam, Waubun baz=216	12.01 30	P	Pn	23 33 09.4 -1.8
T44A	Benton baz=274	12.02 85	P	Pn	23 33 10.5 -0.8
WVOR	Wild Horse Val baz=290	12.05 301	eP	Pn	23 33 15.0 +3.2
WVOR	Wild Horse Val baz=290	12.05 301	ePn	Pn	23 33 15.0 +3.2
I39A	Houston baz=240	12.08 52	P	Pn	23 33 10.4 -1.7
SPMM	Marine				

23d Oh

Table with columns: Code, Station Name, Az, El, P, Res, and various other parameters. Includes stations like Trail Mountain, Colville Reser, HLID, etc.

2011 AUG

Table with columns: Code, Station Name, Az, El, P, Res, and various other parameters. Includes stations like Liptovska Anna, Dobruska-Polom, etc.

1162

Table with columns: Code, Station Name, Az, El, P, Res, and various other parameters. Includes stations like MJAR, MJAR, MJAR, etc.

Table with columns: Code, Station Name, Az, El, P, S, H, Res. Includes stations like Beregovo, Shidnytsya, Tarpa, Brid, Kasperske Hory, etc.

ISCJB 23 01:22:53.8-0.7, 33.09N, 01:02:76.90E, 0.02, h9km, 4km, mb4, 9/177, MS3, 7/3, Error ellipse: s-maj=3.0km s-min=2.1km az=138.3

Table with columns: Code, Station Name, Az, El, P, S, H, Res. Includes stations like Sundarnagar, Bhakra, Simla, Srinagar, Dehra Dun, etc.

Main table with columns: Code, Station Name, Az, El, P, S, H, Res. Includes stations like KSH, KSH, KBL, KBL, PYUN, PYUN, JHNSI, JHNSI, KOLDANDA, KOLDANDA, GORSHA, GORSHA, DAMAN, DAMAN, etc.

Main table with columns: Code, Station Name, Az, El, P, S, H, Res. Includes stations like HYBB, HYBB, HYB, HYB, CHLP, CHLP, CHLP, CHLP, ALIBECK, ALIBECK, GEYT, GEYT, POLAVARM, POLAVARM, etc.

23d 1h

Table with columns for station name, frequency, power, and signal strength. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like VRH Novokhoporsk, UBPT Kuching, MALT Malatya, SURA Surathani, WHN Wuhan, etc.

1164

Table with columns for station name, frequency, power, and signal strength. Includes stations like PLG Polygyros, DRGR Gura Zlata, GZR Kalwaria Pacla, KWP Kalwaria Pacla, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KSP Ksiaz, SOP Sopron, HAMF Hammerfest, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BNI Bardonecchia, DOU Dourbes, GDM Grand Maison, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LIC Lamto, FORT Forrest, DIV Divide, etc.

NIED 23 02:13:00,35:90N,140:50E,h38km,Mw3.7 Best double couple: M3.42000*10^14 NP1:~270.00000*,833.00000*,1.22.00000*, NP2:~53.00000*,862.00000*,1.71.00000* JMA 23 02:13:54.9,35:88N,140:50E,h35km,1km,M3.7,1C-4D, Near east coast of eastern Honshu

IDC 23 02:15:24.5,1.6,30:56S,178:11W,h78km,12km,mb4.1/3, mb1 4.2/4,mb tmx3/8.23 mbtm4.3/4, Error ellipse: s-maj=32.3km s-min=13.2km az=114.0

ISC 23 02:15:20.5,1.1,30:76S,108:177.9W,0.2,h46km,n21, c312/25,mb4.5/3,Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like CHOU Chosi, JYT Yasoto, JHO Hitachi, etc.

NIED 23 03:04:00,38:30N,141:80E,h83km,Mw3.6 Best double couple: M3.20000*10^14 NP1:~270.00000*,863.00000*,1.47.00000*, NP2:~171.00000*,864.00000*,1.42.00000* JMA 23 03:04:14.9,38:28N,141:79E,h55km,1km,M3.7,1C-4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like JIO Ouri, OFUJ Ofunato, OFUJ Ofunato, etc.

IDC 23 03:55:59.9,3.2, 14°42'N-90°04'W, h52km, 32km, mb3.9/1.1, mb1.4/2.14, mb1mx3/9.33, mbtmp4.2/14, ML4, 1/3, MS3.4/9, Ms1.3/5.9, ms1mx3.3/27, Error ellipse: s-maj=2.6km, s-min=13.5km az=56.0
 NEIC 23 03:55:59.0, 1.0, 14°28'N-90°13'W, h42km, 10km, mb4.4/5.0, MD4.1(SNET), Error ellipse: s-maj=10.4km s-min=6.5km az=225.0
 NEIC Felt [I] at Guatemala. Also felt at Antigua Guatemala, Frajanes, Mixco, Palen, San Jose Pinula, Santa Catarina Pinula, Taxisco, Villa Canales and Villa Nueva. Felt [I] at Anzuachapan, El Salvador.
 ISC 23 03:56:55.5, 1.2, 14°28'N-90°05.90, h15km, 8km, n332, 0.1510/331, mb4.3/48, MS3.6/6, SC, Guatemala

Code	Station Name	Δ ³ Az ²	Op	ISC	Time	Res
					h m s	ISC
CUS1	Cusmapa	0.37 156	eP	Pg	03 56 01.9	-1.3
RBLD	Robledal	0.43 109	iP	Pg	03 56 04.7	+0.4
RTR	El Retiro	0.57 129	iP	Pg	03 56 06.7	+0.2
MDNT	Ecomontaa	0.59 132	eP	Pg	03 56 07.0	-0.3
SNJE	San Jose	0.62 128	eP	Pg	03 56 07.5	-0.3
SBL5	San Blas	0.62 132	eP	Pg	03 56 07.7	-0.2
SBL5			eS	Sn	03 56 19.3	-0.6
MRL	Marmol	0.90 26	eP	Pg	03 56 13.4	+0.4
BOQS	Boqueron	0.95 123	eP	Pb	03 56 13.4	+0.8
BOQS			eS	Sg	03 56 27.1	+0.5
SNET	Serv Nac Est T	1.02 124	eP	Pb	03 56 14.4	-0.6
SNET			AML	AML	03 56 18.2	
SNET	comp=N, 2.4um, 0.3s		eS	Sn	03 56 29.8	+0.3
SNET			AML	AML	03 56 41.8	
OPAM	San Salvador	1.03 121	eP	Pb	03 56 14.7	-0.4
OPAM			eS	Pb	03 56 30.5	+0.8
UDBS	Soyapango	1.06 120	eP	Pb	03 56 15.0	-0.2
UDBS			eS	Sn	03 56 31.6	+1.1
LFU	La Fuente	1.09 118	eP	Pb	03 56 15.8	-0.3
LBRS	Las Brisas	1.15 116	eP	Pn	03 56 16.9	-0.3
LFRS	El Faro	1.19 122	iP	Pn	03 56 17.5	-0.3
SNVI	San Vicente	1.39 117	eP	Pn	03 56 20.8	+0.3
PAJCA	Pacayal	1.90 114	eP	Pn	03 56 19.2	+0.8
TGUH	Tegucigalpa, Un	2.75 94	ePn	Pn	03 56 39.6	+0.4
TGUH	Tegucigalpa, Un	2.75 94	eP	Pn	03 56 39.4	+0.2
CNGN	Cerro Negro	3.75 117	eP	Pn	03 56 53.4	+0.5
CNGN			AML	AML	03 57 51.6	
ESTN	Estel	3.81 107	eP	Pn	03 56 54.3	+0.5
MOMN	Momotombo	3.92 117	eP	Pn	03 56 56.0	+0.6
COPN	Copaltepe	4.00 121	eP	Pn	03 56 57.0	+0.7
XAVN	Gruta Xavier	4.23 119	eP	Pn	03 57 01.0	+1.4
MAGN	Managua	4.30 119	eP	Pn	03 57 00.9	+0.4
BOAC	BOACOBROADBAN	5.8 112	eP	Pn	03 57 01.0	+0.2
CMIG	Matias Romero	5.40 302	P	Pn	03 57 15.8	+0.2
CMIG			AML	AML	03 58 19.1	+1.5
CMIG	comp=N, 8.0nm, 0.3s, baz=114, slow=8.4, SNR=45		S	Sn	03 58 19.1	+1.5
CMIG	comp=N, 8.0nm, 0.3s, baz=42, slow=12, SNR=2.1		LR	LR	03 59 14.9	
TLIG	Tiapa	8.78 293	ePn	Pn	03 58 03.4	+1.2
MOIG	Morelia	11.89 298	ePn	Pn	03 58 46.5	+1.6
034A	Hobroville	15.59 329	eP	Pn	03 59 28.7	+0.9
034A			AML	AML	03 59 31.6	+1.1
SJCC	San Jacinto, C	15.22 105	eP	P	03 59 33.3	-1.8
934A	Benavides	15.42 331	P	Pn	03 59 33.4	+0.8
835A	Beeville	15.70 334	P	Pn	03 59 37.4	+1.1
933A	Laredo	15.80 329	P	Pn	03 59 39.2	+1.6
834A	Tilden	15.88 332	P	Pn	03 59 39.8	+1.1
736A	Circle Diamond	15.99 337	P	Pn	03 59 40.9	+0.9
833A	Chaparral WMA,	16.45 330	P	Pn	03 59 46.6	+0.8
636A	Smothers Creek	16.46 338	P	Pn	03 59 47.2	+1.2
446A	Poplarville	16.47 2	P	Pn	03 59 46.8	+0.7
734A	La Parita Cree	16.50 333	P	P	03 59 47.8	-1.3
447A	Lucedale	16.52 4	P	Pn	03 59 47.9	+1.1
832A	Faith Ranch, C	16.70 328	P	Pn	03 59 48.9	-0.2
733A	Divot King Ran	16.73 331	P	Pn	03 59 48.9	-0.6
536A	Bastrop	17.00 339	P	Pn	03 59 53.2	+0.3
439A	Center Grove,	17.01 346	P	Pn	03 59 53.0	0.0
346A	Big Creek Wild	17.06 2	P	Pn	03 59 53.3	-0.3
344A	Westbrook Farm	17.13 358	P	Pn	03 59 54.6	+0.2
535A	Dale	17.14 338	P	Pn	03 59 54.1	-0.6
342A	Flagon Creek P	17.16 354	P	Pn	03 59 54.6	-0.2
341A	Kurthwood	17.23 351	P	Pn	03 59 55.6	-0.1
633A	Saathoff Ranch	17.30 332	P	Pn	03 59 56.4	-0.2
340A	Bronson	17.43 349	P	Pn	03 59 57.5	-0.7
534A	Blanco	17.50 335	P	Pn	03 59 58.6	-0.5
436A	Wall Ranch, G	17.55 341	P	Pn	03 59 59.3	-0.5
POPC	Popayan, Colom	17.65 130	eP	P	04 00 03.9	+1.7
338A	Crockett	17.68 345	P	Pn	04 00 07.7	-0.6
533A	Kerrville	17.77 334	P	Pn	04 00 01.8	-0.6
242A	Grayson	17.82 354	P	Pn	04 00 02.1	-1.0
NATX	Nacogdoches	17.92 347	ePn	P	04 00 04.9	+0.1
434A	Burnet	18.11 337	P	Pn	04 00 06.2	-0.5
ROSC	El Rosal	18.15 120	LR	LR	04 06 47.5	
335A	Moody	18.23 340	P	Pn	04 00 07.3	-0.8
142A	Monroe	18.29 355	P	Pn	04 00 06.8	-2.0
433A	Art	18.38 335	P	P	04 00 08.7	-1.3
143A	Socs Landing,	18.40 357	P	P	04 00 08.9	-1.2
JCT	Junction City	18.45 333	P	Pn	04 00 11.7	+0.7
JCT	Junction City	18.45 333	eP	Pn	04 00 11.7	+0.8
334A	Lometa	18.56 338	P	Pn	04 00 09.9	-2.1
RUSC	La Rusia	18.69 115	eP	Pn	04 00 14.9	+0.5
CHIC	Chingaza	18.75 119	eP	P	04 00 13.6	-1.1
333A	Richard Sprin	18.84 336	P	P	04 00 14.1	-1.0
WHX	Lake Whitney,	18.84 340	P	Pn	04 00 14.8	-0.8
WHX	Lake Whitney,	18.89 340	eP	Pn	04 00 16.1	-0.1
LRAL	Lakeview Res	18.91 8	eP	Pn	04 00 16.4	+0.1
242A	Norrel Spur, H	19.01 355	P	P	04 00 16.6	-0.2
245A	Winona	19.03 1	P	P	04 00 16.4	-0.7
FLOC	Florescia	19.04 130	eP	P	04 00 17.7	+0.3
136A	Ennis	19.06 343	P	P	04 00 17.6	+0.2
234A	Clairette	19.13 339	P	P	04 00 18.2	-0.1
240A	Long Farm, Mag	19.15 352	P	Pn	04 00 19.0	-0.3
SJAC	San Juan de Ar	19.32 123	eP	Pn	04 00 24.9	+3.3
135A	Vickery Place,	19.40 341	P	P	04 00 21.0	-0.2
238A	Mt. Pleasant	19.42 348	P	P	04 00 21.3	0.0
233A	Rising Star	19.43 337	P	P	04 00 21.1	-0.3
237A	Pogue Cattle C	19.52 346	P	P	04 00 22.0	-0.4

Y45A	Yeager Farm, C	19.53 1	P	P	04 00 21.8	-0.7
WLAR	White Oak Lake	19.54 352	eP	P	04 00 23.1	+0.5
Y42A	Garnett, Star	19.55 356	P	P	04 00 22.0	-0.8
TXAR	Lajitas Array	19.56 322	P	Pn	04 00 24.2	-0.2
TXAR	comp=N, 0.4nm, 0.3s, baz=150, slow=11, SNR=56		LR	LR	04 08 02.3	
TX31	Lajitas Ar. Si	19.56 322	eP	Pn	04 00 24.5	+0.1
Y46A	Houston	19.57 3	P	P	04 00 22.0	-1.0
Y43A	Makayla and Ka	19.58 358	P	P	04 00 23.2	+0.1
Y44A	Strider, Charl	19.62 360	P	P	04 00 24.0	+0.5
134A	White-Moore Ra	19.63 340	P	P	04 00 23.8	+0.1
CCAR	Cane Creek	19.63 356	eP	P	04 00 23.6	-0.1
Y47A	comp=N, 4.7nm, 1.0s	19.67 6	P	P	04 00 24.0	0.0
Y41A	Eaglette Beard	19.67 354	P	P	04 00 24.0	0.0
Z36A	Blue Ridge	19.79 344	P	P	04 00 25.2	-0.1
SDV	Santo Domingo	19.80 104	P	Pn	04 00 26.9	-0.5
SDV	Santo Domingo	19.80 104	eP	P	04 00 24.3	-1.5
SDV	Santo Domingo	19.80 104	eP	P	04 00 26.2	+0.3
Y40A	Okolona	19.88 352	P	P	04 00 26.2	-0.1
Y39A	Lockesburg	19.93 350	P	P	04 00 26.8	0.0
133A	Hamilton Ranch	19.96 338	P	P	04 00 27.2	-0.1
Y38A	Idabel	20.03 349	P	P	04 00 27.6	-0.4
Z35A	Perchaven, Sa	20.07 342	P	P	04 00 28.1	-0.4
X35A	UM Field Stati	20.09 2	P	P	04 00 28.1	-0.6
X44A	Greenshaw	20.16 360	P	P	04 00 28.9	-0.4
OXF	Oxford	20.18 2	eP	P	04 00 30.3	+0.7
X43A	comp=N, 32nm, 1.0s	20.19 358	P	P	04 00 29.0	-0.7
ABTX	Abilene, Hawle	20.25 336	P	P	04 00 29.8	-0.7
ABTX	Abilene, Hawle	20.25 336	eP	P	04 00 30.6	+0.2
X42A	Stuttgart	20.26 356	P	P	04 00 30.1	-0.3
X41A	Kaden, Bauxite	20.27 354	P	P	04 00 29.8	-0.8
X40A	Basin Creek Fa	20.29 353	P	P	04 00 30.2	-0.6
Y36A	Durant	20.34 345	P	P	04 00 30.3	-1.1
MIAR	Mout Ida	20.44 352	P	P	04 00 32.2	-0.3
MIAR	Mout Ida	20.44 352	eP	P	04 00 32.6	+0.1
X39A	Fouain Ranch	20.49 351	P	P	04 00 32.6	-0.4
Z33A	Whitaker Ranch	20.52 339	P	P	04 00 32.7	-0.7
UALR	University of	20.53 355	eP	Pn	04 00 35.1	-0.6
Y35A	Marietta	20.55 343	P	P	04 00 32.9	-0.8
X38A	Whitesboro	20.77 349	P	P	04 00 34.9	-1.1
X37A	Clayton	20.80 348	P	P	04 00 35.8	-0.5
Y34A	Reagan Ranch,	20.81 342	P	P	04 00 35.9	-0.5
W41B	Gar, Mavity, V	20.92 355	P	P	04 00 37.5	-0.1
X30I	Greenbrier Sit	21.00 355	eP	Pn	04 00 40.1	-1.0
X35A	comp=N, 8.6nm, 0.9s	21.00 344	P	P	04 00 38.2	-0.3
X36A	Centrahoma	21.00 345	P	P	04 00 38.3	-0.2
W40A	Ferguson Farm,	21.02 353	P	P	04 00 38.6	-0.1
WHAR	Woolly Hollow	21.04 355	eP	P	04 00 40.0	+1.2
W38A	Poteau	21.10 350	P	P	04 00 39.1	-0.5
W39A	Magazine	21.11 352	P	P	04 00 39.6	-0.1
Y33A	Hilltop Ranch,	21.13 340	P	P	04 00 39.0	-0.9
SWET	Sevens	21.21 9	eP	P	04 00 42.3	+1.5
W37B	Quinton	21.34 348	P	P	04 00 42.7	+0.5
X34A	Sm Ranch, M	21.43 342	P	P	04 00 44.2	+1.1
Y42A	Cord	21.49 357	P	P	04 00 42.8	-1.0
W36A	Wetumka	21.51 346	P	P	04 00 42.3	-1.7
V41A	Mountainview	21.52 355	P	P	04 00 42.7	-1.4
X33A	Lawton	21.58 341	P	P	04 00 43.5	-1.2
V40A	Witts Springs	21.60 354	P	P	04 00 43.9	-1.0
W35A	Tecumseh	21.68 345	P	P	04 00 44.8	-1.1
V39A	comp=N, 162, SNR=14	21.73 352	P	P	04 00 45.2	-1.2
X32A	Elmer	21.73 339	P	P	04 00 45.6	-0.8
WMOK	Wichita Mounta	21.85 340	P	P	04 00 45.9	-1.8
WMOK	Wichita Mounta	21.85 340	eP	P	04 00 46.1	-1.6
V38A	Canehill	21.86 351	P	P	04 00 46.4	-1.4
WVT	Waverly	21.88 5	eP	P	04 00 50.1	+2.2
U44B	Burton Farm, H	22.00 2	P	P	04 00 48.1	-1.2
W34A	Bridge Creek,	22.00 343	P	P	04 00 47.7	-1.6
W34A	Bridge Creek,	22.00 343	eP	P	04 00 48.8	-0.6
V37A	Hubert	22.01 349	P	P	04 00 48.3	-1.0
U42A	Reviden	22.03 358	P	P	04 00 49.0	-0.5
U45A	Row P Farm,	22.03 3	P	P	04 00 48.7	-0.9
U41A	Viola	22.06 356	P	P	04 00 49.3	-0.5
TKL	Tuckaleechee C	22.06 14	P	P	04 00 48.5	-1.4
TKL	Tuckaleechee C	22.06 14	eP	P	04 00 51.0	+1.1
V36A	Jenks	22.07 347	P			

IDC 23 04:36:04.9.0.9, 39°62'N-143°56'E, h0km, mb4.0/11, m1.4, 1/17, mb1mx3.9/51, mbmp3.9/17, ML3.7/5, MS3.2/5, M51.3/2.5, ms1mx2.8/47, Error ellipse: s-maj=2.1, 6km s-min=17.1km az=122.0, NEIC 23 04:36:08.1.3.3, 39°67'N-143°56'E, h19km, 20km, mb4.3/1, Error ellipse: s-maj=13.1km s-min=6.5km az=119.0, ISC 23 04:36:06.9.0.7, 39°68'N-143°52'E, 0.06, h11km, n44, #092/40, mb4.1/12, Off east coast of Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
JTH	Tanohata	1.30 282	Op	04 36 29.9	-1.1
JTH			ISC	04 36 49.2	+0.4
MIYJ	Miyakonagasawa	1.31 266	P	04 36 30.4	-0.8
OFUJ	Ofunato	1.55 248	P	04 36 33.6	-0.9
JANG	Nango	1.69 295	P	04 36 35.5	-0.8
JOM	Ohasama	1.73 264	P	04 36 36.8	-0.8
MIJ	Ichinoseki	1.93 248	P	04 36 39.1	-0.5
JIO	Ouri	2.09 325	P	04 36 40.5	-1.3
JTM	Temabayashi	2.17 301	P	04 36 43.3	+0.2
JTM			Sb	04 37 13.3	0.0
JRG	Rokugo	2.25 264	P	04 36 43.9	-0.2
ERM	Erimo	2.35 353	P	04 36 46.0	+0.5
JYK	Kaneyama	2.57 254	P	04 36 48.5	+0.1
JNBK	Urakawa-nobuka	2.66 348	P	04 36 50.9	+1.2
JCH	Churui	2.93 358	P	04 36 54.1	+0.6
JCH			Sb	04 37 26.8	-1.9
ASAJ	Asahikawa	4.48 351	Pn	04 37 14.7	-0.1
MAJO	Matsushiro	5.23 235	ePn	04 37 25.7	+0.7
MAT	Matsushiro	5.23 235	P	04 37 25.9	+0.8
IMAT			eS	04 37 57.5	-0.1
MJAR	Matsushiro Arr	5.23 235	Pn	04 37 26.1	+1.0
JHJ	Hachioji jima 2	7.21 206	Pn	04 37 51.1	-1.2
JHJ			Sb	04 39 03.4	-1.1
JHJ			LR	04 40 25.1	
USRK	Ussuriysk Ar	9.70 301	Pn	04 38 24.4	-2.0
KSRS	Korea Array	12.41 265	Pn	04 39 04.6	+1.2
KSRS			LR	04 43 31.0	
KSAR	Wonju Array Be	12.44 265	Pn	04 39 04.7	+0.7
KLR	Kul'dur	12.70 323	Pn	04 39 07.7	+0.2
MLR			LR	04 44 12.3	
KLA	Magadan	20.44 11	P	04 40 43.8	-0.3
SEY	Seymchan	23.89 10	P	04 41 21.2	+0.9
SOMN	Songino Array	27.80 299	P	04 41 56.7	+0.6
H11N2	WAKE ISLAND Hy 28.27 128		T	05 11 35.7	
H11N1	WAKE ISLAND Hy 28.28 128		T	05 11 35.7	
H11N3	WAKE ISLAND Hy 28.29 128		T	05 11 35.7	
H11S1	WAKE ISLAND Hy 29.09 130		T	05 12 40.5	
H11S3	WAKE ISLAND Hy 29.10 130		T	05 12 38.6	
H11S2	WAKE ISLAND Hy 29.11 130		T	05 12 41.2	
ZALV	Zalesovo Beam	41.41 310	P	04 43 53.0	0.0
KURK	Kurchatov	45.65 306	P	04 44 27.1	-0.1
ILAR	Eielson Array	46.38 34	P	04 44 33.5	+0.6
ABKAR	Akbulak array	57.52 309	eP	04 45 56.3	+0.2
WRA	Warramunga Arr	59.93 190	P	04 46 11.7	-1.4
NEW	Newport	67.09 46	P	04 47 00.2	-0.1
FINES	FINESS Array B	67.24 321	P	04 46 60.0	-1.0
KBZ	Khabaz	70.43 311	P	04 47 22.1	+1.0
NB2	NORSAR Subarra	72.38 338	P	04 47 32.8	+0.2
NOA	NORSAR Array B	72.38 338	P	04 47 32.9	+0.3
ASF	Jabal al Asfar	81.39 305	LR	05 26 34.6	
RPZ	Rata Peaks	86.66 160	LR	05 31 02.9	
TXAR	Lajitas Array	87.21 54	P	04 48 53.3	-0.4

JMA 23 04:41:04.1.0.4, 32°37'N-138°10'E, h425km, M3.6, Southeast of Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
BSO3	Boso 3	3.15 39	Op	04 42 11.2	+1.3
BSO3			P	04 42 17.1	+1.1
BSO4	Boso 4	3.21 35	P	04 42 11.9	+1.3
BSO4			eS	04 43 05.3	+0.5
BSO1	Boso 1	3.31 46	P	04 42 12.5	+1.6
BSO1			eS	04 43 06.0	+0.6
JHU	Hanno	3.61 15	P	04 42 11.0	+0.1
JAG	Ashikaga	4.20 15	P	04 42 20.0	+0.7
JYT	Yasato	4.22 24	P	04 42 20.9	+1.4
JYT			S	04 43 18.8	-2.3
JHO	Hitachi	4.70 25	P	04 42 25.0	+1.0
JSD			S	04 43 26.9	-2.5
JFK	Kawauchi	5.48 24	S	04 43 41.9	-1.9

NEIC 23 04:49:18.0, 19°13'N-64°40'W, h69km, MD3.6(RSPR), After RSPR, RSPR 23 04:49:18.0, 19°13'N-64°40'W, h69km, 5km, MD3.6/4, ISC 23 04:49:21.2.2.3, 19°11'N-64°60'W, h42km, n20, #122/29, 7C-9D, Virgin Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
STVI	Saint Thomas	0.81 204j	eP	04 49 34.7	-1.4
STVI	Saint Thomas	0.81 204j	eP	04 49 34.9	-1.2
STVI			eS	04 49 48.1	+1.2
STVI	Saint Thomas	0.81 204j	eP	04 49 34.7	-1.4
STVI	Saint Thomas	0.81 204j	eP	04 49 34.9	-1.2
STVI			eS	04 49 48.1	+1.2
STVI			eS	04 49 48.1	+1.2
STVI	Saint Thomas	0.81 204j	eP	04 49 34.7	-1.4
STVJ	San Juan	1.76 237j	eP	04 49 48.3	-0.9
STVJ	San Juan	1.76 237j	eP	04 49 48.3	-0.9
SJG			eS	04 50 11.6	+1.2
SJG	San Juan	1.76 237	ePn	04 49 47.8	-1.4
SJG			eS	04 50 09.1	-1.2
CELP	Cerrillos	2.13 242j	eP	04 49 53.5	-0.8
CELP			eS	04 50 20.9	+1.4
CELP	Cerrillos	2.13 242j	eP	04 49 53.5	-0.8
CELP			eS	04 50 20.9	+1.4
AOPR	Arecibo Observ	2.17 250j	eP	04 49 53.9	-1.0
AOPR	Arecibo Observ	2.17 250j	eS	04 50 21.9	+1.5
AOPR	Arecibo Observ	2.17 250j	eP	04 49 53.9	-1.0
AOPR	Arecibo Observ	2.17 250j	eS	04 50 21.9	+1.5
LSP	Las Mesas	2.52 249j	eP	04 49 58.9	-0.9
LSP	Las Mesas	2.52 249j	eP	04 49 58.9	-0.9
MLG	Mont-d'or	4.06 137	eP	04 50 21.8	+0.4
FNG	Fond-Bernard	4.10 137	eP	04 50 20.3	-1.1

IDC 23 04:50:13.5.5.2, 20°16'S-177°78'W, h547km, 4.6km, mb3.8/4, mb1 3.8/6, mb1mx3.2/33, mbtmp4.7/6, Error ellipse: s-maj=45.9km s-min=18.9km az=82.0, Fiji Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
AFI	Afiama	8.46 44	S	04 53 37.8	-1.8
DZM	Mort Dzumac	14.85 260	P	04 53 21.5	-0.1
URZ	Urewera	18.58 193	P	04 53 56.1	-0.5
URZ			S	04 56 58.3	+0.3
CTA	Charters Tower	33.73 264	P	04 56 09.4	-0.6
STKA	Stengers Creek	38.13 244	P	04 56 47.4	+1.2
ASAR	Alfali Springs	44.80 256	P	04 57 39.0	-0.1
ASAR			PcP	04 59 09.7	+0.4
WARA			P	04 57 38.8	-0.7
BRTR	Keskin Array B	146.76 313	PKPbc	05 08 53.7	-1.0

DHMR 23 04:56:47.4.1.1, 1°09'N-43°97'E, h6km, 20km, ML5.1, BUJ 23 04:56:51.8, 12°00'N-44°10'E, h10km, mb4.8/36, mb4.9/26, Ms4.6/21, Ms7.4/3/20, ISCJZ 23 04:56:51.1.0.2, 12°00'N-03°44'06"E, 0.03, h10km, mb4.7/106, MS3.9/30, Error ellipse: s-maj=4.5km s-min=3.6km az=161.2, CSEM 23 04:56:52.0.0.1, 12°07'N-44°10'E, h2km, mb4.8/65, Error ellipse: s-maj=5.3km s-min=4.5km az=150.0, IDC 23 04:56:52.0.0.6, 12°14'N-44°13'E, h0km, mb4.3/23, mb1.4/26, mb1mx4.3/46, mbtmp4.3/26, ML3.8/3, MS3.9/21, Ms1.3/2/1, ms1mx3.8/43, Error ellipse: s-maj=16.3km s-min=14.6km az=73.0, NEIC 23 04:56:52.0.0.2, 12°01'N-44°09'E, h10km, mb4.9/33, Error ellipse: s-maj=5.5km s-min=5.2km az=135.0, OMAN 23 04:56:54.8.5.0, 12°15'N-44°07'E, h10km, Error ellipse: s-maj=11.5km s-min=3.2km az=171.0, MOS 23 04:56:55.2.0.9, 12°05'N-43°99'E, h35km, mb5.1/38, Error ellipse: s-maj=10.1km s-min=4.8km az=96.2, ISC 23 04:56:55.1.2.1, 12°10'N-03°44'10"E, 0.04, h11km, 6km, n375, #125/395, mb4.8/106, MS3.9/30, 27C-8D, Western Arabian Peninsula

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
ADEN	Aden	1.10 52	Op	04 57 11.8	-2.8
ADEN			ISC	04 57 28.6	-0.4
ADEN			iS	04 57 34.5	
ADEN	Aden	1.10 52	iP	04 57 11.8	-2.8
ADEN			iS	04 57 28.5	-0.4
ATD	Arta Tunnel	1.35 245	Pn	04 57 13.2	-5.2
ATD			Pn	04 57 30.0	-6.1
UDYN	Al 'Udayn	1.86 356	iP	04 57 22.8	-2.8
UDYN			Pn	04 57 49.4	+0.2
UDYN	Al 'Udayn	1.86 356	iP	04 57 22.8	-2.8
UDYN			iS	04 57 49.4	+0.2
BDHA	Al Bayda'	2.35 37	iP	04 57 30.2	-2.2
BDHA			iS	04 58 05.9	+0.6
BDHA	Al Bayda'	2.35 37	iP	04 57 30.2	-2.2
BDHA			iS	04 58 05.9	+0.6
DHBB	Dhamar BB	2.48 7	iS	04 57 32.6	-1.4
DHBB			iS	04 58 08.1	-0.8
DHBB	Dhamar BB	2.48 7	iP	04 57 32.7	-1.4
DHBB			Sb	04 58 08.1	-0.8
DAMY	Dhamar	2.48 7	ePn	04 57 37.8	-0.5
DAMY			Pg	04 58 13.9	+0.6
DAMY	Dhamar	2.48 7	ePn	04 57 37.8	-0.5
DAMY			eSg	04 58 13.9	+0.6
HAJJ	Hajjah	3.62 352j	iP	04 57 47.5	-2.2
HAJJ			iS	04 58 35.4	+2.9
HAJJ	Hajjah	3.62 352j	iP	04 57 47.5	-2.2
HAJJ			iS	04 58 35.4	+2.9
FURI	Furi	6.20 240	eP	04 58 22.1	-3.3
FURI			Pn	04 59 45.1	+8.5
FURI	Furi	6.20 240	ePn	04 58 26.5	+1.1
FURI			Pn	04 58 26.5	+1.1
ABTO	Aybut	10.32 58	P	04 59 23.3	+1.6
ABTO	Aybut	10.32 58	P	04 59 23.3	+1.6
KMBO	Kilima Mbogo	14.79 208	ePn	05 00 24.1	+1.0
KMBO			Lg	05 04 34.9	
KMBO			Lg	05 05 51.2	
KMBO	Kilima Mbogo	14.79 208	eP	05 00 28.2	-0.8
KMBO			Pmax	05 00 20.9	-2.1
KMBO	Kilima Mbogo	14.79 208	ePn	05 00 28.2	-0.8
KMBO			Pmax	05 00 20.9	-2.1
ARQ	Araqi	16.27 45	Pn	05 00 43.9	-1.3
ARQ			Lg	05 00 43.9	-1.3
ARQ	Araqi	16.27 45	Pn	05 00 43.9	-1.3
ARQ			P	05 00 43.9	-1.3
JMDO	Jabal Madar	16.82 51	Pn	05 00 48.7	-0.5
JMDO			Pn	05 00 48.7	-0.5
JMDO	Jabal Madar	16.82 51	Pn	05 00 48.7	-0.5
JMDO			Pn	05 00 48.7	-0.5
HOQ	Hoqain	16.98 46	Pn	05 00 52.8	-0.2
HOQ			P	05 00 52.8	-0.2
HOQ	Hoqain	16.98 46	P	05 00 52.8	-0.2
HOQ			P	05 00 52.8	-0.2
UOSS	Minazif	17.16 40	ePn	05 00	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAPI Kappang, YAK Yakutsk, KSAR Wonju Array Be, etc.

IDC 23 05:04:03.8, 0.6, 29.561s, 179.18W, h334km, 8km, mb3.7/4, mb1.3/9.5, mb1mx3.4/26, mbtmp4.4/5, Error ellipse: s-maj=23.5km s-min=21.5km az=28.0

ISC 23 05:04:08.0, 1.5, 29.945s, 0.09:179.4W, 0.2, h362km, n25, e1523/30, mb3.8/4, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAO Raoul Island, MXZ Matakaoa Point, HAZ Te Kaha, etc.

CSEM 23 05:04:40.3, 1.1, 99.9N, 44.03E, h15km, ML3.8, DHMR 23 05:04:40.3, 1.1, 99.9N, 44.03E, h15km, 149km, ML3.8, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ADEN Aden, UDYN AI 'Udayn, BDHA AI Bayda', etc.

NIED 23 05:05:38.7, 0.1, 38.33N, 142.20E, h35km, Mw3.6 Best double couple: M2.41000, 1014 NP1.29, 0.00000, 828.00000, lambda=57.00000, NP2.2, 0.00000, 867.00000, lambda=106.00000

JMA 23 05:05:33.7, 0.1, 38.33N, 142.24E, h37km, 2km, M3.8, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JIO Ouri, OFUJ Ofunato, JMK Ichinoseki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JYS Matsushiro, KAMCHATKA Peninsula, TUMD Tumrok D, etc.

ISC/JCB 23 05:22:23.1, 0.4, 37.20N, 0.01, 22.00E, 0.02, h4km, 3km, mb3.9/1.6, MS3.2/3, Error ellipse: s-maj=2.7km s-min=2.3km az=137.6

CSEM 23 05:22:23.8, 0.2, 37.23N, 22.02E, h2km, ML3.8, Error ellipse: s-maj=3.7km s-min=2.8km az=46.8

ATH 23 05:22:23.1, 37.23N, 22.02E, h8km, 2km, ML3.8/7, Error ellipse: s-maj=2.5km s-min=0.9km az=245.0

THE 23 05:22:24.1, 37.25N, 22.02E, h0km, 1km, ML3.8/31, Error ellipse: s-maj=1.9km s-min=0.7km az=243.0

IDC 23 05:22:29.5, 1.2, 37.22N, 22.01E, h62km, 13km, mb3.7/17, mb1.3/8.27, mb1mx3.7/53, mbtmp3.9/27, MS3.1/6, Ms1.3/1.6, ms1mx2.9/48, Error ellipse: s-maj=14.4km s-min=9.1km az=23.0

ISC 23 05:22:23.4, 0.8, 37.22N, 0.01, 22.02E, 0.01, h7km, 5km, n248, e1552/316, mb4.0/1.6, MS3.2/3, 7C-4D, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ITM Ithomi, VLX Vlachokerasia, PYL PYLOS, etc.

DRO Drossia, comp=N, 61015um, 0.7s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DRO Drossia, KLV Kalavryta, Ach, etc.

RLS Riolos of Patr, comp=N, 9118um, 0.6s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RLS Riolos of Patr, VLN Vitineika, etc.

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

ISC/JCB 23 05:22:23.1, 0.4, 37.20N, 0.01, 22.00E, 0.02, h4km, 3km, mb3.9/1.6, MS3.2/3, Error ellipse: s-maj=2.7km s-min=2.3km az=137.6

CSEM 23 05:22:23.8, 0.2, 37.23N, 22.02E, h2km, ML3.8, Error ellipse: s-maj=3.7km s-min=2.8km az=46.8

ATH 23 05:22:23.1, 37.23N, 22.02E, h8km, 2km, ML3.8/7, Error ellipse: s-maj=2.5km s-min=0.9km az=245.0

THE 23 05:22:24.1, 37.25N, 22.02E, h0km, 1km, ML3.8/31, Error ellipse: s-maj=1.9km s-min=0.7km az=243.0

IDC 23 05:22:29.5, 1.2, 37.22N, 22.01E, h62km, 13km, mb3.7/17, mb1.3/8.27, mb1mx3.7/53, mbtmp3.9/27, MS3.1/6, Ms1.3/1.6, ms1mx2.9/48, Error ellipse: s-maj=14.4km s-min=9.1km az=23.0

ISC 23 05:22:23.4, 0.8, 37.22N, 0.01, 22.02E, 0.01, h7km, 5km, n248, e1552/316, mb4.0/1.6, MS3.2/3, 7C-4D, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VIL2 Platees, PVO Paravola, PVO Paravola, etc.

DRO Drossia, comp=N, 61015um, 0.7s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DRO Drossia, KLV Kalavryta, Ach, etc.

RLS Riolos of Patr, comp=N, 9118um, 0.6s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RLS Riolos of Patr, VLN Vitineika, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ADEN Aden, UYDYN Al' Udayn, and various other locations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DHMR 23 05:30:05.5, NEIC 23 05:33:05.8, and various other locations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RRRZ Republican R, SHANNON Shannon, and various other locations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MEX 23 05:23:48.1, CCIG Comitán, and various other locations.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Palliser, Tory Channel, Tuamarina, etc.

CSEM 23 05:34:44.0, 12.10N, 43.93E, h12km, ML3.7
DHMR 23 05:34:44.0, 1.7, 12.10N, 43.93E, h12km, 21km, ML3.7, 2C,

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

NIED 23 05:35:00, 37.30N, 141.80E, h29km, Mw3.8 Best double couple: M=5.76000x10^14 NP1.0s125.00000, s21.00000,

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

ISCJB 23 05:35:06.9, 1.3, 37.23N, 104.142E, 0.07, h22km, 8km, mb=7.10, MS4.0.1, Error ellipse: s-maj=8.9km

JMA 23 05:35:40.5, 0.2, 37.26N, 141.79E, h45km, 4km, M3.9
ISC 23 05:35:35.4, 2.0, 37.29N, 104.142E, 0.06, h4km, 11km,

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JFK, ONAJ, JHM, etc.

CSEM 23 05:37:38.3, 12.05N, 44.08E, h16km, ML3.5
DHMR 23 05:37:38.3, 0.7, 12.05N, 44.08E, h17km, 55km, ML3.5,

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

CSEM 23 05:38:36.5, 12.15N, 44.12E, h14km, ML3.9,

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

CSEM 23 05:44:30.4, 12.00N, 44.03E, h11km, ML3.6
DHMR 23 05:44:30.4, 0.9, 12.00N, 44.03E, h12km, 18km, ML3.6,

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

BUI 23 05:46:16.8, 37.05N, 105.10W, h8km, mb5.3/18, MB5.6/21, Ms5.4/23, Ms7.5/123

ISCJB 23 05:46:16.4, 0.1, 37.10N, 104.484W, 0.009, h10km, mb5.0/148, MS4.9/60, Error ellipse: s-maj=1.5km

ISC 23 05:46:17.0, 1.0, 37.12N, 104.79W, h0km, mb4.8/27, mb1.4/9.34, mb1mx4.7/48, mbtmp4.7/34, ML4.0, 6, MS4.8/36,

MOS 23 05:46:18.8, 1.1, 37.04N, 104.69W, h19km, mb5.4/46, MS5.0/15, Error ellipse: s-maj=5.3km s-min=4.2km

NEIC 23 05:46:18.2, 0.1, 37.06N, 104.70W, h4km, 1km, mb5.0/151, MW5.3, Error ellipse: s-maj=9.1km s-min=6.4km az=86.0,

NEIC 23 05:46:18.2, 0.1, 37.06N, 104.70W, h4km, 1km, mb5.0/151, MW5.3, Error ellipse: s-maj=9.1km s-min=6.4km az=86.0,

NEIC 23 05:46:18.2, 0.1, 37.06N, 104.70W, h4km, 1km, mb5.0/151, MW5.3, Error ellipse: s-maj=9.1km s-min=6.4km az=86.0,

NEIC 23 05:46:18.2, 0.1, 37.06N, 104.70W, h4km, 1km, mb5.0/151, MW5.3, Error ellipse: s-maj=9.1km s-min=6.4km az=86.0,

NEIC 23 05:46:18.2, 0.1, 37.06N, 104.70W, h4km, 1km, mb5.0/151, MW5.3, Error ellipse: s-maj=9.1km s-min=6.4km az=86.0,

NEIC 23 05:46:18.2, 0.1, 37.06N, 104.70W, h4km, 1km, mb5.0/151, MW5.3, Error ellipse: s-maj=9.1km s-min=6.4km az=86.0,

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NEIC 23 05:46:18.2, 0.1, 37.06N, 104.70W, h4km, 1km, mb5.0/151, MW5.3, Error ellipse: s-maj=9.1km s-min=6.4km az=86.0,

NEIC 23 05:46:18.2, 0.1, 37.06N, 104.70W, h4km, 1km, mb5.0/151, MW5.3, Error ellipse: s-maj=9.1km s-min=6.4km az=86.0,

NEIC 23 05:46:18.2, 0.1, 37.06N, 104.70W, h4km, 1km, mb5.0/151, MW5.3, Error ellipse: s-maj=9.1km s-min=6.4km az=86.0,

NEIC 23 05:46:18.2, 0.1, 37.06N, 104.70W, h4km, 1km, mb5.0/151, MW5.3, Error ellipse: s-maj=9.1km s-min=6.4km az=86.0,

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISCO, MVO, AMTX, etc.

23d 5h

NLU	North Lily Min	6.50 299	ePn	Pn	05 47 55.1 +0.2
T35A	Sooner Cattle	6.51 89	P	Pn	05 47 53.9 -1.0
bazz=274					
KNB	Kanab	6.54 272	eP	Pn	05 47 55.7 +0.2
KNB	Kanab	6.54 272	ePn	Pn	05 47 55.7 +0.2
BHU	Blowhard Mount	6.56 277	ePn	Pn	05 47 56.2 +0.3
GMU	Granite Mounta	6.57 304	ePg	Pb	05 48 18.0 +4.5
W35A	Tecumseh	6.58 105	P	Pn	05 47 54.6 -1.2
bazz=289,SNR=67					
P34A	Walnut Farm, R	6.63 66	P	Pn	05 47 53.9 -2.6
bazz=281,SNR=28					
Z34A	Collier Ranch,	6.63 122	P	Pn	05 47 55.8 -0.8
bazz=306					
BGNE	Belgrade	6.65 47	P	Pn	05 47 56.0 -0.8
bazz=292					
BGNE	Belgrade	6.65 47	ePn	Pn	05 47 56.6 -0.3
KSU1	Kansas State U	6.66 70	P	Pn	05 47 55.4 -1.5
bazz=255,SNR=17					
KSU1	Kansas State U	6.66 70	ePn	Pn	05 47 56.1 +1.2
S35A	Otter Creek Ra	6.66 82	eP	Pn	05 47 55.6 -1.4
bazz=267					
N33A	J Bar K, Exete	6.70 55	P	Pn	05 47 55.8 -1.8
bazz=299					
SZCU	Shurtz Canyon	6.75 277	ePn	Pn	05 47 56.1 -0.2
X35A	Drake	6.79 111	P	Pn	05 47 57.4 -1.3
bazz=295					
R35A	Emporia Munic	6.82 77	P	Pn	05 47 57.4 -1.7
bazz=262,SNR=10.0					
BW06	Boulder Array	6.83 328	P	Pn	05 47 58.5 -1.0
bazz=145					
BW06	Boulder Array	6.83 328	ePn	Pn	05 47 59.1 -0.3
BW06	Boulder Array	6.83 328	ePn	Pn	05 47 59.2 -0.3
PD31	Pinedale Array	6.83 328	ePn	Pb	05 48 15.3 -2.6
PD31	Pinedale Array	6.83 328	ePn	Lg	05 49 49.1
PDAR	Pinedale Array	6.83 328	Pn	Pn	05 47 59.0 -0.5
comp=Z,8,3nm,0.3s,bazz=132,slow=13,SNR=207					
PDAR	Pinedale Array	6.83 328	Pg	Pb	05 48 15.3 -2.6
comp=Z,8,3nm,0.3s,bazz=129,slow=16,SNR=19					
PDAR	Pinedale Array	6.83 328	Lg	Lg	05 49 49.1
comp=Z,31nm,0.3s,bazz=135,slow=33,SNR=3.8					
FPU	Francis Peak	6.85 307	ePn	Pn	05 47 59.3 -0.6
319A	Douglas	6.85 215	ePn	Pn	05 47 58.8 -0.9
LCMT	Little Creek M	6.87 272	ePn	Pn	05 47 59.3 -0.3
MCU	Monte Cristo P	6.89 312	ePn	Pn	05 48 00.0 +4.8
IMU	Iron Mountain	6.91 286	ePg	Pb	05 48 24.2 +0.4
Z33A	Rising Star	6.92 135	P	Pn	05 47 59.5 -1.0
bazz=318					
TUC	Tucson	6.93 229	P	Pn	05 48 00.6 -0.2
bazz=45					
TUC	Tucson	6.93 229	eP	Pn	05 48 01.1 +0.3
TUC	Tucson	6.93 229	ePn	Pn	05 48 01.1 +0.3
RSUT	Red Spur Mount	6.95 313	ePn	Pn	05 48 01.0 -0.2
O34A	Beatrice	6.96 61	P	Pn	05 47 58.5 -2.6
bazz=246					
CCUT	Cedar City	6.96 277	ePn	Pn	05 48 00.9 -0.5
Y35A	Marietta	6.96 115	P	Pn	05 48 00.5 -0.7
bazz=299					
T36A	Boege Farm, Ca	7.01 87	P	Pn	05 48 00.4 -1.4
bazz=273					
134A	White-Moore Ra	7.02 128	P	Pn	05 48 01.3 -0.6
bazz=311					
HWUT	Hardware Ranch	7.02 312	ePn	Pn	05 48 02.4 +0.3
Q35A	Mercer Eighty,	7.03 73	P	Pn	05 48 00.2 -1.9
bazz=258,SNR=56					
BMUT	Black Mountain	7.05 316	ePn	Pn	05 48 02.4 -0.2
RSSD	Black Hills	7.06 4	P	Pn	05 48 01.3 -1.3
bazz=184					
RSSD	Black Hills	7.06 4	eP	Pn	05 48 02.8 +0.1
RSSD	Black Hills	7.06 4	ePn	Pn	05 48 02.8 +0.1
W36A	Wetumka	7.08 103	P	Pn	05 48 01.5 -1.3
bazz=288,SNR=54					
NAIU	Northern Antel	7.09 306	ePn	Pn	05 48 02.0 -1.1
Z35A	Perchewen, San	7.11 119	P	Pn	05 48 02.7 -0.4
bazz=304					
DUG	Dugway, Tooele	7.11 299	P	Pn	05 48 02.8 -0.5
bazz=114					
DUG	Dugway, Tooele	7.11 299	eP	Pn	05 48 04.3 +1.0
DUG	Dugway, Tooele	7.11 299	ePn	Pn	05 48 04.3 +1.0
V36A	Jenks	7.13 98	P	Pn	05 48 02.6 -0.9
bazz=283,SNR=18					
GZU	Grizzly Peak	7.16 310	ePn	Pn	05 48 04.5 +0.4
K31A	O'Neill	7.16 37	P	Pn	05 48 03.8 -0.1
bazz=221					
X36A	Centrahoma	7.18 108	P	Pn	05 48 03.3 -0.9
bazz=293					
U36A	Oologah	7.19 93	P	Pn	05 48 03.7 -0.6
bazz=278,SNR=25					
SNUT	Stansbury Nort	7.21 304	ePn	Pn	05 48 03.6 -1.1
P35A	Duane Minner,	7.22 67	P	Pn	05 48 02.7 -2.0
bazz=253					
TUL1	Leonard	7.23 97	P	Pn	05 48 04.0 -0.7
bazz=282,SNR=58					
TUL1	Leonard	7.23 97	ePn	Pn	05 48 03.8 -0.9
S36A	Lake Cedric, C	7.24 82	P	Pn	05 48 04.1 -0.8
bazz=268					
WVUT	Wellsville	7.28 311	ePn	Pn	05 48 06.1 +0.8
HDU	Hyde Park	7.28 313	ePn	Pn	05 48 05.5 +0.2
M33A	Taylor Creek F	7.32 50	P	Pn	05 48 05.1 -0.9
bazz=235					
R36A	Gordon, Harris	7.36 77	P	Pn	05 48 06.0 -0.6
bazz=283,SNR=73					
Z34A	Clairette	7.37 131	P	Pn	05 48 05.4 -1.4
bazz=315					
N34A	Lincoln	7.38 57	P	Pn	05 48 05.2 -1.6
bazz=243,SNR=12					
SPUT	South Promonto	7.39 307	ePn	Pn	05 48 06.4 -0.8
333A	Richland Sprin	7.40 139	P	Pn	05 48 05.5 -1.7
bazz=322					
LTU	Little Mountai	7.42 310	ePn	Pn	05 48 07.3 -0.3
PSUT	Pine Spring	7.42 310	ePn	Pn	05 48 08.8 +1.0
135A	Vickery Place,	7.46 125	P	Pn	05 48 07.2 -0.8
bazz=309					
Q36A	Arnold C. Orve	7.50 73	P	Pn	05 48 06.6 -1.8
bazz=258,SNR=73					
Y14A	Wickenburg	7.50 248	ePn	Pn	05 48 09.7 +1.2
Y36A	Durant	7.52 118	P	Pn	05 48 07.8 -0.9
bazz=297					
AHD	Auburn Hatcher	7.54 321	ePn	Pn	05 48 09.2 -0.1
B35A	Humboldt	7.54 62	P	Pn	05 48 06.8 -2.3
bazz=248,SNR=16					
OGU	Big Grassy Mou	7.58 303	ePn	Pn	05 48 09.6 -0.1
K32A	Verdigre	7.58 41	P	Pn	05 48 09.5 -0.2
bazz=225					
H25A	Fruitdale	7.59 6	P	Pn	05 48 09.2 -0.5
bazz=187					
MLJ	Malad Range	7.61 313	ePn	Pn	05 48 07.1 -3.1
MTUT	Morton Thiokol	7.62 310	ePn	Pn	05 48 09.5 -0.7
L33A	Hoskins	7.63 46	P	Pn	05 48 09.6 -0.7
bazz=231					
M34A	Aspy Farms, Fr	7.66 52	P	Pn	05 48 09.3 -1.4
bazz=237					
U37A	Salina	7.68 92	P	Pn	05 48 10.0 -1.0
bazz=278					
J31A	Geddes	7.69 34	P	Pn	05 48 10.9 -0.1
bazz=218					
W37B	Quinton	7.71 102	P	Pn	05 48 10.1 -1.2
bazz=287,SNR=57					
JCT	Junction City	7.71 147	P	Pn	05 48 09.9 -1.5
JCT	Junction City	7.71 147	ePn	Pn	05 48 13.7 +2.3
JCT	Junction City	7.71 147	ePn	Pn	05 48 13.7 +2.3
Z36A	Blue Ridge	7.72 117	P	Pn	05 48 10.7 -0.8
bazz=302					
W13A	Hualapai Mount	7.73 258	ePn	Pn	05 48 12.2 +0.3
V37A	Hubert	7.75 96	P	Pn	05 48 10.8 -1.1
bazz=282,SNR=116					
TX31	Lajitas Ar. Si	7.76 174	ePn	Pn	05 48 12.2 +0.1
TX31	Lajitas	7.76 174	ePn	Pn	05 48 12.2 +0.1
LTX	Lajitas	7.76 174	ePn	Pn	05 48 12.3 +0.1
LTX	Lajitas	7.76 174	ePn	Lg	05 50 18.6
LTX	Lajitas	7.76 174	ePn	Lg	05 51 34.0
TXAR	Lajitas Array	7.76 174	Pn	Pn	05 48 12.2 +0.1
comp=Z,2,1nm,0.3s,bazz=19,slow=10,SNR=141					
TXAR	Lajitas Array	7.76 174	Lg	Lg	05 50 18.6
comp=Z,36nm,0.3s,bazz=353,slow=27,SNR=5.2					
TXAR	Lajitas Array	7.76 174	LR	LR	05 51 34.0
comp=Z,5um,18.4s,bazz=0,slow=40					
137A	Cheneyville 18	7.78 87	P	Pn	05 48 10.2 -2.1
bazz=272					
WHTX	Lake Whitney,	7.80 128	P	Pn	05 48 12.0 -0.7
bazz=512					
WHTX	Lake Whitney,	7.80 128	ePn	Pn	05 48 12.8 +0.2
334A	Lometa	7.80 135	P	Pn	05 48 11.1 -1.5

2011 AUG

433A	Art	7.81 142	P	Pn	05 48 10.8 -1.9
bazz=319					
P37A	Good Intent, A	7.84 68	P	Pn	05 48 11.1 -2.1
bazz=325					
S36A	Fort Scott	7.85 82	P	Pn	05 48 12.0 -1.2
bazz=268					
HVU	Hansel Valley	7.85 309	eP	Pn	05 48 12.6 -0.9
HVU	Hansel Valley	7.85 309	ePn	Pn	05 48 12.6 -0.9
REDW	Red Top Meadow	7.88 325	ePn	Pn	05 48 14.3 +0.4
R37A	Teagarden Farm	7.88 78	P	Pn	05 48 12.4 -1.3
bazz=264,SNR=85					
SNOW	Snow King Mount	7.91 326	ePn	Pn	05 48 14.2 -0.2
X37A	Clayton	7.93 105	P	Pn	05 48 12.6 -1.8
bazz=291					
L0HW	Long Hollow	7.96 327	ePn	Pn	05 48 15.2 +0.2
N35A	Tabor	7.97 59	P	Pn	05 48 12.8 -2.1
bazz=245,SNR=9.7					
TPAW	Teton Pass	8.02 325	ePn	Pn	05 48 15.8 -0.1
L34A	Svensden Farm,	8.05 50	P	Pn	05 48 14.4 -1.6
bazz=235					
K33A	Hardington	8.07 44	P	Pn	05 48 15.6 -0.8
bazz=229					
136A	Emmis	8.10 122	P	Pn	05 48 16.2 -0.5
bazz=307					
MOOW	Moose Ponds	8.13 327	ePn	Pn	05 48 17.2 -0.2
J32A	Parkston	8.16 37	P	Pn	05 48 17.2 -0.4
bazz=222					
FXWV	Fox Creek	8.17 325	ePn	Pn	05 48 17.4 -0.5
O36A	Bolckow	8.18 65	P	Pn	05 48 15.0 -2.8
bazz=251,SNR=7.1					
434A	Burnet	8.18 138	P	Pn	05 48 16.1 -1.8
bazz=321					
M35A	Neola	8.22 55	P	Pn	05 48 15.7 -2.6
bazz=241					
Q37A	Longview Farm,	8.25 74	P	Pn	05 48 17.2 -1.7
bazz=260,SNR=36					
U38A	Gravelite	8.26 91	P	Pn	05 48 18.2 -0.8
bazz=277					
T38A	Diamond	8.28 87	P	Pn	05 48 18.2 -1.0
bazz=273					
335A	Moody	8.31 132	P	Pn	05 48 18.4 -1.2
bazz=266					
X38A	Whitesboro	8.32 104	P	Pn	05 48 18.8 -1.0
bazz=290,SNR=203					
IMW	Indian Meadow	8.33 327	ePn	Pn	05 48 19.4 -0.8
V38A	Genesill	8.34 95	P	Pn	05 48 18.6 -1.4
Z37A	Pogue Cattle C	8.34 115	P	Pn	05 48 18.7 -1.3
bazz=300					
I31A	Royce, Wessing	8.37 32	P	Pn	05 48 19.4 -1.0
bazz=216					
FLWY	Flagg Ranch	8.38 329	ePn	Pn	05 48 20.3 -0.4
Z36A	Katherine and	8.39 125	P	Pn	05 48 19.5 -1.1
bazz=309					
533A	Kerrville	8.40 145	P	Pn	05 48 19.5 -1.5
bazz=328					
NEE2	Needles Airpor	8.41 257	P	Pn	05 48 19.9 -1.1
bazz=71					
N36A	Muff Farm, Cla	8.42 61	P	Pn	05 48 19.5 -1.7
bazz=247					
W38A	Poteau	8.44 10			

23d 6h

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like WAKR Walker, AKASG Malin Array B, AKKB Malin Array S, etc.

2011 AUG

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like TXAR Lajitas Array, ES19 SONSECA Array, TORD Torodi Ar. Bea, etc.

1180

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like URFA Urfa, URFA SANLIURFA_SURC, DRWC Darouich, etc.

23d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Muleshoe, Paradox Valley, Pilot Hill, Cedar Bluff, etc.

MEX 23 09:41:01.71.0.5, 16'08N:97'06W, h32km, 20km, MD3.8,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Puerto Angel, Huatulco, Vista Hermosa, etc.

CSEM 23 09:43:36.2, 12'15N:43'92E, h7km, ML3.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Aden, Al Udayn, DHBB, etc.

IDC 23 09:47:31.51.2.9, 15'03N:42'10E, h0km, mb3.7/4,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Aden, Al Udayn, DHBB, etc.

DHMR 23 09:52:15.31.1.7, 11'93N:43'94E, h12km, 434km, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Aden, Al Udayn, DHBB, etc.

IDC 23 09:59:52.6.0.5, 13'58N:144'14E, h224km, 6km, mb3.3/10,

2011 AUG

mb1 3.4/1.1, mb1mx3.2/46, mbtomp3.8/11, Error ellipse: s-maj=27.0km s-min=11.5km az=82.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO, JOW, JNU, MJAR, etc.

CSEM 23 10:12:07.9, 12'05N:43'92E, h15km, ML4.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Aden, Al Udayn, DHBB, etc.

DHMR 23 10:16:05.2.0.6, 11'31N:43'95E, h14km, 12km, ML4.0, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Aden, Al Udayn, DHBB, etc.

CSEM 23 10:21:18.4, 12'14N:43'95E, h12km, ML4.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Aden, Al Udayn, DHBB, etc.

ISC/JB 23 10:41:57.0.0.9, 18'6S:0'1x169'2E=0'1, h100km, mb4.3/8,

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

IDC 23 10:41:58.6.1.0, 18'6S:0'1x169'2E=0'1, h100km, n15,

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

SJA 23 10:54:52.3.1.3, 31'22S:72'49W, h54km, 27km, ML4.7,

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

IDC 23 10:54:53.1.0.8, 31'31S:71'77W, h0km, mb4.4/5,

1184

ISC 23 10:54:53.8.0.7, 31'23S:72'03.71'93W, 0.05, h10km, n54,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tololo Astrono, El Roble, Peidehue, etc.

ACCQ 23 10:55:42.0.6, Pp, 10 55 40.2 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SJA, MOGNA, Cerro Valdivia, etc.

VCA 23 10:56:03.0.2, Pp, 10 56 03.0 -2.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tanti, Limon Verde, Paso Flores, etc.

CPUP 23 10:58:07.9.2, Pn, 10 58 07.9 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ, SIV, NNA, etc.

DBIC 23 10:59:16.1.6, P, 10 59 16.1 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TORO, MATP, WRA, etc.

H1S2 23 10:59:25.8.2, T, 13 32 42.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1S1, H1S3, H1N1, etc.

BVAR 23 10:59:25.8.2, P, 11 14 31.8 +0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURB, KURK, ZALV, etc.

KRNET 23 11:04:32.4.0.1, 39'49N:76'80E, mb3.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NRN, KDJ, ULHL, etc.

ANVS 23 11:05:27.3.1.2, Pn, 11 05 27.3 +1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANVS, KBK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVZ Karewarewa, PKGZ Pakihiroa, ARHZ Aropoanui, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KIW Kapiti Island, TMWZ Te Maipa, MTWV Mount Morrison, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, TXAR Lajitas Array, etc.

2509/16, mb3.4/4, 3C, Southwestern Siberia

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
KRAR	Krasnoyarsk	1.56 299	iPN	Op	Pb	13 32 00	+2.1
KRAR	Krasnoyarsk	1.56 299	iPN	Op	Pb	13 32 25	-1.1
BLRR	Bol'shaya Rech	2.81 218	iPN	Pn	Pn	13 32 17	-2.9
SHRR	Shira	3.07 257	iPN	Pn	Pn	13 32 23	-1.3
SHRR	Shira	3.07 257	iPN	Pn	Pn	13 33 04.8	
CERR	Cheremushki	3.34 225	ePN	Pn	Pn	13 32 24.2	+2.3
CERR	Cheremushki	3.34 225	ePN	Pn	Pn	13 33 04.6	
TBTR	Tabat	3.58 238	iPN	Pn	Pn	13 32 23.9	-1.3
TBTR	Tabat	3.58 238	iPN	Pn	Pn	13 32 15.3	
KZLR	Kyzyl	3.62 181	iPN	Pn	Pn	13 32 25.8	+0.1
BZLR	Berchikul	3.99 278	iPN	Pb	Pb	13 32 42.6	+2.6
BRCT	Elitsovka	5.68 253	ePN	Pn	Pn	13 33 37.6	
ELT	Elitsovka	5.68 253	ePN	Pn	Pn	13 32 52.5	-1.6
ARTR	Artybashi	5.92 237	ePN	Pb	Pb	13 33 16.9	+4.1
ARTR	Artybashi	5.92 237	ePN	Pb	Pb	13 34 26.3	
TLY	Talaya	6.14 122	Lg	Lg	Lg	13 34 29.5	
ZALV	Zalesovo Beam	6.24 252	Pn	Pn	Pn	13 33 07.3	+5.6
ZALV	Zalesovo Beam	6.24 252	Pn	Pn	Pn	13 34 44.2	
AKAR	Aktash	6.81 226	ePN	Pb	Pb	13 33 32.8	+4.7
AKAR	Aktash	6.81 226	ePN	Pb	Pb	13 34 52.5	
NVS	Novosibirsk	6.95 271	eP*	Pg	Pg	13 33 40.7	-1.9
NVS	Novosibirsk	6.95 271	eP*	Pg	Pg	13 35 04.1	
SUNM	Songino Array	10.15 133	Lg	Lg	Lg	13 36 36.4	
KURK	Kurchatov	11.04 252	Pn	Pn	Pn	13 34 07.5	+0.1
KURB	Kurchatov Arra	11.13 252	Pn	Pn	Pn	13 34 07.5	-1.3
AKTO	Aktuybinsk	22.84 273	P	P	P	13 36 32.3	-0.3
FINES	FINES Array B	35.24 309	P	P	P	13 38 25.1	+1.3
NOA	NORSAR Array B	41.83 313	P	P	P	13 39 20.2	+1.0
ILAR	Gleison Array	51.20 29	P	P	P	13 40 31.4	-1.2
ILAR	Gleison Array	51.20 29	P	P	P	13 44 44.0	

WEL 23 13:33:46.2.0.1, 39.34S-177.32E, h32km, ML3.8/7.4, 13C-8D, Error ellipse: s-maj=0.8km s-min=0.5km az=90.0, Off east coast of North Island

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
ARHZ	Aropoanui	0.26 288	iP*	Op	Pb	13 33 52.7	-0.7
ARHZ	Aropoanui	0.26 288	iP*	Op	Pb	13 33 58.6	+0.1
WHZH	Waihua	0.27 346	iP*	Pb	Pb	13 33 52.8	-0.8
WHZH	Waihua	0.27 346	iP*	Pb	Pb	13 33 58.7	+0.1
CKHZ	Cape Kidnapper	0.36 210	iP*	Pn	Pn	13 33 55.1	-0.1
CKHZ	Cape Kidnapper	0.36 210	iP*	Pn	Pn	13 34 03.7	
KNZ	Kokohu	0.42 41	iP*	Pb	Pb	13 33 55.4	-0.2
KNZ	Kokohu	0.42 41	iP*	Pb	Pb	13 34 04.8	
NMHZ	Naumai	0.47 302	iP*	Pb	Pb	13 33 55.8	-0.5
NMHZ	Naumai	0.47 302	iP*	Pb	Pb	13 34 04.6	
MCHZ	McNeill Hill	0.49 258	iPN	Pb	Pb	13 33 56.7	+0.1
MCHZ	McNeill Hill	0.49 258	iPN	Pb	Pb	13 34 06.4	
MHGZ	Mahia Peninsula	0.50 68	iPN	Pn	Pn	13 33 56.9	+0.2
MHGZ	Mahia Peninsula	0.50 68	iPN	Pn	Pn	13 34 03.8	
SNGZ	Shannon Station	0.56 2	iPN	Pb	Pb	13 33 57.3	-0.5
SNGZ	Shannon Station	0.56 2	iPN	Pb	Pb	13 34 07.8	
KAHZ	Kahuranaki	0.56 217	iPN	Pn	Pn	13 34 14.5	
KAHZ	Kahuranaki	0.56 217	iPN	Pn	Pn	13 33 58.2	+0.1
PRGZ	Paritua Road	0.61 46	PN	Pb	Pb	13 33 58.3	-0.2
PRGZ	Paritua Road	0.61 46	PN	Pb	Pb	13 34 10.1	
BKZ	Black Stump Fm	0.66 285	iPN	SN	Sb	13 34 08.4	-1.1
BKZ	Black Stump Fm	0.66 285	iPN	SN	Sb	13 34 09.4	
KWZH	Kaweka Forest	0.70 263	iPN	Pn	Pn	13 33 59.5	-0.4
KWZH	Kaweka Forest	0.70 263	iPN	Pn	Pn	13 34 11.7	
RIGZ	Rimuhau	0.72 29	PN	Pn	Pn	13 33 60.0	-0.3
RIGZ	Rimuhau	0.72 29	PN	Pn	Pn	13 34 12.6	
PXZ	Pawanui	0.77 207	PN	Pn	Pn	13 34 00.4	-0.5
PXZ	Pawanui	0.77 207	PN	Pn	Pn	13 34 12.5	
PXZ	Pawanui	0.77 207	PN	Pn	Pn	13 34 12.5	
PXZ	Pawanui	0.77 207	PN	Pn	Pn	13 34 12.5	
RTZ	Ruatahuna	0.77 340	PN	Pn	Pn	13 33 59.8	-1.1
KRHZ	Kereru	0.79 248	iPN	Pn	Pn	13 34 00.7	-0.4
KRHZ	Kereru	0.79 248	iPN	Pn	Pn	13 34 14.6	
RAGZ	Rawiri	0.85 5	ePN	Pn	Pn	13 34 01.6	-0.4
RAGZ	Rawiri	0.85 5	ePN	Pn	Pn	13 34 15.3	
MRHZ	Matea Rd	0.87 306	iPN	Pn	Pn	13 34 01.8	-0.4
MRHZ	Matea Rd	0.87 306	iPN	Pn	Pn	13 34 16.0	
MUGZ	Murupara	0.96 334	iPN	Pn	Pn	13 34 03.1	-0.4
MUGZ	Murupara	0.96 334	iPN	Pn	Pn	13 34 03.6	-0.3
WPHZ	Waipekapeka	0.96 323	PN	Pn	Pn	13 34 03.4	-0.4
WPHZ	Waipekapeka	0.96 323	PN	Pn	Pn	13 34 35.4	
TKGZ	Te Karaka	0.99 25	iPN	Pn	Pn	13 34 03.9	-0.6
TKGZ	Te Karaka	0.99 25	iPN	Pn	Pn	13 34 17.9	
MWZ	Matawai	1.02 9	iPN	Pn	Pn	13 34 03.5	-0.9
MWZ	Matawai	1.02 9	iPN	Pn	Pn	13 34 19.7	
PNHZ	Pukenui	1.03 236	PN	Pn	Pn	13 34 22.3	
PNHZ	Pukenui	1.03 236	PN	Pn	Pn	13 34 03.9	-0.6
HATZ	Hinemaia Rd	1.05 295	PN	Pn	Pn	13 34 40.2	
HATZ	Hinemaia Rd	1.05 295	PN	Pn	Pn	13 34 04.7	-0.1
PRHZ	Porangahau	1.06 209	PN	Pn	Pn	13 34 28.9	
PRHZ	Porangahau	1.06 209	PN	Pn	Pn	13 34 04.1	-0.7
ALRZ	Allen Road	1.09 315	PN	Pn	Pn	13 34 05.1	-0.1
ALRZ	Allen Road	1.09 315	PN	Pn	Pn	13 34 26.4	
URZ	Urewera	1.09 351	PN	Pn	Pn	13 34 27.2	
URZ	Urewera	1.09 351	PN	Pn	Pn	13 34 04.8	-0.5
CNGZ	Carnagh Station	1.10 39	PN	Pn	Pn	13 34 04.9	-0.5
CNGZ	Carnagh Station	1.10 39	PN	Pn	Pn	13 34 36.5	
PRRZ	Plateau Road	1.11 319	PN	Pn	Pn	13 34 05.1	-0.4
PRRZ	Plateau Road	1.11 319	PN	Pn	Pn	13 34 29.4	
RRRZ	Republican Roa	1.18 328	iPN	Pn	Pn	13 34 29.7	
RRRZ	Republican Roa	1.18 328	iPN	Pn	Pn	13 34 06.0	-0.5
RRRZ	Republican Roa	1.18 328	iPN	Pn	Pn	13 34 25.1	
RITZ	Rihia Road	1.19 287	iPN	Pn	Pn	13 34 27.2	
RITZ	Rihia Road	1.19 287	iPN	Pn	Pn	13 34 07.4	+0.7
MOVZ	Moawhango	1.21 267	iPN	Pn	Pn	13 34 26.4	
MOVZ	Moawhango	1.21 267	iPN	Pn	Pn	13 34 32.4	
WPRZ	Whakapapatarin	1.22 312	ePN	Pn	Pn	13 34 07.4	+0.4
WPRZ	Whakapapatarin	1.22 312	ePN	Pn	Pn	13 34 28.2	
WPRZ	Whakapapatarin	1.22 312	ePN	Pn	Pn	13 34 06.7	-0.3
WPRZ	Whakapapatarin	1.22 312	ePN	Pn	Pn	13 34 16.1	
HRRZ	Handcock Road	1.25 319	PN	Pn	Pn	13 34 32.2	
HRRZ	Handcock Road	1.25 319	PN	Pn	Pn	13 34 07.1	-0.4
HRRZ	Handcock Road	1.25 319	PN	Pn	Pn	13 34 33.5	
TSZ	Takapari Road	1.26 302	PN	Pn	Pn	13 34 07.7	+0.1
TSZ	Takapari Road	1.26 302	PN	Pn	Pn	13 34 06.9	-0.8
TSZ	Takapari Road	1.26 302	PN	Pn	Pn	13 34 23.3	
TARZ	Mount Tarawera	1.27 330	PN	Pn	Pn	13 34 26.7	-0.3
TARZ	Mount Tarawera	1.27 330	PN	Pn	Pn	13 34 16.5	
TARZ	Mount Tarawera	1.27 330	PN	Pn	Pn	13 34 31.7	
TWGZ	Tauwhareparea	1.28 24	PN	Pn	Pn	13 34 07.2	-0.6

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
TWGZ	Angora Road	1.29 210	PN	Pn	Pn	13 34 26.4	
TWGZ	Angora Road	1.29 210	PN	Pn	Pn	13 34 26.6	
ANWZ	Tukino	1.29 273	PN	Pn	Pn	13 34 07.0	-1.0
ANWZ	Tukino	1.29 273	PN	Pn	Pn	13 34 50.0	
TUVZ	Rangitukua	1.29 291	PN	Pn	Pn	13 34 50.1	
TUVZ	Rangitukua	1.29 291	PN	Pn	Pn	13 34 27.8	
RATZ	Rangitukua	1.29 291	PN	Pn	Pn	13 34 33.5	
RATZ	Rangitukua	1.29 291	PN	Pn	Pn	13 34 08.0	-0.1
RATZ	Rangitukua	1.29 291	PN	Pn	Pn	13 34 31.0	
OTVZ	Oturere	1.29 277	PN	Pn	Pn	13 34 44.4	
OTVZ	Oturere	1.29 277	PN	Pn	Pn	13 34 28.4	+0.2
OTVZ	Oturere	1.29 277	PN	Pn	Pn	13 34 29.5	
DVHZ	Dannevirke	1.30 223	PN	Pn	Pn	13 34 40.8	-0.8
DVHZ	Dannevirke	1.30 223	PN	Pn	Pn	13 34 07.3	-0.8
DVHZ	Dannevirke	1.30 223	PN	Pn	Pn	13 34 43.0	
KATZ	Kakaramea	1.31 286	PN	Pn	Pn	13 34 43.4	
KATZ	Kakaramea	1.31 286	PN	Pn	Pn	13 34 08.6	+0.1
EDRZ	Edgcombe	1.32 340	PN	Pn	Pn	13 34 40.1	
EDRZ	Edgcombe	1.32 340	PN	Pn	Pn	13 34 07.8	-0.6
EDRZ	Edgcombe	1.32 340	PN	Pn	Pn	13 34 37.4	
EDRZ	Edgcombe	1.32 340	PN	Pn	Pn	13 34 44.5	
KRWZ	Karewarewa	1.32 280	PN	Pn	Pn	13 34 08.9	+0.3
KRWZ	Karewarewa	1.32 280	PN	Pn	Pn	13 34 31.2	
KRWZ	Karewarewa	1.32 280	PN	Pn	Pn	13 34 43.1	
HSRZ	Hossack Road	1.33 321	ePN	Pn	Pn	13 34 08.2	-0.3
HSRZ	Hossack Road	1.33 321	ePN	Pn	Pn	13 34 13.8	
HSRZ	Hossack Road	1.33 321	ePN	Pn	Pn	13 34 30.0	
WHVZ	Whangaeu Hut	1.34 272	ePN	Pn	Pn	13 34 01.1	+0.3
WHVZ	Whangaeu Hut	1.34 272	ePN	Pn	Pn	13 34 08.0	0.0
WHVZ	Whangaeu Hut	1.34 272	ePN	Pn	Pn	13 34 28.8	
WHVZ	Whangaeu Hut	1.34 272	ePN	Pn	Pn	13 34 42.1	
NGZ	Ngaurohoe	1.34 277	PN	Pn	Pn	13 34 09.0	+0.1
NGZ	Ngaurohoe	1.34 277	PN	Pn	Pn	13	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pelee Case Pet, Pelee Case Pet, PML, etc.

MEX 23 14:06:57.9, 0.4, 16.57N:98.47W, h2km, 19km, MD3.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PNIG, PNIG, TLIG, etc.

ISCJB 23 14:11.8, 0.2, 37.12N:0.02, 104.65W, 0.02, h10km, mb3.8/6, MS3.5/3, Error ellipse: s-maj=3.2km s-min=2.3km az=27.0

Code Station Name Az Phase ID Time Res. Includes station names like T25A, T25A, T25A, etc.

ISC 23 14:11.2, 0.5, 37.07N:0.03, 104.76W, 0.02, h10km, n106, az=98/119, mb3.8/6, MS3.4/3, Colorado

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like T25A, T25A, T25A, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRJU, TRJU, TRJU, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMLA, SMLA, SMLA, etc.

23d 15h

mb1 4.0/18, mb1mx3.9/54, mbtmp3.9/18, ML3.7/4, MS3.1/5, Ms1 3.2/5, ms1mx2.8/34, Error ellipse: s-maj=22.8km s-min=16.3km az=95.0

JMA 23 14:56:20.6, 0.2, 36.78N; 141.180E, h54km, M3.9

NEIC 23 14:56:21.6, 2.1, 36.78N; 141.180E, h30km, M5.9, mb4.5/3, Error ellipse: s-maj=12.1km s-min=6.7km az=111.0

ISC 23 14:56:21.5, 1.9, 36.76N; 141.170E; 0.09, h26km, 12km, n44, r120/42, mb4.1/17, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their parameters.

MEX 23 14:56:54.6, 0.7, 14.53N; 93.67W, h16km, 129km, MD3.9, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for Mexico.

ISC/JB 23 15:00:58.8, 0.8, 6.60N; 0.03; 73.60W; 0.03, h8km, 5km, Error ellipse: s-maj=5.9km s-min=4.5km az=143.7

RSNC 23 15:00:59.7, 0.8, 6.61N; 73.59W, h8km, 11km, ML2.4

FUNIV 23 15:01:00.0, 0.2, 6.25N; 73.62W, h27km, MW2.5

ISC 23 15:00:59.1, 1.1, 6.59N; 0.04; 73.60W; 0.03, h9km, 10km, n12, r157/21, ID, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for Northern Colombia.

WEL 23 15:08:05.5, 0.2, 40.16S; 174.46E, h114km, 2km, ML3.5/29, 90-2D, Error ellipse: s-maj=0.9km s-min=0.5km az=20.0, Cook Strait

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for Cook Strait.

2011 AUG

Table with columns: WAZ, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for WAZ.

Table with columns: WAZ, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for WAZ.

Table with columns: WAZ, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for WAZ.

CSEM 23 15:23:29.8, 0.2, 38.27N; 22.14E, h5km, ML1.8, Error ellipse: s-maj=4.2km s-min=3.0km az=172.0

THE 23 15:23:30.3, 38.29N; 22.14E, h7km, 2km, ML2.18, Error ellipse: s-maj=2.0km s-min=0.4km az=322.0

ATH 23 15:23:30.1, 38.28N; 22.14E, h7km, 3km, ML1.8/2, Error ellipse: s-maj=3.6km s-min=0.7km az=322.0, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for Greece.

Table with columns: SERG, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for SERG.

KRSC 23 15:30:34.3, 1.8, 55.49N; 165.93E, h22km, 11km, ML3.9, Komandorsky Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for Komandorsky Islands region.

IDC 23 15:34:25.3, 0.9, 59.25N; 151.47W, h40km, 5km, mb3.7/10, mb1 3.9/13, mb1mx3.6/52, mbtmp3.9/13, ML3.9/3, MS2.9/7, Ms1 2.8/7, ms1mx2.6/44, Error ellipse: s-maj=20.1km s-min=13.9km az=35.0

NEIC 23 15:34:25.2, 59.02N; 151.08W, h41km, ML3.7(AEIC), After AIC

NEIC Felt [I] at Homer. Also felt at Anchor Point. ISC 23 15:34:23.9, 0.6, 59.04N; 0.05; 151.11W; 0.04, h31km, 3km, n120, r192/134, mb4.0/10, MS3.0/3, Kenai Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for Kenai Peninsula.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Spurr Chakacha, Chakachamna La, Katmai Vly 10, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like baz=91, TKM2 Tokmak 2, DGS Degeres, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like IDC 23 15:47:20.5, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like WRA Warramunga Arr, IDC 23 16:02:00.6, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like JMA 23 16:35:40.6, TOK Tokyo, etc.

Table with 4 columns: JNB, Noboribetsu, 7.78 250, P, Pn, 16.44 47.4, +1.8

IDC 23 16:52:04.7,0.5, 6.73N,72.94W, h155km,4km, mb4.2/14, mbl 4.4/18, mblmx4.0/40, mbtmp4.7/18, Error ellipse: s-maj=10.7km s-min=6.7km az=120.0

Northern Colombia

Main table for Northern Colombia with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res

Main table for 2011 AUG with columns: 342A, Flagon Creek P, 30.41 326, P, P, 16.58 03.1, +0.6

Main table for 1192 with columns: X37A, Clayton, 34.50 326, P, P, 16.58 38.2, 0.0

P40A	Paris	36.82	335	P	P	16 58 57.9	0.0	M33A	Taylor Creek F	40.77	332	P	P	16 59 29.9	-0.8	214A	Organ Pipe Nat	44.73	309	P	P	17 00 03.7	+0.9
O41A	Pasleys Farm,	36.85	337	P	P	16 58 58.2	+0.1	I38A	Scanlan Farm,	40.78	339	P	P	16 59 30.2	-0.6	214A	Organ Pipe Nat	44.73	309	eP	P	17 00 03.3	+0.4
T35A	Sooner Cattle	36.86	328	P	P	16 58 57.8	-0.5	K35A	Sto Lake	40.81	335	P	P	16 59 30.7	-0.4	C34A	PKU Ranch, Bm	44.80	339	P	P	17 00 03.1	-0.1
HP1G	comp=Z,8.5nm,0.6s	36.93	307	eP	P	16 58 58.9	-0.3	J36A	Seneca 1, Swea	40.94	336	P	P	16 59 31.6	-0.6	PV01	Paradox Valley	44.82	319	eP	P	17 00 04.9	+1.2
S36A	Lake Cedric, C	37.00	330	P	P	16 58 59.1	-0.4	H39A	Augusta	40.97	340	P	P	16 59 32.2	-0.1	X16A	Lo Mia Camp, P	44.83	313	eP	P	17 00 04.4	+0.6
V33A	Lossen Ranch,	37.03	325	P	P	16 58 59.5	-0.3	BGNE	Belgrade	41.09	331	P	P	16 59 32.8	-0.6	PHWY	Pilot Hill	44.87	325	eP	P	17 00 04.5	+0.3
Q38A	Cooks Store, C	37.03	333	P	P	16 58 60.0	+0.3	G40A	Rib Lake	41.14	342	P	P	16 59 34.0	+0.3	B35A	Bob, Littlefor	45.01	341	P	P	17 00 04.6	-0.1
U34A	Anderson Ranch	37.05	326	P	P	16 58 59.7	-0.2	K34A	Le Mars	41.15	334	P	P	16 59 33.5	-0.4	E31A	Nome	45.03	336	P	P	17 00 04.6	-0.3
U34A	Anderson Ranch	37.05	326	eP	P	16 58 59.5	-0.5	I37A	Lemond, Waseca	41.16	338	P	P	16 59 34.0	+0.1	PV05	Paradox Valley	45.13	319	eP	P	17 00 06.3	+0.1
R37A	Teagden Farm	37.08	331	P	P	16 58 59.6	-0.5	121A	Cookes Peak, D	41.24	313	P	P	16 59 36.2	+1.3	D32A	Dogwood Acres,	45.16	337	eP	P	17 00 05.2	+1.1
P39B	Salisbury	37.09	334	P	P	16 59 00.0	-0.1	121A	Cookes Peak, D	41.24	313	eP	P	16 59 35.7	+0.7	PV04	Paradox Valley	45.18	320	eP	P	17 00 07.0	+0.4
W32A	Sentinel	37.11	323	P	P	16 59 00.2	-0.3	BNM	comp=Z,5.7nm,0.7s	41.28	316	eP	P	16 59 35.5	+0.0	C33A	Trail	45.20	338	P	P	17 00 06.1	-0.2
O40A	La Belle	37.25	336	P	P	16 59 01.3	-0.2	H38A	Maiden Rock	41.31	339	P	P	16 59 34.8	-0.3	WUAZ	Wupatki	45.32	315	P	P	17 00 08.8	+1.2
T34A	McClaskey Farm	37.30	327	P	P	16 59 01.7	-0.3	baz=150		41.33	335	P	P	16 59 35.0	-0.3	WUAZ	Wupatki	45.32	315	eP	P	17 00 08.4	+0.8
S35A	Otter Creek Ra	37.33	329	P	P	16 59 01.5	-0.8	H37A	Diaz Farm, C	41.46	338	P	P	16 59 36.1	-0.2	B34A	Aery, Baudette	45.43	340	P	P	17 00 08.1	+0.1
Q37A	Longview Farm,	37.35	332	P	P	16 59 02.1	-0.3	G39A	Holcombe	41.47	341	P	P	16 59 36.5	+0.1	C32A	Crookston	45.54	338	P	P	17 00 08.7	-0.3
R36A	Gordon, Harris	37.42	330	P	P	16 59 02.1	-0.9	L32A	Elgin	41.48	332	P	P	16 59 36.0	-0.6	B33A	Robert and Kas	45.57	339	P	P	17 00 09.0	-0.2
P38A	Dawn	37.54	334	P	P	16 59 03.9	-0.1	K33A	Hardington	41.49	333	P	P	16 59 36.5	-0.2	AGMN	Agassiz Nation	45.69	339	P	P	17 00 10.3	+0.1
O39A	Kirksville	37.64	335	P	P	16 59 04.8	+0.1	COWI	Conover	41.57	343	eP	P	16 59 38.0	+0.8	Y14A	Wickenburg	45.75	312	eP	P	17 00 11.4	+0.5
S34A	Willow Spring	37.76	328	P	P	16 59 05.5	-0.3	J34A	George	41.58	335	P	P	16 59 37.0	-0.3	O20A	White River Ci	45.79	322	P	P	17 00 12.1	+0.8
R35A	Emporia Munici	37.76	330	P	P	16 59 05.1	-0.8	T25A	Trinidad	41.58	321	P	P	16 59 38.9	+1.2	O20A	White River Ci	45.79	322	eP	P	17 00 12.1	+0.8
M41A	Milan	37.81	338	P	P	16 59 05.6	-0.6	T25A	Trinidad	41.58	321	eP	P	16 59 39.1	+1.3	113A	Mohawk Valley,	45.80	310	eP	P	17 00 11.6	+0.3
U32A	Winter Ranch,	37.84	325	P	P	16 59 06.1	-0.4	G38A	Ridgeland	41.59	340	P	P	16 59 37.2	-0.2	C31A	Landman Farms,	45.97	337	P	P	17 00 11.8	-0.5
P37A	Lathrop	37.88	333	P	P	16 59 06.4	-0.4	ANMO	Albuquerque	41.61	317	P	P	16 59 38.7	+0.8	B32A	Ashes, Strandq	46.02	338	P	P	17 00 12.8	+0.0
Q36A	Arnold C. Orve	37.90	331	P	P	16 59 06.8	-0.1	ANMO	Albuquerque	41.61	317	eP	P	16 59 38.3	+0.3	RSSD	Black Hills	46.02	329	P	P	17 00 13.1	0.0
O38A	Galt	37.92	334	P	P	16 59 07.0	-0.2	I35A	comp=Z,4.2nm,0.6s	41.64	334	P	P	16 59 37.2	-0.6	RSSD	Black Hills	46.02	329	eP	P	17 00 13.2	+0.1
Q35A	Mercer Eighty,	38.10	330	P	P	16 59 08.0	-0.7	LAZ	Ladron	41.77	316	eP	P	16 59 40.1	+0.8	A33A	Warrod	46.07	340	P	P	17 00 13.1	0.0
N39A	Derby Farms, D	38.15	336	P	P	16 59 08.8	-0.2	319A	Douglas	41.78	311	eP	P	16 59 40.1	+0.8	K22A	Casper	46.36	326	P	P	17 00 15.2	-0.5
S33A	Kaszmal Farm,	38.15	327	P	P	16 59 08.8	-0.4	H36A	Jessenland, He	41.83	337	P	P	16 59 38.9	-0.5	K22A	Casper	46.36	326	eP	P	17 00 16.0	+0.4
O37A	Wolven Farm, M	38.25	334	P	P	16 59 09.6	-0.4	SPMN	Marine on St.	41.97	339	eP	P	16 59 40.2	-0.3	U15A	North Rim	46.41	315	eP	P	17 00 17.4	+1.1
R34A	Isabella, Hill	38.28	329	P	P	16 59 09.9	-0.3	K32A	Verdigre	41.98	332	P	P	17 05 51.2	+3.9	A32A	Rocking H Ranch	46.44	339	P	P	17 00 15.7	-0.3
P36A	Good Intent, A	38.30	332	P	P	16 59 09.9	-0.4	J33A	Davis	42.04	334	P	P	16 59 39.8	-0.8	B31A	Greenbush Farm	46.46	337	P	P	17 00 16.0	-0.1
N38A	Joes South For	38.38	335	P	P	16 59 10.8	-0.2	I34A	Hadley	42.15	335	P	P	16 59 40.5	-0.6	SRU	San Rafael Swe	46.63	319	eP	P	17 00 17.9	0.0
L41A	Preston	38.41	339	P	P	16 59 10.7	-0.5	ECSD	EROS Data Cent	42.22	334	P	P	16 59 41.4	-0.6	GLA	Glamis	46.73	310	P	P	17 00 19.5	+0.9
AMTX	Amarillo	38.44	321	P	P	16 59 11.8	0.0	ECSD	EROS Data Cent	42.22	334	eP	P	16 59 41.7	-0.8	GLA	Glamis	46.73	310	eP	P	17 00 18.9	+0.3
AMTX	Amarillo	38.44	321	eP	P	16 59 11.9	+0.2	H35A	Sunnyside Ranch	42.28	337	P	P	16 59 42.6	-0.5	PDMC	Park Dam,Lak	46.75	312	P	P	17 00 19.3	+0.6
M39A	Webster	38.52	337	P	P	16 59 11.9	-0.2	K31A	O'Neill	42.31	332	P	P	16 59 42.9	-0.5	MDND	Maddock	46.77	336	P	P	17 00 18.8	+0.2
KSU1	Kansas State U	38.57	330	P	P	16 59 11.9	-0.7	J32A	Parkston	42.48	333	P	P	16 59 42.9	-0.5	MDND	Maddock	46.77	336	eP	P	17 00 18.5	-0.1
KSU1	Kansas State U	38.57	330	eP	P	16 59 12.3	-0.3	I33A	Coleman	42.55	335	P	P	16 59 44.1	-0.5	Y12C	Blythe	46.80	311	P	P	17 00 19.5	+0.5
MSTX	Muleshoe	38.57	319	P	P	16 59 12.6	-0.2	G35A	Watkins	42.59	338	P	P	16 59 44.5	-0.2	W13A	Hualapai Mount	46.92	313	eP	P	17 00 20.0	-0.2
MSTX	Muleshoe	38.57	319	eP	P	16 59 12.7	-0.2	H34A	Spellman Lake,	42.63	336	P	P	16 59 45.0	-0.8	KNB	Kanab	47.08	316	eP	P	17 00 22.5	+1.2
O36A	Bolkow	38.59	333	P	P	16 59 12.1	-0.7	SDCO	Great Sand Dun	42.64	321	P	P	16 59 47.5	+1.2	MTPU	Mount Pierson	47.16	317	eP	P	17 00 22.9	+0.7
Q34A	Chapman	38.59	330	P	P	16 59 12.3	-0.6	SDCO	Great Sand Dun	42.64	321	eP	P	16 59 47.3	+0.9	TMUT	Trail Mountain	47.18	319	eP	P	17 00 22.5	+0.0
P35A	Duane Minner,	38.61	331	P	P	16 59 12.1	-0.8	F31A	Milaca	42.78	339	P	P	16 59 46.6	-0.4	PLCA	Paso Flores	47.34	177	P	P	17 00 22.2	-0.9
L40A	Anamosa	38.66	338	P	P	16 59 12.8	-0.5	J36A	Geddes	42.82	332	P	P	16 59 46.9	-0.5	ULM	Julie Bonnet	47.35	340	P	P	17 00 22.6	-0.5
S32A	Newby Ranch, P	38.74	326	P	P	16 59 13.7	-0.4	I32A	Karley and Nic	42.82	334	P	P	16 59 46.8	-0.7	LCMT	Little Creek M	47.37	315	eP	P	17 00 24.5	+0.9
N37A	Lee Faris, Mou	38.76	334	P	P	16 59 14.0	-0.3	H33A	Prehn Over Nor	43.04	335	P	P	16 59 48.2	-1.0	SWSC	Sam Stewart	47.44	309	P	P	17 00 24.8	+0.8
K41A	Shultsburg	38.81	340	P	P	16 59 14.2	-0.3	F35A	Swanville	43.16	338	P	P	16 59 49.9	-0.2	IRM	Iron Mountain	47.44	311	P	P	17 00 24.7	+0.7
M38A	Pleasantville	38.88	336	P	P	16 59 15.0	-0.2	H32A	Carlson Farm,	43.19	334	P	P	16 59 49.7	-0.7	BC3	Big Chuckwall	47.46	310	P	P	17 00 24.9	+0.6
L39A	Vinton	39.01	337	P	P	16 59 15.7	-0.5	E36A	McGregor	43.25	340	P	P	16 59 50.8	0.0	SZCU	Shurtz Canyon	47.55	316	eP	P	17 00 25.4	+0.4
P34A	Walnut Farm, R	39.02	330	P	P	16 59 15.7	-0.6	I31A	Roy, Wessing	43.30	333	P	P	16 59 51.0	-0.3	IKP	In-Ko-Pah, Jac	47.56	309	P	P	17 00 25.8	+0.8
JFWS	Jewell Farm	39.06	340	eP	P	16 59 16.4	-0.2	G33A	Ortonville	43.33	336	P	P	16 59 50.9	-0.6	CCUT	Cedar City	47.72	316	eP	P	17 00 27.3	+0.9
MNTX	Cornudas Mount	39.07	314	P	P	16 59 17.3	+0.4	TUC	Tucson	43.35	311	P	P	16 59 52.7	+0.8	MONP	Monument Peak	47.90	309	P	P	17 00 28.5	+0.7
MNTX	Cornudas Mount	39.07	314	eP	P	16 59 17.2	+0.4	TUC	Tucson	43.35	311	eP	P	16 59 51.7	-0.2	BELC	Bel Mtn. Jos	48.02	310	P	P	17 00 29.3	+0.7
Q33A	Connely Farm,	39.11	329	P	P	16 59 17.0	-0.1	F34A	Alexandria	43.37	337	P	P	16 59 51.4	-0.4	JLU	Jordanelle	48.05	320	eP	P	17 00 29.4	+0.5
N36A	Muff Farm, Cla	39.14	333	P	P	16 59 17.2	-0.2	C39A	Grand Marais	43.41	343	P	P	16 59 51.9	-0.2	GMRC	Granite Mounta	48.09	311	P	P	17 00 29.7	+0.6
R32A	Long Quarter,	39.14	327	P	P	16 59 17.0	-0.4	S22A	4JR Ranch, Cre	43.48	320	P	P	16 59 54.2	+1.1	NLU	North Lily Min	48.10	319	eP	P	17 00 29.9	+0.6
K40A	Colesburg	39.19	339	P	P	16 59 17.2	-0.5	S22A	4JR Ranch, Cre	43.48	320	eP	P	16 59 53.7	+0.6	BW06	Boulder Array	48.16	324	P	P	17 00 29.8	+0.1
M37A	Trindl Farm,	39.23	335	P	P	16 59 17.7	-0.4	D37A	Cotton	43.53	341	P	P	16 59 53.2	+0.2	BW06	Boulder Array	48.16	324	eP	P	17 00 29.5	-0.2
J																							

23d 16h

Table with columns: Station Name, Time, Azimuth, Magnitude, and other parameters. Includes stations like TPV, TPV, TPV, etc.

2011 AUG

Table with columns: Station Name, Time, Azimuth, Magnitude, and other parameters. Includes stations like SVW2, NOB2, GERES, etc.

1194

Table with columns: Station Name, Time, Azimuth, Magnitude, and other parameters. Includes stations like VLS, VLS, VLS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAVS, SOKA, OBKA, etc.

JMA 23 17:04:51.3i.0.1, 24.79N, 122.83E, h35km, 3km, M1.3, TAP 23 17:04:53.3, 24.68N, 122.75E, h12km, 1km, ML2.5, D

ISC 23 17:04:49.7, 1.6, 24.82N, 122.89E, 0.05, h9km, 1.2km, n12, c1908/19, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JYNG, YONG, YOI, etc.

KRSC 23 17:05:08.9, 1.8, 55.32N, 166.41E, h34km, 1.0km, ML3.6, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BKI, BKG, MKZ, etc.

DDA 23 17:05:09.4, 35.83N, 34.35E, h7km, MD2.5, ISCJB 23 17:05:10.6, 35.83N, 34.05E, h16E, 0.06, h25km, 8km

CSEM 23 17:05:10.2, 0.3, 35.84N, 34.20E, h20km, MD2.5, Error ellipse: s-maj=6.2km s-min=4.3km az=178.0

ISK 23 17:05:12.1, 35.93N, 34.04E, h28km, MD2.5, ISC 23 17:05:17.0, 1.3, 35.82N, 166.04E, h23km, 1.5km, n38, c051/51, Cyprus region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YESI, IKL, SLFK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KEBE, KEBA, TEVE, etc.

IDC 23 17:05:52.1, 0.6, 18.70S, 167.63E, h0km, mb4.5/15, mb1 4.7/16, mb1mx4.4/33, mbtmp4.5/16, ML4.1/1, MS3.5/7, Ms1 3.5/7, ms1mx3.2/29, Error ellipse: s-maj=22.5km s-min=16.0km az=124.0

ISCJB 23 17:05:55.1, 0.3, 18.83S, 167.52E, 0.06, h28km, mb4.7/24, MS3.5/5, Error ellipse: s-maj=10.6km s-min=7.0km az=141.2

NEIC 23 17:05:57.0, 0.3, 18.80S, 167.65E, h35km, mb5.1/11, Error ellipse: s-maj=12.4km s-min=8.7km az=137.0

ISC 23 17:05:56.7, 0.4, 18.91S, 167.42E, 0.08, h28km, n140, c136/139, mb4.8/24, MS3.5/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM, DZM, DZM, etc.

AFI Afifamalu 20.56 79 LR 17 17 58.5

URZ Urewera 21.05 158 P 17 17 40.2 +1.7

PMG Port Moresby 21.57 293 LR 17 17 18.5

STKA Stephens Creek 26.58 236 P 17 17 35.6 +3.0

STKA 1.7nm, 0.7s, baz=64, slow=5.8, SNR=3.3

RAR Rarotonga 30.88 100 LR 17 17 22.05

WRA Warrungana Arr 31.18 263 P 17 17 12.49 +1.2

ASAR AS Air Springs 31.54 255 P 17 17 12.83 +1.4

ASAR 6.3nm, 0.6s, baz=83, slow=8.7, SNR=5.5

FITZ Fitzroy Crossi 39.56 264 eP 17 17 13.27 +1.5

TBI Tubuai 40.36 104 eS 17 17 19.38 -0.5

TBI 189nm, 26.8s 17 17 22.58

PPT2 Papeete2 40.79 95 eS 17 17 19.51 +5.6

PPT2 294nm, 31.5s 17 17 23.07

PPT2 357nm, 29.0s 17 17 24.48

MBWA Marble Bar 44.73 259 p 17 17 14.09 +1.7

TAOE Nuku Hiva Isla 51.71 86 eS 17 17 22.25 +3.2

TAOE 214nm, 29.4s 17 17 29.57

MJAR Matsushiro Arr 61.67 333 P 17 17 09.98 -2.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRAC, BC3, FURC, etc.

IDC 23 17:21:07.3, 3.6, 19.97S, 177.92W, h583km, 4.9km, mb2.8/3, mb1 3.1/4, mb1mx2.8/28, mbtmp4.0/4, Error ellipse: s-maj=49.8km s-min=40.4km az=31.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ, STKA, ASAR, etc.

23d 17h

T39A	Cleaver	12.22 271	P	Pn	17 53 57.5 -0.5
Z42A	Norrei Spur, H	12.23 252	P	Pn	17 53 56.5 -1.6
BBSR	BB Station	12.24 113	ePn	Pn	17 53 54.4 -3.8
Q38A	Cooks Store, C	12.26 280	Pn	Pn	17 53 57.6 -1.0
G39A	Holcombe	12.27 311	P	Pn	17 53 55.4 -3.2
344A	Westbrook Farm	12.27 242	P	Pn	17 53 57.6 -1.0
SCIA	State Center	12.31 294	ePn	Pn	17 53 57.8 -1.4
546A	Slidell	12.34 235	P	Pn	17 53 58.3 -1.3
W40A	Ferguson Farm,	12.39 262	P	Pn	17 53 59.0 -1.2
I38A	Scanlan Farm,	12.40 304	P	Pn	17 53 56.7 -3.8
U39A	Green Forest	12.42 268	P	Pn	17 53 59.9 -0.8
440A	Basin Creek Fa	12.43 258	P	Pn	17 53 59.0 -1.8
445A	Amite	12.43 238	P	Pn	17 54 00.4 -0.5
Y41A	Eglette Beard	12.48 256	P	Pn	17 53 59.9 -1.6
R38A	Fenwick Farm,	12.51 276	P	Pn	17 54 00.7 -1.3
S38A	Stockton	12.56 274	P	Pn	17 54 01.4 -1.3
142A	Monroe	12.56 249	P	Pn	17 54 00.9 -1.8
243A	Waterproof	12.57 245	P	Pn	17 54 00.2 -2.5
G38A	Ridgeland	12.62 309	P	Pn	17 53 59.7 -3.8
LMN	Caledonia Moun	12.64 47	ePn	Pn	17 54 01.6 -2.1
H38A	Maiden Rock	12.64 307	P	Pn	17 54 00.4 -3.4
V39A	Pettigrew	12.67 265	P	Pn	17 54 03.0 -1.2
444A	Pine Grove	12.72 239	P	Pn	17 54 04.0 -0.8
O37A	Wolven Farm, M	12.72 285	P	Pn	17 54 03.2 -1.7
L37A	Phoenix Point,	12.76 294	P	Pn	17 54 02.7 -2.6
HHAR	Hobbs	12.80 268	ePn	Pn	17 54 04.6 -1.3
M37A	Trindle Farm,	12.82 291	P	Pn	17 54 04.6 -1.6
N37A	Lee Faris, Mou	12.84 288	P	Pn	17 54 05.4 -1.0
P37A	Lathrop	12.84 283	P	Pn	17 54 04.5 -1.9
K37A	Belmond	12.84 297	P	Pn	17 54 03.0 -3.5
646A	Port Sulphur	12.85 233	P	Pn	17 54 03.3 -3.2
Z41A	Richland Creek	12.89 253	P	Pn	17 54 05.1 -1.9
Q37A	Longview Farm,	12.91 279	P	Pn	17 54 06.2 -1.3
WLAR	White Oak Lake	12.94 255	ePn	Pn	17 54 05.9 -1.9
T38A	Diamond	12.94 271	P	Pn	17 54 06.7 -1.2
Y40A	Okolona	12.95 257	P	Pn	17 54 05.6 -2.3
W39A	Magazin	12.95 263	P	Pn	17 54 06.8 -1.1
J37A	Redenius Farm,	12.95 299	P	Pn	17 54 04.1 -3.8
242A	Grayson	12.96 247	P	Pn	17 54 05.2 -2.9
545A	Edgard	12.97 236	P	Pn	17 54 08.4 +0.2
MIAR	Mount Ida	12.99 260	P	Pn	17 54 07.3 -1.2
MIAR	Mount Ida	12.99 260	eP	Pn	17 54 06.8 -1.7
MIAR	Mount Ida	12.99 260	ePn	Pn	17 54 06.7 -1.8
343A	Vidalia	12.99 243	P	Pn	17 54 07.7 -0.8
H37A	Dierke Farm, C	13.02 305	P	Pn	17 54 05.3 -3.4
I37A	Lemond, Waseca	13.10 303	P	Pn	17 54 06.6 -3.4
U38A	Gravette	13.12 269	P	Pn	17 54 09.1 -1.2
R37A	Teagarden Farm	13.23 277	P	Pn	17 54 10.4 -1.4
SPMN	Marine on St.	13.23 308	P	Pn	17 54 07.5 -4.2
SPMN	Marine on St.	13.23 308	ePn	Pn	17 54 07.6 -4.2
141A	Papa Simpson,	13.25 251	P	Pn	17 54 10.1 -1.9
V38A	Carnehill	13.26 266	P	Pn	17 54 10.6 -1.7
C39A	Grand Marais	13.27 322	P	Pn	17 54 08.3 -3.9
S37A	Fort Scott	13.28 274	P	Pn	17 54 10.6 -1.8
Z40A	Long Farm, Mag	13.34 254	P	Pn	17 54 11.0 -2.2
O36A	Bolckow	13.35 285	P	Pn	17 54 11.4 -1.9
544A	White Castle	13.37 238	P	Pn	17 54 13.3 -0.4
K36A	Gilmore City	13.38 296	P	Pn	17 54 11.5 -2.3
M36A	Felix, Anita	13.38 291	P	Pn	17 54 11.8 -2.0
443A	Delano Plantat	13.40 242	P	Pn	17 54 12.5 -1.6
N36A	Muff Farm, Ma	13.41 288	P	Pn	17 54 13.0 -1.2
L36A	Harm Buss Farm	13.41 293	P	Pn	17 54 11.9 -2.3
X39A	Fountain Ranch	13.42 260	P	Pn	17 54 13.2 -1.2
T37A	Cheneyville 18	13.43 272	P	Pn	17 54 12.6 -1.8
645A	Chauvin	13.43 235	P	Pn	17 54 14.9 +0.5
342A	Flagon Creek P	13.44 245	P	Pn	17 54 12.3 -2.4
J36A	Seneca 1, Swea	13.50 299	P	Pn	17 54 12.3 -3.1
P36A	Good Intent, A	13.51 283	P	Pn	17 54 13.7 -1.8
I36A	Fitzsimmons Fa	13.51 302	P	Pn	17 54 12.2 -3.4
241A	Mo Tay, Goldon	13.54 249	P	Pn	17 54 13.5 -2.5
W38A	Poteau	13.56 263	P	Pn	17 54 14.7 -1.6
Y39A	Lockesburg	13.60 258	P	Pn	17 54 13.8 -3.0
H36A	Jessenland, He	13.67 304	P	Pn	17 54 14.0 -3.7
E37A	Wrenshall	13.69 314	P	Pn	17 54 14.3 -3.7
Q36A	Arnold C. Orve	13.70 280	P	Pn	17 54 16.8 -1.4
U37A	Salina	13.71 269	P	Pn	17 54 16.3 -1.9
140A	Cam and Jess,	13.73 252	P	Pn	17 54 16.3 -2.4
R36A	Gordon, Harris	13.76 277	P	Pn	17 54 17.2 -1.8
C38A	Sawbill Land,	13.77 320	P	Pn	17 54 13.9 -5.2
V37A	Hubert	13.84 267	P	Pn	17 54 17.9 -2.2
543A	St. Martinville	13.86 240	P	Pn	17 54 19.3 -1.0
S36A	Lake Cedric, C	13.88 275	P	Pn	17 54 18.4 -2.3
442A	Mamou	13.89 243	P	Pn	17 54 19.2 -1.6
X38A	Whitesboro	13.93 262	P	Pn	17 54 20.4 -0.8
N35A	Tabor	13.93 288	P	Pn	17 54 19.0 -2.3
Z39A	Irene McRaven,	13.94 255	P	Pn	17 54 18.7 -2.7
K35A	Storm Lake	13.96 295	P	Pn	17 54 18.9 -2.8
F36A	Milaca	13.98 309	P	Pn	17 54 17.9 -4.2

2011 AUG

EYMN	Ely	14.04 320	P	Pn	17 54 17.5 -5.2
EYMN	Ely	14.04 320	ePn	Pn	17 54 17.7 -5.1
D37A	Cotton	14.04 316	P	Pn	17 54 17.4 -5.5
M35A	Neola	14.05 290	P	Pn	17 54 20.6 -2.3
L35A	Bielow Farm, R	14.05 293	P	Pn	17 54 20.1 -2.9
341A	Kurthwood	14.07 247	P	Pn	17 54 20.4 -2.9
O35A	Humboldt	14.08 285	P	Pn	17 54 20.0 -3.4
Y38A	Idabel	14.10 259	P	Pn	17 54 21.2 -2.5
I35A	Creekview Farm	14.11 300	P	Pn	17 54 20.2 -3.6
J35A	Milford	14.12 298	P	Pn	17 54 20.2 -3.7
P35A	Duane Minner,	14.13 282	P	Pn	17 54 22.2 -1.9
Q35A	Mercer Eighty,	14.15 279	P	Pn	17 54 22.4 -1.9
240A	Hunter Patters	14.16 250	P	Pn	17 54 22.4 -2.1
E36A	McGregor	14.16 312	P	Pn	17 54 20.6 -3.8
T36A	Boggs Farm, Ca	14.19 272	P	Pn	17 54 23.1 -1.8
U36A	Oologah	14.20 269	P	Pn	17 54 23.0 -2.0
C37A	Embarrass	14.26 318	P	Pn	17 54 21.0 -4.8
W37B	Quinton	14.26 264	P	Pn	17 54 23.8 -2.0
G35A	Watkins	14.29 306	P	Pn	17 54 22.0 -4.3
R35A	Emporia Munici	14.30 277	P	Pn	17 54 23.9 -2.5
H35A	Sunyside Ranc	14.31 304	P	Pn	17 54 22.3 -4.2
542A	Morse	14.32 241	P	Pn	17 54 25.8 -0.8
139A	Bunkhouse Ranc	14.34 254	P	Pn	17 54 24.1 -2.8
TUL1	Leonard	14.35 267	P	Pn	17 54 24.8 -2.2
TUL1	Leonard	14.35 267	ePn	Pn	17 54 24.5 -2.5
X37A	Clayton	14.38 262	P	Pn	17 54 26.2 -1.2
441A	DeRidder	14.41 245	P	Pn	17 54 26.0 -1.9
S35A	Otter Creek Ra	14.46 275	P	Pn	17 54 25.9 -2.7
D36A	Goodland	14.46 315	P	Pn	17 54 24.0 -4.6
V36A	Jenks	14.49 267	P	Pn	17 54 26.1 -2.9
Z38A	Mt. Pleasant	14.55 256	P	Pn	17 54 26.4 -3.4
340A	Bronson	14.56 248	P	Pn	17 54 27.5 -2.4
K34A	Le Mars	14.57 295	P	Pn	17 54 27.1 -3.0
N34A	Lincoln	14.57 287	P	Pn	17 54 27.5 -2.6
KSU1	Kansas State U	14.59 280	P	Pn	17 54 27.5 -2.9
KSU1	Kansas State U	14.59 280	ePn	Pn	17 54 28.8 -1.6
J34A	George	14.62 297	P	Pn	17 54 27.2 -3.6
C36A	Pin Crest Far	14.62 317	P	Pn	17 54 25.1 -5.6
F35A	Swanville	14.63 308	P	Pn	17 54 26.7 -4.1
L34A	Svensen Farm,	14.63 292	P	Pn	17 54 27.7 -3.3
O34A	Beatrice	14.67 285	P	Pn	17 54 28.7 -2.7
Z39A	Gary	14.70 251	P	Pn	17 54 29.1 -2.7
M34A	Aspy Farms, Fr	14.71 290	P	Pn	17 54 29.9 -2.1
T35A	Sooner Cattle	14.72 272	P	Pn	17 54 29.4 -2.7
P34A	Walnut Farm, R	14.76 282	P	Pn	17 54 30.8 -1.8
I34A	Hadley	14.77 300	P	Pn	17 54 29.0 -3.8
541A	Lake Charles	14.80 242	P	Pn	17 54 31.7 -1.5
Q34A	Chapman	14.85 280	P	Pn	17 54 31.8 -2.2
E35A	Pequot Lakes	14.86 311	P	Pn	17 54 29.2 -4.8
138A	Matatal Enter	14.87 254	P	Pn	17 54 31.1 -3.1
W36A	Wetumka	14.88 265	P	Pn	17 54 31.9 -2.5
D35A	Remer	14.92 313	P	Pn	17 54 30.2 -4.6
H34A	Spellman Lake,	14.93 302	P	Pn	17 54 30.4 -4.5
NATX	Nacogdoches	14.96 251	P	Pn	17 54 33.1 -2.3
NATX	Nacogdoches	14.96 251	ePn	Pn	17 54 33.3 -2.1
440A	Kirbyville	14.96 246	P	Pn	17 54 33.3 -2.1
U35A	Pawnee	14.99 270	P	Pn	17 54 33.6 -2.2
F34A	Alexandria	15.03 307	P	Pn	17 54 31.9 -4.4
G34A	Benson	15.05 305	P	Pn	17 54 31.5 -5.0
Z37A	Pogue Cattle C	15.06 257	P	Pn	17 54 33.1 -3.7
S34A	Willow Spring	15.08 275	P	Pn	17 54 34.6 -2.4
339A	Huntington	15.09 249	P	Pn	17 54 34.2 -3.0
R34A	Isabella, Hill	15.13 277	P	Pn	17 54 35.5 -2.2
X36A	Centrahoma	15.15 263	P	Pn	17 54 36.5 -1.4
M33A	Taylor Creek F	15.18 290	P	Pn	17 54 35.2 -3.1
Z38A	Jacksonville	15.19 252	P	Pn	17 54 35.5 -3.0
ECSD	EROS Data Cent	15.20 298	P	Pn	17 54 34.3 -4.3
ECSD	EROS Data Cent	15.20 298	ePn	Pn	17 54 34.1 -4.5
V35A	Meyer Ranch, C	15.21 268	P	Pn	17 54 36.3 -2.4
K33A	Hardington	15.21 294	P	Pn	17 54 35.3 -3.4
C35A	Jirik Farms, M	15.22 315	P	Pn	17 54 33.7 -5.0
T34A	McClaskey Farm	15.23 273	P	Pn	17 54 36.7 -2.4
540A	Vidor	15.27 244	P	Pn	17 54 37.6 -2.0
N33A	J B K, Exete	15.28 287	P	Pn	17 54 37.2 -2.5
E34A	Wadena	15.30 310	P	Pn	17 54 35.7 -4.1
Y36A	Durant	15.32 260	P	Pn	17 54 38.7 -1.5
L33A	Hoskins	15.32 292	P	Pn	17 54 37.2 -3.1
J33A	Davis	15.34 297	P	Pn	17 54 37.1 -3.4
O33A	Hebron	15.35 284	P	Pn	17 54 37.5 -3.1
W35A	Tecumseh	15.39 265	P	Pn	17 54 38.7 -2.4
137A	Heron Place, G	15.41 255	P	Pn	17 54 38.8 -2.5
I33A	Coleman	15.42 299	P	Pn	17 54 37.5 -4.0
B35A	Bolton, Littlefor	15.46 317	P	Pn	17 54 36.8 -5.2
439A	Center Grove,	15.52 248	P	Pn	17 54 40.3 -2.6
Q33A	Connelly Farm,	15.55 280	P	Pn	17 54 40.5 -2.7

1198

G33A	Ortonville	15.55 304	P	Pn	17 54 38.9 -4.3
H33A	Prehn Over Nor	15.58 302	P	Pn	17 54 39.5 -4.1
D34A	Park Rapids	15.59 311	P	Pn	17 54 38.6 -5.1
U34A	Anderson Ranch	15.61 271	P	Pn	17 54 41.6 -2.4
U34A	Anderson Ranch	15.61 271	ePn	Pn	17 54 41.8 -2.2
338A	Crockett	15.64 250	P	Pn	17 54 41.8 -2.6
Z36A	Blue Ridge	15.66 258	P	Pn	17 54 41.8 -2.9
X35A	Drake	15.69 263	P	Pn	17 54 42.5 -2.5
R33A	Olander Ranch,	15.71 278	P	Pn	17 54 42.3 -2.9
F33A	Little Ranch,	15.71 306	P	Pn	17 54 40.3 -4.9
C34A	RKJ Ranch, Bem	15.72 314	P	Pn	17 54 40.2 -5.1
V34A	Guthrie	15.73 268	ePn	Pn	17 54 42.9 -2.6
S33A	Kaszmual Farm,	15.79 275	P	Pn	17 54 44.0 -2.4

738A	Farr-Stevens R	17.25 244	P	Pn	17 55 02.2	-2.7
335A	Moody	17.27 253	P	Pn	17 55 02.4	-2.7
W32A	Sentinel	17.27 267	P	Pn	17 55 02.4	-2.7
A32A	Rocking H Ranch	17.29 315	P	Pn	17 55 00.4	-4.9
637A	Eagle Lake	17.40 246	P	Pn	17 55 03.1	-3.7
GRTK	Grand Turk	17.41 158	ePn	Pn	17 55 03.5	-3.3
C31A	Landman Farms,	17.44 311	P	Pn	17 55 02.4	-4.8
Z33A	Whitaker Ranch	17.47 261	P	Pn	17 55 05.8	-1.8
234A	Clairette	17.49 256	P	Pn	17 55 05.7	-2.2
X32A	Elmer	17.50 265	P	Pn	17 55 06.6	-1.4
536A	Bastrop	17.59 249	P	Pn	17 55 06.5	-2.6
435B	Jarell	17.62 252	P	Pn	17 55 06.8	-2.7
A31A	Linda, St. Vin	17.68 315	P	Pn	17 55 06.6	-3.6
B31A	Greenbush Farm	17.69 313	P	Pn	17 55 06.0	-4.3
ULM	Lac du Bonnet	17.72 320	Pn	Pn	17 55 06.2	-4.5
ULM	comp=Z,14nm,0.3s,baz=342,slow=16,SNR=55			Sn	17 58 31.1	+2.9
ULM	comp=Z,49nm,0.3s,baz=41,slow=19,SNR=3.4			Lg	18 00 11.8	
ULM	comp=Z,26um,21.7s,baz=128,slow=37			LR	18 02 03.5	
ULM	Lac du Bonnet	17.72 320	eP	Pn	17 55 05.5	-5.1
ULM	comp=Z,361nm,0.8s			S	17 58 31.1	+2.9
ULM	comp=Z,393nm,0.8s			Lg	18 00 11.8	
133A	Hamilton Ranch	17.84 259	P	Pn	17 55 10.0	-2.3
737A	Port Lavaca	17.86 245	P	Pn	17 55 09.2	-3.2
334A	Lometa	17.86 254	P	Pn	17 55 09.6	-2.9
636A	Smothers Creek	17.90 248	P	Pn	17 55 10.7	-2.3
535A	Dale	17.99 250	P	Pn	17 55 10.9	-3.2
F29A	Eureka	18.01 303	P	Pn	17 55 10.3	-4.0
233A	Rising Star	18.07 257	P	Pn	17 55 12.7	-2.4
GTBY	Guantanamo Bay	18.11 171	ePn	Pn	17 55 10.3	-5.3
434A	Burnet	18.12 253	P	Pn	17 55 12.5	-3.3
736A	Circle Diamond	18.20 246	P	Pn	17 55 14.7	-1.9
ABTX	Abilene, Hawle	18.20 260	eP	Pn	17 55 17.0	-2.2
333A	Richard Sprin	18.43 255	P	P	17 55 16.9	-2.6
635A	Leesville	18.48 248	P	P	17 55 17.3	-2.7
SCHO	Schefferville	18.56 21	Pn	P	17 55 18.4	-2.3
SCHO	comp=Z,19nm,0.3s,baz=209,slow=9.9,SNR=114			Lg	18 00 28.1	
SCHO	comp=Z,108nm,0.3s,baz=36,slow=2.0,SNR=4.7			LR	18 02 42.0	
SCHO	comp=Z,5um,20.9s,baz=214,slow=38			P	17 55 18.0	-2.7
SCHO	comp=Z,476nm,0.8s			Lg	18 00 28.1	
MDND	Maddock	18.60 309	P	Lg	17 55 18.0	-3.4
MDND	Maddock	18.60 309	eP	P	17 55 18.0	-3.3
DRLN	Deer Lake	18.64 46	eP	P	17 55 19.9	-1.7
534A	Blanco	18.66 251	P	P	17 55 19.8	-2.3
OGNE	Ogallala	18.77 287	P	P	17 55 21.3	-1.9
OGNE	Ogallala	18.77 287	eP	P	17 55 22.4	-0.8
433A	Art	18.77 254	P	P	17 55 21.0	-2.3
735A	Kenedy	18.79 247	P	P	17 55 20.9	-2.6
634A	China Grove, S	19.01 249	P	P	17 55 22.7	-2.0
533A	Kerrville	19.06 252	P	P	17 55 24.2	-2.3
835A	Beeville	19.13 246	P	P	17 55 26.2	-0.9
AMTX	Amarillo	19.26 268	P	P	17 55 28.2	-0.5
AMTX	Amarillo	19.26 268	eP	P	17 55 27.9	-0.8
936A	North Padre Is	19.27 243	P	P	17 55 28.3	-0.3
KSCO	Kaye Shedlock	19.27 281	P	P	17 55 28.4	-0.5
KSCO	Kaye Shedlock	19.27 281	eP	P	17 55 27.9	-1.0
734A	La Parita Cree	19.34 248	P	P	17 55 28.4	-1.1
JCT	Junction City	19.45 254	P	P	17 55 29.9	-0.8
JCT	Junction City	19.45 254	eP	P	17 55 31.0	+0.4
JCT	comp=Z,617nm,0.9s			Pmax		
JCT	Junction City	19.45 254	eP	P	17 55 31.0	+0.4
BBJ	Bamboo Saint A	19.48 178	iPA	Pn	17 55 35.6	+3.3
633A	Saathoff Ranch	19.48 251	P	P	17 55 30.2	-0.8
KVXT	Kingsville	19.61 244	P	P	17 55 32.5	+0.1
MTDJ	Mount Denham	19.62 179	eP	P	17 55 30.5	-2.3
834A	Tilden	19.74 246	P	P	17 55 33.5	-0.4
SDDR	Presa de Saban	19.77 161	eP	Pn	17 55 36.0	+0.3
STH	Stony Hill	19.80 177	iP	Pn	17 55 35.5	-0.6
HOCJ	Hope	19.87 176	iP	Pn	17 55 39.5	+2.6
MCJ	Malvern	19.92 179	iP	Pn	17 55 38.9	+1.3
733A	Divot King Ran	19.96 249	P	P	17 55 36.5	+0.3
934A	Benavides	20.02 245	P	P	17 55 37.8	-0.8
PCJ	Portland Cotta	20.12 178	iP	Pn	17 55 39.5	-0.3
035A	Encino	20.12 243	P	P	17 55 38.0	0.0
833A	Chaparral WMA,	20.25 248	P	P	17 55 39.9	+0.6
MSTX	Muleshoe	20.39 266	P	P	17 55 41.6	+0.5
MSTX	Muleshoe	20.39 266	eP	P	17 55 41.5	+0.5
MSTX	comp=Z,24um,21.0s			LR		
035Z	Hargill	20.39 242	P	P	17 55 41.8	+0.8
034A	Hebbronville	20.46 244	P	Pn	17 55 42.9	-0.9
RSSD	Black Hills	20.52 296	P	P	17 55 43.4	+0.9
RSSD	Black Hills	20.52 296	eP	P	17 55 42.9	+0.4
RSSD	comp=Z,413nm,0.9s			Pmax		
RSSD	comp=Z,7um,22.0s			MLR		
RSSD	Black Hills	20.52 296	eP	P	17 55 42.9	+0.4
RSSD	comp=Z,414nm,0.9s			LR		
RSSD	comp=Z,7um,22.0s			LR		
933A	Laredo	20.56 246	P	P	17 55 43.6	+0.8

SDD	Santo Domingo	20.65 158	eP	P	17 55 44.9	+1.1
SDD	comp=Z,1um,1.3s			eS		
SDD	comp=Z,8um,22.0s			LR		
832A	Faith Ranch, C	20.69 249	P	P	17 55 44.7	+0.4
C25A	Freed Ranch, W	20.84 306	P	P	17 55 47.0	+1.2
T25A	Trinidad	20.91 276	P	Pn	17 55 48.2	-1.0
T25A	Trinidad	20.91 276	eP	P	17 55 47.9	+1.2
T25A	comp=Z,1um,0.9s			LR		
Q24A	Divide	21.24 281	P	P	17 55 51.3	+0.9
Q24A	Divide	21.24 281	eP	P	17 55 50.8	+0.4
Q24A	comp=Z,473nm,1.0s			LR		
PHWY	Pilot Hill	21.36 288	eP	P	17 55 52.4	+0.8
PHWY	comp=Z,1um,0.9s			LR		
ISCO	Iaho Springs	21.52 284	P	P	17 55 54.7	+1.3
ISCO	Iaho Springs	21.52 284	eP	P	17 55 54.4	+0.9
ISCO	comp=Z,438nm,1.0s			MLR		
ISCO	comp=Z,41um,22.0s			LR		
ISCO	Iaho Springs	21.52 284	eP	P	17 55 54.4	+0.9
ISCO	comp=Z,438nm,1.0s			LR		
IDE	Isla Descheo	21.54 152	eP	P	17 55 56.8	+3.4
AGP	Aguadilla	21.65 151	eP	P	17 55 53.6	-1.0
SDCO	Great Sand Dun	21.67 278	P	P	17 55 56.6	+1.6
SDCO	Great Sand Dun	21.67 278	eP	P	17 55 56.4	+1.4
SDCO	comp=Z,427nm,1.0s			LR		
DGMT	Dagmar	21.69 307	P	P	17 55 55.8	+1.0
DGMT	Dagmar	21.69 307	eP	P	17 55 55.9	+1.0
MPR	Mayaguez	21.83 151	eP	P	17 55 56.7	+0.2
CELP	Cerrillos	22.17 150	eP	P	17 55 59.3	-0.9
K22A	Casper	22.18 291	P	P	17 56 01.1	+0.7
K22A	Casper	22.18 291	eP	P	17 56 00.4	0.0
SJJG	San Juan	22.21 149	P	P	17 56 01.5	-0.1
SJJG	comp=Z,2um,1.2s			P		
SJJG	comp=Z,184nm,1.0s,baz=338,slow=8.4,SNR=20			S	18 00 06.9	-0.3
SJJG	comp=Z,72nm,0.5s,baz=178,slow=16,SNR=3.4			LR	18 04 57.8	
SJJG	San Juan	22.31 149	eP	P	17 56 01.5	-0.1
SJJG	San Juan	22.31 149	eP	P	17 56 00.9	-0.3
SJJG	comp=Z,336nm,1.1s			Pmax		
SJJG	San Juan	22.31 149	eP	P	17 56 03.5	+1.9
SJJG	San Juan	22.31 149	eP	P	17 56 01.5	-0.1
SJJG	comp=Z,336nm,1.1s			S	18 00 06.9	-0.3
HUMP	Col San Antoni	22.41 148	eP	P	17 56 02.2	-0.5
HUMP	comp=Z,483nm,1.1s			LR		
LAO	LASA Array	22.52 302	P	P	17 56 04.5	+0.7
LAO	LASA Array	22.52 302	eP	P	17 56 04.2	+0.4
STVI	Saint Thomas	22.61 146	eP	P	17 56 05.1	+0.3
STVI	comp=Z,714nm,1.1s			LR		
SMCO	Snowmass	22.63 282	eP	P	17 56 06.3	+0.9
S22A	4UR Ranch, Cre	22.70 278	P	P	17 56 06.8	+0.7
S22A	4UR Ranch, Cre	22.70 278	eP	P	17 56 07.2	+1.1
S22A	comp=Z,524nm,1.3s			LR		
TXAR	Lajitas Array	22.94 256	P	P	17 56 09.2	+0.8
TXAR	comp=Z,428nm,1.1s,baz=77,slow=6.9,SNR=272			S	18 00 21.3	+2.5
TXAR	comp=Z,11nm,0.7s,baz=55,slow=27,SNR=1.9			Lg	18 03 16.0	
TXAR	comp=Z,64nm,0.8s,baz=29,slow=17,SNR=3.5			LR	18 04 37.2	
TX31	Lajitas Ar. Si	22.94 256	eP	P	17 56 09.2	+0.8
ANMO	Albuquerque	23.02 271	P	P	17 56 10.9	+1.6
ANMO	comp=Z,132nm,0.8s,baz=88,slow=11,SNR=77			S	18 00 22.9	+2.5
ANMO	comp=Z,42nm,0.8s,baz=83,slow=16,SNR=2.6			Lg	18 02 56.4	
ANMO	comp=Z,198nm,1.0s,baz=17,slow=14,SNR=3.9			LR	18 05 13.4	
ANMO	comp=Z,33um,18.3s,baz=78,slow=37			P	17 56 10.6	+1.3
ANMO	Albuquerque	23.02 271	eP	P	17 56 11.2	+1.9
ANMO	comp=Z,96nm,0.8s			Pmax		
ANMO	comp=Z,31um,18.0s			MLR		
ANMO	comp=Z,384nm,1.0s			S	18 00 22.9	+2.5
ANMO	comp=Z,384nm,1.0s			Lg	18 02 56.4	
MNTX	Cornudas Mount	23.25 263	P	P	17 56 11.8	+0.4
MNTX	Cornudas Mount	23.25 263	eP	P	17 56 11.5	0.0
FCC	Fort Churchill	23.31 339	eP	P	17 56 10.3	-1.4
FCC	comp=Z,322nm,0.8s			Pmax		
FCC	Fort Churchill	23.31 339	eP	P	17 56 10.3	-1.4
LPM	Los Pinos Moun	23.34 270	eP	P	17 56 14.0	+1.4
BNM	Barren Site	23.38 269	eP	P	17 56 14.0	+0.9
FFC	Flin Flon	23.39 324	eP	P	17 56 12.3	-0.4
FFC	comp=Z,2um,1.3s			Pmax		
FFC	comp=Z,2um,1.3s			MLR		
FFC	Flin Flon	23.39 324	eP	P	17 56 12.3	-0.4
FFC	comp=Z,2um,1.3s			LR		
O20A	White River Ci	23.52 285	P	P	17 56 16.2	+1.8
O20A	White River Ci	23.52 285	eP	P	17 56 15.9	+1.6
O20A	comp=Z,670nm,1.1s			LR		
Y22D	IRIS PASSCAL I	23.64 269	P	P	17 56 17.3	+1.8
Y22D	IRIS PASSCAL I	23.64 269	eP	P	17 56 16.6	+1.1
Y22D	comp=Z,593nm,0.9s			LR		
LENM	Lemitar	23.65 270	eP	P	17 56 17.4	+1.7
LADN	Ladron	23.71 270	eP	P	17 56 18.0	+1.7
PV01	Paradox Valley	24.00 280	eP	P	17 56 20.9	+1.8
SABA	Saba	24.03 143	eP	P	17 56 20.8	+1.6
MVCO	Mesa Verde	24.11 278	P	P	17 56 21.7	+1.6
MVCO	Mesa Verde	24.11 278	eP	P	17 56 21.4	+1.3
PV04	Paradox Valley	24.22 281	eP	P	17 56 23.1	+2.1
SEUS	St. Eustatius	24.26 143	eP	P	17 56 22.4	+1.1
PV10	Paradox Valley	24.33 281	eP	P	17 56 23.6	+1.5
RLMT	Red Lodge	24.36 297	P	P	17 56 23.8	+1.5
RLMT	Red Lodge	24.36 297	eP	P	17 56 23.4	+1.1
RLMT	comp=Z,739nm,1.0s			LR		

PV09	Paradox Valley	24.39 280	eP	P	17 56 24.0	+1.3
PV05	Paradox Valley					

23d 17h

2011 AUG

1200

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like SPUT, LRM, URIC, BBL, DLMT, DWS, MSU, WUAZ, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like SDV, SDV, SDV, Y12C, Y12C, Y12C, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like BARC, MONP2, B08A, COLVILLE, HAWA, etc.

1201

Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like LON Longmire, YKA Yellowknife Ar, BLG Laguna Peak, etc.

2011 AUG

Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like RES Resolute Bay, KULLO Kullorsuaq, PCED Cedros, etc.

23d 17h

Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like EYAK Port Fidalgo, FID Middleton Isia, IL1 Eielson Array, etc.

23d 17h

Table with columns for station call letters, frequency, and other identifiers. Includes stations like GMM, MDO, RSO, BIGH, KODIAK, etc.

2011 AUG

Table with columns for station call letters, frequency, and other identifiers. Includes stations like KBS, KRS, KKB, KBA, etc.

1202

Table with columns for station call letters, frequency, and other identifiers. Includes stations like LPAZ, BER, HMN, AKN, etc.

NOA	comp=Z,1.2nm,0.8s,baz=108,slow=2.6,SNR=4.4	PKP2bc	18 30 48.6		
NC303	NORSAR Array S	57.35 35 eP	P	18 00 51.6 -0.4	
UCC	Uccle	57.36 48 P	P	18 00 52.5 +0.4	
NB201	NORSAR Array S	57.38 35 eP	P	18 00 52.0 0.0	
SNF	Senefelt	57.42 49 P	P	18 00 52.9 +0.3	
OSL	Oslo	57.50 37 eP	P	18 00 53.4 +0.5	
OSL	comp=Z,2.0um,4.7s	IvMB_BB	18 00 56.3		
OSL		ePP	18 03 02.5 +2.4		
OSL		eS	18 08 51.3 +1.1		
NC405	NORSAR Array S	57.55 35 eP	P	18 00 53.4 0.0	
NC602	NORSAR Array S	57.60 36 I/P	P	18 00 54.6 +0.9	
NC602	comp=Z,2.0um,4.5s	IvMB_BB	18 00 56.9		
NC602		ePP	18 03 02.2 +1.2		
NC602		eS	18 08 53.0 +1.4		
NC602	comp=Z,1.0um,20.0s	IVMs_BB IVMs_BB	18 22 04.3		
NC602	NORSAR Array S	57.60 36 eP	P	18 00 53.8 +0.1	
LADP	Labassere	57.61 58 eP	P	18 00 54.9 +0.8	
VIEW	View	57.64 58 eP	P	18 00 55.7 +1.3	
DOU	Dourbes	57.76 49 P	P	18 00 54.9 -0.1	
RESF	Ens	57.89 58 eP	P	18 00 57.2 +1.0	
PB11	IPOC Station P	57.91 171 eP	P	18 00 56.2 -0.2	
PB11	comp=Z,3.15nm,1.0s	LR	LR		
MUD	comp=Z,2.0um,20.0s				
MUD	Monsted U'grnd	57.97 41 I/P	P	18 00 57.3 +1.0	
MUD	Monsted U'grnd	57.97 41 I/P	P	18 00 57.1 +0.8	
BCLA	Clavier	58.06 48 P	P	18 00 57.0 -0.1	
VERF	Verneuhoeel	58.12 54 eP	P	18 00 57.8 +0.1	
BEEN	Eben Emael	58.14 48 P	P	18 00 58.0 +0.4	
MELF	Melles	58.14 58 eP	P	18 00 58.9 +1.0	
GAMB	Gambell	58.28 329 eP	P	18 00 60.0 +1.6	
HGN	Heimansgroeve	58.30 48 eP	P	18 00 58.5 -0.2	
HGN	comp=Z,1.03nm,1.4s	eS	S	18 09 04.4 +3.3	
HGN	Heimansgroeve	58.30 48 eS	L	18 23 11.0	
WTSB	Winterswijk	58.34 46 eP	P	18 00 59.2 +0.2	
MEM	Membach	58.40 48 P	P	18 00 59.7 +0.3	
AGO	Saint Agoutin	58.42 54 eP	P	18 01 01.0 +1.3	
HAMF	Hammerfest	58.44 23 I/P	P	18 00 59.7 +0.3	
HAMF	comp=Z,2.0um,4.5s	IvMB_BB	18 01 01.9		
HAMF		ePP	18 03 10.4 +2.1		
HAMF		eS	18 09 04.1 +1.8		
HAMF	comp=Z,2.0um,4.5s	IVMs_BB IVMs_BB	18 22 37.0		
RCBR	Riachuelo	58.55 129 eP	P	18 01 01.4 +0.4	
RCBR	comp=Z,1.13nm,1.0s	LR	LR		
MDT	Midelt	58.66 71 P	P	18 01 02.6 +0.8	
MDT	comp=Z,2.4nm,1.1s,baz=290,slow=8.3,SNR=14	PcP	PcP	18 01 52.4 +0.6	
MDT	comp=Z,2.24nm,0.9s,baz=304,slow=5.1,SNR=6.9	PcP	PcP	18 01 52.8 +0.8	
BBTS	Babate	58.73 96 P	P	18 01 52.8 +0.8	
PLDF	La Plantade	58.76 54 eP	P	18 01 02.9 +0.7	
LBL	Lublianc	58.82 55 eP	P	18 01 04.0 +1.4	
WLF	Walfardange	58.86 49 P	P	18 01 03.0 +0.3	
WLF	Walfardange	58.86 49 eP	P	18 01 03.0 +0.3	
WLF	Walfardange	58.86 49 eP	P	18 01 02.8 +0.1	
WLF	comp=Z,99nm,1.0s	LR	LR		
CARF	Carcanieres	59.11 58 eP	P	18 01 04.7 0.0	
AKUT	Akutan	59.12 317 eP	P	18 01 04.5 +0.1	
AKUT	comp=Z,374nm,0.9s	LR	LR		
VALF	Valcebolle	59.18 58 eP	P	18 01 05.4 +0.1	
PB01	IPOC Station P	59.20 171 eP	P	18 01 05.2 -0.1	
PB01	comp=Z,262nm,0.9s	LR	LR		
LRDF	Larocque-de-Fa	59.31 57 eP	P	18 01 06.0 +0.1	
TRFD	Trivy Montfort	59.33 51 eP	P	18 01 06.3 +0.3	
ARAO	ARCES Array S	59.49 23 eP	P	18 01 06.4 -0.4	
ARCES	ARCES Array B	59.49 23 P	P	18 01 06.4 -0.3	
ARCES	comp=Z,40nm,0.8s,baz=293,slow=6.3,SNR=100	PcP	PcP	18 01 55.4 +1.1	
ARCES	comp=Z,30nm,0.8s,baz=291,slow=4.1,SNR=4.1	LR	LR	18 25 26.5	
ARCES	comp=Z,2.0um,18.1s,baz=292,slow=35	LR	LR	18 30 42.9	
AREO	AREO Array S	59.49 23 eP	P	18 01 07.0 +0.2	
AREO	comp=Z,2.8nm,1.0s,baz=86,slow=5.0,SNR=4.0	IvMB_BB	18 01 09.2		
AREO	comp=Z,3.0um,4.3s	ePP	18 03 18.2 +0.6		
AREO		eS	18 09 15.8 -0.2		
AREO	comp=Z,3.0um,4.3s	IVMs_BB IVMs_BB	18 29 25.9		
AREO	comp=Z,919nm,14.6s				
AREO	ARCES Array S	59.49 23 eP	P	18 01 06.7 -0.1	
AREO	comp=Z,65nm,0.9s	LR	LR		
UNV	Unalaska Valle	59.63 317 eP	P	18 01 08.6 +0.7	
SSB	Saint Sauveur	59.64 54 eP	P	18 01 09.0 +0.8	
SSB	Saint Sauveur	59.64 54 eP	P	18 01 07.5 -0.7	
SSB	comp=Z,5.1nm,0.9s	pmax	pmax		
SSB	comp=Z,5.1nm,0.9s	MLR	MLR		
SSB	comp=Z,2.0um,21.0s				
SSB	Saint Sauveur	59.64 54 eP	P	18 01 07.5 -0.7	
SSB	comp=Z,5.1nm,0.9s	LR	LR		
KEV	Kevo	59.85 23 eP	P	18 01 08.6 -0.6	
KEV	comp=Z,3.1nm,0.9s	pmax	pmax		
KEV	comp=Z,2.0um,18.0s	MLR	MLR		
KEV	Kevo	59.85 23 eP	P	18 01 08.6 -0.6	
KEV	comp=Z,3.1nm,0.9s	LR	LR		
COP	Copenhagen	59.95 41 I/P	P	18 01 11.0 +0.9	
ECH	Echery	60.05 50 eP	P	18 01 11.1 +0.1	
LANK	Langenberg	60.12 49 eP	P	18 01 12.0 +0.5	
MOF	Molkenrain	60.19 51 eP	P	18 01 12.2 +0.2	
LOMF	Lomont	60.21 51 eP	P	18 01 12.2 +0.1	
PB04	IPOC Station P	60.39 172 eP	P	18 01 14.0 +0.4	
PB04	comp=Z,689nm,1.1s	LR	LR		
GRN	Grenoble	60.42 54 eP	P	18 01 14.0 +0.3	
OG01	Vacheresse	60.55 52 eP	P	18 01 15.1 +0.6	
GDM	Grand'Maison	60.68 54 eP	P	18 01 16.0 +0.5	
BFO	Black Forest	60.71 50 I/P	P	18 01 15.7 +0.2	
BFO	Black Forest	60.71 50 eP	P	18 01 15.3 -0.2	
BFO	comp=Z,1.11nm,0.9s	LR	LR		
LVC	Limon Verde	60.82 170 eP	P	18 01 18.4 +1.7	
LVC	Limon Verde	60.82 170 eP	P	18 01 17.0 +0.3	
LVC	comp=Z,234nm,0.9s	LR	LR		
RGN	Rugen	60.89 42 eP	P	18 01 16.5 -0.1	
RGN	comp=Z,136nm,1.1s	LR	LR		
SENIN	Lac Senin/Sane	60.92 52 eP	P	18 01 17.4 +0.2	
YJU	Yvett	60.92 167 eP	P	18 01 17.8 +0.2	
STU	Stuttgart	61.04 49 eP	P	18 01 17.9 +0.2	
STU	comp=Z,95nm,1.0s	pmax	pmax		
STU	comp=Z,4.0um,20.0s	MLR	MLR		
STU	Stuttgart	61.04 49 eP	P	18 01 17.9 +0.2	
STU	comp=Z,95nm,1.0s	MLR	MLR		

STU	comp=Z,4.0um,20.0s	LR	LR		
BNI	Bardonecchia	61.10 54 eP	P	18 01 18.4 +0.1	
BNI	comp=Z,56nm,0.9s	eP	pmax		
BNI		MLR	MLR		
BNI	Bardonecchia	61.10 54 eP	P	18 01 18.4 +0.1	
BNI	comp=Z,56nm,0.9s	LR	LR		
NIKH	Nikolski High	61.28 316 eP	P	18 01 19.3 +0.1	
EANR	'Ain N'Sour	61.41 65 P	P	18 01 21.3 +0.9	
BSD	Bornholm Skovb	61.48 41 I/P	P	18 01 21.1 +0.6	
ECHA	Ech Chief	61.50 65 P	P	18 01 20.8 -0.2	
PB10	IPOC Station P	61.51 172 eP	P	18 01 21.3 +0.4	
PB10	comp=Z,377nm,1.0s	LR	LR		
EBNR	Beni Rached	61.55 65 P	P	18 01 21.0 -0.4	
ETRT	Tiaret	61.61 66 P	P	18 01 24.4 +1.1	
GRFO	Grafenberg	61.84 47 eP	P	18 01 23.9 +0.8	
GRFO	comp=Z,87nm,1.1s	pmax	pmax		
GRFO	comp=Z,3.0um,20.0s	MLR	MLR		
GRFO	Grafenberg	61.84 47 eP	P	18 01 23.9 +0.8	
GRFO	comp=Z,86nm,1.1s	LR	LR		
HJA	Humahuaca	61.95 167 eP	P	18 01 24.7 +0.2	
CLL	Collm	62.14 45 eS	S	18 01 25.0 -0.1	
CLL	comp=Z,105nm,1.3s	eS	pmax	18 09 48.0 -2.3	
CLL	comp=Z,98nm,1.2s	LR	LR	18 01 24.9 -0.1	
CLL	comp=Z,2.0um,18.0s	LR	LR	18 01 25.0 -0.1	
CLL	comp=Z,1.05nm,1.3s	eP	P	18 01 24.0	
CLL		eP	PP	18 03 42.0 +0.7	
CLL		ePP	PP	18 05 10.0	
CLL		eS	SS	18 09 48.0 -2.3	
CLL	comp=N,400nm,12.4s	eS	SS	18 09 48.0 -2.3	
CLL	comp=E,500nm,13.9s	eS	SS	18 14 05.0 +1.3	
CLL		eSS	SSS	18 16 49.0	
CLL		LmV		18 28 00.0	
CLL	comp=Z,2.0um,18.0s	ePKPKPKP	eP/P'df	18 30 39.0 -0.4	
CLL		ePKPKPKP	eP/P'bc	18 30 45.0 -2.4	
TUE	Stuetta	62.15 51 eP	P	18 01 25.5 0.0	
TUE	comp=Z,126nm,3.2s	LR	LR		
TUE	comp=Z,139nm,0.9s	LR	LR		
NKC	Novy Kostel	62.30 46 eP	P	18 01 26.5 +0.3	
NKC		eP	x	18 01 34.9	
NKC		eS	S	18 05 11.3	
NKC		eS	S	18 09 56.1 +3.5	
NKC		eSS	SS	18 19 50.8 -4.4	
NKC		eAMS	AMS	18 27 40.0	
NKC	comp=Z,3.0um,16.2s	eP	P	18 01 26.5 +0.3	
NKC	Novy Kostel	62.30 46 eP	P	18 01 34.9	
NKC		eP	e	18 05 11.3	
NKC		eS	S	18 09 56.1 +3.5	
NKC		eSS	SS	18 19 50.8 -4.4	
NKC		eMLR	MLR	18 13 50.8 -4.4	
NKC	comp=Z,3.0um,16.2s	62.34 51 P	P	18 01 27.5 +0.9	
DAVOX	Davos/Dischmat	62.34 51 P	P	18 01 27.5 +0.9	
DAVOX	comp=Z,57nm,0.8s,baz=293,slow=6.6,SNR=94	62.61 64 P	P	18 01 28.7 +0.1	
EMHD	Djebel Mahoud	62.61 64 P	P	18 01 28.7 +0.1	
FUORN	Ofenpass-Fuorn	62.64 51 eP	P	18 01 29.3 +0.5	
ASTB	Santa Barbara	62.85 166 eP	P	18 01 28.9 -1.3	
BRG	Berggiesshubel	62.86 45 I/P	P	18 01 30.1 +0.2	
BRG	comp=Z,98nm,1.1s	e		18 01 41.1	
BRG	comp=Z,3.1nm,0.9s	PP	PP	18 03 54.0 +6.3	
BRG		PPP	PPP	18 05 24.0	
BRG		S	S	18 10 00.0 +0.5	
BRG		SS	SS	18 14 11.0 +7.2	
BRG		PKPKPKP	PP'df	18 30 24.0 -1.4	
BRG	comp=Z,3.4nm,1.1s	e		18 30 40.1	
BRG	comp=Z,8.9nm,1.2s				
BRG	comp=Z,3.0um,16.3s				
BRG	comp=N,3.0um,20.7s				
BRG	comp=E,3.0um,20.7s				
APA	Apacity	62.99 24 I/P	P	18 01 30.0 -0.5	
APA	comp=Z,38nm,0.9s	pmax	pmax		
AZAP	Zapla	63.01 167 eP			

23d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like GBAS Gorenja Brezova, CMAH Djebel Manchou, and various other locations.

2011 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK Kalvaria Pacla, KWP Kalvaria Pacla, and various other locations.

1204

Table with columns for station name, frequency, power, and other technical details. Includes stations like SRE Strehia, TAM Tamnasset, and various other locations.

Table with columns for station name, frequency, power, and signal strength. Includes stations like NVR, SOH, AXS, RZN, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like PET, PETA, PETA0, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like ANTO, BR231, AKAS, etc.

23d 17h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BGD, CHRN, TBLG, etc.

2011 AUG

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like TLY, Talaya, MOY, etc.

1206

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like WMQ, MJB9, MAJO, etc.

Table with columns: ENH, comp-Z, Time, Res, and various station codes (LSZ, PYUN, KOLN, etc.).

Table with columns: SBUM, comp-Z, Time, Res, and various station codes (PSI, KSM, MYKOM, etc.).

Table with columns: FITZ, Code, Station Name, Time, Res, and various station codes (ASAR, ASAR, ASAR, etc.).

Table with columns: KHEH, KHEH, KKR, DDI, SMLA, SMLA, SMLA. Includes station names, codes, and coordinates.

IDC 23 20:28:11.9.3.0,0.07N,121.84E,h0km,mb4.0/3, mb1.4/1.4,mb1mx3.6/3.4,mbtmp3.9/4,ML3.8/1,Error ellipse: s-maj=144.9km s-min=41.3km az=76.0, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes FITZ, WRA, ASAR, STKA, TXAR.

MEX 23 20:29:15.1.0.5,15.66N-95.99W,h10km,3km,MD3.6, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes HUIG, PANG, VHO, VHO.

IDC 23 20:50:39.1.0.7,59.98S;26.42W,h0km,mb4.2/7, mb1.4/4.8,mb1mx4.1/2.7,mbtmp4.2/8,ML4.7/1,MS3.5/4, Ms1.3/5.4,ms1mx3.2/2.0,Error ellipse: s-maj=32.4km s-min=20.8km az=59.0

ISCJBJ 23 20:50:41.7.0.8,59.9S;0.1x26.4W;0.4,h26km,mb4.2/8, MS3.8/2, Error ellipse: s-maj=31.2km s-min=10.6km az=147.0

NEIC 23 20:50:44.6.2.8,59.92S;26.39W,h35km,25km,mb4.7/1, Error ellipse: s-maj=24.9km s-min=13.1km az=54.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes VN1, VN3, SNA, SNA, SNA, SNA, SNA, PMSA, QSPA, PLCA, CPUP, VYND, H10S2, H10S3, H10S1, H10N1, H10N3, H10N2, LPZA, TORO, STKA, ASAR, WRA, FINES, ARCES, YKA, SONM, ILAR.

JMA 23 21:10:23.9.0.1,23.58N,121.58E,h50km,2km,ML2.5 TAP 23 21:10:25.0,23.61N,121.60E,h44km,ML2.8,C

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes TECC, EHY, EHY, ESL, ESL, TW1, TW1, HWA, CHKT, CHKT, TWD, TWD, YUS, YUS, WHF, WHF, ELDTW, ELDTW.

Main table with columns: SMLT, ALS, ALS, ENA, TWT, TYC, TYC, TWG, NNS, NNS, STYT, STYT, CHNS, CHNS, TWC, TWC, CHN4, CHN4, WTP, WTP, ENTT, ENTT, SGST, SGST, TWE, TWE, CHN1, CHN1, ECL, ECL, NSK, NSK, TWK, TWK, TWQ1, TWQ1, TWQ2, TWQ2, NSTT, NSTT, SSD, SSD, EGS, EGS, JYNG, JYNG, EAST, EAST, YOJ, YOJ, YOF, YOF, JKRS, JKRS, JJJ, JJJ, JISG, JISG, LJIJ, LJIJ, CSEM, CSEM, VIE, VIE, ISCJBJ, ISCJBJ, IASPEI, IASPEI, CSEM, CSEM, BGR, BGR, PRU, PRU, NKC, NKC, NKC, NKC, WERN, WERN, WERN, WERN, ROHR, ROHR, ROHR, ROHR, MUL, MUL, MUL, MUL, WERD, WERD, WERD, WERD, PLN, PLN, PLN, PLN, SCHF, SCHF, SCHF, SCHF, RLTZ, RLTZ.

Table with columns: ROTZ, ROTZ, ROTZ, MOX, MOX, FB, FB, WET, WET, WET, WET, BRG, BRG, CL, CL, CL, CL, CL, KHC, KHC, KHC, PRU, PRU, PRU, PRU, PVCC, PVCC, GPC, GPC, TREC, TREC, TREC, TREC, UPC, UPC, UPC, DPC, DPC, MOA, MOA, WATA, WATA, RETA, RETA, MOTA, MOTA, CONA, CONA, KBA, KBA, ARSA, ARSA.

IDC 23 21:45:30.9.51.0,18.38S;175.54W,h0km,mb3.9/3, mb1.4/0.3,mb1mx3.7/1.9,mbtmp3.9/3, Error ellipse: s-maj=95.47km s-min=179.0km az=81.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes STKA, WRA, ASAR.

IDC 23 22:15:19.2.10.0,16.45S;176.03W,h0km,mb4.0/3, mb1.4/1.4,mb1mx3.7/3.6,mbtmp4.0/4, Error ellipse: s-maj=164.5km s-min=24.7km az=152.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes AFI, AFI, STKA, WRA, ASAR.

IDC 23 22:16:24.5.50.0,15.58S;172.63W,h0km,mb3.9/3, mb1.4/1.3,mb1mx3.7/3.7,mbtmp3.9/3, Error ellipse: s-maj=970.4km s-min=207.6km az=79.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes STKA, WRA, ASAR.

DJA 23 22:16:41.6.0.7,9.5S;111.3E,h13km,5km,ML3.7/10, ML3.7/10, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes GMJI, GMJI, JAGI, JAGI, BLJI, BLJI, PWJI, PWJI, DNP, DNP, PCJI, PCJI, GRJI, GRJI, NGJI, NGJI, UGM, UGM, TWSI, TWSI.

ISCJBJ 23 22:36.9.1.4,21.3S;0.2x170.2E;0.1,h100km,mb3.9/3, Error ellipse: s-maj=27.3km s-min=13.5km az=8.6

IDC 23 22:40.0.1.4,21.20S;170.17E,h108km,7km,mb3.7/3, mb1.4/0.5,mb1mx3.5/3.5,mbtmp4.2/5,MS3.3/2,Ms1.3/3.2, ms1mx2.7/2.8, Error ellipse: s-maj=39.0km s-min=27.1km az=160.0

ISC 23 22:40.39.6.1.1,21.3S;0.2x170.2E;0.1,h100km,n21, 23 22:07.23,mb3.9/3, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes DZM, DZM, DZM, URM.

23d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, JHJ Hachijo jima 2, etc.

ISCJB 23 22:29:58.5:0.5, 6.80N:0.04x73.08W:0.04, h152km,6km, Error ellipse: s-maj=8.3km s-min=3.8km az=38.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BARC Barichara, BRRC Barranca, RUSC La Rusia, etc.

ISC 23 22:31:36.0:0.9, 44.98N:92.46E, h0km, mb3.8/9, mb1.3/9.1, mb1mx3.6/5.2, mbtmp3.8/11, ML3.4/2, MS2.9/5, Ms1.2.9/5, ms1mx2.6/4.0, Error ellipse: s-maj=22.7km s-min=17.3km az=34.0

NEIC 23 22:31:37.3:0.3, 45.06N:92.44E, h10km, mb4.7/11, Error ellipse: s-maj=9.2km s-min=4.2km az=193.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HWD Hovd, WMQ Urumqi, WMQ comp=N.440nm,0.3s, etc.

21 AUG

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, HTG Hatgal, MAZ Makanchi, etc.

ISC 23 22:31:36.0:0.9, 44.98N:92.46E, h0km, mb3.8/9, mb1.3/9.1, mb1mx3.6/5.2, mbtmp3.8/11, ML3.4/2, MS2.9/5, Ms1.2.9/5, ms1mx2.6/4.0, Error ellipse: s-maj=22.7km s-min=17.3km az=34.0

NEIC 23 22:31:37.3:0.3, 45.06N:92.44E, h10km, mb4.7/11, Error ellipse: s-maj=9.2km s-min=4.2km az=193.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, HTG Hatgal, MAZ Makanchi, etc.

1212

MEX 23 22:33:07.6:0.6, 15.44N:91.58W, h153km,48km, MD3.9, Mexico-Guatemala border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CCGI Comitan, RAO Raoul Island, etc.

IDC 23 22:53:23.6:0.8, 29.33S:176.16W, h0km, mb4.3/8, mb1.4/9, mb1mx4.2/2.1, mbtmp4.2/9, ML4.0/2, MS3.5/6, Ms1.3.5/6, ms1mx3.1/2.8, Error ellipse: s-maj=24.7km s-min=18.8km az=167.0

ISCJB 23 22:53:25.2:0.5, 29.69S:0.06:176.36W:0.08, h21km, mb4.7/18, MS3.6/4, Error ellipse: s-maj=11.4km s-min=7.2km az=37.1

NEIC 23 22:53:30.6:1.3, 29.62S:176.34W, h53km, 11km, mb4.5/10, Error ellipse: s-maj=10.9km s-min=10.1km az=136.0

ISC 23 22:53:27.0:0.5, 29.56S:0.08:176.29W:0.07, h21km, n56, e1937/52, mb4.6/18, MS3.6/4, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO Raoul Island, RAO Raoul Island, OUZ Omahuta, etc.

IDC 23 22:30:48.3:1.1, 28.52S:176.49W, h0km, mb3.9/4, mb1.4/1.6, mb1mx3.9/2.4, mbtmp4.1/6, ML4.0/2, Error ellipse: s-maj=35.9km s-min=21.6km az=139.0

ISCJB 23 22:30:49.6:1.1, 28.84S:0.09:176.2W:0.1, h36km, mb4.4/8, Error ellipse: s-maj=15.9km s-min=12.6km az=23.4

NEIC 23 22:30:49.5:0.7, 28.74S:176.40W, h10km, mb4.5/7, Error ellipse: s-maj=19.4km s-min=10.8km az=115.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO Raoul Island, RAO Raoul Island, OUZ Omahuta, etc.

1215 2011 AUG 24d 0h

041A	Passleys Farm, baz=98	10.24 286	P	Pn	00 07 03.3	-0.7
M41A	Milan	10.25 293	P	Pn	00 07 03.0	-1.0
L41A	Preston baz=106	10.42 297	P	Pn	00 07 05.3	-1.0
348A	Jackson baz=49	10.45 234	P	Pn	00 07 06.2	-0.5
K41A	Shullsburg baz=112	10.47 300	P	Pn	00 07 05.9	-1.2
146A	Union baz=57	10.48 243	P	Pn	00 07 06.1	-1.1
247A	Quitman baz=53	10.51 239	P	Pn	00 07 07.7	+0.1
247A			S	Sn	00 09 03.1	-2.6
JFWS	Jewell Farm baz=117,SNR=11	10.55 302	ePn	Pn	00 07 09.5	+1.3
Z45A	Winona baz=61,SNR=8.5	10.55 248	P	Pn	00 07 07.8	-0.4
Z45A			S	Sn	00 09 04.8	-2.1
J41A	Loganville baz=117,SNR=11	10.59 304	P	Pn	00 07 07.4	-1.3
U42A	Revdent baz=78,SNR=12	10.69 265	P	Pn	00 07 09.5	-0.5
I41A	Arkdale baz=120,SNR=5.8	10.83 308	P	Pn	00 07 10.3	-1.6
347A	Saraland baz=50	10.87 236	P	Pn	00 07 12.0	-0.5
S41A	Jilco Farms, baz=84,SNR=12	10.89 272	P	Pn	00 07 12.8	0.0
L40A	Anamosa baz=108	10.93 296	P	Pn	00 07 11.5	-1.8
V42A	Cord baz=75,SNR=24	10.94 263	P	Pn	00 07 12.3	-1.2
T41A	Mountain View baz=81,SNR=12	10.97 269	P	Pn	00 07 13.6	-0.3
H41A	Junction City baz=123	10.99 311	P	Pn	00 07 12.5	-1.6
H41A			S	Sn	00 09 11.9	-5.5
O40A	La Belle baz=97,SNR=7.3	11.00 286	P	Pn	00 07 13.9	-0.4
K40A	Colesburg baz=111	11.08 299	P	Pn	00 07 13.9	-1.5
K40A			S	Sn	00 09 15.4	-4.3
Q40A	Laux Farm, Aug baz=91,SNR=9.9	11.08 280	P	Pn	00 07 16.0	+0.6
J40A	Soldiers Grove baz=115,SNR=9.2	11.08 303	P	Pn	00 07 13.8	-1.6
40A	Norwalk baz=118,SNR=20	11.22 306	P	Pn	00 07 15.3	-2.1
U41A	Viola baz=78,SNR=21	11.23 266	P	Pn	00 07 16.8	-0.6
R40A	Maddies Statio baz=88,SNR=5.9	11.24 276	P	Pn	00 07 17.7	0.0
H40A	Chili baz=121	11.44 309	P	Pn	00 07 18.0	-2.3
S40A	Lebanon baz=84,SNR=20	11.48 273	P	Pn	00 07 20.1	-0.8
346A	Big Creek Wild baz=52	11.49 239	P	Pn	00 07 20.6	-0.4
L39A	Vinton baz=107	11.50 296	P	Pn	00 07 19.9	-1.2
V41A	Mountainview baz=75,SNR=12	11.54 263	P	Pn	00 07 21.1	-0.6
T40A	Mansfield baz=82,SNR=17	11.55 270	P	Pn	00 07 21.6	-0.2
N39A	Derby Farms, D baz=100	11.58 289	P	Pn	00 07 21.6	-0.7
COWI	Conover	11.59 318	ePn	Pn	00 07 21.0	-1.4
K39A	Oelwein baz=110	11.60 298	P	Pn	00 07 20.1	-2.4
G40A	Rib Lake baz=124,SNR=5.8	11.67 312	P	Pn	00 07 21.7	-1.8
J39A	Decorah baz=113	11.70 302	P	Pn	00 07 21.5	-2.4
WHAR	Woolly Hollow	11.79 261	ePn	Pn	00 07 23.8	-1.2
W41B	Gary Mavity, V baz=72,SNR=24	11.79 261	ePn	Pn	00 07 23.3	-1.8
I39A	Houston baz=116,SNR=11	11.79 304	P	Pn	00 07 23.0	-2.1
446A	Poplarville baz=50	11.80 236	P	Pn	00 07 24.6	-0.6
R39A	Chumbly, Stover baz=81	11.85 276	P	Pn	00 07 25.2	-0.7
X301	Greenbrier St	11.89 261	ePn	Pn	00 07 25.5	-1.0
244A	Avery, Jackson baz=57	11.96 244	P	Pn	00 07 26.1	-1.3
U40A	Yellville baz=78,SNR=19	11.96 267	P	Pn	00 07 26.0	-1.4
UALR	University of	11.99 259	ePn	Pn	00 07 28.0	+0.2
H39A	Augusta baz=120	12.02 308	P	Pn	00 07 25.5	-2.7
V40A	Whits Springs baz=76,SNR=10	12.06 264	P	Pn	00 07 26.7	-2.2
N38A	Joeh South For baz=99	12.12 288	P	Pn	00 07 27.2	-2.4
S39A	Bolivar baz=84,SNR=9.8	12.12 273	P	Pn	00 07 27.8	-1.8
L38A	Oak Wood Farm, baz=105	12.19 295	P	Pn	00 07 29.7	-0.9
K38A	Parkersburg baz=108	12.20 297	P	Pn	00 07 29.4	-1.3
M38A	Pleasantville baz=102	12.20 291	P	Pn	00 07 29.3	-1.4
T39A	Cleaver baz=81,SNR=6.7	12.25 270	P	Pn	00 07 30.2	-1.2
G39A	Holcombe baz=122	12.26 311	P	Pn	00 07 30.0	-1.5
Z42A	Norrel Spur, H baz=64	12.27 252	P	Pn	00 07 30.0	-1.7
SCIA	State Center baz=107	12.32 293	ePn	Pn	00 07 33.4	+1.0
I38A	Scanlan Farm, baz=115	12.40 304	P	Pn	00 07 31.3	-2.1
W40A	Ferguson Farm, baz=73	12.43 262	P	Pn	00 07 32.6	-1.2
U39A	Green Forest baz=78,SNR=11	12.45 267	P	Pn	00 07 32.4	-1.7
X40A	Basin Creek Fa baz=70,SNR=8.6	12.47 258	P	Pn	00 07 32.4	-2.1
Y41A	Eaglette Beard baz=67	12.52 255	P	Pn	00 07 34.4	-0.7
R38A	Fenwick Farm, baz=86	12.54 276	P	Pn	00 07 33.6	-1.7
S38A	Stockton baz=84	12.59 273	P	Pn	00 07 34.7	-1.4
G38A	Ridgeland baz=120	12.61 309	P	Pn	00 07 33.5	-2.8
V39A	Pettigrew baz=76,SNR=8.7	12.70 265	P	Pn	00 07 36.4	-1.2
HHAR	Hobbs baz=73	12.83 267	ePn	Pn	00 07 38.1	-1.3
M37A	Trindle Farm, baz=100,SNR=6.9	12.83 290	P	Pn	00 07 38.8	-0.5
K37A	Belmond baz=107	12.85 297	P	Pn	00 07 37.5	-2.0
Z41A	Richland Creek baz=65	12.93 253	P	Pn	00 07 39.0	-1.7
J37A	Redenius Farm, baz=109	12.95 299	P	Pn	00 07 39.0	-2.0
T38A	Diamond baz=81	12.97 271	P	Pn	00 07 39.6	-1.7
WLAR	White Oak Lake	12.98 255	ePn	Pn	00 07 40.0	-1.4
W39A	Magazine baz=70,SNR=9.7	12.98 262	P	Pn	00 07 40.2	-1.2
Y40A	Oklona baz=68	12.98 257	P	Pn	00 07 39.7	-1.8
242A	Grayson baz=59	13.00 247	P	Pn	00 07 40.0	-1.7
H37A	Dierke Farm, C baz=116	13.01 305	P	Pn	00 07 39.4	-2.3
MIAR	Mount Ida baz=70,SNR=20	13.03 260	P	Pn	00 07 40.8	-1.2
MIAR	Mount Ida baz=107	13.03 260	ePn	Pn	00 07 40.7	-1.4
I37A	Lemond, Waseca baz=112	13.03 302	P	Pn	00 07 41.3	-1.6
U38A	Gravette baz=73	13.15 268	P	Pn	00 07 42.0	-1.8
SP3M	Marine on St. baz=118	13.22 308	P	Pn	00 07 42.8	-1.9
SP3M	Marine on St. baz=118	13.22 308	ePn	Pn	00 07 42.1	-2.6
C38A	Grand Marais baz=134	13.24 322	P	Pn	00 07 43.5	-1.4
V39A	Canehill baz=76	13.30 266	P	Pn	00 07 44.0	-1.7
Z40A	Long Farm, Mag baz=65	13.38 254	P	Pn	00 07 46.5	-0.3

K36A	Gilmore City baz=105	13.39 296	P	Pn	00 07 45.6	-1.3
N36A	Muff Farm, Cla baz=97	13.42 287	P	Pn	00 07 46.2	-1.2
T37A	Cheyleville 18 baz=82	13.45 272	P	Pn	00 07 45.9	-1.9
X39A	Fountain Ranch baz=71	13.46 260	P	Pn	00 07 46.0	-1.9
J36A	Seneca 1, Swea baz=108	13.50 298	P	Pn	00 07 46.7	-1.8
I36A	Fitzsimmons Fa baz=111	13.51 302	P	Pn	00 07 46.9	-1.7
W38A	Poteau baz=73	13.60 263	P	Pn	00 07 47.4	-2.4
U37A	Salina baz=79	13.74 269	P	Pn	00 07 51.4	-0.3
C38A	Sawbill Land. baz=100	13.75 319	P	Pn	00 07 50.5	-1.4
V37A	Hulbert baz=76	13.87 267	P	Pn	00 07 52.1	-1.4
X38A	Whitesboro baz=72,SNR=9.4	13.96 261	P	Pn	00 07 54.0	-0.8
F36A	Milaca baz=119,SNR=7.6	13.97 309	P	Pn	00 07 52.8	-2.2
EYMM	Ely baz=130	14.01 320	P	Pn	00 07 52.6	-2.9
EYMM	Ely baz=130	14.01 320	ePn	Pn	00 08 03.0	-0.5
D37A	Clayton baz=126	14.03 315	P	Pn	00 07 52.8	-2.8
E36A	McGregor baz=122	14.14 312	P	Pn	00 07 54.4	-2.9
W37B	Quinton baz=74	14.29 264	P	Pn	00 07 58.0	-1.4
TUL1	Leonard baz=77	14.38 267	ePn	Pn	00 07 58.7	-1.8
TUL1	Leonard baz=77	14.38 267	ePn	Pn	00 08 02.5	+2.0
X37A	Clayton baz=72	14.41 282	P	Pn	00 07 59.8	-1.1
D36A	Goodland baz=124	14.45 314	P	Pn	00 08 00.2	-1.2
V36A	Jenks baz=76	14.53 267	P	Pn	00 08 00.8	-1.7
C36A	Pine Crest Far baz=127	14.61 317	P	Pn	00 08 01.3	-2.2
KSU1	Kansas State U baz=117	14.61 280	eP	Pn	00 08 12.2	+2.0
F35A	Swanville baz=117	14.62 308	P	Pn	00 08 01.3	-2.5
P34A	Walnut Farm, R baz=90	14.77 282	P	Pn	00 08 04.3	-1.5
D35A	Remer baz=122	14.91 313	P	Pn	00 08 05.9	-1.8
H34A	Spellman Lake, baz=111	14.92 302	P	Pn	00 08 05.3	-2.6
F34A	Alexandria baz=78,SNR=21	15.02 307	P	Pn	00 08 06.7	-2.5
G34A	Benson baz=113	15.04 304	P	Pn	00 08 06.5	-3.0
X36A	Centrahoma baz=72	15.18 263	P	Pn	00 08 10.0	-1.4
C35A	Jirik Farms, M baz=124	15.20 315	P	Pn	00 08 09.1	-2.5
ECSD	EROS Data Cent baz=106	15.20 298	P	Pn	00 08 09.6	-2.1
ECSD	EROS Data Cent baz=106	15.20 298	ePn	Pn	00 08 08.9	-2.7
W35A	Tecumseh baz=74	15.42 265	P	Pn	00 08 12.1	-2.5
G33A	Ortonville baz=11	15.55 303	P	Pn	00 08 12.8	-3.3
D34A	Park Rapids baz=120	15.58 311	P	Pn	00 08 14.2	-2.4
F33A	5 Mile Ranch, baz=14,SNR=6.7	15.70 306	P	Pn	00 08 14.7	-3.4
BGNE	Belgrade baz=44nm,0.6s	15.88 289	ePn	Pn	00 08 21.5	+1.0
AGMM	Agassiz Nation baz=11nm,0.6s	16.59 314	ePn	Pn	00 08 34.8	+2.7
V32A	Arapahoe baz=76	16.99 269	P	Pn	00 08 32.8	-1.9
E31A	Nome baz=76	17.00 307	P	Pn	00 08 31.1	-3.7
WMOK	Wichita Mouna baz=73	17.04 265	P	Pn	00 08 33.4	-1.9
WMOK	Wichita Mouna baz=73	17.04 265	ePn	Pn	00 08 35.0	-0.4
CBKS	Cedar Bluff baz=99,0.6s	17.06 280	ePn	Pn	00 08 40.1	+2.7
A32A	Rocking H Ranc baz=122	17.27 315	P	Pn	00 08 36.4	-1.8
335A	Moody baz=73	17.31 253	P	Pn	00 08 37.3	-1.5
ULM	Loc du Bonnet baz=1nm,0.6s	17.70 320	Pn	Pn	00 08 41.5	-2.0
ULM	Loc du Bonnet baz=1nm,0.6s	17.70 320	ePn	Pn	00 08 41.5	-2.0
ULM	0.6nm,0.3s,baz=340,slow=22,SNR=6.2		Lg	Lg	00 13 41.8	
334A	Lometa baz=63	17.90 254	P	Pn	00 08 44.4	-1.6
F29A	Eureka baz=108	18.01 303	P	Pn	00 08 46.4	-0.9
434A	Burnet baz=62	18.17 253	P	Pn	00 08 49.0	-0.4
ABTX	Abilene Hawle baz=108	18.44 260	eP	Pn	00 08 53.9	+1.2
333A	Richland Sprin baz=63	18.47 255	P	Pn	00 08 52.7	-0.3
SCHO	Schefferville baz=108	18.50 21	Pn	Pn	00 08 52.1	-1.1
SCHO	0.3nm,0.3s,baz=205,slow=15,SNR=3.4		Lg	Lg	00 14 03.2	
SCHO	0.3nm,0.3s,baz=338,slow=13,SNR=4.5		Lg	Lg	00 14 03.2	
SCHO	Schefferville baz=108	18.50 21	eP	Pn	00 08 52.1	-1.1
544A	Blanco baz=60	18.71 251	P	Pn	00 08 54.9	-0.8
OGNE	Ogallala baz=58nm,1.4s	18.78 287	eP	Pn	00 09 00.3	+3.5
433A	Art baz=62	18.82 254	P	Pn	00 08 56.1	-0.7
AMTX	Amarillo baz=10nm,0.6s	19.29 268	eP	Pn	00 09 05.1	+2.0
JCT	Junction City baz=63nm,0.8s	19.49 254	P	Pn	00 09 03.6	-0.7
JCT	Junction City baz=63nm,0.8s	19.49 254	eP	Pn	00 09 04.3	-0.7
TEIG	Teich baz=1.6nm,21.7s,baz=53,slow=37	19.80 210	LR	LR	00 16 44.0	
MSTX	Muleshoe baz=72	20.42 266	P	Pn	00 09 14.9	+0.4
MSTX	Muleshoe baz=72	20.42 266	eP	Pn	00 09 16.5	0.0
T25A	Trinidad baz=44nm,0.3s	20.93 276	eP	Pn	00 09 23.8	+1.2
PHWY	Pilot Hill baz=16nm,0.9s	21.37 288	eP	Pn	00 09 26.3	+1.4
ISCO	Idaho Springs baz=4.4nm,0.7s	21.54 283	eP	Pn	00 09 29.0	+2.3
DGMT	Dagmar baz=63nm,1.5s	21.68 307	eP	Pn	00 09 30.6	+2.7
SDCO	Great Sand Dun baz=28nm,0.4s	21.69 278	eP	Pn	00 09 32.7	+4.3
K22A	Casper baz=21nm,1.0s	22.19 291	eP	Pn	00 09 34.9	+1.3
SMCO	Snowmass baz=					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like UPC Upice, DPC Dobruska-Polom, MOA Molin, KRLC Kraliky, MOTA Moosalm, CONA Conrad Observa, KBA Koelnbreispers.

NIED 24 02:53:00, 39.60N, 143.60E, h23km, Mw3.8 Best double couple: M=4.76000e+10, NP1=205.00000, 332.00000, 1.86.00000, NP2=20.00000, 858.00000, 1.93.00000, ISCJB 24 02:53:28.0, 9.39, 61N, 0.05:143.54E, 0.08, h11km, mb3.6/3, Error ellipse: s-maj=3.8km s-min=7.3km az=19.8 JMA 24 02:53:29.0, 2.39, 61N, 0.05:143.57E, h27km, mb3.9, IDC 24 02:53:32.8, 3.28, 39.25N, 141.10E, h179km, 28km, mb3.1/3, mb1 3.3/5, mb1mx3.0/28, mbtm3.3/5, Error ellipse: s-maj=42.2km s-min=19.8km az=93.0 ISC 24 02:53:29.7, 1.3, 39.60N, 0.06:143.45E, 0.08, h11km, n17, c2571/16, 3C-5D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MIYJ Miyakonagasawa, JTH Tanohata, JOM Ohasama, JANG Nango, JMK Ichinoseki, JIO Ouri, JTM Tenmabayashi, JTM JTM, JRJ Rokujo, JAH Hinai, JEH Erimo, JEM JEM, JYK Kaneyama, MAT Matsushiro, MAT Matsushiro, MJAR Matsushiro Arr, USRK Ussuriysk Ar, ILAR Eielson Array, WRA Warramunga Arr, FINES FINES Array B.

ISCJB 24 03:03:46.0, 5.7, 89N, 0.03:27.66E, 0.03, h5km, 6km, Error ellipse: s-maj=5.1km s-min=4.5km az=18.1 DDA 24 03:03:46.2, 37.90N, 27.64E, h7km, Md2.6 ISK 24 03:03:47.2, 37.86N, 27.73E, h6km, Md2.6 CSEM 24 03:03:47.1, 0.3, 37.85N, 27.75E, h10km, Md2.6, Error ellipse: s-maj=8.7km s-min=5.7km az=108.0 ISC 24 03:03:46.4, 1.0, 37.84N, 0.03:27.68E, 0.03, h9km, 9km, n25, c094/37, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AYDB Zeytinkoy-Aydi, AYDB Zeytinkoy-Aydi, AYDB G?zelcaml?, GCAM G?zelcaml?, GCAM G?zelcaml?, MLSE Milas, MLSE Milas, DGB Zmir, DGB Zmir, BDRM Kayabasi, BDRM Kayabasi, BDRM Kayabasi, BODT Bodrum, BODT Bodrum, BODT Bodrum, URLA Izmir, URLA Izmir, ZEY Zmir, KULA Kula-Manisa, KULA Kula-Manisa, AKS Aktisar, AKS Aktisar, DAT Datca, DAT Datca, DAT Datca, DAT Datca, TURN Turunc, TURN Turunc, TURN Turunc, CHOS Chios island, CHOS Chios island.

ISK 24 03:25:25.8, 39.11N, 29.03E, h5km, ML2.3 DDA 24 03:25:25.6, 39.12N, 28.98E, h7km, Md2.7 ISCJB 24 03:25:26.0, 6.39, 10N, 0.05:29.01E, 0.05, h5km, 7km, Error ellipse: s-maj=9.3km s-min=5.3km az=143.6 CSEM 24 03:25:26.0, 4.2, 39.10N, 29.02E, h5km, ML2.3, Error ellipse: s-maj=4.9km s-min=2.9km az=132.0 ISC 24 03:25:26.2, 0.9, 39.10N, 0.04:29.02E, 0.03, h10km, 7km, n17, c094/37, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SIMA Simav-Kutahya, SIMA Simav-Kutahya, SIMA Demirci, DEMI Demirci, DEMI Demirci, TVSB Tavsanli, TVSB Tavsanli, TVSB Tavsanli, KULA Kula-Manisa, KULA Kula-Manisa, BALB Balikesir, BALB Balikesir, IGDI Bursa, IGDI Bursa, KCTX Karacabey (Bur), KCTX Karacabey (Bur), BORA Eskisehir, BORA Eskisehir, ARMT Armutlu, ARMT Armutlu.

ISCJB 24 03:45:02.9, 1.3, 35.95N, 0.05:69.7E, 0.2, h35km, Error ellipse: s-maj=19.1km s-min=6.4km az=166.1 NNC 24 03:45:13.9, 5.9, 36.34N, 69.57E, h99km, 125km, mb3.1, mp3.6, Error ellipse: s-maj=53.7km s-min=44.1km az=135.0 ISC 24 03:45:04.5, 1.6, 35.88N, 0.10:69.5E, 0.1, h35km, n12, c2571/16, 3C-5D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MNAS Manas, MNAS Manas, KK31 Karatay Array, AAK Ala-Archa, AAK Ala-Archa, PYUN Piuthan, KOLN Koldanda, GKN Gorkha, AB31 Akbulak array, AB31 Akbulak array, DMN Damam, PKIN Phulchoki, PKI Pulchoki, JIRN Jiri, AKTO Aktyubinsk.

MEX 24 03:47:34.7, 0.7, 14.96N, 97.39W, h16km, 999km, MD3.9, Off coast of Oaxaca HUIG Huatulco, HUIG Huatulco, PHUG Pinotepa, VHO Vista Hermosa, VHO Vista Hermosa.

MEX 24 04:12:23.0, 4.0, 13.95N, 92.00W, h65km, 44km, MD3.5, Near coast of Guatemala TGIG Guatemala, TGIG Guatemala.

NIED 24 04:19:00, 38.10N, 144.10E, h5km, Mw3.6 Best double couple: M=2.47000e+10, NP1=211.00000, 824.00000, 1.21.00000, NP2=211.00000, 867.00000, 1.81.00000, JMA 24 04:19:48.5, 0.3, 38.07N, 144.05E, h0km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OFUJ Ofunato, OFUJ Ofunato, JIO Ouri, MIYJ Miyakonagasawa, MIYJ Miyakonagasawa, JMK Ichinoseki, JOM Ohasama, JOM Ohasama, JYK Kaneyama, JYK Kaneyama, JOT Ohata, JKB Kayabe, JCH Churui, MAT Matsushiro, MAT Matsushiro, NEM2 Nemuro 2, NEM2 Nemuro 2.

ISCJB 24 04:45:24.6, 0.3, 37.84N, 0.02:77.88W, 0.03, h10km, mb3.3/3, Error ellipse: s-maj=9.3km s-min=2.1km az=35.6 NEIC 24 04:45:26.0, 37.83N, 77.95W, h0km, MN3.4, Mw3.2(SLM), After CERI.

NEIC Felt [V] at Arlington, Fredericksburg, Leesburg, Manassas, Mineral and Richmond; [IV] at Centreville, Fairfax, Forest, Goodland, Gordonsville, Kents Store, Louisa, Maidens, Newport News, Nokesville, Orange, Sandy Hook and Vienna. Felt [V] in the District of Columbia. Felt [V] at California, Gaithersburg, Glen Burnie; [IV] at Rockville and Silver Spring, Maryland. Felt in much of Maryland and Virginia and in parts of Delaware, North Carolina, Pennsylvania and West Virginia.

IDC 24 04:45:31.8, 11.0, 38.07N, 77.77W, h0km, mb3.2/3, mb1 3.7/3, mb1mx3.4/38, mbtm3.3/3, Error ellipse: s-maj=20.9km s-min=49.7km az=125.0 ISC 24 04:45:26.0, 6.39, 10N, 0.05:29.01E, 0.03, h10km, n58, c242/104, mb3.5/3, Virginia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CORB Corbin Frederi, CORB Corbin Frederi, SDMD Soldier's Deli, SDMD Soldier's Deli, VVWC Virginia Weste, VVWC Virginia Weste, ELA Blacksburg, ELA Blacksburg, BLA Blacksburg, MCWV Mont Chateau, MCWV Mont Chateau, MVL Millersville, MVL Millersville, MVL Millersville, O56A Blue Knob Stat, O56A Blue Knob Stat, CNNC Cliffs of the, CNNC Cliffs of the, CNNC Cliffs of the, CNNC Cliffs of the, SSSP Standing Stone, SSSP Standing Stone, SSPA Penn St. - Bra, SSPA Penn St. - Bra, PSUB Penn St. - Bra, PSUB Penn St. - Bra, LUPA Lehigh Univers, LUPA Lehigh Univers, N59A State Game Lan, N59A State Game Lan, N54A Moraine State, N54A Moraine State, N54A Moraine State, BRNJ Basking Ridge, BRNJ Basking Ridge, M54A Oak Creek Stat, M54A Oak Creek Stat, M54A Oak Creek Stat, KMSC Kings Mountain, KMSC Kings Mountain, KMSC Kings Mountain, KMSC Kings Mountain, KSPA Keystone Colle, KSPA Keystone Colle, ODNJ Ogdensburg, ODNJ Ogdensburg, ALLY Alegheny Colle, ALLY Alegheny Colle, CPNY Central Park, PAL Palisades, ERPA Erie, ERPA Erie, BINY Binghamton, BINY Binghamton, BINY Binghamton, JSC Jenkinsville, JSC Jenkinsville, ACSO Alum Creek Sta, ACSO Alum Creek Sta.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ACCO Tazewell, TAZ Tazewell, TAZ Tazewell, TAZ Tazewell, BUF Buffalo, YLE Yale, YLE Yale, NHSC New Hope, NHSC New Hope, NHSC New Hope, TKL Tuckaleechee C, TKL Tuckaleechee C, RGRS Roger Stewart, RGRS Roger Stewart, TRV Troy, TRV Troy, CPCT Cooper Cave, QUAZ Belchertown, QUAZ Belchertown, QUAZ Belchertown, BRW Bryant College, BRW Bryant College, BRW Bryant College, ACCN Adirondack Com, ACCN Adirondack Com, GOGA Godfrey, GOGA Godfrey, GOGA Godfrey, NCB Newcomb, NCB Newcomb, HRV Adam Dzewonsk, HRV Adam Dzewonsk, HRV Adam Dzewonsk, WCI Wyandotte Cave, WCI Wyandotte Cave, WCI Wyandotte Cave, WES Weston, WES Weston, WES Weston, BCX Boston College, BCX Boston College, BCX Boston College, MDV Middlebury, MDV Middlebury, SWT Sewanee, SWT Sewanee, LON Lake Ozonia, LON Lake Ozonia, LON Lake Ozonia, PLYO Plevna, PLYO Plevna, HNH Hanover, HNH Hanover, HNH Hanover, FFD Franklin Falls, FFD Franklin Falls, FFD Franklin Falls, SFIN Lafayette, SFIN Lafayette, SFIN Lafayette, FRNY Flat Rock, FRNY Flat Rock, WVT Waverly, WVT Waverly, GLMI Grayling, GLMI Grayling, TRQ Mont Tremblant, TRQ Mont Tremblant, LRJ Lakewood, LRJ Lakewood, TXAR Lajitas Array, TXAR Lajitas Array.

IDC 24 04:47:53.9, 1.9, 13.57N, 90.73W, h0km, mb3.9/5, mb1 4.2/7, mb1mx3.9/38, mbtm3.9/7, ML3.9/2, MS3.5/7, MS1 3.5/7, ms1mx3.1/37, Error ellipse: s-maj=76.0km s-min=20.2km az=142.0 CASO 24 04:47:55.1, 1.3, 14.17N, 90.24W, h4km, 6km, MD4.1, ML4.0, mb4.1(NEIC) ISCJB 24 04:47:56.0, 0.5, 14.12N, 0.07:90.26W, 0.05, h10km, mb4.2/1, MS3.4/7, Error ellipse: s-maj=12.5km s-min=3.5km az=32.7 NEIC 24 04:48:00.9, 1.0, 13.99N, 90.42W, h35km, mb4.4/9, MD4.1(SNET), Error ellipse: s-maj=23.1km s-min=12.4km az=34.0 NEIC Felt [III] at Guatemala. Also felt at San Jose Pinula. Felt [III] at Ahuachapan, El Salvador. ISC 24 04:47:57.2, 0.6, 14.11N, 0.06:90.20W, 0.05, h10km, n40, c1950/35, mb4.1/1, MS3.3/7, GC-2D, Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IXG Ixapco, IXG Ixapco, CUS1 Cusmapa, CUS1 Cusmapa, RBLD Robleda, RBLD Robleda, MONT Ecomontaza, MONT Ecomontaza, SBLS San Blas, SBLS San Blas, SNJE San Jose, SNJE San Jose, SNET Serv Nac Est T, SNET Serv Nac Est T, SNET Serv Nac Est T, SNET Serv Nac Est T, MRL Marmol, MRL Marmol, LFLU La Fuente, LFLU La Fuente, LFLU La Fuente, CMIG Matias Romero, CMIG Matias Romero, CMIG Matias Romero, CMIG Matias Romero.

ISCJB 24 04:48:00.9, 1.0, 13.99N, 90.42W, h35km, mb4.4/9, MD4.1(SNET), Error ellipse: s-maj=23.1km s-min=12.4km az=34.0 NEIC Felt [III] at Guatemala. Also felt at San Jose Pinula. Felt [III] at Ahuachapan, El Salvador. ISC 24 04:47:57.2, 0.6, 14.11N, 0.06:90.20W, 0.05, h10km, n40, c1950/35, mb4.1/1, MS3.3/7, GC-2D, Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MOLE Mollera, MOLE Mollera, JCT Junction City, JCT Junction City, WHTX Lake Whitney, WHTX Lake Whitney, WHTX Lake Whitney, TXAR Lajitas Array, TXAR Lajitas Array, TXB1 Lajitas Ar, TXB1 Lajitas Ar, CCIG Abilene, CCIG Abilene, LPJG La Paz, LPJG La Paz, WMOK Wichita Mounta, WMOK Wichita Mounta, W34A Bridge Creek, W34A Bridge Creek, TKL Tuckaleechee C, TKL Tuckaleechee C, PARMO Parma, PARMO Parma, V34A Guthrie, V34A Guthrie, SJG San Juan, SJG San Juan, PCRV Puerto La Cruz, PCRV Puerto La Cruz, CBKS Cedar Bluff, CBKS Cedar Bluff, PFOS Pinyon Flats O, PFOS Pinyon Flats O, ULM Lac du Bonnet, ULM Lac du Bonnet, SIV San Ignacio, SIV San Ignacio, YKA Yellowknife Ar, YKA Yellowknife Ar, IL1 Eielson Array B, IL1 Eielson Array B, ILAR Eielson Array, ILAR Eielson Array, SUMG Summit, SUMG Summit, NOA NORSTAR Array B, NOA NORSTAR Array B, NOA NORSTAR Array B, NOA NORSTAR Array B, DOVX Davos/Dischmat, DOVX Davos/Dischmat, FUORN Openpass-Fuorn, FUORN Openpass-Fuorn, GERES GEISS Array B, GERES GEISS Array B, SSSL Suanglung, SSSL Suanglung, WEL 24 04:55:04.9, 0.3, 36.36S, 175.90E, h170km, 2km, ML3.8/39, 20C-6D, Error ellipse: s-maj=1.9km s-min=1.7km az=0.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station details like SWA2, KUBS, GZR, etc.

THR 24 05:36:45.7-0.7, 40.55N-51.92E, h16km, ML3.8

CSEM 24 05:36:47.2-0.2, 40.64N-52.09E, h20km, ML3.8, Error

ellip: s-maj=6.9km s-min=4.6km az=9.0

AZER 24 05:36:47.4-0.1, 40.50N-52.05E, h53km, 3km, Error

ellip: s-maj=5.4km s-min=2.1km az=282.0

IDC 24 05:36:54.2-6.0, 40.96N-53.50E, h0km, mb3.7/2,

mb1 3.7/4, mb1mx3.4/4.3, mbtmp3.7/4, ML3.7, MS2.6/1,

ms1 2.6/1, ms1mx2.1/3.6, Error ellipse: s-maj=43.3km

s-min=28.3km az=67.0

ISC 24 05:36:44.3-1.4, 40.60N-51.99E, h0km, n73, c197/116, 23C-22Z, Caspian Sea

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and station details for stations like GALA, NDR, GOBA, etc.

Table with columns: CHTH, AML, AML, 05 38 53.5, and station details like CHTH, GDB, GDB, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and station details for stations like TBLG, KVAR, AB31, etc.

IDC 24 06:07:43.0-25.0, 20.42S-170.93W, h0km, mb4.2/4,

mb1 4.4/4, mb1mx3.9/29, mbtmp4.2/4, Error ellipse:

s-maj=479.5km s-min=155.9km az=76.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and station details for stations like CTA, STKA, ASAR, etc.

IDC 24 06:14:53.2-4.2, 30.30S-138.45E, h0km, mb1 3.1/3,

mb1mx3.1/2, mbtmp2.9/3, ML2.9/3, Error ellipse:

s-maj=110.2km s-min=16.8km az=42.0, South Australia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and station details for stations like STKA, STKA, ASAR, etc.

ISCJB 24 06:16:46.4-0.2, 50.20N-0.01-12.54E, h7km, 4km,

Error ellipse: s-maj=2.6km s-min=2.3km az=146.4

CSEM 24 06:16:47.4-0.1, 50.22N-12.52E, h5km, ML3.0/15, Error

BGR 24 06:16:47.6-0.2, 50.23N-12.45E, h11km, 2km, ML2.4/6,

Error ellipse: s-maj=3.3km s-min=2.2km az=92.0

CLL 24 06:16:48.4-0.3, 50.20N-12.51E, h7km, 1km, ml2.0

PRU 24 06:16:48.3, 50.20N-12.53E, h0km, West Bohemia

Swarm

ISC 24 06:16:48.0-0.8, 50.23N-0.01-12.48E, h9km, 3km,

n76, c071/140, 8D, Germany

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and station details for stations like NKC, WERN, ROHR, etc.

Table with columns: PLN, Plauen, 0.33 321, iPg, Pg, 06 16 54.3, and station details like PLN, PLN, PLN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and station details for stations like BRG, BRG, BRG, etc.

IDC 24 06:17:19.4-1.2, 24.13N-91.28E, h0km, mb3.9/5,

mb1 4.1/5, mb1mx3.6/39, mbtmp3.9/5, Error ellipse:

s-maj=56.6km s-min=23.8km az=56.0

ISCJB 24 06:17:21.6-1.1, 24.07N-91.28E, h0km, mb3.9/5,

ISCJB 24 06:17:21.6-1.1, 24.07N-91.28E, h0km, mb3.9/5,

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and station details for stations like PRU, PRU, PVCC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ROHR, ROHRbach, GUNZ, MULDD, MULDDberg, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ADEN, UDYN, ABTA, ARSA, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like URZ, STKA, WRA, ASAR, ILAR, etc.

IDC 24 07:13:51.2, 3.9, 14.47N, 92:37W, h0km, mb3.8/3, mb1 4.1/5, mb1mx3.739, mbtmp3.7/5, ML3.7/2, MS3.2/1, Ms1 3.2/1, ms1mx2.5/30, Error ellipse: s-maj=129.2km s-min=59.6km az=41.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CCIG, CCIG, CCIG, TGIG, TGIG, etc.

CSEM 24 07:23:44.6, 0.1, 50.37N, 12:34E, h2km, ML3.5/23, Error ellipse: s-maj=3.5km s-min=2.6km az=170.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NKC, NKC, NKC, WERN, WERN, etc.

ISC/JB 24 07:23:46.5, 0.2, 50.18N, 01:12E, 52E, 0.02, h9km, 2km, Error ellipse: s-maj=2.3km s-min=2.0km az=144.6

CSEM 24 07:23:48.2, 50.22N, 12:45E, h11km, ML3.1/6, IPEC 24 07:23:48.0, 50.22N, 12:45E, h8km, ML3.1/4, Error ellipse: s-maj=0.4km s-min=0.4km az=62.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NKC, NKC, NKC, WERN, WERN, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MULDD, MULDD, MULDD, MULDD, etc.

WERN 24 07:23:44.6, 0.1, 50.37N, 12:34E, h2km, ML3.5/23, Error ellipse: s-maj=3.5km s-min=2.6km az=170.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WET, WET, WET, BRG, BRG, etc.

WERN 24 07:23:44.6, 0.1, 50.37N, 12:34E, h2km, ML3.5/23, Error ellipse: s-maj=3.5km s-min=2.6km az=170.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WET, WET, WET, BRG, BRG, etc.

WERN 24 07:23:44.6, 0.1, 50.37N, 12:34E, h2km, ML3.5/23, Error ellipse: s-maj=3.5km s-min=2.6km az=170.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WET, WET, WET, BRG, BRG, etc.

WERN 24 07:23:44.6, 0.1, 50.37N, 12:34E, h2km, ML3.5/23, Error ellipse: s-maj=3.5km s-min=2.6km az=170.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WET, WET, WET, BRG, BRG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MOTA Moosalm, KBA Koelnbreinsper, CONA Conrad Observa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like NKC Novy Kostel, WERN Wernitzgruen, ROHR Rohrbach, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like NKC Novy Kostel, WERN Wernitzgruen, ROHR Rohrbach, etc.

ISCJB 24 07:26:54.0.2.50:19N.0:02:12:55E.0:02:h8km,3km, Error ellipse: s-maj=2.7km s-min=2.2km az=42.3

IASPEI 24 07:32:32.9.0.8.50:22N.0:02:12:48E.0:03:h10km,4km, Error ellipse: s-maj=4.3km s-min=2.5km az=78.4, GT5 selection from ISC bulletin GT5 identified by Bond'jr and

McLaughlin (2009) selection criteria Bond'jr and McLaughlin, A new ground truth data set for seismic studies, <I>Seism. Res. Let.</I>, 80,465-472, 2009

ISC 24 07:32:32.0.0.6.50:22N.0:02:12:52E.0:04:h11km,6km, Error ellipse: s-maj=4.0km s-min=3.2km az=159.7

CSEM 24 07:32:32.8.0.1.50:22N.0:12:49E,h10km,ML2.9/6, Error ellipse: s-maj=1.5km s-min=1.3km az=48.0

BGR 24 07:32:33.1.0.2.50:21N.12:52E,h0km, West Bohemia Swarm

ISC 24 07:32:32.9.0.8.50:22N.0:02:12:49E.0:02:h10km,4km, n43,05176,6D,Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like NKC Novy Kostel, WERN Wernitzgruen, ROHR Rohrbach, etc.

CSEM 24 07:42:06.9.0.1.46:03N.6:88E,h5km,ML1.9/10, Error ellipse: s-maj=2.4km s-min=1.3km az=97.0

LDG 24 07:42:06.9.0.1.46:03N.6:88E,h2km,Md1.8/3,ML2.1/1, Error ellipse: s-maj=1.8km s-min=1.0km az=105.0

ROM 24 07:42:07.6.0.4.45:99N.6:99E,h10km,1km,Md1.8/3,ML1.2/3, Error ellipse: s-maj=5.0km s-min=1.6km az=116.0

ZUR 24 07:42:07.0.46:03N.6:88E,h4km,1km,ML1.5/6,11C-6D, Switzerland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like EMV Vieux Emosson, MRGE Morge, AIGLE Aigle, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Grande Dixence, Roseland, La Plagne, etc.

DMN 24 07:46:48.7,0.3,30.47N;81.26E,h10km,ML4.6/10,Error ellipse: s-maj=10.0km s-min=5.6km az=36.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Piuthan, Koldanda, Gorkha, etc.

BJI 24 08:08:12.1,72.60N;3.60E,h11km,mb4.9/47,mB5.3/62,Ms5.1/63,Ms7.4.8/60

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Jan Mayen, Bjo, etc.

Main table with columns: TRO, eSn, S, Sn, Time, Res. Includes stations like Tromso, Barentsburg A, Steigen, etc.

Table with columns: HASU, SUE, BORG, NB2, NOA, ASK, BER, etc. Includes station names and time/res data.

24d 8h

Table with columns: SFJD, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Kangerlussuaq, Kangerlussuaq, Kangerlussuaq, Kalingrad, Kalingrad, Kalingrad, etc.

2011 AUG

Table with columns: Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Clavier, Berggiesshubel, BRG, BRG, BRG, etc.

1224

Table with columns: Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Kasperke Hory, Kasperke Hory, Trest, Trest, Trest, etc.

X38A	Whitesboro	59.77 289	P	P	08 18 19.4 -0.8
SRU	San Rafael Swe	59.77 305	eP	pmax	08 18 20.6 +0.2
SRU	comp-Z,71nm,1.9s				
SRU	San Rafael Swe	59.77 305	eP	P	08 18 20.6 +0.2
SRU	comp-Z,71nm,1.9s				
SDCO	Great Sand Dun	59.78 300	eP	P	08 18 20.9 -0.7
SDCO	Great Sand Dun	59.78 300	eP	P	08 18 20.1 -0.5
SDCO	Great Sand Dun	59.78 300	eP	P	08 18 20.1 -0.5
Z44A	Pea Ridge, Bel	59.81 285	P	P	08 18 19.5 -0.9
M04C	Macdoel	59.82 317	P	P	08 18 20.9 +0.3
L02D	Cave Junction,	59.83 317	P	P	08 18 20.2 -0.3
Y41A	Eaglette Beard	59.87 287	P	P	08 18 19.4 -1.4
W35A	Tecumseh	59.89 291	P	P	08 18 20.2 -0.8
Y40A	Okolona	59.94 288	P	P	08 18 20.6 -0.7
V32A	Arapaho	59.96 294	P	P	08 18 21.0 -0.5
SGU	Sterling	59.98 306	eP	P	08 18 22.9 +1.0
SGU	Sterling	59.98 306	eP	P	08 18 22.9 +1.0
X37A	Clayton	59.99 290	P	P	08 18 20.7 -1.0
PV09	Paradox Valley	60.00 303	eP	P	08 18 22.1 0.0
PV09	Paradox Valley	60.00 303	eP	P	08 18 22.1 0.0
146A	Union	60.01 283	P	P	08 18 19.8 -2.0
PV04	Paradox Valley	60.04 303	eP	P	08 18 22.1 -0.1
PV04	Paradox Valley	60.04 303	eP	P	08 18 22.1 -0.1
W34A	Bridge Creek,	60.06 292	eP	P	08 18 21.5 -0.7
W34A	Bridge Creek,	60.06 292	eP	P	08 18 22.2 0.0
W34A	Bridge Creek,	60.06 292	eP	P	08 18 22.2 0.0
W34A	Bridge Creek,	60.06 292	eP	P	08 18 22.2 0.0
T25A	Trinidad	60.07 299	eP	P	08 18 21.5 -1.0
T25A	Trinidad	60.07 299	eP	P	08 18 22.2 -0.3
T25A	Trinidad	60.07 299	eP	P	08 18 22.2 -0.3
PV10	Paradox Valley	60.09 303	eP	P	08 18 23.6 +0.9
PV10	Paradox Valley	60.09 303	eP	P	08 18 23.6 +0.9
Z43A	Armstrong Fami	60.10 286	P	P	08 18 21.4 -1.0
248A	Dixon Mills	60.13 282	P	P	08 18 22.7 +0.1
S22A	4UR Ranch, Cre	60.13 301	P	P	08 18 23.0 +0.1
S22A	4UR Ranch, Cre	60.13 301	eP	P	08 18 23.0 +0.1
S22A	4UR Ranch, Cre	60.13 301	eP	P	08 18 23.1 +0.1
WLAR	White Oak Lake	60.20 287	eP	P	08 18 23.6 +0.5
WLAR	White Oak Lake	60.20 287	eP	P	08 18 23.6 +0.5
PV01	Paradox Valley	60.20 303	eP	P	08 18 23.5 +0.1
PV01	Paradox Valley	60.20 303	eP	P	08 18 23.4 +0.1
Y39A	Lockesburg	60.24 288	P	P	08 18 22.6 -0.8
Z42A	Norrel Spur, H	60.25 286	P	P	08 18 22.3 -1.2
PYUN	Pluthan	60.26 91	eP	P	08 18 24.1 +0.2
X36A	Centrahoma	60.29 291	P	P	08 18 23.4 -0.3
145A	Houston Renfro	60.29 284	P	P	08 18 22.6 -1.2
W33A	Caddo, Fort Co	60.33 293	P	P	08 18 24.3 +0.2
PV05	Paradox Valley	60.39 303	eP	P	08 18 24.5 -0.2
PV05	Paradox Valley	60.39 303	eP	P	08 18 24.5 -0.2
144A	Alexander Plac	60.41 285	P	P	08 18 23.4 -1.2
M02C	Callahan	60.41 316	P	P	08 18 24.1 -0.5
247A	Quitman	60.42 283	P	P	08 18 23.1 -1.5
Y38A	Idabel	60.43 289	P	P	08 18 24.1 -0.6
KRMB	Red Mountain	60.50 317	eP	P	08 18 27.1 +1.8
KRMB	Red Mountain	60.50 317	eP	P	08 18 27.1 +1.8
Z41A	Richland Creek	60.51 287	P	P	08 18 24.4 -0.8
W32A	Sentinel	60.57 293	P	P	08 18 25.4 -0.3
246A	Jackson Lee, B	60.61 283	P	P	08 18 24.4 -1.5
X35A	Drake	60.62 291	P	P	08 18 25.4 -0.6
143A	Soes Landing,	60.62 285	P	P	08 18 24.9 -1.1
X34A	Smith Ranch, M	60.67 292	P	P	08 18 26.4 0.0
Z40A	Long Farm, Mag	60.68 288	P	P	08 18 26.1 -0.3
MSU	Marysvalle	60.74 306	eP	P	08 18 27.9 +0.8
MSU	Marysvalle	60.74 306	eP	P	08 18 27.9 +0.8
MSU	Marysvalle	60.74 306	eP	P	08 18 27.9 +0.8
K0LN	Koldanda	60.75 91	eP	P	08 18 27.1 -0.1
N02D	Trinity Center	60.78 316	P	P	08 18 27.0 -0.1
BRAD	Brewton	60.79 281	eP	P	08 18 26.3 -0.9
WMOK	Wichita Mounta	60.81 293	eP	P	08 18 27.1 -0.3
WMOK	Wichita Mounta	60.81 293	eP	pmax	08 18 27.0 -0.3
WMOK	Wichita Mounta	60.81 293	eP	P	08 18 27.0 -0.3
WMOK	Wichita Mounta	60.81 293	eP	P	08 18 27.0 -0.3
348A	Jackson	60.81 282	P	P	08 18 25.6 -1.7
245A	Little AP, Sta	60.81 284	P	P	08 18 25.7 -1.6
VBMS	Vicksburg	60.82 284	P	P	08 18 26.0 -1.4
GKN	Gorkha	60.85 89	eP	P	08 18 27.7 -0.1
DL2	Dalian	60.88 52	P	PP	08 18 26.9 -0.7
DL2			PP	PP	08 20 39.6 -1.6
DL2			PP	PP	08 26 43.0 -2.1
DL2	comp-Z,25nm,0.8s		pmax	pmax	
DL2	comp-Z,240nm,4.8s		LR	LR	
DL2	comp-Z,1µm,17.2s		LR	LR	
DL2	comp-Z,440nm,17.8s		LR	LR	
DL2	comp-Z,1µm,16.2s		LR	LR	
Y36A	Durant	60.90 290	P	P	08 18 27.4 -0.5
X33A	Lawton	60.91 293	P	P	08 18 27.6 -0.5
Z39A	Irene McRaven,	60.92 288	P	P	08 18 27.2 -0.8
142A	Monroe	60.93 286	P	P	08 18 27.9 -0.2
347A	Saraland	61.01 282	P	P	08 18 27.3 -1.4
244A	Avery Jackson	61.04 285	P	P	08 18 27.8 -1.0
MVCO	Mesa Verde	61.06 302	eP	P	08 18 29.8 +0.4
MVCO	Mesa Verde	61.06 302	eP	P	08 18 29.8 +0.5
MVCO	Mesa Verde	61.06 302	eP	P	08 18 29.8 +0.5

KHMM	Horse Mountain	61.09 317	eP	P	08 18 31.1 +1.8
KHMM	Horse Mountain	61.09 317	eP	P	08 18 31.1 +1.8
Y35A	comp-Z,97nm,1.4s	61.10 291	P	P	08 18 29.1 -0.2
PSUT	Pine Spring	61.12 307	eP	P	08 18 31.8 +2.2
PSUT	Pine Spring	61.12 307	eP	P	08 18 31.8 +2.2
WDC	Whiskeytown Da	61.12 315	eP	P	08 18 29.3 0.0
WDC	comp-Z,39nm,1.4s	61.12 315	eP	pmax	08 18 29.3 0.0
WDC	Whiskeytown Da	61.12 315	eP	P	08 18 29.3 0.0
Z38A	Mt. Pleasant	61.14 289	P	P	08 18 28.0 -1.5
141A	Papa Simpson,	61.15 287	P	P	08 18 29.1 -0.5
MTPU	Mount Pierson	61.19 306	eP	P	08 18 31.1 +0.8
MTPU	Mount Pierson	61.19 306	eP	P	08 18 31.1 +0.8
LSA	Lhasa	61.21 83	eP	pmax	08 18 32.1 +1.5
LSA	comp-Z,29nm,1.0s	61.21 83	eP	pmax	08 18 32.1 +1.5
LSA	Lhasa	61.21 83	eP	P	08 18 32.1 +1.5
KKN	Kakani	61.24 89	eP	P	08 18 30.5 0.0
O03D	Paynes Creek	61.24 315	P	P	08 18 29.9 -0.3
X32A	Elmer	61.24 293	P	P	08 18 30.2 0.0
Y34A	Reagartown Da	61.26 292	P	P	08 18 30.0 -0.4
PAHR	Pah Rah Rang,	61.28 312	eP	P	08 18 31.6 +1.0
PAHR	Pah Rah Rang,	61.28 312	eP	P	08 18 31.6 +1.0
346A	Big Creek Wild	61.29 283	P	P	08 18 29.3 -1.2
GUN	Gumba	61.31 88	eP	P	08 18 31.9 +0.7
140A	Cam and Jess,	61.31 287	P	P	08 18 30.5 -0.2
DMN	Daman	61.36 89	eP	P	08 18 32.3 +0.9
Z37A	Pogue Cattle C	61.37 289	P	P	08 18 29.8 -1.3
243A	Waterproof	61.42 285	P	P	08 18 31.2 -0.2
242A	Graysen	61.44 286	P	P	08 18 31.1 -0.5
Y43A	Hilltop Ranch,	61.45 292	P	P	08 18 31.4 -0.3
AMTX	Amarillo	61.47 296	P	P	08 18 31.0 -0.9
AMTX	Amarillo	61.47 296	eP	P	08 18 32.6 +0.7
AMTX	Amarillo	61.47 296	eP	P	08 18 32.6 +0.7
PKIN	Phulchoki	61.47 89	eP	P	08 18 32.3 +0.1
PKI	Pulchoki	61.48 89	eP	P	08 18 32.7 +0.4
Z36A	Blue Ridge	61.53 290	P	P	08 18 31.5 -0.7
345A	Thompson Farm,	61.53 284	P	P	08 18 31.1 -1.1
344A	Westbrook Farm	61.60 284	P	P	08 18 32.5 -0.2
447A	Lucedale	61.61 282	P	P	08 18 31.6 -1.1
JIRN	Jiri	61.63 88	eP	P	08 18 34.1 +0.7
241A	Mo Tay, Goldon	61.70 287	P	P	08 18 33.1 -0.3
Z35A	Perchaven, San	61.70 291	P	P	08 18 32.7 -0.7
R11A	Troy Canyon, C	61.71 309	P	P	08 18 33.6 0.0
R11A	Troy Canyon, C	61.71 309	eP	P	08 18 33.6 0.0
R11A	Troy Canyon, C	61.71 309	eP	P	08 18 33.6 0.0
KMRM	Mail Ridge	61.71 316	eP	P	08 18 35.1 +1.7
138A	Matatall Enter	61.72 289	P	P	08 18 33.7 +0.3
PKCU	Pink Cliffs	61.79 306	eP	P	08 18 35.7 +1.4
PKCU	Pink Cliffs	61.79 306	eP	P	08 18 35.7 +1.4
446A	Poplarville	61.82 283	P	P	08 18 33.4 -0.7
SZCU	Shurtz Canyon	61.83 306	eP	P	08 18 35.7 +1.2
SZCU	Shurtz Canyon	61.83 306	eP	P	08 18 35.7 +1.2
Z34A	Collier Ranch,	61.85 292	P	P	08 18 33.6 -0.7
ORV	Oroville	61.89 314	eP	pmax	08 18 35.2 +0.7
ORV	comp-Z,54nm,1.8s	61.89 314	eP	pmax	08 18 35.2 +0.7
ORV	Oroville	61.89 314	eP	P	08 18 35.2 +0.7
ORV	Oroville	61.89 314	eP	P	08 18 35.2 +0.7
PNTR	Pine Nut	61.92 312	eP	P	08 18 35.9 +0.9
PNTR	Pine Nut	61.92 312	eP	P	08 18 35.9 +0.9
YERR	Yerington	61.94 312	eP	P	08 18 35.8 +0.7
YERR	Yerington	61.94 312	eP	P	08 18 35.8 +0.7
CCUT	Cedar City	61.94 307	eP	P	08 18 36.1 +0.9
CCUT	Cedar City	61.94 307	eP	P	08 18 36.1 +0.9
137A	Heron Place, G	61.97 289	P	P	08 18 35.1 0.0
343A	Vidalia	62.02 285	P	P	08 18 35.2 -0.2
342A	Flagon Creek P	62.14 286	P	P	08 18 36.3 0.0
239A	Gary	62.15 288	P	P	08 18 35.8 -0.5
445A	Amite	62.16 284	P	P	08 18 36.0 -0.5
Z33A	Whitaker Ranch	62.17 292	P	P	08 18 36.1 -0.4
XAN	Xi'an	62.24 65	P	P	08 18 36.1 -0.9
XAN	Xi'an	62.24 65	P	PP	08 18 46.3 +6.4
XAN	Xi'an	62.24 65	P	SS	08 18 49.5 +8.6
XAN	Xi'an	62.24 65	P	SS	08 27 04.9 +2.3
XAN	Xi'an	62.24 65	P	SS	08 31 08.3 +3.4
XAN	comp-Z,15nm,1.3s		pmax	pmax	
XAN	comp-Z,130nm,5.4s		LR	LR	
XAN	comp-Z,760nm,17.6s		LR	LR	
XAN	comp-Z,620nm,14.6s		LR	LR	
444A	Pine Grove	62.30 284	P	P	08 18 37.2 -0.1
136A	Canab	62.31 290	P	P	08 18 36.6 -0.8
KNB	Canab	62.32 306	eP	pmax	08 18 38.3 +0.6
KNB	comp-Z,77nm,1.5s	62.32 306	eP	pmax	08 18 38.3 +0.6
KNB	Canab	62.32 306	eP	P	08 18 38.3 +0.6
TVH1	TV Hill, Hawth	62.34 312	eP	P	08 18 38.7 +0.7
TVH1	TV Hill, Hawth	62.34 312	eP	P	08 18 38.7 +0.7
238A	Jacksonville	62.35 289	P	P	08 18 37.5 -0.1

AFDM	Forest Hills D	62.35 314	eP	P	08 18 37.8 +0.1
AFDM	Forest Hills D	62.35 314	eP	P	08 18 37.8 +0.1
TAPN	Taplejung	62.38 87	eP	P	08 18 39.2 +0.9
TVH2	Borealis Mine	62.41 312	eP	P	08 18 38.9 +0.6
TVH2	Borealis Mine	62.41 312	eP	P	08 18 38.9 +0.6
341A	Kurthwood	62.42 287	P	P	08 18 38.1 -0.1
RAMN	Ramit	62.42 88	eP	P	08 18 38.3 -0.3
LCMT	Little Creek M	62.42 306	eP	P	08 18 39.1 +0.8
LCMT	Little Creek M	62.42 306	eP	P	08 18 39.1 +0.8
WAKR	Walker	62.44 312	eP	P	08 18 39.0 +0.5
WAKR	Walker	62.44 312	eP	P	08 18 39.0 +0.5
TVH3	East Aurora ar	62.45 312	eP	P	08 18 39.4 +0.9
TVH3	East Aurora ar	62.45 312	eP	P	08 18 39.4 +0.9
NATX	Nacogdoches	62.45 288	P	P	08 18 38.2 -0.1
NATX	N				

24d 8h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KSRS, KSAR, CD2, FURC, etc.

2011 AUG

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like EDW2, IRM, SMMC, 634A, etc.

1230

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like 034A, 035Z, GYA, etc.

DDA 24 08:11:22.4 38'88N 27'87E, h7km, MD2.6, Turkey
Code Station Name Az Phase ID Time Res
DEMI Demirci 0.68 76 i P ISG h m s ISC
08 11 35.9 +0.4

ISCJB 24 08:11:28.9 0.5, 72.53N, 0.03:4.6E:0.2, h10km, mb3.777,
Error ellipse: s-maj=6.5km s-min=4.8km az=171.0
IDC 24 08:11:29.0 0.8 72.59N 0.33E, h8km, mb3.8/7,
mb1 4.1/1.1, mb1mx3.8/3.6, mbtmp3.9/1.1, ML3.9/4, Error
ellipse: s-maj=23.7km s-min=14.7km az=62.0

24d 9h

Table with columns: Station Name, Az, El, AzEl, P, S, M, L, R, Res. Includes stations like TVSB Tavsanti, KULA Kula-Manisa, KULA Kula-Manisa, IGD Bursa, etc.

IDC 24 09:10:12.6:0.6, 72.56N:3.50E, h0km, mb4.0/16, mb1 4.2/21, mb1m4.0/56, mbtmp4.0/21, ML4.0/5, MS3.9/29, Ms1 3.9/29, ms1mx3.8/39, Error ellipse: s-maj=14.4km s-min=12.1km az=61.0

ISCJB 24 09:10:13.0:0.2, 72.66N:0.02:4.0E:0.10, h10km, mb4.3/66, MS3.9/42, Error ellipse: s-maj=4.3km s-min=3.1km az=171.7

MOS 24 09:10:13.7:1.2, 72.71N:4.21E, h14km, mb4.5/20, MS4.0/11, Error ellipse: s-maj=22.3km s-min=4.8km az=96.9

BER 24 09:10:13.3:4.5, 72.62N:3.24E, h10km, ML2.9, ML4.3(NAO)

BUJ 24 09:10:13.5, 72.91N:4.59E, h10km, mb4.5/13, mb4.7/11, Ms4.5/6, Ms7 4/25

CSEM 24 09:10:14.3:0.2, 72.63N:4.19E, h10km, mb4.4/39, Error ellipse: s-maj=6.7km s-min=4.1km az=87.0

NAO 24 09:10:14.5:9.2, 72.55N:3.64E, h23km, mb3km, ML4.2

NEIC 24 09:10:14.2:0.3, 72.60N:3.73E, h10km, mb4.6/20, Error ellipse: s-maj=6.9km s-min=5.0km az=87.0

ISC 24 09:10:14.1:0.4, 72.53N:0.04:3.99E:0.05, h10km, n318, az=210/347, mb4.3/11, MS3.9/42, 18C-12D, Norwegian Sea

Main station list table with columns: Code, Station Name, Az, El, AzEl, P, S, M, L, R, Res. Includes stations like JMJC Jan Mayen, HSPB Hornsund (broa), LOF Lofoten, etc.

21 AUG

Main station list table with columns: KEV, Kevo, Az, El, AzEl, P, S, M, L, R, Res. Includes stations like KEV Kevo, SCORESHYND, TBLU Tromsheim, etc.

1232

Main station list table with columns: PRU, Pруhonice, Az, El, AzEl, P, S, M, L, R, Res. Includes stations like PRU Pруhonice, MORC Moravsky Berou, etc.

24d 10h

Table with columns for station name, frequency, and various signal quality metrics (e.g., Eb/N0, BER, SNR).

2011 AUG

Table listing satellite stations with columns for station name, frequency, and signal quality metrics.

1234

Table listing satellite stations with columns for station name, frequency, and signal quality metrics.

SOME 24 10:07:54.8; 40:23N; 74:02E, h5km
KRNET 24 10:07:59.4; 0.1, 40.48N; 73.99E, h16km, mb2.6
NINC 24 10:08:04.0; 9.7, 40.40N; 74.17E, h0km, mb3.5, mpv3.0,
Error ellipse: s-maj=75.9km, s-min=11.8km, az=168.0
ISC 24 10:07:58.9; 1.6; 40.46N; 73.96E; 74.01E; 0.02; h8km; 16km,
n31, c121/62, 36C-10D, Kyrgyzstan-Xinjiang border

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, and Time Res.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like Eielson Array, Karatay Array, Makanchi Array, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like Lajitas Array, Chiang Mai Arr, Alice Springs, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like 109C, RRR, BELC, ARVC, etc.

TVH3			Sg	12 00 18.2 -0.2
TVH2	Borealis Mine	0.86 7	ePg	12 00 07.5 -0.7
TVH1	Ty Hill, Hawth	0.94 6	ePg	12 00 19.4 0.0
TVH1	Walker	1.06 37	ePg	12 00 09.0 -0.7
WAKR	Rector, Farmer	1.25 193	P	12 00 11.4 0.5
RCTC	baz=13,SNR=406		Pg	12 00 14.5 -1.1
RCTC	baz=329		Sg	12 00 30.7 -1.1
CWC	Cottonwood Cre	1.27 149	P	12 00 14.8 -1.2
CWC	baz=329		S	12 00 31.2 -1.2
CMB	Columbia Colle	1.28 294	ePg	12 00 14.7 -1.6
CMB			Sg	12 00 32.1 -0.9
GRAC	Grapevine Rang	1.33 113	P	12 00 16.3 -0.9
YERR	Yerington	1.48 350	ePn	12 00 18.5 -0.5
DAC	Darwin (Calif)	1.63 140	ePn	12 00 20.9 -0.1
DAC			Sn	12 00 42.3 0.0
PNTR	Pine Nut	1.66 341	ePn	12 00 21.5 +0.1
BRMM	Rolling Bench	1.69 246	ePn	12 00 22.7 -0.3
VES	Vestal, Righr	1.69 185	Pn	12 00 22.2 +0.6
RVCN	Rose Valley C	1.72 152	ePn	12 00 23.1 +1.0
SKWR	San Luis Creek	1.76 259	ePn	12 00 24.1 -0.3
WCHM	Chimney Peak	1.77 158	ePn	12 00 23.8 +0.8
WASM	Alta Sierra Ca	1.81 171	ePn	12 00 24.5 +1.1
HSLM	San Luis Dam	1.81 256	ePn	12 00 24.7 -0.4
MPMC	Manitou Prospec	1.85 142	P	12 00 23.9 -0.1
MPMC	baz=323,SNR=538		S	12 00 48.9 +1.1
RCWM	Renegade Canyo	1.87 147	ePn	12 00 26.1 -0.1
SJWR	San Luis Fatio	1.88 266	ePn	12 00 23.9 +0.9
WHFM	Hanning Flat	1.88 166	ePn	12 00 25.8 -0.6
ISA	Isabella, Lake	1.89 169	Pb	12 00 25.9 -0.6
ISA	baz=350,SNR=818		S	12 00 50.4 0.0
ISA	Isabella, Lake	1.89 169	ePn	12 00 25.8 +1.3
ISA			Sb	12 00 50.4 0.0
WORM	Onyx Ranch	1.90 164	ePn	12 00 26.1 -0.7
WWPM	Walker Pass	1.90 160	ePn	12 00 26.1 -0.7
SLD	San Luis Dam	1.92 227	ePn	12 00 25.8 +1.1
CMPM	Mikes Peak	1.93 266	ePn	12 00 25.9 +0.8
FURC	Furnace Creek,	1.94 122	P	12 00 24.7 -0.4
HPCM	Pacheco Lake	1.95 257	ePn	12 00 26.2 +0.9
EMT	Emmet	1.96 261	ePn	12 00 26.1 +1.1
COSM	Arroyo Seco	1.97 298	ePn	12 00 26.6 +1.2
CSM	Mount Oso	1.97 270	ePn	12 00 26.5 +0.9
PSMM	Smith Mountain	1.99 224	ePn	12 00 27.1 +1.2
WOFM	Oak Flat	1.99 176	ePn	12 00 27.4 +1.5
CLC	China Lake	2.00 148	ePn	12 00 28.4 -0.1
MPBP	Monarch Peak	2.01 230	ePn	12 00 27.0 +0.9
PMPB			Sg	12 00 55.6 -0.6
EKH	Elkhorn Ranch	2.01 245	ePn	12 00 27.3 +1.2
SBT	San Benito	2.02 240	ePn	12 00 27.5 +1.3
LRV	Little Rabbit	2.02 238	ePn	12 00 27.2 +1.0
PSMT	Stockdale Moun	2.05 229	ePn	12 00 27.8 +0.9
CMHM	Mount Mocho	2.07 269	ePn	12 00 27.7 +0.8
WBSM	Bird Springs	2.08 163	ePn	12 00 28.7 +1.5
PAGB	Antelope Grade	2.10 212	ePn	12 00 28.0 +0.7
PAGB			eSn	12 00 54.7 +1.1
ARN	Arnold Ranch	2.10 266	ePn	12 00 28.4 +1.0
ECGM	Chiengra Road	2.12 243	ePn	12 00 29.1 +1.3
HSPM	Sheep	2.13 260	ePn	12 00 29.1 +1.4
WKR	Work Ranch	2.15 218	ePn	12 00 28.8 +0.9
BVYM	Vineyard	2.15 250	ePn	12 00 29.3 +1.2
AFDM	Forest Hills D	2.16 312	ePn	12 00 29.2 +1.0
AFDM			eSn	12 00 56.1 +0.8
SAO	O'Connell Ranc	2.17 255	ePn	12 00 29.1 +1.5
SAO	San Andreas Ge	2.17 250	ePn	12 00 29.3 +1.0
SHG	Shirttail Gulc	2.19 240	ePn	12 00 29.6 +1.1
CMLM	Mount Lewis	2.19 270	ePn	12 00 29.8 +1.2
TPNV	Topopah Spring	2.19 104	Pn	12 00 28.0 -0.7
TPNV	baz=280,SNR=746		P	12 00 28.1 -0.6
TPNV	Topopah Spring	2.19 104	ePn	12 00 28.1 -0.6
MHC	Mount Hamilton	2.19 266	ePn	12 00 29.8 +1.2
HSM	Saint Francis	2.20 252	ePn	12 00 30.0 +1.4
FRP	Fremont Peak	2.21 250	ePn	12 00 29.7 +0.8
PAHR	Pah Ran Range	2.21 350	ePn	12 00 28.9 -0.1
CSR	Chase Ranch	2.22 249	ePn	12 00 29.9 +0.9
JHC	Johnson Canyon	2.22 245	ePn	12 00 29.9 +0.9
HBTM	San Juan Bauti	2.22 253	ePn	12 00 29.2 +0.3
WSHM	Spangler Hills	2.23 149	ePn	12 00 32.6 +0.3
HLPM	Lions Peak	2.23 258	ePn	12 00 30.2 +1.1
BSRM	Salinas Radio	2.26 241	ePn	12 00 30.1 +0.6
LRMC	Laurel Mtn Rad	2.27 154	Pb	12 00 32.3 -0.7
WENL	Wente Vineyard	2.27 273	ePn	12 00 32.0 -1.0
CBC	Chamberlain	2.28 256	ePn	12 00 30.9 +1.0
CVR	Calaveras Rese	2.31 269	ePn	12 00 31.2 +1.1
PCCM	Crazy Canyon	2.31 232	ePn	12 00 31.3 +1.3
BSCM	Soledad Missio	2.33 241	ePn	12 00 31.4 +1.0
JSTM	Santa Teresa H	2.33 263	ePn	12 00 31.4 +1.0
HCOM	Corn Cob Canyo	2.33 255	ePn	12 00 31.2 +0.8
CVLM	Vallecito	2.34 273	ePn	12 00 32.2 +1.7
MSJ	Mission San Jo	2.37 271	ePn	12 00 32.1 +1.1
CRGC	Crocker Gar	2.38 197	ePn	12 00 33.5 -1.4
SMMC	Simmler	2.38 202	P	12 00 32.0 +0.8
BPNCC	Pine Canyon	2.38 247	ePn	12 00 32.0 +0.9
BDM	Black Diamond	2.39 281	ePn	12 00 32.9 +1.8
ARVC	Arvin	2.40 179	Pb	12 00 33.6 -1.5
ARVC	baz=359,SNR=659		P	12 00 33.7 -1.5
ARVC	Arvin	2.40 179	ePn	12 00 32.4 +0.9
PEV	Pleasant Valle	2.42 258	ePn	12 00 32.9 +0.7
JEJL	Elliott	2.42 280	ePn	12 00 32.8 +1.1
CRPB	Russellman Par	2.42 280	ePn	12 00 32.8 +1.1
SOS	Soda Springs	2.44 263	ePn	12 00 33.0 +0.9
BCWM	Chews Ridge	2.46 241	ePn	12 00 33.5 +1.1
CBAC	Calif City Air	2.47 163	ePn	12 00 36.1 -0.4
PPCM	Ponciano Ridge	2.53 245	ePn	12 00 34.1 +0.9
MARC	Maricao	2.54 188	ePn	12 00 34.4 +0.9
PAPM	Alder Peak	2.55 232	ePn	12 00 34.4 +0.8
BLDC	Black Mountain	2.56 220	ePn	12 00 35.4 +1.7
JPCM	University of	2.57 259	ePn	12 00 34.2 +0.5
JFC	Foothills Park	2.62 267	ePn	12 00 35.3 +0.8
JHJM	Huntalia Lane,	2.63 264	ePn	12 00 35.8 +1.3
JLRM	Joachim	2.63 267	ePn	12 00 35.8 +0.9
JPC	Peters Creek	2.65 285	ePn	12 00 35.8 +0.9
ARDC	Alexander Ranc	2.66 220	ePn	12 00 36.4 +1.5
PCBM	Cambria	2.66 222	ePn	12 00 36.1 +1.2
SHOC	Shoshone, Teco	2.66 127	P	12 00 34.5 -0.5
BKS	Berkeley-Byer	2.67 279	ePn	12 00 36.1 +1.0
ABL	Mount Abel	2.68 186	ePn	12 00 38.3 -1.9
JCPM	Coyote Point	2.72 272	ePn	12 00 36.9 +1.1
PKM	Mepherson Peak	2.73 196	P	12 00 36.5 +0.3
PKM	baz=15,SNR=111		S	12 01 10.9 +1.3
EDW2	Edwards Air Fo	2.74 164	P	12 00 36.7 +0.6
R11A	Troy Canyon, C	2.75 72	P	12 00 37.3 +1.0
R11A	baz=254,SNR=277		Sb	12 01 16.7 +1.6
R11A	baz=254		Sb	12 01 35.5 -0.8
VPDC	Valencia Peak	2.78 215	ePn	12 00 38.2 +1.5
BLKC	Black Mountain	2.79 150	ePn	12 00 38.4 +1.6
GSC	Goldstone, Bar	2.79 142	P	12 00 36.8 -0.1
GSC	baz=324,SNR=63		Pn	12 00 37.3 +0.5
SAC	Santa Barbara	2.80 272	ePn	12 00 38.0 +1.2
ORV	Oroville	2.88 316	ePn	12 00 39.9 +1.9
OSI	Osito Audit: C	2.91 177	Pb	12 00 42.7 -1.3
OSI	baz=357		Pb	12 00 42.9 -1.1
CVG	Figueras Mtn	2.93 188	ePn	12 00 41.9 -2.4
FICS	Carmen Valley	2.93 287	ePn	12 00 39.6 +0.9
PMLM	Mount Lospe	2.97 208	ePn	12 00 40.8 +1.5
RRX	Edison Barstow	3.06 149	Pb	12 00 45.7 -0.8
NMTM	Middletown	3.07 296	ePn	12 00 42.6 +1.9
SYF	Santa Ynez Pea	3.12 197	Pb	12 00 44.1 +2.6
SBC	Santa Barbara	3.15 192	Pb	12 00 47.2 -0.8
SHPR	Sheep Range	3.16 108	ePn	12 00 42.4 +0.4

TUQ	Turquoise Moun	3.18 130	P	Pn	12 00 41.9 -0.3
TUQ	baz=312,SNR=24		Sb	Sb	12 01 30.4 +2.9
TUQ	baz=312		Sb	Sb	12 01 30.4 +2.9
BGM	Battle Mountai	3.18 24	ePn	Pn	12 00 41.8 -0.5
MCCM	Marconi Confer	3.21 282	ePn	Pn	12 00 43.7 +1.2
GSGM	Seigler Mouna	3.29 295	ePn	Pn	12 00 45.4 +1.8
DECC	Green Verdugo	3.30 172	Pb	Pn	12 00 48.9 -1.6
DECC	baz=352		Sb	Sb	12 01 34.5 +3.6
GDXM	Geysers	3.33 294	ePn	Pn	12 00 45.5 +1.3
MWC	Mount Wilson	3.37 168	ePn	Pn	12 00 46.6 +1.8
HEC	Hector,Ludlow	3.40 142	P	Pn	12 00 45.3 +0.1
HEC	baz=323		Sb	Sb	12 01 37.3 +3.5
PASC	Pasadena Art C	3.40 170	ePn	Pn	12 00 47.0 +1.9
BLG	Laguna Peak, P	3.41 182	P	Pn	12 00 45.4 0.0
BLG	baz=2-3		Sb	Sb	12 01 35.8 +1.6
BFSC	Mount Baldy Ra	3.43 163	P	Pn	12 00 46.3 +0.6
BFSC	baz=343,SNR=54		Sb	Sb	12 01 38.0 +3.1
SSK	Sunset Peak	3.45 163	ePn	Pn	12 00 48.1 +2.1
O03D	Paynes Creek	3.57 322	P	Pn	12 00 49.2 +1.6
O03D	baz=140		Sb	Sb	12 01 41.8 +2.9
SCPZ	Santa Cruz Isl	3.57 190	Pn	Pn	12 00 48.2 +0.6
H025	Hopland Field	3.60 295	ePn	Pn	12 00 49.9 +2.0
BBRC	Big Bear Solar	3.63 153	P	Pn	12 00 48.8 +0.3
BBRC	baz=334		Sb	Sg	12 01 44.9 -3.5
GMRC	Granite Mouna	3.79 135	P	Pn	12 00 49.9 -0.7
GMRC	baz=317		Sb	Sb	12 01 49.0 +3.8
MURC	Murieta	4.16 160	P	Pn	12 00 56.4 +0.8
WDC	Whiskeytown Da	4.16 318	ePn	Pn	12 00 57.6 +2.0
BLC	Belle Mtn, Jos	4.24 145	P	Pn	12 00 57.0 +0.2
PFO	Pinyon Flats O	4.38 152	Pn	Pn	12 01 00.1 +1.3
PFO	2.1nm,0.3s,baz=339,slo=11,SNR=44		Lg	Lg	12 02 07.7
PFO	1.5nm,0.3s,baz=163,slo=8.7,SNR=5.8		Pn	Pn	12 00 59.8 +1.0
TPFO	Pinon Flats	4.39 152	P	Pn	12 01 00.1 +1.2
I57U	PINON FLAT INF	4.39 152	i		12 32 00.0
CCUT	Cedar City	4.40 88	ePn	Pn	12 00 59.2 +0.1
FRD	Fort Ranch, An	4.44 154	ePn	Pn	12 01 01.4 +1.9
MOD	Modoc Plateau	4.50 347	ePn	Pn	12 01 01.5 +1.1
IRM	Iron Mountain	4.54 137	P	Pn	12 01 01.2 +0.3
LCMT	Little Creek M	4.54 95	ePn	Pn	12 01 01.1 +0.1
SZCU	Shurtz Canyon	4.62 87	ePn	Pn	12 01 02.4 +0.3
DWU	Dry Willow Pea	4.71 81	ePn	Pn	12 01 03.6 +0.2
W15A	Hualapai Mount	4.72 119	ePn	Pn	12 01 05.8 +2.3
KNB	Knight	4.87 94	ePn	Pn	12 01 04.3 +0.3
WVOR	Wild Horse Val	4.91 2	ePn	Pn	12 01 06.9 +0.9
BAR	Barrett	5.17 159	ePn	Pn	12 01 11.5 +2.0
Y12C	Blythe	5.18 135	P	Pn	12 01 09.6 -0.1
Y12C	baz=318		Pn	Pn	12 01 11.8 +1.2
PKCU	Pink Cliffs	5.24 89	ePn	Pn	12 01 12.2 +1.4
MTPU	Mount Pierson	5.42 82	ePn	Pn	12 01 13.0 +0.8
MSU	Marysvalle	5.40 77	ePn	Pn	12 01 15.2 +2.4
U15A	North Rim	5.40 100	ePn	Pn	12 01 14.1 +1.1
DUG	Dugway, Tooele	5.45 59	P	Pn	12 01 13.7 +0.3
DUG	baz=24		Pn	Pn	12 01 14.8 +1.4
DUG	Dugway, Tooele	5.45 59	ePn	Pn	12 01 14.8 +1.4
DUG			ePg	Pg	12 01 33.7 -2.3
GLA	Glamis	5.57 142	ePn	Pn	12 01 17.8 +2.8
RGU	Griggs Mou	5.68 52	ePn	Pn	12 01 17.7 +1.0
HUBO	Humboldt Moun	5.85 330	ePn	Pn	12 01 25.9 +2.5
Y14A	Wickenburg	5.95 125	ePn	Pn	12 01 24.6 +3.9
SNUT	Stansbury Nort	5.99 54	eSn	Sn	12 02 34.3 +4.5
MMU	Miners Mounai	6.05 81	ePn	Pn	12 01 23.5 +1.6
SAIU	Southern Antel	6.19 55	ePn	Pn	12 01 24.6 +1.0
SAIU			eSg	Sg	12 03 05.3 +5.0
NAIU	Northern Antel	6.24 54	ePn	Pn	12 01 27.2 +2.9
NAIU			ePn	Pn	12 01 51.2 0.0
NAIU			eSg	Sg	12 02 31.9 -4.0
MFID	Camas Ranch	6.33 21	ePn	Pg	12 01 49.0 -3.9
MFID	26nm,0.8s				

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like JOW, JOKE, GZH, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like STKA, VVND, H01W1, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like OFUJ, JIO, JIC, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like OFUJ, JIO, JIC, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NRK, ILAR, WLR, etc.

ISCJB 24 13:26:14.6:0.3, 51.53N:0.02:16.10E:0.02, h0km, Error ellipse: s-maj=2.3km s-min=2.1km az=38.9

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KSP, KSC, KPC, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BRG, BRG, BRG, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PRU, PRU, PRU, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like OKC, OKC, OKC, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like GEC2, GEC2, GEC2, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CLZ, CLZ, CLZ, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MOA, MOA, MOA, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BJUU, BJUU, BJUU, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CHOU, CHOU, CHOU, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GUC, GUC, GUC, etc.

NIED 24 13:40:00, 41.50N:139.80E, h11km, Mw3.3 Best double couple: M1.15000x10^14 N P1.37.00000, 8.35.00000

24d 14h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station data for JMA 24 13:40:02.7, 41°55'N, 139°84'E, h13km, m3.6, 3C-3D.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station data for NNC 24 13:40:06.0, 3.5, 37°15'N, 71°29'E, h0km, mb3.7, mpv3.3.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station data for IDC 24 13:46:03.4, 0.9, 18°28'S, 167°96'E, h0km, mb4.2/13.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station data for NEIC 24 13:46:09.2, 1.2, 18°33'S, 167°91'E, h44km, 12km, mb6.6/2.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station data for DZM Mont Dzumac, 3.96 200 Pn, 17.0nm, 0.3s, baz=68, slow=9.9, SNR=49.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station data for NED 24 13:58:00, 43°40'N, 143°10'E, h5km, Mw4.0 Best double couple.

2011 AUG

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station data for HRK Horoka, 0.06 20 eP, 13.58 45.47 +0.3.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station data for IDC 24 13:58:48.1, 8.1, 18°99'S, 167°81'E, h0km, mb3.9/5.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station data for BUJ 24 14:12:38.6, 20°28'S, 176°95'W, h520km, mb4.5/19.

1246

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes station data for AFI Afiamalu, 8.69 42 eP, 15.14 44.6 +0.2.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSH Kashi, AKTO AKTYubinsk, ARCESS ARCESS Array B, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NVLI Novolja, UDBI Udbina, CSEM 24 14:15:02.7, 58.34N:12.03E, h0km, ML 1.0, Mining explosion.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUC 24 14:27:59.0, 6.19715S:69.21W, h104km, 2km, ML4.0, 7C-2D, Northern Chile.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDC 24 14:55:09.2, 2.1, 17.54S:178.73W, h520km, 37km, mb3.1/4, mb1 3.4/5, mb1mx3.0/33, mbtmp4.1/5, Error ellipse: s-maj=121.5km s-min=19.3km az=147.0, Fiji Islands region.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SNAL S. Angelo Dei, VULT Monte Vulture, MRVN Minervino Murg, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DDA 24 15:24:40.7, 37.777N:27.21E, h18km, MD2.6, ISCBJ 24 15:24:41.5, 5.0, 37.79N:0.04:27.13E:0.05, h9km, 5km, Error ellipse: s-maj=8.4km s-min=4.1km az=140.8, CSEM 24 15:24:41.8, 0.1, 37.78N:27.13E, h5km, MD2.6, Error ellipse: s-maj=4.3km s-min=2.4km az=65.0, ISK 24 15:24:41.6, 37.81N:27.16E, h6km, MD3, ISK 24 15:24:41.8, 0.9, 37.78N:0.03:27.15E:0.03, h11km, 6km, n20, 0.851/34, Turkey.

CSEM 24 14:14:29.0, 0.4, 42.25N:15.06E, h5km, Mb3.1/4, Error ellipse: s-maj=8.7km s-min=6.8km az=22.0, ROM 24 14:14:30.1, 0.5, 42.20N:15.04E, h4km, 4km, M2.2/16, Error ellipse: s-maj=4.5km s-min=4.2km az=0, ISC 24 14:14:29.8, 1.5, 42.23N:0.04:15.06E:0.03, h8km, 12km, n40, 0.860/49, Adriatic Sea

ROM 24 15:05:45.7, 0.3, 42.20N:15.06E, h5km, M2.6/21, Error ellipse: s-maj=4.0km s-min=2.2km az=25.0, CSEM 24 15:05:46.3, 0.2, 42.15N:15.02E, h15km, ML2.6, Error ellipse: s-maj=6.2km s-min=4.7km az=39.0, ISC 24 15:05:46.1, 1.3, 42.19N:0.03:15.03E:0.03, h11km, 11km, n51, 0.866/60, Adriatic Sea

GUC 24 15:15:17.0, 4.2374S:67.38W, h240km, 12km, ML4.0, 8C, Chile-Introduccion region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FRES Fresagrandinar, CIGN Sant'Elia a Pi, SGRT San Giovanni R, MSAG Monte S. Angel, MOCO Biccarri - m.te, INTR Intradacqua, PTRJ Pietraraja, SGG Gregorio Mates, VAGA Valle Agricola, SGTA Sant'Agata di, POFI Posta Fibreno, VVLD Villa Vallelon, TERO Teramo, CAFE Carife, VULT Monte Vulture, MRVN Minervino Murg, MCRV Calabretti - M, MRLC Muro Lucano, AMUR Altamura, NVLJ Novolja.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI Afiamalu, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eriolan Array, GERES GERES Array B, CIGN CIGN, TRIV Trivento, GATE Gambatesa, BSSO Busso, MSAG Monte S. Angel, MOCO Biccarri - m.te, SACR S. Croce Del S, MS1 Monte Sant'Ang, INTR Intradacqua, PTRJ Pietraraja, SGG Gregorio Mates, CERA Filignano, VAGA Valle Agricola, PSB1 Pesceannita, FAGN Fagnano, SGTA Sant'Agata di, POFI Posta Fibreno, TERO Teramo, CAMP Campotosto, SNAL S. Angelo Dei.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB06 IPOC Station P, PB09 IPOC Station P, PB04 IPOC Station P, PB01 IPOC Station P, PB02 IPOC Station P, PB08 IPOC Station P, PB01 IPOC Station P, PB02 IPOC Station P, PB08 IPOC Station P, PB01 IPOC Station P, PB02 IPOC Station P, PB08 IPOC Station P.

ISCJB 24 15:39:20.7, 0.6, 18.79N:105.27W:0.03, h17km, mb4.3/30, MS3.4/8, Error ellipse: s-maj=7.3km s-min=3.7km az=25.9, IDC 24 15:39:22.1, 1.3, 19.08N:105.19W, h0km, mb3.8/6, mb1 4.2/9, mb1mx4.0/43, mbtmp4.0/9, ML3.9, MS3.6/11, Ms1 3.6/11, ms1mx3.4/37, Error ellipse: s-maj=35.8km s-min=20.7km az=57.0, NEIC 24 15:39:23.2, 18.72N:105.45W, h16km, mb4.4/46, MD4.2(MEX), After MEX.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MEX 24 15:39:23.2, 1.0, 18.72N:105.45W, h16km, 40km, MD4.6, ISC 24 15:39:23.0, 0.9, 18.85N:107.005:28W:0.06, h17km, n259, 0.816/252, mb4.4/30, MS3.5/8, Off coast of Jalisco, R15V R15V, EZSV EZSV, PUVV Puert Vallarta, PUVV Puert Vallarta, MMIG Aquila, MMIG Aquila, ANIG Ahuacatlan, ANIG Ahuacatlan, ZIIG Zihuatoanejo, MOIG Morelia, ZAIG Zacatecas, ARIG Puente Sto Nin, ARIG Puente Sto Nin, H06S1 SOCORRO T-PHAS, H06N1 SOCORRO T-PHAS, TLIG Tlapa, LPIG La Paz, LPIG La Paz, HPIG Matias Romero, CMIG Matias Romero.

24d 15h

Table with columns for station name, coordinates, and other data. Includes stations like CMIG, TX31, TXAR, JCT, MNTX, etc.

2011 AUG

Table with columns for station name, coordinates, and other data. Includes stations like V36A, U34A, U34A, SDCO, etc.

1248

Table with columns for station name, coordinates, and other data. Includes stations like Q38A, R41A, S43A, Q40A, etc.

ISCJB 24 15:45:24.1±0.5, 22.46N±0.02, 121.51E±0.02, h6km±3km, Error ellipse: s-maj=3.6km s-min=2.9km az=168.9 JMA 24 15:45:25.1±0.1, 22.59N±12.124E, h52km±3km, M3.2 TAP 24 15:45:26.7, 22.59N±12.132E, h21km, ML3.5, C ISC 24 15:45:25.2, 1.1, 22.54N±0.02, 121.44E±0.02, h8km, g9km, n63, q93/105, 2C-2D, Taiwan region

LAY	baz=281 Lan-yu baz=156	0.51 169 P	Pg	15 45 36.3 +1.2
LAY	baz=156	eS	Sg	15 45 44.4 +2.5
TAWU	baz=252	iS	Sg	15 45 35.5 -0.7
CHKT	Chengkung baz=10.0	0.56 353 eP	Pb	15 45 37.0 -0.2
EAST	Anshuo baz=251	0.57 254 iP	Pg	15 45 36.2 -0.1
ELDTW	Lidau baz=251	0.75 329 eP	Pg	15 45 39.6 -0.1
SSD	Sandimen baz=295	0.78 285 P	Pg	15 45 39.3 -0.8
SCZT	Fangliang baz=255	0.78 257 eP	Pg	15 45 39.7 -0.5
TSEB	Hengchuen, Pin baz=214	0.81 218 iP	Pg	15 45 40.7 -0.1
TSEB	baz=214	iS	Sg	15 45 51.9 +0.4
TWF1	Yuli baz=347	0.81 350 eP	Pb	15 45 41.5 -0.2
TWK1	Hengchun baz=209	0.84 225 P	Pg	15 45 40.5 -0.9
TWK1	baz=209	iS	Sg	15 45 51.4 -0.9
HEN	Hengchun baz=217	0.84 231 iP	Pg	15 45 40.8 -0.7
HEN	baz=217	eS	Sg	15 45 51.1 -1.3
STYT	baz=217	iP	Pg	15 45 41.9 -0.3
SGLT	Jiouru baz=288	0.90 282 eP	Pg	15 45 42.6 +0.2
SGST	Jiashan baz=307	0.96 304 P	Pb	15 45 43.9 -0.2
SGST	baz=307	eS	Sb	15 45 57.7 +0.8
EHY	Hungyue baz=348	0.96 353 eP	Pg	15 45 43.3 -0.4
EHY	baz=348	eS	Sg	15 45 55.4 -0.9
TWM1	Shoushan baz=292	0.98 287 eP	Pb	15 45 44.4 -0.1
TWP	Hsiaoliuchiu baz=243	1.02 259 eP	Pg	15 45 46.3 +0.5
WTP	Ta-pu baz=327	1.04 313 iP	Pg	15 45 45.0 -0.1
WTP	baz=327	eS	Sb	15 46 01.0 +0.1
YUS	Yu-Shan baz=341	1.04 334 eP	Pg	15 45 45.1 -0.2
YUS	baz=341	eS	Sb	15 45 59.3 -0.5
KAU	Kaoshiung baz=268	1.05 271 eP	Pb	15 45 47.5 +1.3
KAU	baz=268	eS	Sb	15 46 01.3 +0.2
CHN1	Nanshi baz=312	1.06 307 P	Pb	15 45 45.9 +0.1
CHN1	baz=312	eS	Sb	15 46 02.6 +1.3
CHN4	Tsushan baz=332	1.12 316 eP	Pg	15 45 46.7 -0.1
CHN4	baz=332	eS	Sb	15 46 04.7 +1.8
ALS	baz=332	eP	Pg	15 45 46.8 -0.1
ALS	Alishan baz=334	1.13 329 eP	Pg	15 45 46.8 -0.1
ALS	baz=334	eS	Sb	15 46 04.0 +0.5
CHN3	Shinhua baz=309	1.13 298 eP	Pb	15 45 48.8 +1.5
TWK2	Hsiinying baz=325	1.14 309 eP	Pb	15 45 47.1 -0.1
TWK2	baz=325	eS	Sb	15 46 04.1 +0.7
TAI1	Yung-k'ang baz=297	1.23 294 eS	Sb	15 46 05.7 +0.3
CHN5	Tsauling baz=331	1.26 326 eP	Pb	15 45 49.9 +0.6
CHN5	baz=331	eS	Sb	15 46 08.7 +2.2
ESL	Shilin baz=354	1.26 360 eP	Pb	15 45 49.9 +0.7
ESL	baz=354	eS	Sb	15 46 06.9 +0.5
SCLT	Jiali baz=302	1.31 299 eP	Pg	15 45 50.1 -0.3
SCLT	baz=302	eS	Sb	15 46 08.4 +0.9
CHN2	Minshiang baz=321	1.33 318 eP	Pg	15 45 50.7 0.0
CHN2	baz=321	eS	Sb	15 46 09.9 +1.9
CHY	Chiayi baz=319	1.33 315 eP	Pg	15 45 50.6 -0.2
CHY	baz=319	eS	Sb	15 46 08.8 +0.7
WGK	Gukeng baz=328	1.40 325 P	Pg	15 45 52.1 +0.2
WGK	baz=328	S	Sb	15 46 11.4 +1.7
SMLT	Sun Moon Lake baz=355	1.42 340 eP	Pg	15 45 52.7 +0.1
SMLT	baz=355	eS	Sb	15 46 11.7 +1.2
TYC	Yuchr baz=353	1.46 338 eP	Pg	15 45 53.0 -0.1
TYC	baz=353	eS	Sg	15 46 12.0 -0.1
WNT	Mingjian baz=334	1.50 332 eP	Pg	15 45 54.0 0.0
WNT	baz=334	S	Sg	15 46 14.4 +1.0
TWF	Chiawan baz=357	1.54 5 eP	Pg	15 45 54.7 0.0
WSF	Szhu baz=317	1.56 314 P	Pb	15 45 53.9 +0.6
WSF	baz=317	S	Sb	15 46 14.4 +0.1
WHF	Heltuan Shan baz=11	1.60 354 eP	Pg	15 45 56.3 +0.3
TWT	Tachien baz=6.0	1.72 352 eP	Pg	15 45 58.5 +0.3
TWT	baz=6.0	eS	Sb	15 46 20.0 -0.5
TCU	Taichung baz=337	1.75 336 eP	Pb	15 45 57.1 -0.4
TCU	baz=337	eS	Sg	15 46 20.8 -0.6
WDGT	Dungji baz=296	1.79 294 eP	Pb	15 45 55.6 -0.8
WDGT	baz=296	eS	Sb	15 46 15.9 -3.5
NNS	Nan Shan baz=14	1.89 358 eP	Pb	15 46 00.2 +0.2
TWQ1	Liyutan baz=341	1.90 341 eP	Pb	15 45 59.8 -0.3
TWQ1	baz=341	S	Sb	15 46 24.9 +0.9
NSY	Sanyi baz=341	1.97 342 eP	Pb	15 46 00.2 +1.3
NSY	baz=341	eS	Sb	15 46 25.6 -0.3
PNG	Penghu baz=303	2.02 301 eP	Pb	15 45 58.8 -0.7
PNG	baz=303	eS	Sb	15 46 22.3 -2.6
ENTT	Nioudou baz=6.0	2.09 3 eP	Pb	15 46 02.9 -0.5
NSTT	Nanjuang baz=333	2.12 349 eP	Pb	15 46 03.1 -0.7
NSTT	baz=333	eS	Sb	15 46 30.2 -0.1
NSK	Sanguang baz=11	2.12 358 eP	Pb	15 46 03.3 -0.7
NSK	baz=11	eS	Sb	15 46 29.6 +1.8
TWE	Neicheng baz=7.0	2.18 5 eP	Pb	15 46 05.0 +0.1
EGS	baz=1.0	2.33 11 eP	Pb	15 46 06.4 -1.1
JYNG	Yonagunijimaku	2.35 36 P	Pb	15 46 04.1 0.0

JYNG	Yonaguni jima	2.39 37 eS	Sb	15 46 31.6 -1.5
YOJ	Santiao Chiao	2.50 11 eP	Sb	15 46 33.4 -0.8
TWB1	baz=2.0	15 46 08.2 +1.9		
HATJ	Hateruma jima	2.64 55 P	Pb	15 46 07.8 -0.3
HATJ	baz=2.0	15 48 38.5 -1.9		
IRIF	Iriomote-Funau	2.75 49 P	Pb	15 46 10.4 +0.7
IRIF	baz=2.0	15 46 43.1 -0.1		
JKRS	Kuro-shima	2.90 54 eP	Sb	15 46 12.2 +0.6
JKRS	baz=2.0	15 46 45.8 -0.9		
JUJ	Ishigaki jima	3.07 53 eP	Sb	15 46 14.4 +0.4
JISG	Ishigakijimahi	3.33 52 P	Pb	15 46 17.6 +0.1
JISG	baz=2.0	15 46 56.3 -0.9		
JTJ	Tarama	3.65 54 P	Pb	15 46 22.4 +0.5
JTJ	baz=2.0	15 47 03.9 -1.3		
JIRB	Irabujima	4.11 56 P	Pb	15 46 28.5 +0.2
JIRB	baz=2.0	15 47 03.9 -1.3		
ISN	24 15:47:12.5-0.6,39:20N-39:95E, h0km, ML4.3			
NSSC	24 15:47:15.1-1.1,39:97N-40:64E, h0km, ML3.3			
AZER	24 15:47:21.0-0.7,39:38N-39:67E, h5km, Error ellipse:			
	s-maj=8.7km s-min=6.0km az=162.0			
ISK	24 15:47:24.4,39:49N-39:97E, h5km, ML4.3			
ISCB	24 15:47:24.7-0.4,39:48N-01:40,03E,01, h1km,2km,			
	mb4.4/34, MS3.3/12, Error ellipse: s-maj=2.1km			
	s-min=1.7km az=162.8			
NEIC	24 15:47:25.1,39:49N-40:01E, h5km, mb4.4/14, ML4.3(ISK),			
	After ISK			
MOS	24 15:47:25.6-1.7,39:42N-40:11E, h10km, mb4.5/23, Error			
	ellipse: s-maj=6.5km s-min=4.0km az=100.6			
IDC	24 15:47:25.6-0.6,39:55N-39:88E, h0km, mb4.0/15,			
	mb1.4/024, mb1mx0.048, mbtmp3.9/24, ML3.4/7, MS3.2/14,			
	MS1.3/2/14, ms1mx3.1/44, Error ellipse: s-maj=14.1km			
	s-min=8.6km az=161.0			
DDA	24 15:47:25.2,39:47N-39:94E, h14km, M14.1			
CSEM	24 15:47:25.8-0.1,39:46N-40:02E, h2km, mb4.2/10, Error			
	ellipse: s-maj=3.0km s-min=2.4km az=166.0			
ISC	24 15:47:26.4-0.7,39:46N-01:39,95E-0.01, h7km,4km,			
	n429, s174/512, mb4.3/34, MS3.2/12, 57C-40, Turkey			
Code	Station Name	Δ ¹ AZ ²	Phase ID	Time Res
EUZM	Uzumli	0.31 322 iP	ISC	15 47 31.5 -1.1
EUZM	baz=252	iS	Sg	15 47 36.8 +0.0
YEDI	Yedisu-Bingol	0.46 93 eP	EG	15 47 34.4 -1.0
YEDI	baz=252	eS	Sg	15 47 41.5 0.0
YEDI	baz=252	eS	Sg	15 47 41.5 0.0
TNCL	Tunceli-Merkez	0.47 222 iP	Pg	15 47 34.1 -1.4
TNCL	baz=252	iS	Sg	15 47 42.4 +0.7
TNCL	Tunceli-Merkez	0.47 222 P	Pb	15 47 34.1 -1.4
TNCL	baz=252	eS	Sb	15 47 39.4 -0.8
KOPT	Kop Dagı	0.70 37 iP	eS	15 47 38.2 -1.7
KOPT	baz=252	eS	Sg	15 47 49.9 +0.9
KOPT	Kop Dagı	0.70 37 eP	Sg	15 47 38.1 -1.8
KOPT	baz=252	eS	Sg	15 47 49.9 +0.9
KOPT	Kop Dagı	0.70 37 eP	Sg	15 47 38.1 -1.8
PTK	Pertek	0.72 217 eP	EG	15 47 39.4 -0.8
PTK	baz=252	eS	Sb	15 47 51.5 +0.1
PTK	Pertek	0.72 217 eP	EG	15 47 39.4 -0.8
PTK	baz=252	eS	Sb	15 47 51.5 +0.1
BINT	Bingol	0.72 144 eP	EG	15 47 38.3 -2.0
BINGB	Bingöl	0.74 130 eP	EG	15 47 38.3 -2.0
KELT	Kelkit	0.87 322 iS	Sb	15 47 41.4 -1.7
REFA	Refahiye_ERZ	0.92 266 iP	Pg	15 47 44.1 0.0
REFA	baz=252	iS	Sb	15 47 59.4 -0.1
REFA	Refahiye_ERZ	0.92 266 P	Pg	15 47 44.1 0.0
REFA	baz=252	eS	Sb	15 47 59.4 -0.1
GUMT	Gumushane	1.06 340 eP	EG	15 47 44.9 -1.8
GUMT	baz=252	eP	Pg	15 47 44.9 -1.8
BINGL	BINGOL	1.06 118 iP	Pg	15 47 45.6 -1.3
BINGL	baz=252	iS	Sb	15 48 01.8 +0.3
KEMA	Kemaliye	1.14 261 iP	Pg	15 47 46.0 -2.4
KEMA	baz=252	iS	Sb	15 48 04.1 +0.5
ERZM	Erzurum	1.18 68 eP	EG	15 47 46.9 -2.1
ERZM	baz=252	eP	Pg	15 47 47.3 -1.7
ERZM	Erzurum	1.18 68 iP	Pg	15 47 47.3 -1.7
ERZM	baz=252	iS	Sb	15 48 15.7 +1.0
ERZM	Erzurum	1.18 68 P	Pb	15 47 47.3 -1.7
ELGZ	Elazig	1.22 218 iP	Pg	15 47 47.5 -2.4
ELGZ	baz=252	iS	Sb	15 47 54.9 -1.8
ELGZ	Elazig	1.22 218 eP	Pg	15 47 54.9 -1.8
ELGZ	baz=252	eP	Pg	15 47 54.9 -1.8
DIYB	Diyarbakir	1.52 174 eP	EG	15 47 53.6 -0.5
DIYB	baz=252	eP	Pg	15 47 53.6 -0.5
KTUT	Trabzon	1.53 355 eP	EG	15 47 53.6 -0.5
KTUT	baz=252	eP	Pg	15 47 53.6 -0.5
SUSE	Susehri	1.54 300 iP	Pg	15 47 53.7 -0.7
SUSE	baz=252	iS	Sb	15 48 16.9 +1.1
SUSE	Susehri	1.54 300 P	Pb	15 47 53.7 -0.7
SUSE	baz=252	eS	Sb	15 48 16.9 +1.1
DIYA	Diyarbakir	1.54 175 iP	Pg	15 47 54.8 -0.6
DIYA	baz=252	iS	Sb	15 48 17.2 +1.2
DIYA	Diyarbakir	1.54 175 eP	EG	15 47 54.8 -0.6
DIYA	baz=252	eP	Pg	15 47 54.8 -0.6
HOMI	Horasan	1.62 68 iP	Pg	15 47 54.8 -0.6
HOMI	baz=252	iS	Sb	15 48 21.9 +3.5
SVAN	Silvan-Diyarba	1.64 143 eP	EG	15 47 56.1 +0.4
SVAN	baz=252	eP	Pg	15 47 56.1 +0.4
SVAN	Silvan-Diyarba	1.64 143 iS	Sb	15 48 18.2 -0.7
SVAN	baz=252	iS	Sb	15 48 18.2 -0.7
SVAN	Silvan-Diyarba	1.64 143 eP	EG	15 47 56.1 +0.4
SVAN	baz=252	eP	Pg	15 47 56.1 +0.4
SVAN	Silvan-Diyarba	1.64 143 P	Pb	15 48 18.2 -0.7
SVAN	baz=252	P	Pb	15 47 55.8 -0.3
EKAR	Karacaban	1.65 97 iP	Pg	15 48 24.4 +4.8
EKAR	baz=252	iS	Sb	15 47 56.9 0.0
EKAR	Karacaban	1.65 97 eP	EG	15 47 56.9 0.0
EKAR	baz=252	eP	Pg	15 47 56.9 0.0
ESPY	Espiye-Giresun	1.73 328 eP	EG	15 47 56.9 0.0
ESPY	baz=252	eP	Pg	15 47 56.9 0.0
ESPY	Espiye-Giresun	1.73 328 iP	Pg	15 47 56.9 0.0
ESPY	baz=252	iS	Sb	15 48 23.8 +1.7
CUZAR	Zara_SIVAS	1.73 285 eP	EG	15 47 56.9 -0.2
CUZAR	baz=252	eP	Pg	15 47 56.9 -0.2
BTMN	Batman	1.88 146 iP	Pg	15 47 59.2 +0.1
BTMN	baz=252	iS	Sb	15 48 26.6 -0.2
BTMN	Batman	1.88 146 eP	EG	15 47 59.2 +0.1
BTMN	baz=252	eP	Pg	15 47 59.2 +0.1
CUKAN	kangal_SIVAS	1.93 266 iP	Pg	15 47 59.9 +0.9
CUKAN	baz=252	iS	Sb	15 48 29.0 +1.9
CUKAN	kangal_SIVAS	1.93 266 eP	EG	15 47 59.9 +0.9
CUKAN	baz=252	eP	Pg	15 47 59.9 +0.9
GRSN	GIRESUNGRSN	1.94 319 iS	Sb	15 48 28.0 -0.9
GRSN	baz=252	iS	Sb	15 48 28.0 -0.9
GRSN	GIRESUNGRSN	1.94 319 eS	Sg	15 48 28.0 +0.5
GRSN	baz=252	eS	Sg	15 48 28.0 -0.9
DDEM	Demirkent	1.99 43 iP	Pg	15 48 00.1 -0.5
DDEM	baz=252	iS	Sb	15 48 02.0 -0.7
DDEM	Demirkent	1.99 43 eP	EG	15 48 00.1 -0.5
DDEM	baz=252	eP	Pg	15 48 00.1 -0.5

24d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV Kislovodsk, KVAR Abou Rabah, and SALA Sala.

2011 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like SALA Sala, MMAI Mount Meron Arr, and GABA Gabala.

1250

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARU Arti, GEAO GERESS Array S, and KURK Kurchatov.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZAK, GTA, SONM, BOD, HHC, CMAR, YAK, KLR, BILL, KSA, BOS, YSS, YKA.

IDC 24 15:50:09.7-2.4, 20.965-178.17W, h419km, 27km, mb3.3/6, mb1 3.5/8, mb1mx3.2/0m, mbtmp4.2/8, Error ellipse: s-maj=29.2km s-min=16.6km az=125.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AFI, URZ, ASAR, WRA, PETK, ILAR, CMAR, BVAR, AKASG, BRRI, MMTA, GERES.

IDC 24 15:51:38.1-1.1, 0.42N-108.63E, h0km, mb3.7/8, mb1 3.9/8, mb1mx3.6/9, mbtmp3.8/8, Error ellipse: s-maj=105.3km s-min=17.9km az=52.0

NEIC 24 15:51:40.0-4.3, 0.74N-108.83E, h3km, 33km, mb4.7/2, Error ellipse: s-maj=11.1km s-min=8.4km az=167.0

NEIC Felt [III] at Singkawang, DJA 24 15:51:40.0-0.4, 1.16E-10.9E, h10km, M4.7/6, Mb4.8/2, mb4.8/3, MLV4.6/6, MW(mB)4.0/2

IDC 24 15:51:41.2-0.4, 0.64N-108.86E, 0.04, h3km, mb4.0/6, mb4.0/6, Error ellipse: s-maj=7.9km s-min=6.0km az=8.4

ISC 24 15:51:43.7-0.7, 0.69N-108.90E, 0.06, h35km, n24, e=118/28, mb3.8/8, Borneo

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KSM, STKI, SBUM, PPBI, PBKI, TPRI, DSRI, MYKOM, KLSI, CISI, IPM, KULM, CM01, CMAR, CHTO, WRA, ASAR, KURBB, KURBB, ZAAO, ZALV, ABKAR, AKTO, BRTR, AKASG.

CSEM 24 15:54:09.0-0.4, 42.23N-15.04E, h5km, ML3.3/4, Error ellipse: s-maj=9.7km s-min=5.6km az=26.0

ROM 24 15:54:10.0-0.4, 42.18N-15.05E, h3km, 4km, ML2.6/21, Error ellipse: s-maj=3.4km s-min=2.3km az=11.0

ISC 24 15:54:10.3-1.5, 42.22N-15.05E, 0.03, h7km, 13km, n54, e=52/65, Adriatic Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FRES, CIGN, TRIV, MSAC, MIDA, MS1, INTR, VCEL, PTRJ, SGG, CERA, VAGA, PSB1, PSB2, FAGN, SGTA, SGTA, POFI, POPI, VVLD, VVLD, TERO, CAFE, CAMP, VULT, VULT, MCRV, MCRV, CGT, FASA, NVLA, UDBI, UDBI.

IDC 24 15:56:41.5-1.6, 36.13N-140.23E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.4/5, mbtmp3.6/4, Error ellipse: s-maj=38.3km s-min=15.1km az=32.0

ISCJB 24 15:56:47.9-0.7, 36.03N-140.139E, 0.07, h58km, 6km, mb3.6/4, Error ellipse: s-maj=12.5km s-min=9.7km az=11.8

JMA 24 15:56:49.6-0.1, 36.04N-139.91E, h43km, 1km, M3.2, Broadband fault plane solution: P waves. NP1: e=41.000000, d75.000000, l88.000000. NP2: e=230.000000, d15.000000, l98.000000. Principal axes: T P160.000000, Azm308.000000; N P162.000000; Azm42.000000; P P1630.000000; Azm133.000000;

JMA Felt [I] at Singkawang, ISC 24 15:56:49.0-0.1, 36.04N-139.93E, 0.06, h49km, 10km, n12, e=58/17, mb3.5/4, 1C-4D, Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JYT, JAG, JYU, JRY, JKT, JOD2, MJAR, MJAR, MAT, ZALV, KURBB, WRA, ASAR.

GUC 24 15:57:08.0-0.4, 23.87S-67.73W, h224km, 11km, ML3.8, 5C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PB06, PB09, PB10, PB04, PB07, PB01, PB08.

CSEM 24 15:57:30.2, 39.47N-39.80E, h7km, MD2.7, DDA 24 15:57:30.2, 39.47N-39.80E, h7km, MD2.7, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EUZM, EUZM, EUZM, TNCL, TNCL, KELIT, KELIT, KEMIA, KEMIA, KEMIA.

ISCJB 24 16:02:55.1-0.3, 59.87N-0.02-22.27E, 0.04, h0km, Error ellipse: s-maj=3.4km s-min=2.8km az=156.8

HEL 24 16:02:56.3-0.1, 59.81N-22.26E, h0km, ML2.0, ML2.0(U/P), Explosion

UPP 24 16:02:56.3-1.2, 59.88N-22.20E, h0km, ML2.0, Suspected explosion

IDC 24 16:02:56.4-2.1, 59.87N-22.30E, h0km, mb1 3.0/3, mb1mx2.9/48, mbtmp2.9/3, ML2.6/3, Error ellipse: s-maj=25.6km s-min=10.7km az=166.0

CSEM 24 16:02:56.2-0.2, 59.85N-22.27E, h2km, ML2.1, Error ellipse: s-maj=4.3km s-min=3.1km az=153.0, Mining explosion.

ISC 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MEF, MEF, AAL, AAL, AAL, AAL, RAF, RAF, RAF, MTSU, MTSU, NRTU, NRTU, NRTU, NRTU, ARBE, ARBE, ARBE, GRAU, GRAU, GRAU, FORU, FORU, FORU, SLIT, SLIT.

SLIT 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

FLYU 24 16:02:54.8-0.7, 59.82N-0.03-22.27E, 0.02, h0km, n63, e=156/95, Baltic States-Belarus-Northwestern Russia

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GTA, GTS, GUA, GVB, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TIXI, NVS, GSI, PDGK, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SML, IL1, ILAR, ILAR, etc.

24d 16h

AKBB	Malin Array Si	74.47 320	eP	P	16 34 01.7	-1.6
AKBB	comp=Z,32nm,0.6s					
AKBB	Malin Array Si	74.47 320	eP	P	16 34 01.7	-1.6
AKBB	comp=Z,32nm,0.6s					
KIEV	Kiev	74.48 320	eP	P	16 34 01.6	-1.7
KIEV	comp=Z,35nm,0.5s					
KIEV	Kiev	74.48 320	eP	P	16 34 01.6	-1.7
KIEV	comp=Z,34nm,0.5s					
AK11	Malin Array Si	74.52 320	eP	P	16 34 02.8	-0.7
YKA	Yellowknife Ar	74.53 26	P	P	16 34 03.9	+0.5
KSRV	Kasrt ali	74.69 303	eP	P	16 34 06.1	+1.3
DRWC	Dorow	76.06 304	eP	P	16 34 14.0	+1.3
SUW	Suwali	76.07 325	eP	P	16 34 13.1	+0.6
SUW	Suwali	76.07 325	eP	P	16 34 13.0	+0.6
ILGA	Ilgaz	76.12 309	eP	P	16 34 14.2	+0.9
BTCH	Batrach	76.47 304	eP	P	16 34 15.7	+0.6
RABH	Abou Rabah	76.64 302	eP	P	16 34 17.6	+1.5
ROOS	Il_alroos	76.69 302	eP	P	16 34 18.2	+1.8
BR131	Keskin Array S	76.78 308	eP	P	16 34 17.4	+0.5
BRTR	Keskin Array B	76.78 308	eP	P	16 34 17.8	+0.8
BRTR	comp=Z,41nm,0.8s,baz=99,slo=5.3,SNR=212					
BRTR	Keskin Array B	76.78 308	eP	P	17 11 20.7	
BRTR	comp=Z,57nm,21.0s,baz=59,slo=3.8					
BRTR	Keskin Array B	76.78 308	eP	P	16 34 17.7	+0.8
NC405	NORSAR Array S	77.08 334	eP	P	16 34 17.0	-1.0
NC303	NORSAR Array S	77.14 334	eP	P	16 34 17.1	-1.2
NB201	NORSAR Array S	77.28 334	eP	P	16 34 18.2	-0.9
ANTO	Ankara	77.29 309	eP	P	16 34 20.4	+0.7
ANTO	comp=Z,39nm,1.0s					
ANTO	Ankara	77.29 309	eP	P	16 34 20.8	+1.1
ANTO	SNR=6.8					
ANTO	Ankara	77.29 309	eP	P	16 34 20.8	+1.1
ANTO	SNR=5.8					
ANTO	Ankara	77.29 309	eP	P	16 34 20.4	+0.7
BR231	Keskin MP Arra	77.32 309	eP	P	16 34 18.3	-1.6
NB2	NORSAR Subarr	77.32 334	eP	P	16 34 18.2	-1.2
NOA	NORSAR Array B	77.32 334	eP	P	16 34 18.4	-1.0
NOA	comp=Z,7.8nm,0.6s,baz=50,slo=5.6,SNR=33					
NOA	LR				17 13 09.6	
NC204	NORSAR Array S	77.34 335	eP	P	16 34 18.0	-1.5
TLCR	Tala	77.34 315	iP	P	16 34 20.2	+0.5
MARH	Ras Al Marh	77.36 302	eP	P	16 34 20.2	+1.6
NB002	NORSAR Array S	77.49 334	eP	P	16 34 19.7	-0.4
NB000	NORSAR Array S	77.49 334	eP	P	16 34 19.1	-1.1
LLBL	Lilloeet	77.69 39	eP	P	16 34 21.9	+0.3
TOTH	TOTAH	77.70 301	eP	P	16 34 23.5	+1.4
QASN	Qassioun	77.73 302	eP	P	16 34 20.9	-1.4
CFR	Carcaiu	77.77 315	iP	P	16 34 23.2	+1.1
SALA	Sala	77.77 301	eP	P	16 34 22.0	-0.6
LVV	L'vov	77.81 321	eP	P	16 34 22.5	+0.2
SUMG	Summit	77.86 357	iP	P	16 34 23.4	+0.8
SUMG	comp=Z,18nm,0.7s					
SUMG	Summit	77.86 357	eP	P	16 34 23.3	+0.7
SUMG	comp=Z,19nm,0.8s					
SUMG	Summit	77.86 357	eP	P	16 34 23.3	+0.7
BRBR	Barbar	78.03 302	eP	P	16 34 26.5	+2.4
TLB	Topalu	78.12 315	iP	P	16 34 24.4	+0.4
HARR	Harsova	78.13 315	iP	P	16 34 25.6	+1.5
A04D	Lummi Island	78.21 40	P	P	16 34 25.6	+1.2
BUR08	Bucovina Ar. S	78.27 318	eP	P	16 34 24.5	-0.5
VRI	Vrincoia	78.28 316	iP	P	16 34 26.1	+1.1
BURAR	Bucovina Array	78.28 318	iP	P	16 34 24.9	-0.2
PLOR	Plostina	78.33 316	iP	P	16 34 27.1	+1.8
BEL	Belsk	78.46 323	eP	P	16 34 27.5	+1.7
BEI	Belsk	78.46 323	eP	P	16 34 27.5	+1.7
KWP	Kalwarja Pacla	78.64 321	eP	P	16 34 28.4	+1.6
KWP	Kalwarja Pacla	78.64 321	eP	P	16 34 28.4	+1.6
KONO	Kongsberg	78.83 334	eP	P	16 34 27.7	0.0
KONO	Kongsberg	78.83 334	eP	P	16 34 27.6	0.0
MLR	Muntele Rosu	78.94 316	iP	P	16 34 30.1	+1.3
MLR	Muntele Rosu	78.94 316	eP	P	16 34 29.3	+0.5
MLR	comp=Z,21nm,1.3s					
MLR	Muntele Rosu	78.94 316	eP	P	16 34 29.3	+0.5
DOPR	Dopca	79.03 317	iP	P	16 34 29.9	+0.8
UZH	Uzhgorod	79.41 320	iP	P	16 34 31.8	+0.8
UZH	i				16 34 36.0	
BSD	Bornholm Skovb	79.44 328	iP	P	16 34 31.7	+0.6
VOIR	comp=Z,22nm,0.8s					
STHS	Stebnicka Huta	79.51 316	iP	P	16 34 32.5	+0.7
STHS	79.55 321	eP	P	16 34 33.3	+1.4	
STHS	comp=Z,8.0nm,1.3s					
STHS	Stebnicka Huta	79.55 321	eP	P	16 34 33.3	+1.4
CRVS	Cervenica-Dubn	79.72 324	eP	P	16 34 34.4	+1.1
CRVS	Cervenica-Dubn	79.73 321	eP	P	16 34 34.1	+1.6
OJC	Ojcow	79.88 322	eP	P	16 34 35.3	+1.7
OJC	Ojcow	79.88 322	eP	P	16 34 33.6	-0.1
OJC	comp=Z,28nm,1.0s					
OJC	Ojcow	79.88 322	eP	P	16 34 33.6	-0.1
DAMY	Dhamar	79.90 281	eP	P	16 34 35.9	+1.2
NIE	Niedzica	80.07 322	eP	P	16 34 36.7	+2.0
NIE	Niedzica	80.07 322	eP	P	16 34 36.7	+2.0
LOT	Lotru	80.27 317	iP	P	16 34 37.8	+1.8
B08A	Colville Reser	80.30 40	eP	P	16 34 36.1	+0.1
I03D	Drain	80.47 45	P	P	16 34 37.6	+0.7
KECS	Kecevo	80.49 321	eP	P	16 34 37.4	+0.5
KECS	comp=Z,5.0nm,1.5s					
KECS	Kecevo	80.49 321	eP	P	16 34 37.4	+0.5
SIRR	Siria	81.08 318	iP	P	16 34 40.9	+0.8
MORC	Moravsky Berou	81.33 323	iP	P	16 34 42.8	+1.3
MORC	Moravsky Berou	81.33 323	eP	P	16 34 41.9	+0.4
MORC	comp=Z,81nm,1.4s					
MORC	Moravsky Berou	81.33 323	eP	P	16 34 41.9	+0.4
KSP	Ksiaz	81.34 324	eP	P	16 34 43.2	+1.8
KSP	Ksiaz	81.34 324	eP	P	16 34 43.2	+1.8
VYHS	Yyhne	81.39 321	eP	P	16 34 44.0	+2.3
VYHS	comp=Z,7.0nm,1.2s					
VYHS	Yyhne	81.39 321	eP	P	16 34 44.0	+2.3
BZS	Buzias	81.44 318	iP	P	16 34 43.4	+1.3
J04D	Umpqua Nati	81.47 45	P	P	16 34 42.9	+0.4
KRLC	Kraliky	81.55 323	eP	P	16 34 43.5	+0.9
KRLC	Kraliky	81.55 323	eP	P	16 34 43.5	+0.9
NEW	Newport	81.56 39	P	P	16 34 43.1	+0.3
NEW	comp=Z,5.0nm,0.9s					
NEW	Newport	81.56 39	eP	P	16 34 43.2	+0.5
NEW	Newport	81.56 39	eP	P	16 34 43.2	+0.5
NEW	comp=Z,5.5nm,0.9s					
DPC	Dobruska-Polom	81.62 324	eP	P	16 34 42.8	-0.2
DPC	Dobruska-Polom	81.62 324	eP	P	16 34 50.5	+1.7
DPC	Dobruska-Polom	81.62 324	eP	P	16 34 42.8	-0.2
DPC	Callahan	82.00 47	P	P	16 34 50.5	
M02C	baz=303				16 34 44.8	-0.4
VRAC	Vranov	82.11 323	iP	P	16 34 47.0	+1.5
VTS	Vitosh	82.15 315	eP	P	16 34 46.8	+0.7
VTS	comp=Z,8.0nm,1.2s					
VTS	Vitosh	82.15 315	eP	P	16 34 46.8	+0.7
M04C	Macdoel	82.43 46	P	P	16 34 48.0	+0.5
BRG	Berggiesshubel	82.50 325	eP	P	16 34 48.2	+0.7
BRG	Berggiesshubel	82.50 325	eP	P	16 34 48.2	+0.7
BRG	comp=Z,3.0nm,1.6s					

2011 AUG

CLL	Collim	82.69 326	iP	P	16 34 48.4	-0.1
CLL	comp=Z,16nm,1.1s					
CLL	Collim	82.69 326	eP	P	16 34 47.8	-0.7
CLL	comp=Z,15nm,1.1s					
CLL	Collim	82.69 326	iP	P	16 34 48.4	-0.1
CLL	comp=Z,16nm,1.1s					
CLL	comp=Z,100nm,18.7s				17 19 00.0	
PRU	Pruncheon	82.75 324	eP	P	16 34 49.7	+0.9
PRU	Pruncheon	82.75 324	eP	P	16 34 49.7	+0.9
WALA	Waterton Lakes	82.81 37	eP	P	16 34 49.4	0.0
BSMT	Bassoo Kater	83.07 38	eP	P	16 34 50.8	0.0
CSM	Centred Observa	83.32 322	iP	P	16 34 53.3	+1.3
MOD	Modoc Plateau	83.32 45	eP	P	16 34 53.4	+1.2
BMO	Blue Mountains	83.44 42	eP	P	16 34 52.9	+0.2
BMO	comp=Z,7.0nm,1.0s					
BMO	Blue Mountains	83.44 42	eP	P	16 34 52.9	+0.2
BFJ	comp=Z,6.8nm,1.0s					
BFJ	Blue Mountains	83.44 42	iP	P	16 34 53.3	-0.2
SFJD	comp=Z,25nm,1.0s					
SFJD	Kasperse Hory	83.78 324	eP	P	16 34 54.5	+0.3
KHC	Kasperse Hory	83.78 324	eP	P	16 34 53.4	-0.8
KHC	comp=Z,3.0nm,1.3s					
KHC	Kasperse Hory	83.78 324	eP	P	16 34 53.4	-0.8
KHC	comp=Z,3.3nm,1.3s					
KHC	Kasperse Hory	83.78 324	eP	P	16 34 53.4	-0.8
GE2C	GERESS Array S	83.89 324	eP	P	16 34 54.8	0.0
GE2C	comp=Z,2.0nm,0.8s					
GE2C	GERESS Array S	83.89 324	eP	P	16 34 54.8	0.0
GERES	GERESS Array B	83.89 324	eP	P	16 34 55.1	+0.3
GERES	comp=Z,2.5nm,0.8s,baz=41,slo=4.3,SNR=22					
GERES	LR				17 16 11.8	
GEAO	GERESS Array S	83.90 324	eP	P	16 34 54.3	-0.6
ARSA	Arzberg	83.92 322	iP	P	16 34 55.8	+0.9
WVOR	Wild Horse Val	84.05 44	eP	P	16 34 56.5	+0.7
WVOR	comp=Z,7.0nm,1.4s					
WVOR	Wild Horse Val	84.05 44	eP	P	16 34 56.5	+0.7
SLMT	Seelye Lake	84.14 38	eP	P	16 34 55.9	-0.4
MOA	Molin	84.22 323	iP	P	16 34 57.3	+0.8
SOB	Sothi	84.53 321	iP	P	16 34 58.3	

24d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like HFS Hagfors, HFS SNR=50, HFS SNR=90, OUFX Oulaineu, etc.

ISN 24 17:31:56.0, 0.8, 36.03N, 43.55E, h0km, gkm, ML3.4
ISK 24 17:31:58.3, 0.6, 1.6N, 43.86E, h5km, MD3.4
ISCJB 24 17:31:59.0, 0.5, 35.95N, 01.04, 43.62E, 0.06, h10km, Error
ellipse: s-maj=7.6km s-min=4.9km az=58.3
TEH 24 17:32:00.5, 3.6, 02N, 43.45E, h2km, ML3.4
CSEM 24 17:32:00.0, 0.2, 35.99N, 43.48E, h20km, ML3.4, Error
ellipse: s-maj=6.2km s-min=4.3km az=68.0
ISC 24 17:31:58.3, 1.0, 36.00N, 0.04, 43.49E, 0.04, h10km, n27,
e1509/33, Iraq

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like HKR Hakkari, HKR Hakkari, HKR Hakkari, SIRT Sirkak, etc.

SCB 24 17:45:56.6, 0.8, 7.03S, 74.49W, h55km, M16, 9/1, Error
ellipse: s-maj=24.3km s-min=16.6km az=85.0
MOS 24 17:46:07.2, 0.8, 7.45S, 74.60W, h111km, mb6, 8/5,
MS6, 3/19, Error ellipse: s-maj=6.7km s-min=4.4km
az=85.8
ISCJB 24 17:46:09.5, 0.4, 7.58S, 0.01, 74.61W, 0.02, h130km, 3km,
mb6, 6/307, Error ellipse: s-maj=3.3km s-min=2.0km
az=147.2
IDC 24 17:46:11.6, 0.6, 7.58S, 74.52W, h142km, 4km, mb6, 2/44,
mb1, 6.3/50, mb1mx6.3/53, mb1tmp6, 6/50, MS6, 3/16,
Ms1, 6.3/16, ms1mx6.9/43, Error ellipse: s-maj=6.7km
s-min=7.0km az=77.0
NEIC 24 17:46:11.0, 0.0, 7.54S, 74.41W, h150km, Moment Tensor
Solution, s95 Moment tensor: Scale 10^19Nm; Mr=3.29;
Mw=0.88; Mw4.17; Mw1.17; Mw0.09; Mw1.1299; Best
double couple: M4.20000x10^19 NP1.0x336.00000,
s58.00000, lambda=113.00000. NP2.0x199.00000,
s39.00000, lambda=57.00000. Principal axes: T 4.4000,
Plg9.0000, Azm86.0000; N -0.4700, Plg19.0000,
Azm35.0000; P -3.9300, Plg67.0000, Azm202.0000;
BUJ 24 17:46:11.2, 7.60S, 74.50W, h150km, mB6, 9/52
NEIC 24 17:46:11.7, 0.1, 7.64S, 74.53W, mb6, 8/16A, MW7.0,
MD6, 9(GQ), Error ellipse: s-maj=3.3km s-min=2.3km
az=82.0
NEIC Felt [V] at Contamana and Tingo Maria; [V] at Pucallpa;
[V] at Ambo, Chica, Huanuco, Imperial, Moyobamba,
Puerto Maldonado and Tarapoto; [III] at Bagua Grande,
Barranca, Chosica, Ica, Iquitos, Lima and Mala; [II] at
Ayacucho, Talara and Trujillo. Felt [III] at Guayaquil and

2011 AUG

Loja and [II] at Cuenca, Ecuador. Felt in much of Peru and
southern Ecuador. Felt [IV] at Cruzairo del Sul and Rio
Branco, Brazil. Also felt at Feijo. Felt [II] at Bogota,
Colombia. Also felt at Leticia. Felt at Cobjia and La Paz,
Bolivia.
GCMT 24 17:46:11.6, 0.1, 7.68S, 74.66W, h144km, MW7.0/145,
Moment Tensor Solution, s145,c383; s138,c670;
Duration: 7.9 Moment tensor: Scale 10^19Nm;
Mr=3.31; Mw=1.03; 0.1; Mw4.34; 0.1; Mw1.22; 0.1;
Mw=0.41; 0.1; Mw1.20; 0.1; Best double couple:
M4.26000x10^19 NP1.0x336.00000, s58.00000,
lambda=113.00000. NP2.0x199.00000, s39.00000,
lambda=57.00000. Principal axes: T 4.5870, Plg10.0000,
Azm84.0000; N -0.6390, Plg20.0000, Azm350.0000; P
-3.9490, Plg67.0000, Azm197.0000; nsta1 refers to
body waves, cutoff=50s. nsta2 refers to surface/mantle
waves, cutoff=50s.
ISC 24 17:46:11.6, 0.2, 7.62S, 0.02, 74.54W, 0.03, h149km, 1.1km,
h149km, pP, n2121, 0.1975/2590, mb6.6/305, 227C-166D,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like NNA Nana, NNA Nana, NNA Nana, CMBC Cumbal, etc.

1256

Table with columns: LCO Las Campanas, VCA Vinchina, TPP Pointe-a-Pierre, etc. Includes station names, coordinates, and various codes.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PLCA comp=Z,218nm,0.9s, baz=25,slow=5.5,SNR=3.3 and PLCA comp=Z,22nm,1.0s, baz=224,slow=2.6,SNR=17.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like 144A Alexander Plac, 439A Center Grove, 246A Louisville, and 242A Grayson.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like URVA University of Ennis, Z38A Mt. Pleasant, Y40A Okolona, and WHTX Lake Whitney.

Table with columns: ID, Name, Az, El, AzEl, P, S, AzEl, P, S, AzEl, P, S. Includes entries like U39A Green Forest, T41A Mountain View, Y33A Hilltop, etc.

Table with columns: ID, Name, Az, El, AzEl, P, S, AzEl, P, S, AzEl, P, S. Includes entries like O43A Sugar Creek Fa, BINY Binghamton, Q38A Cooks Store, etc.

Table with columns: ID, Name, Az, El, AzEl, P, S, AzEl, P, S, AzEl, P, S. Includes entries like M35A Neola, T25A Trinidad, TUC Tucson, etc.

Table with columns: Name, Time, Date, and other identifiers. Includes entries like INK, DAWY Dawson, EDU Dundee, HMNX Herstonceux, etc.

Table with columns: Name, Time, Date, and other identifiers. Includes entries like HGN Heimansgroeve, COLA College, MEM Membach, etc.

Table with columns: Name, Time, Date, and other identifiers. Includes entries like WATA Walderalm, GRFO Grafenberg, MOL Moide, etc.

24d 17h

Table with columns for station name, frequency, power, and signal quality. Includes stations like LJU, MOA, OBKA, NVLJ, BRG, etc.

2011 AUG

Table with columns for station name, frequency, power, and signal quality. Includes stations like UPC, Upeice, Sopron, Dobruska-Polom, etc.

1262

Table with columns for station name, frequency, power, and signal quality. Includes stations like BUM, CEME, UPM, NKME, etc.

1263

Table with columns: Country, Name, Date, Time, Status, and other details. Includes entries for PYL, DRO, HOPEN, etc.

2011 AUG

Table with columns: Country, Name, Date, Time, Status, and other details. Includes entries for SRS, ATH, AOS, etc.

24d 17h

Table with columns: Country, Name, Date, Time, Status, and other details. Includes entries for MICGM, HARR, SORM, etc.

24d 17h

Table with columns for station code, name, frequency, and various signal quality metrics (eSS, SS, pmax, etc.). Includes stations like VSR, MMAI, ANN, ARNB, etc.

2011 AUG

Table with columns for station code, name, frequency, and various signal quality metrics (eSS, SS, pmax, etc.). Includes stations like PET, MA2, MA2, MA2, etc.

1264

Table with columns for station code, name, frequency, and various signal quality metrics (eSS, SS, pmax, etc.). Includes stations like YSS, YSS, YSS, YSS, etc.

Table with columns for station name, frequency, power, and various codes. Includes stations like Kurty, Besmoynak, Talaya, Jaisalmer, Shenyang, Jayapura, etc.

Table with columns for station name, frequency, power, and various codes. Includes stations like WMO, GUMO, Jaisalmer, Shenyang, Jayapura, etc.

Table with columns for station name, frequency, power, and various codes. Includes stations like Rampur, Kakani, Damam, Sheshan, etc.

24d 18h

Table listing stations and their coordinates for the 24d 18h period. Includes stations like GYA, CTBH, LLP, SRBI, etc.

CSEM 24 17:47:57.7, 39°47'N-39°09'E, h7km, MD2.7

Table listing stations and their coordinates for CSEM 24 17:47:57.7, 39°47'N-39°09'E, h7km, MD2.7.

ATH 24 17:53:10.2, 38°32'N-21°76'E, h10km, 1km, ML1.7/6, Error

Table listing stations and their coordinates for ATH 24 17:53:10.2, 38°32'N-21°76'E, h10km, 1km, ML1.7/6, Error.

2011 AUG

Main table listing stations and their coordinates for 2011 AUG. Includes stations like SERG, TRIZ, ANX, etc.

CSEM 24 17:57:07.4, 61°85'N-25°22'E, h0km, ML1.0, Mining explosion, Finland

Table listing stations and their coordinates for CSEM 24 17:57:07.4, 61°85'N-25°22'E, h0km, ML1.0, Mining explosion, Finland.

CSEM 24 17:53:10.2, 38°32'N-21°76'E, h5km, ML1.9/10, Error

Table listing stations and their coordinates for CSEM 24 17:53:10.2, 38°32'N-21°76'E, h5km, ML1.9/10, Error.

1266

Table listing stations and their coordinates for 1266. Includes stations like BOZY, HDMB, etc.

ISCJB 24 18:16:51.7, 0.6, 7.75S:0.303:74:49W:0.05, h154km, 5km, mb4.8/35, Error ellipse: s-maj=8.4km s-min=4.8km az=158.2

Table listing stations and their coordinates for ISCJB 24 18:16:51.7, 0.6, 7.75S:0.303:74:49W:0.05, h154km, 5km, mb4.8/35, Error ellipse: s-maj=8.4km s-min=4.8km az=158.2.

NEIC 24 18:16:51.7, 0.3, 7.77S:74:53W, mb5.4/17, Error ellipse: s-maj=8.1km s-min=4.7km az=79.0

Table listing stations and their coordinates for NEIC 24 18:16:51.7, 0.3, 7.77S:74:53W, mb5.4/17, Error ellipse: s-maj=8.1km s-min=4.7km az=79.0.

NEIC Felt [V] at Pucallpa, Also felt at Tarapoto and Tingo Maria. IDC 24 18:16:51.8, 0.5, 7.74S:74:55W, h143km, 4km, mb4.2/18, mb1.4/25, mb1mx4.2/45, mbtmp4.7/25, MSS.5/2, AKKU s-min=10.4km az=82.0

Table listing stations and their coordinates for NEIC Felt [V] at Pucallpa, Also felt at Tarapoto and Tingo Maria. IDC 24 18:16:51.8, 0.5, 7.74S:74:55W, h143km, 4km, mb4.2/18, mb1.4/25, mb1mx4.2/45, mbtmp4.7/25, MSS.5/2, AKKU s-min=10.4km az=82.0.

BUI 24 18:16:51.4, 7.80S:74:20W, h129km, mb5.7/4

Table listing stations and their coordinates for BUI 24 18:16:51.4, 7.80S:74:20W, h129km, mb5.7/4.

ISC 24 18:16:51.3, 0.5, 7.75S:0.305:74:54W:0.06, h140km, 4km, h140km, p-P, n143, c1857/159, mb4.9/35, C1, Peru-Drizin border region

Table listing stations and their coordinates for ISC 24 18:16:51.3, 0.5, 7.75S:0.305:74:54W:0.06, h140km, 4km, h140km, p-P, n143, c1857/159, mb4.9/35, C1, Peru-Drizin border region.

Table with columns: JGJ, Station Name, Az, El, P, M, R, S, T, U, V, W, X, Y, Z, and various numerical values.

Table with columns: KSAR, HHC, MTN, FITZ, GTA, PYUN, KOLN, LZH, GKN, KKN, DMN, PKIN, RAIMN, CD2, GYA, GYA, GYA, GYA, CMAR, CM01, Code, Station Name, Az, El, P, M, R, S, T, U, V, W, X, Y, Z, and various numerical values.

Table with columns: TWE, EGS, NNS, WHF, WHF, JYNG, YVOJ, TWT, TWT, NSK, NSK, EHY, EHY, NWF, NWF, TWF1, TWF1, SMLT, SMLT, NSTT, NSTT, TYC, TYC, CHKT, CHKT, YUS, YUS, TWY, TWY, TWY1, TWY1, NSY, NSY, WNT, WNT, ALS, ALS, ELDTW, ELDTW, CHNS, CHNS, IRIF, IRIF, WKG, WKG, STYT, STYT, CHN4, CHN4, CHN4, CHN4, WTP, WTP, JKRS, JKRS, TWK, TWK, CHN1, CHN1, CHN1, CHN1, ECL, ECL, ECL, ECL, JIJ, JIJ, SSS, SSS, TWM1, TWM1, JISG, JISG, EAST, EAST, EAST, EAST, JTJ, JTJ, Code, Station Name, Az, El, P, M, R, S, T, U, V, W, X, Y, Z, and various numerical values.

24h 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like San Ignacio, Limon Verde, PTGA, etc.

ATH 24 18:37:51.4, 38.332N-22.10E, h9km, 1km, ML1.6/7, Error ellipse: s-maj=1.6km s-min=0.7km az=21.0

CSEM 24 18:37:51.7, 0.1, 38.332N-22.11E, h2km, ML1.6, Error ellipse: s-maj=3.5km s-min=3.3km az=75.0

THE 24 18:37:51.7, 38.332N-22.12E, h7km, 2km, ML1.8/8, Error ellipse: s-maj=2.1km s-min=0.6km az=20.0, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TRIZ, KALE, SERG, etc.

211 AUG

Table with columns: PVO, Paravola, 0.55 302, P, Pg, 18 38 02.6 +0.2, etc.

IDC 24 18:45:47.4, 2.8, 30.72S:177.46W, h0km, mb4.0/4, mb1.4, 1/5, mb1mx3.8/25, mbtmpr4.0/5, ML3.1/1, Error ellipse: s-maj=59.8km s-min=27.4km az=110.0

ISC 24 18:45:51.2, 2.7, 30.72S:177.5W, 0.4, h33km, n7, s=2549.9, mb4.1/4, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO, URZ, CTA, etc.

IDC 24 18:59:39.7, 1.2, 36.61N:21.54E, h0km, mb3.8/6, mb1.3, 7/9, mb1mx3.5/43, mbtmpr3.7/9, ML2.6/3, Error ellipse: s-maj=32.3km s-min=22.1km az=159.0

ATH 24 18:59:42.2, 36.36N:21.73E, h4km, 2km, ML3.3/7, Error ellipse: s-maj=2.9km s-min=1.0km az=47.0

CSEM 24 18:59:42.4, 0.3, 36.29N:21.70E, h2km, ML3.3, Error ellipse: s-maj=6.0km s-min=3.4km az=50.0

THE 24 18:59:43.9, 0.36, 36N:21.79E, h0km, 1km, ML3.3/33, Error ellipse: s-maj=2.2km s-min=0.8km az=224.0

NEIC 24 18:59:46.5, 1.3, 36.44N:21.74E, h54km, 14km, mb4.2/1, Error ellipse: s-maj=19.2km s-min=13.2km az=190.0

ISC 24 18:59:41.8, 1.3, 36.36N:21.73E, 0.03, h7km, 2kgm, n123, s1568/207, mb3.8/7, 1D, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PYL, ITM, VLI, etc.

1268

Table with columns: THAL, Thalerio, 1.85 23, P, Pb, 19 00 16.1 +0.2, etc.

NEIC 24 19:04:52.8, 1.2, 52.32N:172.16E, h4km, 7km, mb4.1/5,

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Araxos, Kula-Manisa, Golhisar, Agios Georgios, Limnos Island, Paravola, Zakynthos, Elmal, Prodromos, Valsamata, Korkueli, Klokotos Trika, Palaion Diasel, Lefkada island, Polygyros, Litokhoron, Tavsani, Horiatias, Alexandroupoli, Sulfuce-Ispart, Kipourio, Igoumenitsa, Pentalofo, Saglada, Kendrikon, Florina, Vitosha, Keskin Array B, Podgorica, Bovan, Zajeac, Ivanjica, Valguarnera, Mount Meron Ar, Lotru, Buzias, Elat, Jabal al Asfar, Dakhla, Ubdina, Novajia, Vranoc, Malin Array Be, GERESS Array B, Kislovodsk Arr, Kasperske Hory, Khab, Dobruska-Polom, Davos/Dischmat, Sonseca Array, Midelt, FINESS Array B, Alikeb, Eskdalemuir Ar, Torodi Ar, Beas, ARCESS Array B, Ala-Archa, Kurchatov Arr, Zalevoso Beam, Piuthan, Koldanda, Gorkha, Daman, KKK, PKIN, PKJI, JIRN, SOMI, GOMR, USRK, KSRs, ASAR, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KKK, PKIN, PKJI, JIRN, SOMI, GOMR, USRK, KSRs, ASAR.

IDC 24 19:30:42.1±2.6, 17:105x172.75W, h0km, mb4.0/6, mb1 4.2/6, mb1mx3.8/28, mbtmp4.0/6, Error ellipse: s-maj=137.5km s-min=27.1km az=146.0, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CTA, STKA, WARA, PDAR, ILAR.

ISCJB 24 19:41:05.8 0.1, 15:47S:0:04:173:45W:0:05, h51km, mb5.0/56, Error ellipse: s-maj=8.5km s-min=4.1km az=41.0

MOS 24 19:41:06.1 1.2, 15:40S:173:41W, h48km, mb5.2/15, Error ellipse: s-maj=13.7km s-min=8.8km az=49.7

NEIC 24 19:41:06.8 0.1, 15:42S:173:50W, mb5.2/40, Error ellipse: s-maj=5.7km s-min=2.8km az=130.0

NEIC Felt at Apia, Samoa. Also felt at Nu'uuli and Utulei, American Samoa.

IDC 24 19:41:07.0 5.0, 16:38S:173:35W, h49km, mb4.4/14, mb1 4.6/15, mb1mx4.3/29, mbtmp4.6/15, MS4.3/1, Ms1 4.3/1, mb1mx3.6/32, Error ellipse: s-maj=20.5km s-min=12.2km az=134.0

BJJ 24 19:41:14.1, 15:59S:173:78W, h113km, mb4.8/22, mb5.5/9

ISC 24 19:41:07.4 0.4, 15:37S:0:07:173:44W:0:07, h51km, gmkm, h51km, pp-P, n491, c1923/496, mb5.1/56, 7C-7D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI, AFI, AFI, MSFV, MSFV, RAR, RAR, DZM, DZM, OUZ, OUZ, URZ, URZ, URZ, URZ, HIZ, HIZ, BKZ, BFZ, SNZ, SNZ, THZO, THZO, KHZ, KHZ, LTZ, LTZ, OPZ, OPZ, RPZ, RPZ, FOF, FOF, MLZ, MLZ, WHZ, WHZ, CTA, H1S2, H1S3, H1S1, CAN, CAN, H1N3, H1N1, H1N2, STKA, STKA, STKA, WRAB, WRAB, WRAB, WRA, WRA, WRA, ASO1, ASO1, ASAR, ASAR, Vnda, Vnda, Vnda, Vnda, SCZ2, SCZ2, SC2, SC2, SBC, SBC, PKM.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMPB, SMMC, CIS, PAGB, HOPS, FMP, DECC, KMRM, 109C, ARVC, MWC, MWC, MWC, VES, VES, MURC, BFSC, RCTC, EDW2, MONP2, ISA, ISA, ISA, ISA, IKP, PFO, TPFO, AFDM, AFDM, BBRC, ORV, ORV, WDC, WDC, SWSC, LRMC, N02D, RRR, 003D, M02C, CWC, YSS, YSS, YSS, BELC, MLAC, MPMC, GSC, GSC, GSC, GSC, GSC, GSC, TIN, WAKR, BC3, HEC, GLA, GLA, GLA, GLA, HUMO, TVH1, YERR, GMRC, M04C, GRAC, IRM, FURC, TUQ, SHOC, Y12C, Y12C, PAHR, 103D, LDFC, K04C, 214A, 214A, NEE2, TPNV, TPNV, TPNV, J04D, KDAK, KDAK, PDMCI.

Table with multiple columns containing station identifiers (e.g., I04A, MOD, K05A), station names (e.g., Tendick Farm, Modoc Plateau, Summer Lake), coordinates, and various data points including elevation, distance, and signal strength. The table is organized into several vertical columns.

24d 21h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like GSI, COCO, MTKI, etc.

2011 AUG

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like BURAR, VTS, DRGR, etc.

1274

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like NKC, WERN, ROHR, etc.

ISCJTB 24.21:14:46.5.0.2.50:18N.0:01:12:54E.0:02:h4km,3km, Error ellipse: s-maj=2.3km s-min=1.9km az=150.7, IASPEI 24.21:14:47.0.8.50:24N.0:02:12:42E.0:03:h14km,4km, Error ellipse: s-maj=4.0km s-min=2.8km az=88.3, GT5 selection from ISC bulletin GT5 identified by Bond'jr and McLaughlin (2009) selection criteria Bond'jr and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Lett.</i>, 80-8, 465-472, 2009

Table of astronomical observations for 24d 22h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2011 AUG, listing station names, coordinates, and observation details.

JMA 22:04:13.8±0.2, 377.90N±143.48E, h42km, M3.5, Off east coast of Honshu

MEX 22:09:42.2±0.6, 16.48N±98.52W, h17km, MD3.6, Near coast of Guerrero

Table of astronomical observations for 2011 AUG, listing station names, coordinates, and observation details.

Table of astronomical observations for 2011 AUG, listing station names, coordinates, and observation details.

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CSEM 22:12:19.21±0.3, 39.84N±16.09E, h8km, MD1.8/4 ROM 22:19:21.3±0.4, 39.84N±16.09E, h8km±1km, Mdl1.8/4, az=13.0, Southern Italy

PRU 22:22:08.1, 50.23N±12.47E, h5km, West Bohemia Swarm, Germany

24d 23h

Table with columns: PSMN, Pico do Norte, 158.22, 28, ePKPdf, PKPdf, 23 26 11.8 -3.2, WHF, Hehuan Shan, 0.92 268 P, Pn, 23 08 21.7 -0.3, etc.

MEX 24 23:07:12.6-0.5, 15°26'N-93°42'W, h68km, 44km, MD3.8, Near coast Chiapas

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, TGIG, Comitan, 1.60 50, eS, 23 07 54.9 -2.5, etc.

2011 AUG

Table with columns: WHF, Hehuan Shan, 0.92 268 P, Pn, 23 08 21.7 -0.3, WNSF, Sangungu, 0.97 301 i, P, 23 08 22.5 +0.2, NSK, 0 i, S, 23 08 34.5 -0.5, etc.

CSEM 24 23:23:12.6, 36°13'N-122°85'E, h5km, ML2, 1/7, ATH 24 23:23:12.6, 36°13'N-122°85'E, h5km, 3km, ML2, 1.5, Error ellipse: s-maj=3.4km s-min=0.7km az=65.0, Southern Greece

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, KYTH, Kithira, 0.21 50 P, S, 23 23 17.7 +0.9, etc.

Table with columns: KLV, Kalavryta, Ach, 1.99 344 P, P, 23 23 48.9 +0.4, DRO, Drossia, 2.03 334 P, P, 23 23 51.2 -0.4, etc.

IDC 24 23:29:01.4-0.8, 18°29'S-167°93'E, h0km, mb4.3/15, mb1 4.5/16, mb1mx4.3/35, mbmt4.4/16, ML4.5/1, MS4.7/3, Ms1 4.7/3, ms1mx4.1/24, Error ellipse: s-maj=25.6km s-min=16.9km az=120.0

ISCJB 24 23:29:05.1-0.3, 18°32'S-0°04', 167°74'E-0°05, h29km, mb4. 7/39, MS4.7/2, Error ellipse: s-maj=7.4km s-min=5.0km az=18.2

NEIC 24 23:29:06.0-0.5, 18°26'S-167°76'E, h29km, 3km, mb4.9/27, Error ellipse: s-maj=8.8km s-min=7.7km az=131.0

BUI 24 23:29:12.7, 17°56'S-167°70'E, h67km, mb4.7/8, mB5.2/1, ISC 24 23:29:06.8-0.4, 18°34'S-0°06', 167°76'E-0°08, h29km, n97, c195/91, mb4.8/39, 1C, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, DZM, Mont Dzumac, 3.91 198 Pn, 23 30 03.4 -1.7, DZM, 28nm, 0.3s, baz=146, slow=23, SNR=9.2, etc.

25d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, VANDA Vanda, PETK Petropavlovsk, KLR Kul'dur, CMAR Chiang Mai Arr, MAW Mawson, SONM Songino Array, ILAR Eielson Array, BRTR Keskin Array B, SOKA Soboth, ABTA Abfaltersbach, WATA Walderim, MOTA Moosalm, RETA Reuttu, FETA Feichten, DAVA Damuels, DAVOX Davos/Dischmat, TORO Torodi Arr, TORO Torodi Arr, TORO Torodi Arr.

2011 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SNPH Sibulan, GUMI Jordan, DCPH Digolop City, TBX Tablagliaran, PAGZ Pagadian, LLP Lapu-Lapu, MEX 25 01:52:56.6,0.3, 15:58N-95:75W, h5km, MD3.6, Near coast of Oaxaca, NIED 25 02:14:00,36:20N,143:30E, h5km, Mw4.7, Best double couple, ISCJB 25 02:14:46.7,0.9,36:25N,0:03:143:44E,0:02, h4km,5km, IDC 25 02:14:46.6,0.5,36:11N,143:57E, h0km, mb4.9/27, MOS 25 02:14:50.1,0.8,36:42N,143:42E, h21km, mb5.2/87, JMA Felt I J1, NEIC 25 01:28:19.3,0.9,36:97N,140:40E, h50km,8km, mb4.1/2, IDC 25 01:28:06.3,5,36:95N,140:30E, h61km,31km, mb3.5/10, ISC 25 01:26:13.2,1.1,37:00N,0:03:140:44E,0:03, h4km,8km, m38, m59/39, mb3.9/13, MS4.2/3, 7C, Near east coast of eastern Honshu, Code, Station Name, Az, Az', Phase ID, Time, Res.

1290

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CN2 Changchun, CN2 comp=Z,10nm,0.5s, CN2 comp=Z,200nm,4.0s, CN2 comp=Z,700nm,12.0s, CN2 comp=Z,800nm,12.0s, CN2 comp=Z,400nm,12.0s, SNY Shenyang, SNY comp=Z,20nm,1.3s, SNY comp=Z,310nm,12.0s, SNY comp=Z,830nm,12.7s, SNY comp=Z,1um,13.7s, SNY comp=Z,2um,14.9s, DL2 Dalian, DL2 comp=Z,24nm,1.2s, DL2 comp=Z,380nm,8.2s, DL2 comp=Z,770nm,13.0s, DL2 comp=Z,430nm,12.3s, DL2 comp=Z,930nm,19.4s, PEAO Petropavlovsk, PEAOB Petropavlovsk, PETK comp=Z,0.1nm,0.3s, bazz=114, slow=3.9, SNR=11, PETK comp=Z,0.1nm,0.3s, bazz=114, slow=3.9, SNR=11, NJ2 Nanjing, NJ2 comp=Z,13nm,0.5s, TIA Tai'an, TIA comp=Z,30nm,0.7s, TIA comp=Z,530nm,11.7s, TIA comp=Z,460nm,12.6s, HIA Hailar, HIA comp=Z,19nm,0.8s, HIA comp=Z,19nm,0.8s, BJI Beijing, BJI comp=Z,17nm,1.8s, BJI comp=Z,160nm,3.3s, BJI comp=Z,390nm,13.3s, BJI comp=Z,540nm,12.3s, YHNB Yeheng, YHNB comp=Z,6.8nm,0.5s, SULB Suilong, SULB comp=Z,52nm,1.6s, SULB Suilong, SULB comp=Z,2.7nm,1.0s, TPUB Ta-pu, TPUB comp=Z,119nm,1.4s, MA2 Magadan, MA2 comp=Z,25nm,0.9, bazz=183, slow=11, SNR=7.4, MA2 Magadan, MA2 comp=Z,23.86, 9c/P, MA2 Magadan, MA2 comp=Z,23.86, 9c/P, MA2 Magadan, MA2 comp=Z,23.86, 9c/P, MA2 Magadan, MA2 comp=Z,23.86, 9c/P, WHN Wuhan, WHN comp=Z,1um,12.4s, WHN Wuhan, WHN comp=Z,810nm,12.8s, WHN comp=Z,1um,14.5s, WHN comp=Z,3um,17.8s, HHC Hu-ho-hao-te, HHC comp=Z,33nm,1.1s, HHC comp=Z,320nm,5.0s, HHC comp=Z,760nm,16.2s, HHC comp=Z,740nm,17.7s, H1N2 WAKE ISLAND HY 26.27 122 T, H1N1 WAKE ISLAND HY 26.27 122 T, H1N3 WAKE ISLAND HY 26.28 122 T, CIT Chita, CIT comp=Z,112nm,1.5s, H1S1 WAKE ISLAND HY 26.98 125 T, H1S3 WAKE ISLAND HY 26.98 125 T, H1S2 WAKE ISLAND HY 27.00 125 T, YAK Yakutsk, YAK comp=Z,2.7nm,0.6s, bazz=159, slow=4.2, SNR=9.1, YAK comp=Z,358nm,20.5s, bazz=154, slow=37, YAK comp=Z,81nm,1.1s, YAK comp=Z,57nm,1.1s, YAK comp=Z,20nm,1.2s, YAK comp=Z,44nm,1.3s, YAK comp=Z,43nm,1.4s, YAK comp=Z,1.9nm,1.9s, YAK comp=Z,124nm,9.1s, YAK comp=Z,165nm,10.6s, YAK comp=Z,579nm,15.0s, YAK comp=Z,443nm,16.0s, YAK comp=Z,336nm,17.0s, XAN Xi'an, XAN comp=Z,37nm,1.4s, XAN comp=Z,260nm,6.8s, XAN comp=Z,510nm,17.7s, XAN comp=Z,22nm,0.8s, XAN comp=Z,0.2nm,0.3s, bazz=133, slow=12, SNR=35, XAN comp=Z,461nm,19.6s, bazz=148, slow=37, XAN comp=Z,2um,14.9s, XAN comp=Z,2um,14.9s.

1291

Table with columns for station call letters, frequency, mode, and other technical details. Includes stations like XAN, ENH, BOD, SONA1, SONM, LZH, ZAK, TLY, GYA, CD2, MOY, BILL, GTA, TIXI, WMO, SVW2, PMG, MK01, MK31, MKAR, MAKZ, MAKH, OHA, RSO, KDAK, and WB2.

2011 AUG

Table with columns for station call letters, frequency, mode, and other technical details. Includes stations like SPU, KTH, TAPN, KURK, KURB, COLD, ODAN, SEW, PMR, MCK, MCK, RND, RND, TOLK, PDGK, SML, SML, MDM, RAMN, JIRN, WRH, COLA, COLA, CCB, GUN, DHY, SCM, SCM, ILI, ILAR, ILB, PKI, PKIN, KKN, DMN, COEN, GKN, DIV, FYU, DOT, DOT, KOLN, PYUN, EGAK, FRU, FRU, KSH, KSH, KSH, KSH, KSH, AAK, AAK, AAK, AAK, BVAO, BVAO, BVAR, BVAR, BRVK, BRVK, DAWY, DAWY, MNAS, MNAS, HYT, INK, INK, INK, KK31, WHY, WRAB, WRAB, WRAB, WRAB, WB2.

25d 2h

Table with columns for station call letters, frequency, mode, and other technical details. Includes stations like WRA, FITZ, SVE, ARU, ARU, ARU, ARU, ARU, DLBC, KBL, KBL, AB31, AB31, ABKAR, HYB, ASAR, ASAR, ASAR, AKTO, AKTO, LVZ, LVZ, YKA, YKA, YKA, KLMR, KLMR, KLMR, ARCES, AREO, GEYT, GEYT, NLWA, MBW, MBW, DAG, TDL, ETW, IO3D, WTV, B08A, IO4A, L02D, MOS, MOS, CROR, EDM, EDM, BBOO, IO5D, VTHM, D08A, J04D, VRH, VRH, NEW, NEW, NEW, M02C, OBN, OBN, OBN, OBN, OBN, OBN, N02D, LPSR, M04C, K05A, WDC, WDC, FIA1, FINES, FINES, FINES, VSR, VSR, O03D, WALA, MOD, JMTT, SUMG, SUMG, SUMG, YBMT, SWMT, WVOR, WVOR, VSU.

25d 2h

2011 AUG

1292

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AFDM, MSO, SLMT, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BGU, AHID, FURC, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BRTR, OJC, OJC, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like T25A, NKCC, H35A, MDVR, LAZ, ANMO, SOP, L32A, MEH, CONA, LPM, KHC, BNM, G36A, GE3C, GE2C, GE1C, GE0A, SPMM, SPMM, WTSB, 121A, 121A, VTS, VTS, VTS, GRFO, GRFO, GRFO, H37A, AR7A, MOA, L34A, I37A, PERS, SOKA, I38A, H39A, HGN, K37A, OBKA, BEBN, MEM, SKO, H40A, I39A, O34A, VNDS, MYKA, N35A, LJU, STU, STU, BCLA, BOJS, J39A, CWF, H40A, P34A, VOJS, KRUS, ABTA, N36A, S32A, M37A, LANF, WLF, MOTA, RETA, I41A, R33A, RNTX, TBI, K39A, BIA, PDG, DOU, Q34A, AMTX, BFO, BFO, OHR, T32A, N37A, M38A, FETA, R34A, J41A, DAVA.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like P36A, Q35A, O37A, N38A, ECH, M39A, FUORN, K41A, R35A, P37A, N39A, MOF, O38A, L41A, T3E4, T3E5, R36A, S35A, P38A, W32A, N40A, U34A, M41A, T35A, V40A, O40A, P39B, M42A, WMOK, WMOK, N41A, T36A, U35A, SENIN, P40A, N42A, O41A, TX31, TXAR, R39A, AQU, AQU, V36A, T38A, U37A, ABTX, S39A, Z33A, R40A, P42A, Q41A, V37A, U38A, I33A, T39A, S40A, Q42A, X36A, R41A, BNI, V38A, T40A, 233A, U39A, S41A, I34A, PLDF, AGO, P44A, V39A, SSB, SSB, U40A, W38A, S42A, 333A, T41A, 234A, Q44A, R43A, X38A, PYM, W39A, 433A, V40A, T42A, 334A, LBL, WHTX, U41A.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like R44A, S43A, X39A, W40A, V41A, T43A, 434A, U42A, S44A, MIAR, MIAR, PBMO, Y39A, WHAR, V42A, W41B, 633A, 534A, KEST, ES19, ESDC, ESDC, TORO, SDV, SAML, LPZA, LPZA, SHEL, LVC, LVC, MAN 25 02:17:16, MAN INTENSITY IV - SAN REMIGIO AND VALDERRAMA, ANTIQUE INTENSITY III - SAN JOSE DE BUENAVISTA, JAMTICO BARBASA SEBASTE SIBALOM PANDAN CULASTR GUMBAL PATNONONG AND LIBERTAD ANTIQUE, ILOILO CITY, BKK 25 02:17:16.4, DJA 25 02:17:17.1, ISCJB 25 02:17:18.7, IDC 25 02:17:18.2, NEIC 25 02:17:18.3, NEIC FELT (IV PIVS) AT San Remigio and Valderrama, NEIC FELT (IV PIVS) AT Barbaz, Culasi, Gumbal, Hamtic, Iloilo, Libertad, Pandan, Patnonong, Sebaste, Sibalom and San Jose, Dumarao, Jamindan, Kalibo, Leon, Leso, Lucena, Malay, Miagao, Panay and Pavia, FELT (IV PIVS) AT Bacolod and Sipalay, Negros, Also felt at Bago, ISC 25 02:17:20.5, Code, Station Name, Az, AZ, Phase ID, Time, Res.

25d 2h

Table of station data for 25d 2h, including columns for station name, coordinates, and various parameters like P, Pn, Pmax, etc.

2011 AUG

Main table of station data for 2011 AUG, listing station names, coordinates, and parameters.

1294

Table of station data for 1294, including station names, coordinates, and parameters.

Table with columns: KHC, Kasperske Hory, 2.84 215 ePg, Pg Sg, 02 47 07.0 -0.6, 02 47 45.0 +0.7. Includes sub-sections for SJA, GUC, and NEIC.

NEIC 25 03:10:06.0, 51:181-171:68W, h44km, mb4.5/59, ML4.2(AEIC), After AEIC.

ISC/B 25 03:10:06.0, 51:181-171:68W, h44km, mb4.0/24, mb4.2/26, mb1mx4.1/51, mbmp4.3/26, ML4.1/2, MS3.4/6, Ms1.3/4.6, ms1mx3.1/51, Error ellipse: s-maj=21.1km

MOS 25 03:10:07.0, 51:181-171:79W, h75km, mb6.0/34, Error ellipse: s-maj=10.6km s-min=7.3km az=76.0

ISC 25 03:10:07.0, 51:184N, 0:08W, h171.70W, 0:03, h55km, 5km, n407, s112/429, mb4.4/84, MS3.6/9, BC-4D, Fox Islands

Main table with columns: Code, Station Name, AZ, Phase ID, ISC, Time, Res. Lists stations like KOSE, KONE, KOKV, etc.

Main table with columns: ILAR, Eielson Array, 18.20 35 P P, 03 14 12.6 -2.7. Lists stations like ILAR, PETK, COLD, etc.

Main table with columns: CCUT, Cedar City, 42.71 86 eP, P, 03 17 58.0 -0.9. Lists stations like CCUT, TMUT, GMRC, etc.

25d 3h

G39A	Holcombe	51.13	63	P	P	03 19 03.6	-0.6
O34A	Beatrice	51.17	72	P	P	03 19 04.4	-0.2
I38A	Scanlan Farm,	51.26	65	P	P	03 19 05.0	-0.2
K37A	Belmond	51.31	67	P	P	03 19 04.7	-0.9
N35A	Tabor	51.35	70	P	P	03 19 05.5	-0.5
MNTX	Cornudas Mount	51.50	66	P	P	03 19 07.6	+0.4
MSTX	Muleshoe	51.57	82	P	P	03 19 08.3	+0.5
L37A	Phoenix Point,	51.65	68	P	P	03 19 07.9	-0.2
SUMG	Summit	51.70	16	eP	P	03 19 07.3	-1.3
SUMG	Summit	51.70	16	eP	P	03 19 07.3	-1.3
HHC	Hu-ho-hao-te	51.76	290	eP	P	03 19 07.9	-1.2
HHC				pP	P	03 19 22.3	-1.5
HHC				PP	P	03 21 05.0	-1.9
HHC				PcS	P	03 24 20.8	+1.0
HHC				S	P	03 26 25.1	-1.7
HHC				sS	P	03 26 38.8	-1.3
HHC				sS	P	03 26 38.8	-1.3
HHC	comp=Z,16nm,1.2s				pmax		
HHC	comp=Z,99nm,5.0s				pmax		
HHC	comp=N,200nm,14.9s				LR	LR	
HHC	comp=E,220nm,17.7s				LR	LR	
HHC	comp=Z,130nm,14.9s						
I39A	Houston	51.83	65	P	P	03 19 09.0	-0.4
Q34A	Chapman	51.84	73	P	P	03 19 09.5	0.0
M37A	Trindle Farm,	51.93	69	P	P	03 19 10.3	+0.1
P35A	Duane Minner,	51.99	72	P	P	03 19 10.9	+0.2
J39A	Decorah	52.05	66	P	P	03 19 10.3	-0.8
L38A	Oak Wood Farm,	52.09	68	P	P	03 19 11.0	-0.5
N37A	Lee Fairs, Mou	52.26	70	P	P	03 19 12.6	0.0
I40A	Norwalk	52.31	64	P	P	03 19 12.8	-0.2
K39A	Oelwein	52.35	66	P	P	03 19 12.6	-0.8
P36A	Good Intent, A	52.41	71	P	P	03 19 13.2	-0.6
M38A	Pleasantville	52.42	68	P	P	03 19 13.3	-0.6
J40A	Soldiers Grove	52.56	65	P	P	03 19 14.1	-0.8
I41A	Arkdale	52.62	64	P	P	03 19 14.6	-0.7
L39A	Vinton	52.66	67	P	P	03 19 15.2	-0.4
O37A	Wolven Farm, M	52.67	70	P	P	03 19 15.5	-0.3
N38A	Joess South For	52.80	69	P	P	03 19 16.4	-0.3
T34A	McClaskey Farm	52.93	75	P	P	03 19 17.2	-0.5
P37A	Lathrop	52.93	71	P	P	03 19 16.9	-0.7
M39A	Webster	52.97	68	P	P	03 19 17.5	-0.4
J41A	Loganville	52.98	65	P	P	03 19 17.1	-0.9
S35A	Otter Creek Ra	53.01	74	P	P	03 19 17.7	-0.6
R36A	Gordon, Harris	53.08	73	P	P	03 19 18.1	-0.7
O38A	Galt	53.10	70	P	P	03 19 18.4	-0.5
L40A	Anamosa	53.14	67	P	P	03 19 18.3	-0.9
N39A	Derby Farms, D	53.17	69	P	P	03 19 18.9	-0.5
K41A	Shullsburg	53.31	66	P	P	03 19 19.8	-0.6
P38A	Dawn	53.39	70	P	P	03 19 20.5	-0.5
T35A	Sooner Cattle	53.41	75	P	P	03 19 20.7	-0.5
L41A	Preston	53.54	66	P	P	03 19 21.4	-0.8
O39A	Kirkville	53.55	69	P	P	03 19 21.5	-0.7
Q38A	Cooks Store, C	53.77	71	P	P	03 19 22.5	-1.3
S37A	Fort Scott	53.85	73	P	P	03 19 23.7	-0.8
P39B	Salisbury	53.93	70	P	P	03 19 24.1	-0.9
M41A	Milan	53.97	67	P	P	03 19 24.5	-0.7
O40A	La Belle	54.02	69	P	P	03 19 25.1	-0.6
Q39A	Willow Grove F	54.09	71	P	P	03 19 24.8	-1.3
R38A	Fenwick Farm,	54.11	72	P	P	03 19 25.0	-1.3
TX31	Lajitas Ar. Si	54.20	87	eP	P	03 19 28.0	+0.7
TXAR	Lajitas Arroy	54.20	87	P	P	03 19 27.9	+0.7
TXAR	comp=Z,2.4nm,0.7s,baz=296,slow=5.2,SNR=16			PcP	P	03 20 32.0	+0.9
T37A	Cheneyville 18	54.22	74	P	P	03 19 26.5	-0.6
P40A	Paris	54.31	70	P	P	03 19 27.0	-0.7
S38A	Stockton	54.48	72	P	P	03 19 27.6	-1.4
TUL1	Leonard	54.51	75	P	P	03 19 29.3	+0.1
R39A	Chumby, Stover	54.54	71	P	P	03 19 30.0	+0.5
U37A	Salina	54.58	74	P	P	03 19 29.3	-0.5
O41A	Passeys Farm,	54.60	68	P	P	03 19 29.2	-0.7
T38A	Diamond	54.65	73	P	P	03 19 29.4	-0.9
Q40A	Laux Farm, Aux	54.65	70	P	P	03 19 29.4	-0.9
P41A	Barry, Barry	54.79	69	P	P	03 19 30.5	-0.7
I33A	Hamilton Ranch	54.86	80	P	P	03 19 32.2	+0.4
V37A	Hulbert	54.92	75	P	P	03 19 31.8	-0.4
U38A	Gravette	54.99	74	P	P	03 19 31.5	-1.3
R40A	Maddies Statio	55.01	71	P	P	03 19 31.1	-1.7
O42A	Bath	55.01	68	P	P	03 19 31.7	-1.1
Q41A	Truxton	55.17	70	P	P	03 19 33.2	-0.8
T39A	Clever	55.20	73	P	P	03 19 33.1	-1.2
HD1L	Hopedale	55.22	67	P	P	03 19 33.7	-0.6
P42A	Winchester	55.26	68	P	P	03 19 34.1	-0.5
233A	Rising Star	55.27	81	P	P	03 19 34.4	-0.5
V38A	Canehill	55.37	74	P	P	03 19 35.0	-0.5
R41A	Rosebud	55.52	70	P	P	03 19 35.6	-0.9
U39A	Green Forest	55.57	73	P	P	03 19 35.8	-1.2
Q42A	Golden Eagle	55.60	69	P	P	03 19 36.7	-0.4
T40A	Mansfield	55.62	72	P	P	03 19 36.2	-1.1
333A	Richland Sprin	55.70	82	P	P	03 19 38.0	0.0

2011 AUG

S41A	Jillco Farms,	55.78	71	P	P	03 19 37.1	-1.3
V39A	Pettigrew	55.84	74	P	P	03 19 38.1	-0.8
W38A	Potter	55.84	75	P	P	03 19 39.4	+0.6
R42A	Luebering	55.87	70	P	P	03 19 38.4	-0.6
Z36A	Blue Ridge	55.92	78	P	P	03 19 39.7	+0.2
X38A	Whitesboro	55.93	76	P	P	03 19 39.7	+0.2
U40A	Yellville	55.96	73	P	P	03 19 38.6	-1.2
433A	Art	56.04	82	P	P	03 19 39.9	-0.4
Q43A	New Douglas	56.06	69	P	P	03 19 40.0	-0.4
T41A	Mountain View	56.14	72	P	P	03 19 39.6	-1.3
WHTX	Lake Whitney,	56.18	80	P	P	03 19 40.7	-0.6
W39A	Magazine	56.20	75	P	P	03 19 40.8	-0.6
S42A	Caledonia	56.22	70	P	P	03 19 40.4	-1.1
P44A	Sand Creek, Wi	56.33	67	P	P	03 19 41.9	-0.3
V40A	Witts Springs	56.35	73	P	P	03 19 41.6	-0.9
R43A	Red Bud	56.38	69	P	P	03 19 41.7	-0.9
136A	Ennis	56.41	79	P	P	03 19 43.3	+0.4
X39A	Fountain Ranch	56.47	75	P	P	03 19 43.4	+0.1
434A	Burnet	56.50	81	P	P	03 19 43.5	-0.1
U41A	Viola	56.52	72	P	P	03 19 42.4	-1.3
W40A	Ferguson Farm,	56.62	74	P	P	03 19 43.7	-0.7
V41A	Mountainview	56.76	73	P	P	03 19 44.3	-1.2
MIAR	Mount Ida	56.76	75	P	P	03 19 44.9	-0.5
MIAR	Mount Ida	56.76	75	eP	P	03 19 45.8	+0.4
MIAR	comp=Z,6.0nm,1.0s			pmax	pmax		
MIAR	Mount Ida	56.76	75	eP	P	03 19 45.8	+0.4
S43A	Fulton Ridge,	56.77	70	P	P	03 19 44.6	-0.8
SCHO	Schefferville	56.80	42	P	P	03 19 45.2	-0.2
U42A	Revenden	56.92	72	P	P	03 19 45.3	-1.1
S34A	Blanco	56.92	82	P	P	03 19 45.5	-1.2
T43A	Greenville	56.98	71	P	P	03 19 45.9	-1.0
W41B	Gary Mavity, V	57.13	74	P	P	03 19 46.9	-1.1
ARCES	ARCSS Array B	58.28	353	P	P	03 19 53.6	-2.0
ARCES	comp=Z,1.9nm,0.7s,baz=19,slow=7.9,SNR=8.2			PcP	PcP	03 20 45.7	-0.5
ARCES	comp=Z,1.6nm,0.6s,baz=15,slow=5.0,SNR=5.8			LR	LR	03 25 26.6	
ARCES	comp=Z,30nm,20.4s,baz=348,slow=37			LR	LR	03 20 02.5	-1.8
LZH	Lanzhou	59.44	291	eP	P	03 20 02.5	-1.8
LZH				pP	P	03 20 17.3	-2.0
LZH				sP	P	03 20 23.6	-1.9
LZH				eP	P	03 22 15.5	-0.1
LZH				pmax	pmax		
LZH	comp=Z,1.8nm,1.3s						
LZH	comp=Z,45nm,7.2s						
LZH	comp=N,150nm,15.0s				LR	LR	
LZH	comp=E,140nm,15.3s				LR	LR	
LZH	comp=Z,170nm,18.5s				LR	LR	
Y46A	Houston	60.03	72	P	P	03 20 08.0	-0.2
Y47A	UCPARC, Winfie	60.61	72	P	P	03 20 11.7	-0.5
Z47A	Carrollton	60.98	72	P	P	03 20 14.2	-0.4
Z48A	Northport	61.16	72	P	P	03 20 15.3	-0.6
O56A	Blu Knob Stat	61.38	60	P	P	03 20 16.4	-1.0
KURK	Kurchatov	61.80	317	dIP	P	03 20 19.3	-0.6
KURK				pmax	pmax		
KURK	Kurchatov	61.80	317	eP	P	03 20 18.9	-1.0
KURK				PcP	PcP	03 21 01.1	+0.5
KURBB	Kurchatov Arra	61.90	317	P	P	03 20 19.7	-0.9
KURBB	comp=Z,6.5nm,0.7s,baz=44,slow=7.1,SNR=46			PcP	PcP	03 21 01.1	+0.1
N59A	State Game Lan	62.41	58	P	P	03 20 24.3	+0.1
BLA	Blacksburg	62.53	64	eP	P	03 20 24.3	-0.8
BLA				pmax	pmax		
BLA	Blacksburg	62.53	64	eP	P	03 20 24.3	-0.8
WMQ	Urumqi	62.71	307	P	P	03 20 28.6	+2.4
WMQ				pP	pP	03 20 44.0	+2.7
WMQ				sP	sP	03 20 55.0	+3.0
WMQ				pmax	pmax		
WMQ	comp=Z,5.0nm,0.7s				pmax	pmax	
WMQ	comp=Z,38nm,4.7s				LR	LR	
WMQ	comp=N,96nm,12.7s				LR	LR	
WMQ	comp=E,79nm,11.9s				LR	LR	
WMQ	comp=Z,65nm,10.5s				LR	LR	
MK31	Makanchi Array	63.11	312	eP	P	03 20 27.7	-1.1
MK31				eP	P	03 20 27.7	-1.1
MKAR	Makanchi Array	63.11	312	eP	P	03 20 27.7	-1.1
MKAR				pmax	pmax		
MKAR	comp=Z,2.1nm,1.0s						
MKAR	comp=Z,2.1nm,1.0s						
MK01	Makanchi Array	63.12	312	eP	P	03 20 27.4	-1.4
BRVK	Borovoye	63.29	323	iP	P	03 20 29.4	-0.4
BRVK				pmax	pmax		
BRVK	comp=Z,20nm,0.8s						
BRVK	comp=Z,19nm,0.7s						
KM5C	Kings Mountain	63.50	66	eP	P	03 20 31.3	-0.2
KM5C				eP	P	03 20 31.2	-0.3
LMN	Caledonia 08s	64.22	48	eP	P	03 20 36.4	-0.3
LMN	comp=Z,2.1nm,0.8s						
ARU	Arti	64.42	332	iP	P	03 20 36.3	-0.9
ARU						03 21 09.2	
ARU						03 22 54.0	
ARU				S	S	03 29 15.3	+2.3
ARU				SS	SS	03 33 19.9	-1.0
ARU				pmax	pmax		
ARU	comp=Z,12nm,0.7s						
ARU	Arti	64.42	332	eP	P	03 20 36.0	-1.1
FINES	FINESS Array B	66.17	351	P	P	03 20 46.2	-2.2

Table with columns: Station Name, Frequency, Class, Power, and Time. Includes stations like GUMO, MTN, TGY, KKM, MTKI, PMG, etc.

Table with columns: Station Name, Frequency, Class, Power, and Time. Includes stations like H11N1, H11N2, H11N3, CD2, etc.

Table with columns: Station Name, Frequency, Class, Power, and Time. Includes stations like MAKZ, KASHI, KSH, etc.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations 1299.

NIED 25 04:07:00, 39° 8'0N, 142° 20'E, h23km, Mw4.2 Best double couple...
ISCJB 25 04:07:49.2, 0.6, 39° 78'N, 142° 23'E, 0.05, h13km, 3km, mb4.5/47, MS3.7/12, Error ellipse: s-maj=6.2km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other details for stations 1299.

Main table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations 2011 AUG.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations 250 4h.

JMA 25 04:10:50.9, 0.2, 34° 94'N, 140° 09'E, h65km, 2km, M3.2
ISCJB 25 04:10:51.0, 0.5, 34° 90'N, 140° 14'09'E, 0.05, h64km, 4km, mb3.7/4, Error ellipse: s-maj=7.1km s-min=5.6km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other details for stations 250 4h.

25d 4h

2011 AUG

1300

MOS 25 04:19:22.6:1.7,39:22N:29:14E,h10km,mb4.0/7, Error ellipse: s-maj=9.1km s-min=5.9km az=87.2
IDC 25 04:19:22.5:0.9,39:10N:29:23E,h0km,mb3.6/6, mb1 3.8/1.4,mb1mx3.7/8,mbtmp3.7/14,ML3.7/8, Error ellipse: s-maj=17.1km s-min=15.3km az=65.0
NEIC 25 04:19:23.6:39:17N:29:13E,h5km,mb4.1/1,ML4.3/ISK, After ISK,
CSEM 25 04:19:23.9:0.2,39:15N:29:12E,h6km,1km,mb4.0/7, Error ellipse: s-maj=2.2km s-min=2.1km az=90.0
ISCJB 25 04:19:23.1:0.4,39:17N:0:01:29:11E,0:02,h6km,3km, mb3.9/10, Error ellipse: s-maj=2.3km s-min=2.2km az=170.5
ISK 25 04:19:23.5,39:17N:29:12E,h7km,ML4.3
DDA 25 04:19:23.1,39:14N:29:10E,h22km,M14.3
THE 25 04:19:25.0,39:10N:29:01E,h2km,9km, Error ellipse: s-maj=9.4km s-min=1.5km az=88.0
ISC 25 04:19:24.0:0.9,39:19N:0:02:29:09E,0:01,h7km,6km, n342,01540/413,mb3.8/10,20C-17D, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: GCAM, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: CDAG, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their associated data points.

CNNC			eSn		05 09 06.7 -1.7		
PSUB	Penn St. - Bra	2.79 45	ePn	Pn	05 08 36.2 +0.4		
PSUB				Pn	05 09 08.0 -1.5		
LUPA	Lehigh Univiers	3.33 38	ePn	Pn	05 08 44.4 +1.2		
LUPA				Pn	05 09 20.9 -1.8		
NS4A			eSn	Pb	05 08 45.2 -5.0		
N59A	Moraine State	3.33 334	P	P	05 08 44.9 +0.6		
	State Game Can						
	baz=151,SNR=34	3.41 30	P	P			
M54A	Oil Creek Stat	3.73 341	P	Pn	05 08 50.5 +1.8		
	baz=210,SNR=66						
BRNJ	Basking Ridge	3.80 44	ePn	Pn	05 08 50.5 +0.8		
BRNJ			eSn	Pn	05 09 32.9 -1.6		
KMSC	Kings Mountain	3.89 224	P	Pn	05 08 51.4 +0.5		
	baz=44,SNR=37						
KMSC	Kings Mountain	3.89 224	ePn	Pn	05 08 51.5 +0.5		
ALLY	Allegheny Colle	4.00 337	ePn	Pn	05 08 54.6 +2.2		
ODNJ	Ogdensburg	4.07 40	ePn	Pn	05 08 54.5 +1.1		
CPNY	Central Park	4.22 47	ePn	Pn	05 08 56.0 +0.6		
CPNY			eSn	Pn	05 09 44.2 -0.5		
ERPA	Erie	4.39 341	ePn	Pn	05 08 59.7 +2.0		
PAL	Palisades	4.39 45	ePn	Pn	05 08 58.0 +0.3		
PAL			eSn	Pn	05 09 47.5 -1.4		
ACSO	Alum Creek Sta	4.45 302	ePn	Pn	05 09 00.7 +2.1		
BNY	Binghamton	4.49 20	ePn	Pn	05 09 02.2 +1.1		
JSC	Jenkinville	4.53 216	ePn	Pn	05 08 59.8 +0.1		
IZTN	Jawetzville	4.63 253	ePn	Pn	05 09 22.1 +1.7		
BUF	Buffalo	4.97 353	ePn	Pn	05 09 09.5 +3.8		
YLE	Yale	5.15 48	ePn	Pn	05 09 08.9 +0.8		
TKL	Tuckaleechee C	5.16 245	Pn	Pn	05 09 09.9 +1.6		
	9.1nm,0.3s,baz=52,slow=10,SNR=94						
TKL	44nm,0.3s,baz=71,slow=16,SNR=30		Pg	Pb	05 09 19.8 -1.6		
TKL	35nm,0.3s,baz=102,slow=13,SNR=4.3		Sn	Lg	05 10 10.1 +2.2		
TKL	176nm,0.3s,baz=344,slow=17,SNR=19		Lg	Lg	05 10 28.4		
TKL	comp=Z,558nm,19.1s,baz=30,slow=40		LR	LR	05 11 15.1		
NHSC	New Hope	5.18 200	ePn	Pn	05 09 08.4 -0.2		
RGRS	Roger Stewart	5.37 203	ePn	Pn	05 09 10.7 +0.9		
TRY	Troy	5.79 34	ePn	Pn	05 09 18.1 +1.1		
CPCT	Cooper Creek	5.97 246	ePn	Pn	05 09 19.1 +2.0		
AAM	Ann Arbor	6.09 317	ePn	Pn	05 09 21.1 0.0		
AAM	300nm,0.4s						
QUA2	Belchertown	6.11 44	ePn	Pn	05 10 29.2 -1.5		
ACCN	Adirondack Com	6.33 30	ePn	Pn	05 09 21.1 -0.2		
BRYW	Bryant College	6.35 50	ePn	Pn	05 09 24.8 +0.5		
GOGA	Godfrey	6.35 226	ePn	Pn	05 09 24.8 +0.1		
WCI	Wyandotte Cave	6.51 275	ePn	Pn	05 09 25.1 +0.4		
NCB	Newcomb	6.63 25	ePn	Pn	05 09 32.1 +5.1		
HRV	Adam Dzielowski	6.70 46	ePn	Pn	05 09 28.8 -0.6		
BLO	Bloomington	6.75 283	ePn	Pn	05 09 37.1 +6.9		
WES	Weston	6.76 47	ePn	Pn	05 09 29.6 -0.6		
BCX	Boston College	6.82 48	ePn	Pn	05 09 30.7 -0.3		
SWET	Sewanee	6.93 247	ePn	Pn	05 09 34.7 +2.0		
MDV	Middlebury	7.04 30	ePn	Pn	05 09 33.5 -0.6		
LONY	Lake Ozonia	7.11 20	ePn	Pn	05 09 35.0 -0.2		
HNH	Hanover	7.18 36	ePn	Pn	05 09 37.5 +1.5		
FFD	Franklin Falls	7.31 40	ePn	Pn	05 09 38.1 +0.3		
SFIN	Lafayette	7.43 292	P	Pn	05 09 40.4 +0.9		
	baz=106						
SFIN	Lafayette	7.43 292	ePn	Pn	05 09 37.6 -1.9		
	159nm,0.4s						
SFIN			eSg	Sg	05 11 47.0 -2.5		
USIN	University of	7.61 273	ePn	Pn	05 09 46.8 +4.9		
FRNY	Flat Rock	7.61 25	ePn	Pn	05 09 41.1 +0.2		
LBNH	Lisbon	7.76 35	ePn	Pn	05 09 46.1 +2.1		
OLIL	Olney	7.94 278	ePn	Pn	05 09 50.3 +3.8		
TIGA	Tifton	7.97 217	P	Pn	05 09 47.2 +0.2		
WWT	Waverly	8.05 260	ePn	Pn	05 09 49.1 +1.1		
S45A	Carrier Mills	8.35 271	P	Pn	05 09 54.0 +1.9		
	baz=85						
P44I	Sand Creek, Wi	8.40 283	P	Pn	05 09 54.4 +1.6		
GLMI	Grayling	8.43 266	P	Pn	05 09 53.4 +0.2		
TRQ	Mont Tremblant	8.62 16	ePn	Pn	05 09 55.2 -0.7		
Q44A	Meyer Farm, Va	8.66 279	P	Pn	05 09 58.3 +1.9		
	baz=93						
R44A	Waltonville	8.71 275	P	Pn	05 09 58.7 +1.7		
	baz=98						
U45A	Rockin P Farm,	8.72 262	P	Pn	05 09 58.1 +0.9		
	baz=76,SNR=13						
UTMT	University of	8.80 263	ePn	Pn	05 10 00.3 +2.0		
LRAL	Lakeview Retre	8.82 239	ePn	Pn	05 10 01.0 +1.6		
S44A	Carbondale	8.89 272	P	Pn	05 10 01.0 +1.6		
	baz=85						
Y47A	UCPARC, Winfie	8.94 246	P	Pn	05 10 00.6 +0.3		
	baz=60,SNR=35						
Z48A	Northport	9.01 242	P	Pn	05 10 01.4 +0.3		
	baz=57,SNR=12						
V45A	Humboldt	9.04 259	P	Pn	05 10 02.3 +0.8		
	baz=73						
O43A	Sugar Creek Fa	9.06 288	P	Pn	05 10 03.3 +1.5		
	baz=101						
HDIL	Hopedale	9.10 290	P	Pn	05 10 03.5 +1.1		
	baz=103						
HDIL	Hopedale	9.10 290	ePn	Pn	05 10 05.1 +2.7		
WL	Waterville	9.10 41	ePn	Pn	05 10 02.0 +0.1		
P43A	Skaggs, Pawnee	9.12 284	P	Pn	05 10 03.8 +1.2		
	baz=97						
U44B	Burton Farm, H	9.18 263	P	Pn	05 10 04.1 +0.6		
	baz=77,SNR=7.7						
Q43A	New Douglas	9.20 280	P	Pn	05 10 05.1 +1.3		
	baz=92						
T44A	Benton	9.22 268	P	Pn	05 10 06.3 +2.2		
	baz=81						
HALT	Halls	9.28 261	ePn	Pn	05 10 06.3 +1.3		
R43A	Red Bud	9.38 275	P	Pn	05 10 08.3 +2.1		
	baz=88						
W45A	Hickory Valley	9.40 256	P	Pn	05 10 06.7 +0.1		
	baz=70,SNR=7.8						
Z47A	Carrollton	9.46 243	P	Pn	05 10 07.8 +0.4		
	baz=57,SNR=27						
S43A	Fulton Ridge,	9.54 271	P	Pn	05 10 09.9 +1.5		
	baz=84,SNR=27						
O42A	Bath	9.62 287	P	Pn	05 10 13.6 +4.1		
	baz=100						
Y46A	Houston	9.68 248	P	Pn	05 10 10.5 +0.1		
	baz=62,SNR=57						
V44A	Blytheville	9.74 261	P	Pn	05 10 12.2 +1.0		
	baz=74						
P42A	Winchester	9.74 283	P	Pn	05 10 12.8 +1.6		
	baz=96						
T43A	Greenville	9.77 268	P	Pn	05 10 12.8 +1.1		
	baz=81,SNR=25						
PKME	Peaks-Kenny Pk	9.78 39	ePn	Pn	05 10 12.2 +0.6		
OXF	Oxford	9.82 253	ePn	Pn	05 10 12.4 +0.2		
X45A	UM Field Stati	9.84 252	P	Pn	05 10 12.8 +0.2		
	baz=66,SNR=20						
248A	Dixon Mills	9.89 236	P	Pn	05 10 14.1 +0.8		
	baz=51,SNR=15						
W44A	Shelby Farms P	9.89 257	P	Pn	05 10 14.3 +1.0		
	baz=70,SNR=6.5						
147A	Livingston	9.90 241	P	Pn	05 10 13.9 +0.5		
	baz=55,SNR=17						
PBMO	Poplar Bluff	9.94 267	ePn	Pn	05 10 15.4 +1.5		
U43A	Rector	10.00 264	P	Pn	05 10 15.8 +1.0		
	baz=77,SNR=25						
R42A	Luebbering	10.06 276	P	Pn	05 10 17.4 +1.9		
	baz=98						
Z46A	Louisville	10.09 245	P	Pn	05 10 16.6 +0.6		
	baz=59,SNR=9.9						
S42A	Caledonia	10.07 273	P	Pn	05 10 17.5 +1.5		
	baz=85,SNR=15						
VLD0	Vai d'Or	10.13 2	ePn	Pn	05 10 16.0 -0.4		
Y45A	Yeager Farm, C	10.20 250	P	Pn	05 10 18.1 +0.7		
	baz=63,SNR=61						
M41A	Milan	10.21 293	P	Pn	05 10 18.1 +0.4		
	baz=105						
O41A	Passleys Farm,	10.21 286	P	Pn	05 10 18.3 +0.6		
	baz=98						
DWPF	Disney Wildern	10.26 197	ePn	Pn	05 10 17.3 -1.0		
V43A	Jonesboro	10.26 261	P	Pn	05 10 18.5 +0.3		
	baz=74						
X44A	Crenshaw	10.38 254	P	Pn	05 10 20.2 +0.3		
	baz=67,SNR=7.3						
L41A	Preston	10.39 297	P	Pn	05 10 20.1 +0.1		
	baz=109						
Q41A	Truxton	10.39 279	P	Pn	05 10 20.4 +0.1		
	baz=91						
HBAR	Harrisburg	10.41 260	ePn	Pn	05 10 20.9 +0.5		
348A	Jackson	10.44 234	P	Pn	05 10 21.5 +0.8		

baz=49							
K41A	Shullsburg	10.44 300	P	Pn	05 10 19.8 -1.0		
	baz=112,SNR=6.8						
146A	Union	10.47 243	P	Pn	05 10 21.2 +0.1		
247A	Quitman	10.50 239	P	Pn	05 10 21.8 +2.0		
	baz=57,SNR=18						
R41A	Rosebud	10.52 276	P	Pn	05 10 23.8 +2.0		
	baz=53,SNR=14						
JFWS	Jewell Farm	10.52 302	ePn	Pn	05 10 22.2 +0.3		
Z45A	Winona	10.54 248	P	Pn	05 10 22.7 +0.6		
J41A	Loganville	10.56 304	P	Pn	05 10 21.8 -0.6		
	baz=61,SNR=36						
W43A	Forest City	10.60 258	P	Pn	05 10 23.0 +0.1		
	baz=71						
Y44A	Strider, Charl	10.65 251	P	Pn	05 10 23.4 -0.2		
	baz=78,SNR=25						
U42A	Venden	10.66 265	P	Pn	05 10 24.3 +0.4		
448A	Bay Minette	10.73 232	P	Pn	05 10 24.7 -0.1		
	baz=47						
I41A	Arkdale	10.79 308	P	Pn	05 10 25.3 -0.3		
	baz=120						
347A	Saraland	10.86 236	P	Pn	05 10 26.8 +0.4		
	baz=50,SNR=16						
S41A	Jillico Farms,	10.86 272	P	Pn	05 10 27.1 +1.1		
	baz=15						
L40A	Anamosa	10.90 296	P	Pn	05 10 27.6 +0.1		
	baz=108						
V42A	Cord	10.91 263	P	Pn	05 10 27.2 0.0		
	baz=75,SNR=37						
X43A	Marvell	10.93 255	P	Pn	05 10 28.0 +0.4		
	baz=68						
T41A	Mountain View	10.95 269	P	Pn	05 10 27.9 +0.2		
	baz=99,SNR=13						
H41A	Junction City	10.96 311	P	Pn	05 10 27.1 -0.7		
	baz=12						

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like K33A, 238A, T34A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MSTX Muleshoe, MSTX Hebronville, R34A, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like EKA Eskdalemuir, LPAZ La Paz, NOA, etc.

IDC 25 05:52:34.62.1, 18.62S, 167.62E, h0km, mb3.9/4, mb1 4.2/5, mb1mx3.8/29, mbmtbp3.9/5, ML3.5/1, Error ellipse: s-maj=54.2km s-min=33.0km az=131.0, Vanuatu Islands

IDC 25 05:58:32.2.2.9, 36.11N, 142.32E, h0km, mb3.5/2, mb1 3.6/3, mb1mx3.4/33, mbmtbp3.4/3, ML3.3/1, MS2.6/1, Ms1 2.6/1, ms1mx2.2/33, Error ellipse: s-maj=67.7km s-min=29.6km az=46.0

ISCJB 25 05:58:33.7.1.1, 36.15N, 142.27E, h0.1, h23km, mb3.5/2, Error ellipse: s-maj=11.2km s-min=6.4km az=177.8

JMA 25 05:58:35.7.0.2, 36.15N, 142.07E, h79km, 4km, M3.1, ISC 25 05:58:36.1.1.5, 36.19N, 142.04E, h0.0, h23km, n22, e190421, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHJO, JHO, ONAJ, etc.

DJA 25 06:08:38.3.1.8, 4.5S, 133.13E, h21.2, h75km, M4.1/4, MLV.4/1, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FAKI, BNDI, SWI, etc.

25d 7h

Table with columns: Station Name, Time, Res, and other details. Includes stations like Makanchi Array, MAK31, MAZK, etc.

WEL 25 06:52:20.2, 0.4, 37.265, 177.43E, h1222km, 3km, ML3.9/38, 10C-13D, Error ellipse: s-maj=2.5km s-min=1.9km

Main table listing station names, codes, and various parameters. Includes stations like HAZ, WHRZ, RUGZ, MXZ, PKGZ, etc.

2011 AUG

Table listing station names, codes, and various parameters. Includes stations like HOWZ, OGWZ, Te Maipa, etc.

IDC 25 06:59:02.3, 0.8, 17.49S, 167.43E, h0km, mb4.2/15, m1.4, 3.8/14, ms1mx3.6/28, Error ellipse: s-maj=23.9km

IS/CJB 25 06:59:03.7, 0.5, 17.55S, 167.32E, 0.0, 6h, h19km, mb4.4/21, MS3.8/12, Error ellipse: s-maj=12.2km

NEIC 25 06:59:07.6, 0.3, 17.53S, 167.36E, h35km, mb4.5/3, Error ellipse: s-maj=9.1km s-min=7.9km az=124.0

ISC 25 06:59:05.3, 0.5, 17.58S, 166.167, 4E, 1.0, h19km, n62, r123/51, mb4.5/21, MS3.9/12, Vanuatu Islands

Main table listing station names, codes, and various parameters. Includes stations like DZM, DZM, DZM, etc.

1304

Main table listing station names, codes, and various parameters. Includes stations like TIP, BNI, PLDF, etc.

ISCJB 25 09:26:18.7,0.2,50.18N,0.01x12.55E,0.02,h8km,3km, Error ellipse: s-maj=2.3km s-min=2.2km az=19.9 VIE 25 09:26:19.7,0.4,50.17N,12.38E,h10km,2km,mb2.1/8, ML2.9/11, Error ellipse: s-maj=2.5km s-min=2.3km az=53.0 CSEM 25 09:26:19.8,0.1,50.21N,12.51E,h10km,ML3.1/21, Error ellipse: s-maj=1.8km s-min=1.6km az=36.0 BGR 25 09:26:20.1,0.2,50.23N,12.45E,h11km,1km,ML2.9/6, Error ellipse: s-maj=2.2km s-min=2.2km az=108.0 PRU 25 09:26:20.7,50.22N,12.51E,h1km, West Bohemia Swarm CLL 25 09:26:21.0,0.3,50.22N,0.9x1.2E, h7km,1km,ml2.8 ISC 25 09:26:20.1,0.8,50.22N,0.02,12.47E,0.02,h11km,3km, n86,c0581/154,8C, Germany

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists various stations like Novy Kostel, Wernitzgruen, Muldenberg, etc.

Table with columns: UPC, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like Dobruska-Polom, Ksiaz, Molin, etc.

IDC 25 09:34:01.3,1.8,1.74S,67.65E,h0km,mb4.1/3,mb1 4.1/3, mb1mx3.5/5.4,mbtpp4.1/3,MS3.7/5,Ms1 3.7/5, ms1mx3.1/4.0, Error ellipse: s-maj=67.2km s-min=31.1km az=128.0, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like Diego Garcia H, Boshof, etc.

NIED 25 09:35:00.23,10N,121.90E,h5km,Mw4.4 Best double couple: M=4.96000x10^15 NP2=173.00000x0.879,00000x1.555,00000x1.161,00000x0. IDG 25 09:35:08.8,0.5,23.01N,121.93E,h0km,mb4.2/23, mb1 4.3/26, mb1mx4.2/55,mbtpp4.2/26,ML3.7/3,MS3.6/15, Ms1 3.8/15, ms1mx3.3/45, Error ellipse: s-maj=16.8km s-min=10.9km az=85.0 NEIC 25 09:35:10.9,0.2,23.03N,121.92E,h10km,mb4.9/17, Error ellipse: s-maj=5.7km s-min=4.8km az=91.0 BUI 25 09:35:11.9,23.20N,121.90E,h8km,mb4.5/23,mb4.9/19, ML4.3/7,Ms4.1/23,Ms7.3/9/22 ISCJB 25 09:35:11.3,0.4,23.10N,0.01x12.22E,0.01,h18km,2km, mb4.4/41,MS3.8/14, Error ellipse: s-maj=2.5km s-min=1.9km az=144.5 JMA 25 09:35:12.1,0.2,23.11N,121.92E,h32km,5km,M4.3 TAP 25 09:35:13.7,23.13N,121.91E,h25km,ML4.9,C ISC 25 09:35:10.4,1.1,23.10N,122.00E,0.02,h4km,gkm, ms1 3.8/15, ms1mx3.4/41,MS3.8/14,42C-5D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like Diego Garcia H, Boshof, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like TWG, HWA, WDT, YUS, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like SCLT, YHNB, LYUTAN, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like LZH, GUMU, MTKI, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like EDM, B08A, MOD, etc.

1311

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Opana, Taliwang, Mauna Loa, etc.

2011 AUG

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KUR, BLSI, KLSI, KASI, etc.

25d 10h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WHN, DL2, Dalian, etc.

25d 10h

2011 AUG

1312

Table with columns for station name, frequency, power, and other technical details. Includes stations like Meulaboh, Taiyuan, Utaradit, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Bilibino, Songoing Aram, Rabbit Creek, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Rector, College, Pasadella, and many others.

1313

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Liberty, Needles Airpor, Leavenworth, Parker Dam, Lak, Gumba, Hanford, Troy Canyon, C, etc.

2011 AUG

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Bozeman (W), Indian Meadow, Snow King Moun, Paradox Valley, Mesa Verde, Long Hollow, Flagg Ranch, Paradox Valley, N'lazarevsky, Grant Village, etc.

25d 10h

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Medeo, Kashi, Laredo, Kurchatov, Kurchatov Arra, Junction City, Saathoff Ranch, Abilene, Hawle, Kerrville, Benavides, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YAYL, KIZK, Mersin, etc.

MEX 25 10:49:19.8-0.3, 14:31N:93:55W, h40km, 999km, MD3.8, Near coast of Chiapas

CSEM 25 11:05:44.7-0.3, 37:52N-35:56E, h2km, ML2.7, Error ellipse: s-maj=6.6km s-min=5.3km az=38.0

ISK 25 11:05:44.4, 37:54N-35:63E, h3km, ML2.7

DDA 25 11:05:44.1, 37:54N-35:56E, h7km, Md2.7

ISC 25 11:05:43.8-0.9, 37:55N-0:03:35.57E, 0.02, h13km, 6km, n24, c0570/38, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKO, KOZT, CEYH, etc.

ISC 25 11:08:59.1-0.9, 9:23N-69:97W, h0km, mb3.6/5, mb1 4 1/9, mb1mx3.8/41, mbtmp3.9/9, ML3.2/3, Error ellipse:

ISCJB 25 11:09:01.6-0.7, 9:14N-0:03:69.98W, 0.02, h24km, 6km, mb3.6/5, Error ellipse: s-maj=4.7km s-min=3.1km az=161.7

FUNV 25 11:09:01.1, 9:19N:70:03W, h1km, MW4.1

ISC 25 11:09:00.3-1.2, 9:19N:0:04:69.98W, 0.03, h9km, 6km, n42, c1563/64, mb3.6/5, 7C-3D, Venezuela

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SDV, SDV, SDV, etc.

ISCJB 25 11:09:37.8-0.7, 20:08S:0:04:69:28W, 0.08, h90km, 7km, mb3.5/1, Error ellipse: s-maj=12.6km s-min=5.5km az=167.7

GUC 25 11:09:37.1-0.7, 20:05S:69:20W, h92km, 3km, ML4.1

IDC 25 11:09:38.8, 1.9, 20:11S:68:79W, h13km, 17km, mb3.3/2, mb1 3.7/6, mb1mx3.4/32, mbtmp4.0/6, Error ellipse:

s-maj=45.0km s-min=14.4km az=104.0

ISC 25 11:09:37.4-1.0, 20:04S:0:04:69:24W, 0.07, h94km, 8km, n18, c1999/30, 3C-4D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB08, HMBC, PSGC, etc.

MEX 25 11:12:01.3-0.3, 17:33N:101:35W, h26km, 17km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZIIG, ZIIG, CAJ, etc.

JMA 25 11:28:39.0-1.3, 36:48N:140:87E, h30km, 1km, M3.5, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHO, JHO, JYT, etc.

ISCJB 25 11:30:16.8-0.4, 37:55N:0:02:35:58E, 0.02, h11km, 3km, Error ellipse: s-maj=4.0km s-min=3.0km az=2.5

DDA 25 11:30:16.2, 37:52N:35:58E, h17km, Md3.0

ISK 25 11:30:16.4, 37:57N:35:59E, h8km, ML2.9

CSEM 25 11:30:17.0-0.1, 37:56N:35:59E, h10km, ML2.9, Error ellipse: s-maj=3.3km s-min=2.8km az=13.0

ISC 25 11:30:15.7-1.0, 37:56N:0:02:35:60E, 0.02, h19km, 2km, n64, c0574/88, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKO, AKO, KOZT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUZU, KUZU, KUZU, etc.

ISCJB 25 11:32:10.7-0.6, 4:72N:0:05:125:7E, 0.1, h150km, mb3.8/6, Error ellipse: s-maj=18.1km s-min=6.6km az=167.0

IDC 25 11:32:10.3-13.0, 5:12N:125:47E, h170km, 116km, mb3.6/6, mb1 3.7/7, mb1mx3.3/37, mbtmp4.0/7, MS3.5/1, Ms1 3.5/1, ms1mx2.7/30, Error ellipse: s-maj=84.6km s-min=30.2km az=109.0

MAN 25 11:32:14.5, 14N:125:93E, h164km, mb4.9, ML3.8, MS3.9

ISC 25 11:32:11.1-1.6, 4:83N:0:07:125:8E, 0.1, h150km, n12, c025/16, mb3.9/6, 1C-1D, Taid Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSPH, GSPH, MATI, etc.

ISK 25 11:42:26.7, 37:57N:35:62E, h19km, MD2.7

ISCJB 25 11:42:27.0, 37:54N:0:03:35:56E, 0.03, h12km, 4km, Error ellipse: s-maj=5.7km s-min=4.1km az=11.1

CSEM 25 11:42:27.0, 37:55N:35:57E, h15km, MD2.7, Error ellipse: s-maj=4.2km s-min=3.2km az=18.0

DDA 25 11:42:27.4, 37:53N:35:55E, h13km, Md2.7

ISC 25 11:42:27.3-0.9, 37:55N:0:03:35:56E, 0.02, h13km, 6km, n26, c0542/1, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKO, AKO, AKO, etc.

JMA 25 11:44:14.1-0.3, 37:71N:144:26E, h41km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JJO, JJO, OFUJ, etc.

CSEM 25 11:51:11.6, 50:41N:5:15E, h5km, ML2.0, Mining explosion, Belgium

UCC 25 11:51:11.6, 50:41N:5:15E, h5km, ML2.0, Mining explosion, Belgium

25x12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BGES Geves, BCLA Clavier, RCHB Rochefort, etc.

ISCJB 25 11:59:52.41.0, 15.11N.0.1:42.12E.0.07, h10km, mb3.8/5, Error ellipse: s-maj=18.8km s-min=9.8km az=174.2

ISC 25 11:59:53.6.2.5, 15.22N.42.03E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.6/4.5, mbtmp3.8/5, Error ellipse: s-maj=59.2km s-min=29.3km az=165.0

ISC 25 11:59:54.41.0, 15.22N.42.12E.0.09, h10km, n7, r185/9, mb3.8/5, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include HAJJ Hajjah, UDYN Al Udayn, BRTR Keskin Array B, etc.

NIED 25 12:03:00.35.90N.140.60E, h38km, Mw4.0, Best double couple: M=1.02000e-10, N1=217.00000, S=3.90000e-07, A=3.00000e-07, NP2=125.00000, S=888.00000e-07, A=129.00000e-07

ISC 25 12:03:44.1.0.8, 35.66N.140.70E, h0km, mb3.8/8, mb1 4.0/10, mb1mx3.8/4.5, mbtmp3.8/10, ML3.6/2, Error ellipse: s-maj=24.6km s-min=15.5km az=96.0

ISCJB 25 12:03:47.7.0.6, 35.84N.0.140.48E.0.06, h31km, 5km, mb3.7/8, Error ellipse: s-maj=9.2km s-min=5.6km az=141.7

JMA 25 12:03:48.0.35.87N.140.48E, h34km, 1km, M3.6, Broadband fault plane solution: P waves. NP1: 0.72.00000, 853.00000, 111.00000. NP2: 0.72.00000, 842.00000, 14.00000. Principal axes: T P1g72.00000, Azm38.00000, N P1g17.00000, Azm239.00000, P P1g6.00000, Azm147.00000

JMA Felt II J1, ISC 25 12:03:48.1.1.1, 35.83N.0.140.48E.0.05, h25km, 9km, n25, r1567/24, mb3.8/8, SD, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CHOJ Chosi, JYT Yasato, JHO Hitachi, etc.

ISCJB 25 12:04:56.5.0.6, 38.12N.0.03:32.60E.0.06, h12km, Error ellipse: s-maj=7.0km s-min=3.9km az=31.1

ISC 25 12:04:56.5.0.1, 38.11N.32.61E, h6km, ML2.4, Error ellipse: s-maj=3.2km s-min=2.1km az=119.0

DDA 25 12:04:57.5.38.12N.32.35E, h7km, Md2.6, ISC 25 12:04:56.8.1.1, 38.11N.0.03:32.60E.0.03, h12km, n23, r0542/31, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LADK Ladik-KONYA, LADK Ladik-KONYA, LADK Konya-Tatoy, etc.

2011 AUG

Table with columns: KULLU Kulu, KULLU Kulu, KKUL Konya-Kulu, etc.

DDA 25 12:19:05.5, 35.62N.29.32E, h8km, M13.9, ISCJB 25 12:19:07.5.0.7, 35.75N.0.02:29.46E.0.02, h5km, 4km, mb4.1/19, MS3.2/1, Error ellipse: s-maj=4.1km s-min=2.7km az=84.4

ISK 25 12:19:07.8, 35.78N.29.38E, h6km, ML3.9, ATH 25 12:19:07.8, 35.93N.29.70E, h32km, 2km, ML3.7/4, Error ellipse: s-maj=5.3km s-min=0.7km az=61.0

THE 25 12:19:08.4, 35.87N.29.71E, h6km, 4km, ML3.8/4, Error ellipse: s-maj=6.0km s-min=0.7km az=79.0

CSEM 25 12:19:09.6.0.1, 35.82N.29.43E, h10km, mb4.2/13, Error ellipse: s-maj=4.1km s-min=2.8km az=5.0

MOS 25 12:19:09.1.1.4, 35.70N.29.45E, h29km, mb4.2/14, Error ellipse: s-maj=10.3km s-min=5.8km az=86.5

NIC 25 12:19.10.9.0.2, 35.73N.29.60E, h2km, mb4.0, ML3.6, ISC 25 12:19.12.0.3.7, 35.84N.29.48E, h30km, 29km, mb4.0/13, mb1 4.0/24, mb1mx3.9/4.5, mbtmp4.0/24, ML3.8/11, MS3.4/2, mb1 3.4/24, ms1mx2.7/5.0, Error ellipse: s-maj=15.9km s-min=12.1km az=84.4

ISC 25 12:19:57.5.1.2, 35.81N.0.03:29.59E.0.02, h1km, 8km, n235, r159/248, mb4.2/19, 1C-ID, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AKAS Kas, AKAS Kas, FETY Fethiye, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ARG Arkhangelos, ARG Arkhangelos, DALY Dalyan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KORT Korkuelli, KORT Korkuelli, ANTB Antalya, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ALFC Alefka, ALFC Alefka, HDMB Hadim, etc.

1318

Table with columns: CSS Mathiatis, CSS Mathiatis, CSS Geves, etc.

DDA 25 12:19:05.5, 35.62N.29.32E, h8km, M13.9, ISCJB 25 12:19:07.5.0.7, 35.75N.0.02:29.46E.0.02, h5km, 4km, mb4.1/19, MS3.2/1, Error ellipse: s-maj=4.1km s-min=2.7km az=84.4

ISK 25 12:19:07.8, 35.78N.29.38E, h6km, ML3.9, ATH 25 12:19:07.8, 35.93N.29.70E, h32km, 2km, ML3.7/4, Error ellipse: s-maj=5.3km s-min=0.7km az=61.0

THE 25 12:19:08.4, 35.87N.29.71E, h6km, 4km, ML3.8/4, Error ellipse: s-maj=6.0km s-min=0.7km az=79.0

CSEM 25 12:19:09.6.0.1, 35.82N.29.43E, h10km, mb4.2/13, Error ellipse: s-maj=4.1km s-min=2.8km az=5.0

MOS 25 12:19:09.1.1.4, 35.70N.29.45E, h29km, mb4.2/14, Error ellipse: s-maj=10.3km s-min=5.8km az=86.5

NIC 25 12:19.10.9.0.2, 35.73N.29.60E, h2km, mb4.0, ML3.6, ISC 25 12:19.12.0.3.7, 35.84N.29.48E, h30km, 29km, mb4.0/13, mb1 4.0/24, mb1mx3.9/4.5, mbtmp4.0/24, ML3.8/11, MS3.4/2, mb1 3.4/24, ms1mx2.7/5.0, Error ellipse: s-maj=15.9km s-min=12.1km az=84.4

ISC 25 12:19:57.5.1.2, 35.81N.0.03:29.59E.0.02, h1km, 8km, n235, r159/248, mb4.2/19, 1C-ID, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KSL Kastellorizon, KSL Kastellorizon, AKAS Kas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DALY Dalyan, DALY Dalyan, DALY Dalyan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KORT Korkuelli, KORT Korkuelli, ANTB Antalya, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ALFC Alefka, ALFC Alefka, HDMB Hadim, etc.

Table with columns: Call sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like SMKR Semkarok, Zelenaya, Bering, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other parameters. Includes stations like IPOC Station P, Antofagasta, etc.

Table with columns: Call sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like KRER Koryakskii, SMAR Somma, etc.

1325

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like HIZ Haiti, MXZ Mataka Point, URZ Urewera, etc.

2011 AUG

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SBA Scott Base, SBA SBA, KSM Kuching, etc.

25d 15h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SVW2 Sparrevohn, HOM Homer, CNPM China Pool, etc.

25d 15h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BELO Belle Mtn, K05A Summer Lake, MOD Moods, etc.

2011 AUG

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like INK Inuvik, INK Inuvik, IMW Indian Meadow, etc.

1326

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KEST Kesra, KEST Kesra, ESDC Sonceca Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like JMA 25:15:27.28.0.1, JIO Ouri, JIO Ouri, etc.

Text block containing technical details and coordinates: IDC 25 15:31:07.1±0.7, 18:80S×167:61E, h0km, mb4.3/15, mb1 4.5/16, mb1mx4.3/31, mbtmp4.3/16, ML3.8/1, MS4.0/13, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like DZM Mont Dumazac, DZM Mont Dumazac, DZM Mont Dumazac, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Rows include MOTA Moosalm, RETA Reutte, WLF Waferdange, etc.

PRU 25 15:33:54.7, 50:29N:18.77E, h0km, Poland

Table with columns: Code, Station Name, Az, Phase, Time, Res. Rows include OKC Ostrava-Krasne, OJC Ojcow, LANS Liptovska Anna, etc.

ISCJB 25 15:50:47.0, 0.5, 50.21N, 0.02, 12.51E, 0.04, h12km, 6km, Error ellipse: s-maj=3.9km s-min=3.6km az=163.4

CSEM 25 15:50:47.7, 0.1, 50.21N, 12.49E, h10km, ML2.9/6, Error ellipse: s-maj=1.6km s-min=1.3km az=43.0

PRU 25 15:50:48.6, 50.24N, 12.50E, h2km, West Bohemia Swarm

BGR 25 15:50:48.0, 0.3, 50.23N, 12.43E, h10km, 1km, ML2.0/6, Error ellipse: s-maj=2.2km s-min=2.2km az=99.0

ISC 25 15:50:47.8, 0.8, 50.22N, 0.02, 12.48E, 0.02, h10km, 4km, n47, c048/75, 5D, Germany

Large table with columns: Code, Station Name, Az, Phase, Time, Res. Rows include NKCC Novy Kostel, WERN Wernitzgruen, ROHR Rohrbach, etc.

λ, 148.0000°; NP2: 208.0000°; δ74.0000°; λ62.0000°. JMA 25 16:02:11.4, 0.9, 47.18N, 152.87E, h30km, M5.7

Kuril Islands

Table with columns: Code, Station Name, Az, Phase, Time, Res. Rows include KUR Kuril'sk, SKR Severo-Kuril'sk, YUK Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res. Rows include TYV Tymovskoe, JAR Ashorobuto, JOB Onobets, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Yakutsk, Korea Array, Wajuk Island, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Baotou, Wajuk Island, Talya, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Sheep Creek Mo, Sheep Creek Mo, HDA, etc.

25d 16h

Table with columns: ID, Name, Comp, Z, SNR, P, E, M, S, L, R, and values. Includes entries like EYMN Ely, H33A Prehn Over Nor, KIV Kislovodsk, etc.

2011 AUG

Table with columns: ID, Name, Comp, Z, SNR, P, E, M, S, L, R, and values. Includes entries like Y22D IRIS PASSCALI, PALK Pallekele, BNM Ben Site, etc.

1332

Table with columns: ID, Name, Comp, Z, SNR, P, E, M, S, L, R, and values. Includes entries like R35A Emporia Municipi, O38A Gal, UZH Uzhgorod, etc.

Table with columns for call sign, name, frequency, power, mode, and other details. Includes entries like WMOK, HOQ, ASHO, VYHS, NYZH, etc.

Table with columns for call sign, name, frequency, power, mode, and other details. Includes entries like P44A, U39A, ANTO, Y35A, BR21, etc.

Table with columns for call sign, name, frequency, power, mode, and other details. Includes entries like W41B, OBKA, Z38A, USIN, PARMO, etc.

25d 16h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SSPA Standing Stone, MCWV Mont Chart, 056A Blue Hub, etc.

2011 AUG

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LBTB Lobatse, LBTB Lobatse, LPAZ La Paz, etc.

1334

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HHC comp=N,130nm,14.9s, CHGN Chignik, LZHZ Lanzhou, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BKZ Black Stump Fm, KHZ Kahutara, FOZ Fox Glacier, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AKASG Malin Array B, GERES GERESE Array B, SOKA comp=Z,7.8nm,7.9s, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ANTB Antalya, ANTB Antalya, ANTB Antalya, etc.

25d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

ADC 25 16:55:30.75, 2.19, 151.5N, 145.28E, h245km, 51km, mb3.3/1.1, mb1 3.4/1.2, mb1mx3.2/5.4, mbtmp3.9/1.2, MS3.6/1, Ms1 3.8/1, ms1mx2.8/1.6, Error ellipse: s-maj=28.3km s-min=12.5km az=87.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like MJAR Matsushiro Arr, KSRs Kora Arr, WRA Warramunga Arr, etc.

ADC 25 17:14:34.2, 2.2, 18.51S, 167.64E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/2.5, mbtmp3.7/5, ML3.2/1, Error ellipse: s-maj=61.4km s-min=34.2km az=127.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, etc.

ADC 25 17:28:58.0, 14.0, 7.75S, 129.63E, h128km, 109km, mb3.7/1.1, mb1 3.9/3, mb1mx3.3/2.0, mbtmp4.2/3, ML4.1/2, Error ellipse: s-maj=105.8km s-min=95.6km az=88.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like MTN Manton Dam, KDU Kakadu, KNRA Kununurra, etc.

ISCJB 25 17:36:40.5, 0.5, 24.00N, 0.04, 122.65E, 0.02, h22km, 5km, Error ellipse: s-maj=6.5km s-min=2.8km az=170.5, JMA 25 17:36:40.3, 0.2, 24.08N, 122.58E, h25km, M1.8, TAP 25 17:36:40.9, 24.04N, 122.62E, h24km, 1km, ML2.6, C

ISC 25 17:36:40.5, 1.3, 24.02N, 0.04, 122.62E, 0.02, h2km, 5km, n26, c079/51, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like JYNG Yonagunijimaku, ENA Nanau, TWC Suao, etc.

2011 AUG

Table with columns: SMLT, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like baz=264, YTC Yuch, JISG Ishigakijimahi, etc.

ADC 25 17:54:59.0, 2.0, 18.66S, 167.99E, h0km, mb3.9/5, mb1 4.1/6, mb1mx3.8/3.3, mbtmp4.0/6, ML3.7/1, Error ellipse: s-maj=60.6km s-min=28.4km az=127.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like DZM Mont Dzumac, CTA Charters Tower, STKA Stephens Creek, etc.

ADC 25 17:56:06.1, 1.9, 18.60S, 167.90E, h0km, mb4.0/8, mb1 4.2/9, mb1mx3.9/3.1, mbtmp4.0/9, ML3.9/1, MS3.6/5, Ms1 3.6/5, ms1mx3.1/3.5, Error ellipse: s-maj=51.8km s-min=23.4km az=126.0, ISCJB 25 17:56:08.6, 1.3, 18.72S, 0.08, 167.9E, 0.2, h29km, mb4.0/7, MS3.4/5, Error ellipse: s-maj=51.2km s-min=10.2km az=170.5, NEIC 25 17:56:10.8, 1.2, 18.70S, 167.98E, h35km, mb4.7/1, Error ellipse: s-maj=28.5km s-min=15.6km az=116.0, ISC 25 17:56:10.2, 1.6, 18.7S, 0.1, 167.9E, 0.3, h29km, n13, c123/9, mb4.0/7, MS3.5/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like DZM Mont Dzumac, AFI Afiamalu, CTA Charters Tower, etc.

ISCJB 25 18:05:51.6, 0.9, 71.55N, 0.1, 11.0W, 0.2, h10km, Error ellipse: s-maj=17.0km s-min=6.1km az=24.8, BER 25 18:05:51.7, 0.3, 71.60N, 10.54W, h18km, 999km, ML2.6, ISC 25 18:05:50.9, 1.3, 71.52N, 0.07, 10.68W, 0.06, h10km, n6, c250/10, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like JMI Jan Mayen, JMW Jan Mayen West, JMC Jan Mayen, etc.

ISCJB 25 18:08:54.0, 2.0, 6.05N, 0.1, 29.0W, 0.1, h10km, mb4.2/10, MS3.6/8, Error ellipse: s-maj=26.5km s-min=9.1km az=141.7, IDC 25 18:08:56.9, 1.6, 0.75N, 28.81W, h0km, mb4.0/8, mb1 4.1/9, mb1mx3.8/4.5, mbtmp4.0/9, ML4.1/1, MS3.6/10, Ms1 3.6/10, ms1mx3.3/3.8, Error ellipse: s-maj=46.0km s-min=31.7km az=48.0, ISC 25 18:08:57.4, 0.8, 0.6N, 0.2, 28.8W, 0.2, h10km, n27, c158/13, mb4.3/10, MS3.7/8, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like RCBR Riachuelo, RCBR Riachuelo, H10N3 ASCENSION HYDR16.58 121 T, etc.

1336

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like H10S2 ASCENSION HYDR17.04 124 T, BBTS Babate, LIC Lamto, etc.

ISCJB 25 18:16:44.1, 1.4, 84.55N, 0.1, 1.1, h10km, mb3.4/3, MS3.1/4, Error ellipse: s-maj=22.3km s-min=10.9km az=144.1, IDC 25 18:16:45.7, 2.2, 84.96N, 9.21E, h0km, mb3.6/3, mb1 3.7/5, mb1mx3.3/5.0, mbtmp3.6/5, ML3.3/2, MS3.1/7, Ms1 3.1/7, ms1mx2.9/3.6, Error ellipse: s-maj=152.9km s-min=21.3km az=68.0, ISC 25 18:16:46.6, 1.7, 84.6N, 0.1, 5.3E, 0.2, h10km, n10, c292/8, mb3.6/3, MS3.1/4, North of Svalbard

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like SPITS Spitsbergen Arr, DAG Danmarks Havn, SMC Summit, etc.

NEIC 25 18:17:35.5, 36.58N, 121.17W, h7km, MW3.2(BRK), After NEIC, NEIC Fellini at Soledad. Also felt at Hollister and Salinas. ISC 25 18:17:34.6, 1.5, 36.60N, 0.05, 121.21W, 0.05, h7km, n12km, n18, c137/27, Central California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like SAO San Andreas Ge, CMB Columbia Cole, RCTC Rector, Farmer, etc.

IDC 25 18:21:31.3, 0.6, 18.55S, 167.47E, h0km, mb4.5/20, mb1 4.8/21, mb1mx3.5/3.5, mbtmp4.3/5.2, ML3.7/1, MS3.9/18, Ms1 3.9/18, ms1mx3.8/2.6, Error ellipse: s-maj=19.0km s-min=14.2km az=110.0, BUJ 25 18:21:35.5, 18.70S, 167.30E, h43km, mb5.0/50, MB5.0/35, MS5.0/20, MS5.7, 4.8/12, ISCJB 25 18:21:35.3, 0.1, 18.56S, 0.04, 167.37E, 0.3, h35km, MS5.1/17, MS4.0/25, Error ellipse: s-maj=5.6km s-min=4.1km az=156.3, MOS 25 18:21:35.6, 1.0, 18.53S, 167.32E, h33km, mb5.4/29, MS4.0/4, Error ellipse: s-maj=9.9km s-min=9.4km az=173.0, GCMT 25 18:21:36.7, 0.2, 18.59S, 167.30E, h12km, MW4.9/88, Moment Tensor Solution: s29c31, s88c121, Duration: 0, Moment tensor: Scale 10^19Nm, Mr=2.55; 07; Mw=0.40; 07; Mw=2.16; 06; Mw=1.27; 26; Mw=0.37; 06; Mw=1.55; 23; Best double couple: M=3.10200x10^16

NP1>=152.00000°; <=65.00000°; λ-102.00000°; NP2: <=359.00000°; <=28.00000°; λ-66.00000°. Principal axes: T 2.8530, P19.0000°, Azm251.0000°, N 0.5050, P111.0000°, Azm157.0000°, P -3.3520, P168.0000°, Azm40.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
 NEIC 25 18:21:36.70.1, 18:58Sx167.31E, mb5.3/95 Error ellipse: s-maj=5.0km s-min=3.8km az=155.0
 NEIC Felt at Isangel.
 ISC 25 18:21:35.8-0.3, 18:58Sx0.05x167.36E±0.05, h28km±2km, h28km±2km, P-P, n369, o1941/399, mb5.2/117, MS.0/25, 8C-3D, Vanuatu Islands

Code	Station Name	A°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
DZM	Mont Dzumac	3.51	194	Pn			18 22 27.2	-1.5
DZM	Mont Dzumac	3.51	194	Pn			18 23 07.2	-2.2
DZM	Mont Dzumac	3.51	194	ePn			18 22 26.0	-2.7
DZM	Mont Dzumac	3.51	194	eSn			18 23 04.5	-4.9
DZM	Mont Dzumac	3.51	194	ePn			18 22 26.1	-2.5
MSVF	Nonsavu	10.21	87	eP			18 24 02.0	+1.3
MSVF	Nonsavu	10.21	87	eP			18 24 01.9	+1.3
EIDS	Eidsvold	16.50	243	eP			18 25 31.7	+3.9
EIDS	Eidsvold	16.50	243	ePn			18 25 22.6	-2.8
EIDS	Raoul Island	17.09	131	LR			18 25 38.7	
RAO	Raoul Island	17.09	131	P			18 30 23.8	
RAO	Raoul Island	17.09	131	P			18 25 34.5	+0.2
RAO	Raoul Island	17.09	131	P			18 25 34.5	+0.2
Ouz	Ouhahutu	17.41	163	ePn			18 25 37.2	+0.5
ARMA	Armidale	18.47	228	P			18 25 55.5	+5.5
ARMA	Armidale	18.47	228	eP			18 25 47.7	-2.0
ARMA	Roma	18.85	242	P			18 26 04.4	
RMQ	Charters Tower	19.96	262	P			18 25 58.3	+3.8
CTA	Charters Tower	19.96	262	P			18 26 06.9	+0.9
CTAO	Charters Tower	19.96	262	eP			18 26 03.7	-2.3
CTAO	Afiama	20.57	80	LR			18 26 03.7	-2.3
AFI	Afiama	20.57	80	LR			18 26 18.4	
URZ	Urewera	21.31	158	eP			18 33 01.2	
URZ	Urewera	21.31	158	eP			18 26 20.6	+0.1
PMG	Port Moresby	21.62	292	P			18 26 20.7	+0.2
PMG	Port Moresby	21.62	292	P			18 26 24.3	+0.4
MKSU	Mount Surprise	21.87	268	P			18 26 29.2	+2.6
BTS	Black Stump Fm	21.93	161	eP			18 26 28.2	+1.1
QLP	Quilpie	22.73	246	P			18 26 38.1	+2.3
CNB	Canberra Magne	23.02	220	P			18 26 47.4	+8.6
CNSA	Cobar Meteorol	23.39	233	P			18 26 44.8	+2.4
COEN	Coen	23.66	278	P			18 26 47.6	+2.3
COEN	Coen	23.66	278	eP			18 26 46.3	+1.1
COEN	Lake Taylor	24.12	171	eP			18 26 55.7	
LTZ	Lake Taylor	24.12	171	eP			18 26 52.4	+0.3
FOZ	Fox Glacier	24.89	176	eP			18 26 56.5	+0.2
OXZ	Oxford	24.92	172	eP			18 26 57.7	+1.1
RPZ	Rata Peaks	25.18	174	LR			18 35 41.3	
QIS	Mount Isa	26.20	261	P			18 27 09.8	+1.4
ODZ	Odahua Downs	26.26	175	eP			18 27 11.2	+0.7
STKA	Stevens Creek	26.68	235	P			18 27 14.0	+1.4
STKA	Stevens Creek	26.68	235	P			18 37 25.0	
STKA	Stevens Creek	26.68	235	P			18 27 15.6	+2.9
STKA	Stevens Creek	26.68	235	eP			18 27 14.2	+1.5
STKA	Stevens Creek	26.68	235	eP			18 27 14.2	+1.5
STKA	Stevens Creek	26.68	235	eP			18 27 14.2	+1.5
STKA	Stevens Creek	26.68	235	eP			18 27 14.2	+1.5
TOO	Toolangi	26.85	221	P			18 27 19.1	+4.9
JAY	Jayapura	30.63	298	LR			18 39 33.8	
RAR	Rarotonga	30.98	100	LR			18 37 36.5	
WB2	Warramunga Arr	31.15	262	eP			18 27 51.7	-0.9
WRAB	Tennant Creek	31.15	262	eP			18 27 52.1	-0.5
WRAB	Tennant Creek	31.15	262	eP			18 27 52.1	-0.5
WRAB	Tennant Creek	31.15	262	eP			18 27 52.1	-0.5
WRAB	Tennant Creek	31.15	262	eP			18 27 52.1	-0.5
WRAB	Tennant Creek	31.15	262	eP			18 27 52.1	-0.5
WRAB	Tennant Creek	31.15	262	eP			18 27 52.1	-0.5
WRA	Warramunga Arr	31.15	262	P			18 27 52.0	-0.6
WRA	Warramunga Arr	31.15	262	P			18 27 52.0	-0.6
BBOO	Bucklebo	31.39	237	eP			18 27 56.9	+2.4
BBOO	Bucklebo	31.39	237	eP			18 27 54.1	-0.4
BBOO	Bucklebo	31.39	237	eP			18 28 04.0	
AS01	Alice Springs	31.50	255	eP			18 27 55.8	+0.1
AS31	Alice Springs	31.55	255	eP			18 27 56.1	+0.1
ASAR	Alice Springs	31.55	255	P			18 27 56.2	+0.2
ASAR	Alice Springs	31.55	255	P			18 27 56.2	+0.2
WRKA	Warrakurna	36.71	253	P			18 28 41.6	+0.7
KNRA	Kununurra	36.95	269	P			18 28 43.2	+0.3
FORT	Forrest	37.50	244	P			18 28 48.6	+1.2
FORT	Forrest	37.50	244	eP			18 28 48.0	+0.5
FORT	Forrest	37.50	244	eP			18 28 58.5	
GUMO	Guam	38.95	324	LR			18 42 14.0	
FITZ	Fitzroy Crossi	39.53	264	P			18 29 05.2	+0.6
FITZ	Fitzroy Crossi	39.53	264	P			18 44 49.1	
FITZ	Fitzroy Crossi	39.53	264	P			18 29 05.7	+1.1
FITZ	Fitzroy Crossi	39.53	264	eP			18 29 05.5	+0.9
FITZ	Fitzroy Crossi	39.53	264	eP			18 29 15.1	
XMAS	Kiritimati	40.27	63	eP			18 29 22.0	+2.9
TBI	Tuvalu	40.48	104	eLR			18 40 20.9	
PPT2	Papeete2	40.88	96	eS			18 35 28.5	+2.6
PPT2	Papeete2	40.88	96	eLR			18 40 33.1	
PPT	Papeete	40.88	96	LR			18 42 23.4	
SOEI	Soe	42.60	276	eP			18 29 30.8	+0.7

MBWA	Marble Bar	44.72	258	eP			18 29 47.6	+0.7
MEEK	Meekeatharra	45.46	251	P			18 29 54.0	+1.2
KLBR	Kellerberrin	46.36	244	P			18 30 04.0	+0.6
NWAO	Narrogin (SRO)	46.90	242	P			18 30 04.5	+0.5
NWAO	Narrogin (SRO)	46.90	242	P			18 30 05.0	+0.9
NWAO	Narrogin (SRO)	46.90	242	eP			18 30 05.0	+0.9
NWAO	Narrogin (SRO)	46.90	242	eP			18 30 04.5	+0.5
NWAO	Narrogin (SRO)	46.90	242	eP			18 30 04.5	+0.5
BLDU	Ballidu	47.20	245	P			18 30 07.0	+0.5
MUN	Mundaring	47.20	243	P			18 30 11.1	+0.8
MORW	Morawa	47.74	247	P			18 30 11.7	+1.1
TAOE	Nuku Hiva Isla	51.75	87	eLR			18 45 34.2	
TAOE	Nuku Hiva Isla	51.75	87	eP			18 30 50.9	+0.9
OP	Opas	52.50	42	eP			18 30 59.1	+3.9
RKT	Rikitea	53.78	105	eP			18 46 24.3	
KKM	Kota Kinabalu	56.06	291	eP			18 31 10.7	-2.2
CISI	Cisompet, Garu	58.80	272	eP			18 31 31.0	-1.3
VNDA	Vanda	58.97	181	P			18 31 32.3	-0.1
VNDA	Vanda	58.97	181	P			18 53 10.0	
YOJ	Yonaguni jima	60.85	313	eP			18 31 45.1	-0.9
YOJ	Yonaguni jima	60.85	313	eP			18 31 45.1	-0.9
YOJ	Yonaguni jima	60.85	313	eP			18 31 45.1	-0.9
MJAR	Matsushiro Arr	61.41	333	P			18 31 48.4	-1.3
MAJO	Matsushiro	61.42	333	eP			18 31 49.3	-0.4
MAJO	Matsushiro	61.42	333	eP			18 31 47.9	-1.8
MAJO	Matsushiro	61.42	333	eP			18 31 48.1	-1.6
MAT	Matsushiro	61.42	333	eS			18 30 05.4	-3.6
MJB9	Matsu-Tunnel	61.42	333	eP			18 31 47.5	-2.2
NACB	Ninganchiao	61.66	312	eP			18 31 49.5	-2.0
YHNB	Yeheng	62.13	312	eP			18 31 53.7	-1.0
JNU	Nakatsue	62.16	326	eP			18 31 54.1	-0.7
KSRS	Korea Array	67.03	327	P			18 32 26.1	-0.2
KSAR	Wonju Array Be	67.04	327	P			18 32 26.2	-0.3
KSAR	Wonju Array Be	67.04	327	P			18 32 26.1	-0.3
KS01	Wonju Array Si	67.06	327	eP			18 32 25.7	-0.9
QIZ	Qiongzhang	67.74	300	P			18 32 31.5	+0.2
QIZ	Qiongzhang	67.74	300	P			18 41 24.5	-3.2
NJ2	Nanjing	68.55	317	eP			18 32 36.5	+0.4
NJ2	Nanjing	68.55	317	eP			18 32 36.5	+0.4
YSS	Yuzh-Sakhalins	68.96	342	iP			18 32 39.0	+0.7
YSS	Yuzh-Sakhalins	68.96	342	iP			18 32 49.4	
YSS	Yuzh-Sakhalins	68.96	342	iP			18 32 39.2	+0.9
USRK	Ussuriysk Arr	70.41	334	P			18 32 47.8	+0.5
PSI	Prapat	70.57	310	eP			18 32 58.4	+0.4
WHN	Wuhan	70.64	283	iP			18 32 49.5	+0.5
WHN	Wuhan	70.64	283	iP			18 33 00.0	-1.1
GS1	Gunungsitoli	71.31	278	eP			18 33 04.7	+2.4
DL2	Dalian	71.48	324	P			18 32 54.3	+0.3
DL2	Dalian	71.48	324	P			18 32 54.3	+0.3
PEAO	Petrovavlovsk-	71.94	354	eP			18 32 55.1	-0.4
PETK	Petrovavlovsk-	71.94	354	eP			18 32 55.8	-0.7
PETK	Petrovavlovsk-	71.94	354	eP			18 58 31.3	
HABR	Khabarovsk	72.78	338	eP			18 33 00.8	-0.7
HABR	Khabarovsk	72.78	338	eP				

25d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like WERN, ROHR, GUNZ, MUL, etc.

MEX 25 20:50:44.8±0.3, 16.91N×100.18W, h15km±24km, MD3.6, Near coast of Guerrero

2011 AUG

Table with columns: TLIG, Tlapa, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like TRY, ACN, NCB, etc.

MEX 25 21:17:16.1±0.9, 17.50N×101.92W, h6km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like SWMT, JTIM, YBMT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like WALA, HRY, HRY, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like NKC, NKC, NKC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like GUNZ, GUNZ, GUNZ, etc.

1340

ISCJB 25 21:55:57.6±0.6, 50.23N±0.02±12.49E±0.05, h12km±5km, Error ellipse: s-maj=5.0km s-min=3.5km az=173.9

CSEM 25 21:55:58.3±0.0, 50.23N±12.47E±h10km, ML2.1, Error ellipse: s-maj=0.9km s-min=0.7km az=92.0

BGR 25 21:55:58.3±0.0, 50.24N±12.44E±h10km, ML2.1/6, Error ellipse: s-maj=3.3km s-min=2.2km az=98.0

PRU 25 21:55:59.0, 50.26N±12.53E±h0km, West Bohemia Swam

CLL 25 21:55:59.1±0.3, 50.24N±0.8±1.2E±, h7km±1km, ml2.0

ISC 25 21:55:58.4±0.9, 50.23N±0.02±12.45E±0.03, h9km±4km, n47,±0.17/80,3D, Germany

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLFH, MOX, Moxa, Freiberg, etc.

CSEM 25 21:56:10.8:0.0, 50'23N:12'45E, h10km, ML2.1, Error ellipse: s-maj=0.9km, s-min=0.7km, az=76.0

BGR 25 21:56:10.7:0.0, 50'23N:12'43E, h11km, 1km, ML2.1/6, 2C, Error ellipse: s-maj=3.3km, s-min=2.2km, az=102.0

Main station list table for Germany section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

ISCJB 25 21:57:59.1:0.0, 6.81N:0.08:27'4W:0.1, h15km, mb4.1/16, MS3.8/20, Error ellipse: s-maj=16.8km, s-min=10.6km

IDC 25 21:57:59.8:0.9, 0.82N:27'20W, h0km, mb4.1/12, mb1.4/3.14, mb1mx3.6/3.5, Error ellipse: s-maj=28.3km, s-min=18.7km, az=133.0

NEIC 25 21:58:00.9:0.5, 0.82N:27'24W, h10km, mb4.4/5, Error ellipse: s-maj=13.5km, s-min=8.8km, az=120.0

ISC 25 21:58:01.6:0.0, 0.82N:0.10:27.3W:0.1, h15km, n39, r195/22, mb4.2/16, MS3.8/20, Central Mid-Atlantic Ridge

Main station list table for Eastern Honshu section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

Main station list table for Tsumeb section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

ISCJB 25 21:58:39.6:0.7, 39'11N:0.04:29'02E:0.07, h4km, 6km, Error ellipse: s-maj=10.5km, s-min=4.8km, az=35.6

CSEM 25 21:58:39.7:0.1, 39'12N:29'01E, h5km, MD2.7, Error ellipse: s-maj=4.5km, s-min=2.3km, az=117.0

ISK 25 21:58:39.2, 39'10N:29'06E, h7km, MD2.7, DDA 25 21:58:43.1, 38'96N:28'68E, h7km, MD2.4

ISC 25 21:58:39.2:1.0, 39.07N:0.03:29.04E:0.04, h11km, 7km, n17, r116/27, Turkey

Main station list table for Turkey section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

NIED 25 22:03:00, 37'30N:141'60E, h5km, Mw3.9 Best double couple: M8.65000:1014 NP1:26:216.00000, 842.00000, 7-81.00000, NP2:26:24.00000, 849.00000, 1-98.00000

IDC 25 22:03:33.3:0.8, 37'25N:141'60E, h0km, mb4.0/13, mb1.4/1.19, mb1mx3.9/4.4, mb1mx3.9/19, ML3.1/6, MS3.1/4, MS1.3/1.4, ms1mx3.8/4.3, Error ellipse: s-maj=18.6km, s-min=15.3km, az=114.0

ISCJB 25 22:03:34.3:1.0, 37'24N:0.03:141'62E:0.06, h20km, 6km, mb4.2/22, MS3.0/2, Error ellipse: s-maj=8.4km, s-min=5.1km, az=15.5

JMA 25 22:03:35.0:0.2, 37'26N:141'60E, h20km, 2km, M4.3, NEIC 25 22:03:36.4:2.8, 37'26N:141'58E, h20km, 17km, mb4.4/3, Error ellipse: s-maj=9.7km, s-min=6.5km, az=110.0

MOS 25 22:03:36.8:1.1, 37'29N:141'44E, h33km, mb4.5/16, Error ellipse: s-maj=12.3km, s-min=9.5km, az=120.2

ISC 25 22:03:37.1:6.3, 37.24N:0.04:141'48E:0.06, h12km, 9km, n20, r152/64, mb4.3/22, NC-22, Near east coast of eastern Honshu

Main station list table for Eastern Honshu section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

Main station list table for YAK section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

CMAR 25 22:13:31.6:0.5, 50'22N:0'02:12'51E:0.03, h15km, 5km, Error ellipse: s-maj=3.3km, s-min=3.1km, az=151.1

BGR 25 22:13:32.8:0.2, 50'23N:12'45E, h12km, 1km, ML2.2/6, Error ellipse: s-maj=2.2km, s-min=2.2km, az=105.0

CSEM 25 22:13:32.6:0.1, 50'22N:12'49E, h10km, ML2.9/6, Error ellipse: s-maj=2.0km, s-min=1.7km, az=28.0

PRU 25 22:13:32.8:0.5, 50'23N:12'42E, h9km, West Bohemia Swarm

CLL 25 22:13:33.7:0.3, 50'22N:0.02:12E:1.2E, h7km, 1km, m2.0 ISC 25 22:13:32.6:0.0, 50'23N:0.08:12'47E:0.02, h11km, 3km, n58, r0542/104, 5C, Germany

Main station list table for Novy Kostel section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

ISCJB 25 22:13:31.6:0.5, 50'22N:0'02:12'51E:0.03, h15km, 5km, Error ellipse: s-maj=3.3km, s-min=3.1km, az=151.1

BGR 25 22:13:32.8:0.2, 50'23N:12'45E, h12km, 1km, ML2.2/6, Error ellipse: s-maj=2.2km, s-min=2.2km, az=105.0

CSEM 25 22:13:32.6:0.1, 50'22N:12'49E, h10km, ML2.9/6, Error ellipse: s-maj=2.0km, s-min=1.7km, az=28.0

PRU 25 22:13:32.8:0.5, 50'23N:12'42E, h9km, West Bohemia Swarm

CLL 25 22:13:33.7:0.3, 50'22N:0.02:12E:1.2E, h7km, 1km, m2.0 ISC 25 22:13:32.6:0.0, 50'23N:0.08:12'47E:0.02, h11km, 3km, n58, r0542/104, 5C, Germany

Main station list table for Novy Kostel section, including columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Rows include stations like CLL, WET, PRA, KHC, KHC, PRU, PVCC, DPC, DPC.

ISC/JB 25 22:55:03.0.3.0.5.50.23N.0.02:12.54E.0.03. h11km, 6km, Error ellipse: s-maj=3.6km s-min=3.1km az=139.2

BGR 25 22:55:03.0.3.0.3.50.25N.12.45E. h11km, 1km, ML2.6/5, Error ellipse: s-maj=3.3km s-min=2.2km az=98.0

CSEM 25 22:55:03.1.0.1.50.23N.12.51E. h10km, ML3.2/6, Error ellipse: s-maj=2.1km s-min=1.5km az=28.0

IASPEI 25 22:55:03.2.0.8.50.24N.0.02:12.47E.0.02. h11km, 4km, Error ellipse: s-maj=3.4km s-min=2.6km az=85.6, G75 selection from ISC bulletin G75 identified by Bond jr and McLaughlin (2009) selection criteria Bond jr and McLaughlin. A new ground truth data set for seismic studies, Seism. Res. Let., 80, 465-472, 2009

CLL 25 22:55:04.1.0.3.50.22N.0.08:1.2E. h8km, 1km, ml2.6 PRU 25 22:55:04.1.50.24N.12.51E. h3km, West Bohemia Swarm

ISC 25 22:55:03.0.3.0.8.50.24N.0.02:12.49E.0.02. h11km, 4km, n67, c077/112.6C, Germany

Main table for station 13343, listing codes, station names, and seismic data for stations like Novy Kostel, Wernitzgruen, Muldenberg, etc.

Table for station 2011 AUG, listing codes, station names, and seismic data for stations like PRA, KHC, PRU, PVCC, DPC, KSP, KSP, KSP, etc.

LJU 25 23:04:09.1.46.39N.15.07E. h0km Rockburst, Northwestern Balkan Peninsula

ISC/JB 25 23:04:45.8.0.6.50.23N.0.02:12.52E.0.04. h12km, 6km, Error ellipse: s-maj=4.1km s-min=3.4km az=152.1

CSEM 25 23:04:46.6.0.1.50.23N.12.49E. h8km, ML2.9/6, Error ellipse: s-maj=1.6km s-min=1.4km az=44.0

PRU 25 23:04:46.6.50.19N.12.45E. h4km, West Bohemia Swarm

BGR 25 23:04:46.7.0.3.50.24N.12.44E. h10km, 1km, ML2.1/5, Error ellipse: s-maj=3.3km s-min=2.2km az=93.0

CLL 25 23:04:47.4.0.3.50.22N.0.08:1.2E. h8km, 1km, ml2.2 ISC 25 23:04:46.6.0.8.50.24N.0.02:12.47E.0.02. h9km, 4km, n50, c030/81, C, Germany

Main table for station 2011 AUG, listing codes, station names, and seismic data for stations like Novy Kostel, Wernitzgruen, Muldenberg, etc.

Table for station 25d 23h, listing codes, station names, and seismic data for stations like PRA, KHC, KHC, PRU, PRU, PVCC, PVCC, GOPC, GOPC.

CSEM 25 23:05:40.4.0.1.50.11N.12.42E. h2km, ML3.7/27, Error ellipse: s-maj=2.9km s-min=2.0km az=160.0

BGR 25 23:05:42.0.2.0.50.24N.12.45E. h11km, 1km, ML3.4/6, Error ellipse: s-maj=2.2km s-min=1.1km az=98.0

CLL 25 23:05:42.8.0.3.50.20N.0.8:1.2E. h8km, 1km, ml3.2 IPEC 25 23:05:42.1.0.1.50.23N.12.46E. h10km, ML2.9/8, Error ellipse: s-maj=0.5km s-min=0.4km az=50.0

PRU 25 23:05:43.0.50.25N.12.51E. h1km, West Bohemia Swarm

BNS 25 23:05:43.7.4.0.50.06N.12.50E. h5km, ML3.2 LDG 25 23:05:43.1.0.1.50.26N.12.36E. h10km, ML3.5/17, Error ellipse: s-maj=3.0km s-min=2.0km az=143.0

STR 25 23:05:53.7.0.5.50.48N.12.33E. h10km, ML3.7, Error ellipse: s-maj=0.5km s-min=0.4km az=0.0

ISC 25 23:05:40.6.0.8.50.19N.0.02:12.32E.0.01. h18km, 2km, n157, c1973/262, 1C, Germany

Main table for station 25d 23h, listing codes, station names, and seismic data for stations like Rohrbach, Novy Kostel, Wernitzgruen, Gunzen, etc.

25d 23h

Table of astronomical observations for 25d 23h, listing station names (e.g., Panska Ves, GO Pecny, Uprice), coordinates, and observation times.

2011 AUG

Main table of astronomical observations for 2011 AUG, listing station names (e.g., La Chapelle, StSth, La Plagne), coordinates, and observation times.

1344

Table of astronomical observations for 1344, listing station names (e.g., H1N12 WAKE ISLAND, H1N13 WAKE ISLAND, KSRs), coordinates, and observation times.

Table with columns: KHC, Kasperske Hory, PRU, Pruhonice, etc. Includes station names, coordinates, and time/residual data.

Table with columns: TANN, Tannenbergstha, WERD, Werda, etc. Includes station names, coordinates, and time/residual data.

Table with columns: FBE, Freiberg, WETZ, Wettzell, etc. Includes station names, coordinates, and time/residual data.

GUC 25 23:29:32.5:0.4, 18 20S:69.53W, h145km, 3km, ML3.7, 6C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like IPOC Station P, Minye Minye, etc.

CSEM 25 23:32:55.0, 50.24N, 12.43E, h11km, ML2.0/6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Novy Kostel, Wernitzgruen, etc.

CSEM 25 23:33:21.3:0.1, 50.16N, 12.35E, h2km, ML4.0/37, Error ellipse: s-maj=2.6km s-min=2.1km az=160.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KSP, Ksiaz, MOA, etc.

ISC/JB 25 23:33:00.2:0.5, 50.23N, 0.02:12.48E, 0.05, h13km, 4km, Error ellipse: s-maj=5.3km s-min=3.5km az=13.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Novy Kostel, Wernitzgruen, etc.

CSEM 25 23:33:21.0:0.3, 50.24N, 12.43E, h11km, 1km, ML2.0/6, Error ellipse: s-maj=3.3km s-min=2.2km az=91.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ROHR, Rohrbach, etc.

CSEM 25 23:33:00.9:0.3, 50.24N, 12.44E, h11km, 1km, ML2.1/6, Error ellipse: s-maj=3.3km s-min=2.2km az=91.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CONA, Conrad Observa, etc.

CSEM 25 23:33:00.9:0.3, 50.24N, 12.44E, h11km, 1km, ML2.1/6, Error ellipse: s-maj=3.3km s-min=2.2km az=91.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Novy Kostel, Wernitzgruen, etc.

CSEM 25 23:33:00.9:0.3, 50.24N, 12.46E, h11km, 1km, ML3.5/8, Error ellipse: s-maj=0.5km s-min=0.4km az=45.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MUL, Muldenberg, etc.

CSEM 25 23:33:00.9:0.3, 50.24N, 12.46E, h11km, 1km, ML3.5/8, Error ellipse: s-maj=0.5km s-min=0.4km az=45.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like DAVA, Damuels, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Obertriebel, Plauen, Schoenfels, etc.

IDC 25 23:42:18.7, 2.2, 36.99N; 142.78E, h0km, mb3.7/4, mb1 3.7/6, mb1mx3.4/58, mbtmp3.7/6, ML3.1/2, MS2.6/1, MS1 2.6/1, ms1mx2.2/47, Error ellipse: s-maj=55.6km s-min=27.5km az=63.0

ISCJB 25 23:42:19.5, 0.1, 36.95N; 0.04, 142.58E, 0.09, h10km, mb3.7/6, Error ellipse: s-maj=10.5km s-min=5.5km az=9.8

JMA 25 23:42:20.9, 0.3, 36.97N; 142.69E, h36km, M3.3

ISC 25 23:42:20.9, 1.4, 36.98N; 0.06, 142.6E, 0.1, h10km, n21, c079/25, mb3.7/4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Kawauchi, Hitachi, Marumori, etc.

CSEM 25 23:43:50.8, 0.6, 30.76N; 47.66E, h10km, ML3.0, Error ellipse: s-maj=18.9km s-min=8.6km az=9.0

ISN 25 23:43:51.7, 0.3, 30.93N; 47.51E, h0km, ML3.0

TEH 25 23:43:53.8, 30.90N; 47.74E, h18km, ML3.0, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Nassriya, Pirpir, Komasi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Novy Kostel, Colim, Pruhonice, etc.

IDC 25 23:49:20.1, 1.3, 36.94N; 142.98E, h0km, mb3.7/6, mb1 3.8/9, mb1mx3.5/55, mbtmp3.7/9, ML3.4/3, Error ellipse: s-maj=34.4km s-min=20.0km az=68.0

ISCJB 25 23:49:21.3, 0.7, 36.94N; 0.03, 142.69E, 0.06, h0km, mb3.7/6, Error ellipse: s-maj=6.9km s-min=4.5km az=10.5

JMA 25 23:49:23.9, 0.1, 36.97N; 142.70E, h36km, M3.3

ISC 25 23:49:22.1, 0.1, 36.94N; 0.04, 142.70E, 0.07, h9km, n30, c136/40, mb3.6/6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Kawauchi, Hitachi, Marumori, etc.

ISCJB 25 23:49:30.0, 0.4, 50.21N; 0.02, 12.54E, 0.03, h13km, 5km, Error ellipse: s-maj=3.3km s-min=2.8km az=161.4

VIE 25 23:49:39.3, 0.5, 50.26N; 12.58E, h8km, ML2.6/4, Error ellipse: s-maj=7.6km s-min=2.5km az=49.0

BGR 25 23:49:40.3, 0.2, 50.24N; 12.45E, h11km, 1km, ML2.5/6, Error ellipse: s-maj=2.2km s-min=1.1km az=106.0

CSEM 25 23:49:40.0, 0.1, 50.22N; 12.51E, h10km, ML3.0, 0.9, Error ellipse: s-maj=1.5km s-min=1.2km az=50.0

CLL 25 23:49:41.1, 0.3, 50.21N; 0.7, 12E, h8km, 1km, m2.5

PRU 25 23:49:41.1, 50.26N; 12.53E, h1km, West Bohemia

ISC 25 23:49:40.1, 0.8, 50.23N; 0.02, 12.49E, 0.02, h12km, 4km, n62, c043/112, GC, Germany

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Novy Kostel, Colim, Pruhonice, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WERD Werda, Obertriebel, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WERD Werda, Obertriebel, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WERD Werda, Obertriebel, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WERD Werda, Obertriebel, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WERD Werda, Obertriebel, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WERD Werda, Obertriebel, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WERD Werda, Obertriebel, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WERD Werda, Obertriebel, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WERD Werda, Obertriebel, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WERD Werda, Obertriebel, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SIMA Simav-Kutahya, Gediz, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SIMA Simav-Kutahya, Gediz, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SIMA Simav-Kutahya, Gediz, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SIMA Simav-Kutahya, Gediz, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SIMA Simav-Kutahya, Gediz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Novy Kostel, Wernitzgruen, Muldenberg, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Novy Kostel, Wernitzgruen, Muldenberg, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Novy Kostel, Wernitzgruen, Muldenberg, etc.

ISCJB 26 00:10:33.1±0.5, 50.23N±0.02, 12.55E±0.03, h11km±6km, Error ellipse: s-maj=3.3km s-min=3.0km az=145.8

PRU 26 00:12:00.3, 50.23N±0.02, 12.52E±0.03, h10km, West Bohemia Swarm, Germany

Code Station Name Az Phase ID Time Res. Includes stations like Novy Kostel, Wernitzgruen, Muldenberg, etc.

26d 0h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LANS, MEZF, LOR, SMF, NKC, WERN, ROHR, GUNZ, MUL, PLN, SCHF, ROTZ, MLFH, MOX, GRA, GRF, CLL, WET, BRG, PRA, KHC, PRU, PVCC, GOPC, TREC, UPC, DPC, KRLC, KRALIKY.

ISCJB 26 00:57:53.1±0.5, 50.22N; 02:12:54E±0.03, h13km±6km, Error ellipse: s-maj=3.1km s-min=3.0km az=154.7

CSEM 26 00:57:54.0±0.2, 50.24N; 12:45E, h11km, ML2.3/7, Error ellipse: s-maj=2.1km s-min=1.4km az=23.0

2011 AUG

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NKC, WERN, ROHR, GUNZ, MUL, PLN, SCHF, ROTZ, MLFH, MOX, GRA, GRF, CLL, WET, BRG, PRA, KHC, PRU, PVCC, GOPC, TREC, UPC, DPC, KRLC, KRALIKY.

ISCJB 26 00:58:19.7±0.5, 50.22N; 02:12:54E±0.03, h12km±6km, Error ellipse: s-maj=3.3km s-min=3.0km az=136.8

1354

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NKC, WERN, ROHR, GUNZ, MUL, PLN, SCHF, ROTZ, MLFH, MOX, GRA, GRF, CLL, WET, BRG, PRA, KHC, PRU, PVCC, GOPC, TREC, UPC, DPC, KRLC, KRALIKY.

ISCJB 26 00:59:31.5±2.7, 18.79S; 01:09:168E±0.4, h20km±11, mb3.9/5, MS3.2/1, Error ellipse: s-maj=5.1km s-min=1.2km az=6.8

ISC 26 00:59:35.1±3.2, 18.80S; 01:09:168E±0.4, h20km±11, mb1.3/0.2, ms1mx3.6/38, mbtmpr3.9/7, ML3.5/1, MS3.0/2, MS1.3/0.2, ms1mx2.8/31, Error ellipse: s-maj=6.17km s-min=25.6km az=105.0

26d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like CTA, STKA, WRA, ASAR, MAW, MA2, SONMI, ILAR, WYVOR, TXAR, KBA, MYKA, ABTA, MOTA, SOTA, RETA, FETA, BFO.

CSEM 26 01:30:18.6:0.8,50.229N:12.33E,h8km,ML2.5/10, Error ellipse: s-maj=1.3km s-min=6.6km az=134.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like NKC, COLL, BRG, PRA, KHC, PRU, PVCC, GOPC, MOA, KBA, CONA, ABTA, ARSA.

ISCJB 26 01:38:30.4:0.7,15.99S:0.09:172.3W:0.2,h41km, mb4.1/9,MS3.4/6, Error ellipse: s-maj=24.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like AFI, AFI, AFI, DZM, DZM.

2011 AUG

Table with columns: PPT, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like URZ, STKA, WRA, ASAR, PETK, QSPA, TXAR, PDAR, COLA, ILAR, MAW, ULM, BURAR, MORC, TLB, MLR, DRGR, GERES, VOIR, BRTR, CONA, ARR, GZR, ARSA, BZS, RETA, SOKA, FETA, ABTA.

IASPEI 26 01:40:34.5:0.8,50.224N:0.02:12.49E:0.02,h11km,4km, Error ellipse: s-maj=3.1km s-min=2.6km az=64.3,GT5

BGR 26 01:40:35.0:0.2,50.24N:12.47E,h10km,1km,ML2.3/5, Error ellipse: s-maj=2.2km s-min=1.1km az=107.0

CSEM 26 01:40:34.4:0.1,50.222N:12.51E,h10km,ML2.9/11, Error ellipse: s-maj=2.0km s-min=1.5km az=45.0

PRU 26 01:40:35.5,50.24N:12.54E,h0km,West Bohemia

CLL 26 01:40:35.6:0.3,50.22N:0.8:1.2E,h8km,1km,ml2.2

ISC 26 01:40:34.5:0.8,50.224N:0.02:12.49E:0.02,h12km,3km, n75,+076/127,8C,Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like NKC, NKC, NKC, NKC, WERN, WERN, WERN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like ROHR, ROHR, ROHR, ROHR, ROHR, ROHR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like GUNZ, GUNZ, GUNZ, GUNZ, GUNZ, GUNZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like MUL, MUL, MUL, MUL, MUL, MUL.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like WERD, WERD, WERD, WERD, WERD, WERD.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like TRIB, TRIB, TRIB, TRIB, TRIB, TRIB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like PLN, PLN, PLN, PLN, PLN, PLN.

1356

Table with columns: MOX, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like FBE, FBE, FBE, GRA1, GRA1, GRF, GRF, CLL, CLL, CLL, WET, WET, WET, WET, BRG, BRG, BRG, BRG, PRA, PRA, PRA, KHC, KHC, KHC, KHC, PRU, PRU, PRU, PVCC, PVCC, PVCC, GOPC, GOPC, GOPC, TREC, TREC, TREC, UPC, UPC, UPC, DPC, DPC, DPC, CONA, CONA, CONA, CONA, CONA, KBA, KBA, KBA, FETA, FETA, FETA, FETA, ABTA, ABTA, ABTA, ARSA, ARSA, ARSA, ARSA, LANS, LANS, LANS.

STR 26 01:45:26.4:0.3,50.28N:12.53E,h10km,ML3.3, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

CSEM 26 01:45:26.9:0.1,50.222N:12.48E,h12km,ML3.4/16, Error ellipse: s-maj=2.4km s-min=2.3km az=16.0

BGR 26 01:45:27.6:0.2,50.24N:12.45E,h12km,1km,ML2.9/6, Error ellipse: s-maj=2.2km s-min=1.1km az=101.0

LDG 26 01:45:27.3:0.1,50.23N:12.47E,h10km,ML3.0/15, Error ellipse: s-maj=2.6km s-min=1.8km az=129.0

PRU 26 01:45:28.3,50.25N:12.55E,h0km,West Bohemia

CLL 26 01:45:28.2:0.3,50.22N:0.9:1.2E,h8km,1km,ml2.8

ISC 26 01:45:26.5:0.7,50.22N:0.01:12.43E:0.01,h16km,3km, n131,+175/219,8C,Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like NKC, NKC, NKC, NKC, NKC, NKC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like ROHR, ROHR, ROHR, ROHR, ROHR, ROHR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like GUNZ, GUNZ, GUNZ, GUNZ, GUNZ, GUNZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like MUL, MUL, MUL, MUL, MUL, MUL.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like WERN, WERN, WERN, WERN, WERN, WERN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like TRIB, TRIB, TRIB, TRIB, TRIB, TRIB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WCRD, PLN, SCHF, MOXA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MYKA, SMOL, OKC, FELD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SPX, TJJ, ECNX, etc.

ISCJB 26 01:59:55.1±0.6, 32°23'N, 115°26'W, h15km, 4km, Error ellipse: s-maj=3.7km s-min=3.4km az=32.2

ECX 26 01:59:56.0±0.5, 32°21'N, 115°30'W, h6km, MD3.0, ML3.2 NEIC 26 01:59:56.9, 32°21'N, 115°28'W, h6km, ML2.9(PAS), ML3.0(CEX), After ETC.

MEX 26 01:59:57.6±0.9, 32°22'N, 115°29'W, h10km, 12km, MD3.9 ISC 26 01:59:54.0±1.1, 32°22'N, 115°30'W, h14km, 9km, n47, o=68/70, 4C-6D, California-Baja California border region

IDC 26 02:08:45.9±1.1, 2°84'S, 138°93'E, h0km, mb3.9/3, mb1.4/2.6, mb1mx3.8/2.6, mbtmp4.0/6, ML3.9/3, MS3.2/4, MS1.3/1.4, ms1mx2.9/2.9, Error ellipse: s-maj=22.9km s-min=14.2km az=154.0

ISCJB 26 02:08:50.2±0.7, 2°95'S, 138°89'E, 0.10, h46km, mb3.9/4, MS3.2/2, Error ellipse: s-maj=15.2km s-min=9.4km az=31.2

NEIC 26 02:08:51.0±2.2, 2°87'S, 138°91'E, h36km, 23km, mb4.1/3, Error ellipse: s-maj=23.6km s-min=10.7km az=121.0 ISC 26 02:08:51.8±0.8, 3°02'S, 138°91'E, 0.11, h46km, n15, az=273/15, mb3.9/4, Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAY, COEN, WRAB, WRA, WRA, CTX, FITZ, ASAR, STKA, USRK, PETK, ABKAR, ILAR.

STR 26 02:17:29.4±0.2, 50°24'N, 12°58'E, h10km, ML3.4, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

CSEM 26 02:17:29.9±0.1, 50°21'N, 12°43'E, h10km, ML3.5/20, Error ellipse: s-maj=2.6km s-min=2.4km az=147.0

BGR 26 02:17:30.6±0.2, 50°24'N, 12°45'E, h1km, ML3.1/6, Error ellipse: s-maj=2.2km s-min=1.1km az=102.0 LDG 26 02:17:30.5±0.1, 50°23'N, 12°48'E, h10km, ML3.1/7, Error ellipse: s-maj=2.7km s-min=1.9km az=136.0

CLL 26 02:17:31.2±0.2, 50°24'N, 12°48'E, h8km, ml2.9 PRU 26 02:17:31.4, 50°25'N, 12°54'E, h0km, West Bohemia Swarm

BNS 26 02:17:41.3±0.7, 50°27'N, 12°41'E, h5km, ML2.7 ISC 26 02:17:30.8±0.7, 50°22'N, 12°46'E, 0.01, h13km, 3km, n141, az=14/236, 6C, Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NKC, WERN, ROHR, etc.

26d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TANN Tannenbergsstha, TRIB Obertriebel, WERD Werda, etc.

2011 AUG

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ABTA Abfattersbach, RUP Ruppelstein, ARSA Arzberg, etc.

1358

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRIB Plauen, SCHF Schoenfels, MLFH Mildenfurth, etc.

ISCJB 26 02:18:40.7±1.2, 50°25'N, 0°04'12.48"E, 0.06, h12km, 6km, Error ellipse: s-maj=7.1km s-min=6.4km az=16.2

CLL 26 02:18:41.9±0.3, 50°23'N, 0°08'1.2"E, h8km, 1km, m/2.5 ISC 26 02:18:41.0±0.2, 50°23'N, 0°07'12.46"E, 0.04, h11km, 9km, n13, c#23/26, 1C, Germany

IDC 26 02:26:09.2±3.6, 22°18'N, 143°59'E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.5/30, mbt3.8/4, Error ellipse: s-maj=179.6km s-min=25.2km az=82.0, Volcano Islands region

ISCJB 26 02:32:24.3±0.3, 50°20'N, 0°02'12.53"E, 0.03, h12km, 4km, Error ellipse: s-maj=2.9km s-min=2.5km az=150.3 LDG 26 02:32:25.8±0.1, 50°24'N, 12°46'E, h10km, ML2.8/4, Error ellipse: s-maj=1.6km s-min=1.4km az=132.0 BGR 26 02:32:25.8±0.2, 50°24'N, 12°45'E, h11km, 1km, ML2.6/7, Error ellipse: s-maj=2.2km s-min=1.1km az=102.0 CSEM 26 02:32:25.4±0.1, 50°22'N, 12°48'E, h10km, ML3.0/15, Error ellipse: s-maj=2.4km s-min=2.0km az=51.0 PRU 26 02:32:26.4, 50°25'N, 12°53'E, h1km, West Bohemia Swarm

CLL 26 02:32:26.5±0.3, 50°20'N, 0°08'1.2"E, h8km, 1km, m/2.5 ISC 26 02:32:25.7±0.6, 50°23'N, 0°01'12.44"E, 0.02, h13km, 3km, n81, c#10/144, 6C, Germany

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRG Berggiesshubel, PRA Prague, KHC Kasperske Hory, etc.

ISK 26 02:35:08.5, 37.13N, 37.24E, h5km, ML2.6
CSEM 26 02:35:09.1 to 0.4, 37.09N, 37.22E, h2km, ML2.6, Error ellipse: s-maj=12.5km s-min=6.8km az=16.0

DDA 26 02:35:09.7, 37.16N, 37.25E, h7km, Md2.7
ISCJB 26 02:35:10.1 to 0.7, 37.06N, 0.06, 37.22E, 0.04, h7km, Error ellipse: s-maj=9.3km s-min=4.0km az=13.9

ISC 26 02:35:09.3 to 0.9, 37.10N, 0.04, 37.23E, 0.03, h7km, n19, 4078/27, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GAZ Gaziantep, KUZU Kuzuni, HCB Kahramanmara, etc.

LGD 26 02:36:25.9 to 0.1, 50.23N, 12.47E, h10km, ML2.9/10, Error ellipse: s-maj=2.3km s-min=1.7km az=132.0

STR 26 02:36:25.9 to 0.3, 50.25N, 12.49E, h10km, ML3.2, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

CSEM 26 02:36:25.6 to 0.1, 50.21N, 12.48E, h10km, ML3.3/13, Error ellipse: s-maj=2.9km s-min=2.4km az=5.0

CLL 26 02:36:26.8 to 0.3, 50.2N, 0.8 to 1.2E, h8km, 1km, ml2.8
BGR 26 02:36:26.1 to 0.2, 50.24N, 12.45E, h11km, 1km, ML2.9/6, Error ellipse: s-maj=2.2km s-min=1.1km az=102.0

PRU 26 02:36:26.9 to 0.5, 50.24N, 12.54E, h0km, West Bohemia Swann

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NKC Novy Kostel, KSP Ksiaz, MOA Molln, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NKC Novy Kostel, WERN Wernitzgruen, GUNZ Gunzen, etc.

BRG 26 02:35:08.5, 37.13N, 37.24E, h5km, ML2.6
CSEM 26 02:35:09.1 to 0.4, 37.09N, 37.22E, h2km, ML2.6, Error ellipse: s-maj=12.5km s-min=6.8km az=16.0

DDA 26 02:35:09.7, 37.16N, 37.25E, h7km, Md2.7
ISCJB 26 02:35:10.1 to 0.7, 37.06N, 0.06, 37.22E, 0.04, h7km, Error ellipse: s-maj=9.3km s-min=4.0km az=13.9

ISC 26 02:35:09.3 to 0.9, 37.10N, 0.04, 37.23E, 0.03, h7km, n19, 4078/27, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRG Berggiesshubel, PRA Prague, KHC Kasperske Hory, etc.

LGD 26 02:36:25.9 to 0.1, 50.23N, 12.47E, h10km, ML2.9/10, Error ellipse: s-maj=2.3km s-min=1.7km az=132.0

STR 26 02:36:25.9 to 0.3, 50.25N, 12.49E, h10km, ML3.2, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

CSEM 26 02:36:25.6 to 0.1, 50.21N, 12.48E, h10km, ML3.3/13, Error ellipse: s-maj=2.9km s-min=2.4km az=5.0

CLL 26 02:36:26.8 to 0.3, 50.2N, 0.8 to 1.2E, h8km, 1km, ml2.8
BGR 26 02:36:26.1 to 0.2, 50.24N, 12.45E, h11km, 1km, ML2.9/6, Error ellipse: s-maj=2.2km s-min=1.1km az=102.0

PRU 26 02:36:26.9 to 0.5, 50.24N, 12.54E, h0km, West Bohemia Swann

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NKC Novy Kostel, KSP Ksiaz, MOA Molln, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CONA Conrad Observa, SPAK Paiching-Ko, MORC Moravsky Berou, etc.

ISCJB 26 02:39:06.0 to 0.9, 37.10N, 0.04, 141.00E, 0.06, h5km, 5km, mb3.6/7, MS3.0/1, Error ellipse: s-maj=8.3km s-min=5.6km az=27.8

IDC 26 02:39:06.6 to 1.0, 37.10N, 140.96E, h0km, mb3.6/7, mb1.3/7.8, mb1mx3.6/31, mbmtmp3.6/8, ML3.4/1, MS3.2/1, Ms1.3/2.1, mb1mx2.2/38, Error ellipse: s-maj=27.9km s-min=20.7km az=105.0

JMA 26 02:39:08.0 to 0.3, 37.12N, 140.85E, h6km, 1km, M3.3 JMA Feil JJ.1

ISC 26 02:39:07.8 to 1.3, 37.11N, 0.04, 140.88E, 0.07, h6km, 7km, n22, 0.63/22, mb3.7/7, 3C-1D, Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ONAJ Iwakimizuishiy, JFO Otama, JMM Marumori, etc.

DDA 26 02:42:21.0, 40.16N, 40.45E, h7km, Md2.7
ISK 26 02:42:20.9, 40.06N, 40.49E, h5km, Md2.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ARSA Arzberg, ARSA Steinbach, STB Steinbach, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PLN Plauen, PLN Plauen, PLN Plauen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUNZ Gunzen, GUNZ Gunzen, GUNZ Gunzen, etc.

GUC 26 03:02:22.9:0.4, 21.23Sx68.69W, h128km, 2km, ML3.9
ISCJB 26 03:02:23.0:0.8, 21.26Sx68.71W:0.1, h151km, 8km,
mb4.0/3, Error ellipse: s-maj=19.1km s-min=6.7

MEX 26 03:40:52.8:0.8, 16.13N, 97.69W, h3km, MD3.8, Oaxaca
Code Station Name Az Az' Phase ID Op ISC Time Res h m s ISC

WERN Wernitzgruen 0.07 319 ePg Pg 03 30 08.4 +0.1
WERN Wernitzgruen 0.07 319 sPg Pg 03 30 08.4 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PB09 IPOC Station P, PB01 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BRG Berggiesshubel, BRG Berggiesshubel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BRG Berggiesshubel, BRG Berggiesshubel, etc.

ISCJB 26 03:30:04.6:0.5, 50.22N, 0.02E, 12.52E, 0.03, h14km, 5km,
Error ellipse: s-maj=3.4km s-min=3.0km az=169.0
CSEM 26 03:03:05.6:0.1, 50.23N, 12.49E, h10km, ML2.9/5, Error

GUC 26 03:43:50.5:0.4, 20.24S, 67.46W, h277km, 8km, ML4.2,
Southern Bolivia
Code Station Name Az Az' Phase ID Op ISC Time Res h m s ISC

MOA Molin 2.66 153 Pg Pg 03 47 03.8 -1.2
MOA Molin 2.66 153 Pg Pg 03 47 03.8 -1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NKCC Novy Kostel, NKCC Novy Kostel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NKCC Novy Kostel, NKCC Novy Kostel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NKCC Novy Kostel, NKCC Novy Kostel, etc.

ISCJB 26 03:46:13.0:0.5, 50.21N, 0.02E, 12.53E, 0.04, h15km, 6km,
Error ellipse: s-maj=4.6km s-min=3.1km az=153.0
CSEM 26 03:46:14.1:0.1, 50.23N, 12.51E, h10km, ML2.9/9, Error

Code Station Name Az Az' Phase ID Op ISC Time Res h m s ISC
NKCC Novy Kostel 0.03 274 iPg Pg 03 46 16.6 +0.2

ROHR Rohrbach 0.09 272 sPg Pg 03 46 18.8 +0.6
ROHR Rohrbach 0.09 272 sPg Pg 03 46 18.8 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUNZ Gunzen, GUNZ Gunzen, MULDD Muldenberg, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NKCC Novy Kostel, NKCC Novy Kostel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NKCC Novy Kostel, NKCC Novy Kostel, etc.

mb1 4.1/1.4, mb1mx3.9/5.3, mbtmp3.9/14, ML3.4/2, MS3.4/3, Ms1 3.4/3, ms1mx2.7/4.7, Error ellipse: s-maj=21.0km s-min=16.4km az=14.0

ISCJB 26 04:02:37.90.0.4, 5.553N, 0.03:151.98W, 0.04, h33km, mb3.0/11, MS3.3/12, Error ellipse: s-maj=4.6km s-min=3.1km az=159.4

NEIC 26 04:02:41.7, 55.48N, 151.96W, h7km, ML3.7(AEIC), After AEIC.

ISC 26 04:02:41.2, 0.7, 55.64N, 0.07:152.00W, 0.05, h35km, n94, s=1919/99, mb4.0/11, MS2.9/3, South of Alaska

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC, h, m, s, ISC. Lists various stations like OHAK, KADK, KADR, etc.

CSEM 26 04:04:30.8, 0.1, 50.22N, 12.51E, h10km, ML2.8/8, Error ellipse: s-maj=1.6km s-min=1.2km az=58.0

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC, h, m, s, ISC. Lists various stations like NKCC, NKCC, NKCC, etc.

ISCJB 26 04:17:49.9, 0.5, 50.22N, 0.02:12.52E, 0.03, h15km, 5km, Error ellipse: s-maj=3.5km s-min=3.1km az=166.0

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC, h, m, s, ISC. Lists various stations like NKC, NKC, NKC, etc.

ISCJB 26 04:29:59.5, 0.3, 6.82N, 0.03:73.07W, 0.03, h164km, 3km, mb3.6/7, Error ellipse: s-maj=6.9km s-min=3.3km az=36.7

26d 5h

Table of station data for 26d 5h, including station names, coordinates, and various parameters like frequency and power.

2011 AUG

Main table of station data for 2011 AUG, listing station names, coordinates, and parameters.

1364

Table of station data for 1364, including station names, coordinates, and parameters.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FCH Rincónada Maip, PEL Peidehue, ROCC EI Roble, AAGR Agrelo, etc.

BGR 26 05:54:14.4-0.2, 50.24N, 12.45E, h11km, 1km, ML2.1/6, Error ellipse: s-maj=2.2km s-min=1.1km az=105.0

CSEM 26 05:54:14.1-0.1, 50.22N, 12.49E, h10km, ML2.9/5, Error ellipse: s-maj=1.5km s-min=1.3km az=32.0

PRU 26 05:54:15.2, 50.25N, 12.53E, h0km, West Bohemia Swarm

ICL 26 05:54:15.0-0.3, 50.2N, 0.9-1.2E, h8km, 1km, m2.1

ISC 26 05:54:13.5-0.8, 50.23N, 0.02-12.47E, 0.02, h14km, 4km, n54, c055/94, 5C, Germany

Main station list table for the left column, including stations like NOVY KOSTEL, ROHR ROHRBACH, GUNZ GUNZEN, MULDERBERG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRU Pruhonic, PVCC Panska Ves, etc.

IASPEI 26 06:07:04.1-0.8, 50.23N, 0.02-12.46E, 0.02, h15km, 3km, Error ellipse: s-maj=3.4km s-min=2.8km az=80.4, GT5

CSEM 26 06:07:04.3-0.1, 50.22N, 12.50E, h10km, ML2.9/8, Error ellipse: s-maj=1.5km s-min=1.1km az=42.0

BGR 26 06:07:04.8-0.2, 50.24N, 12.45E, h11km, 1km, ML2.4/6, Error ellipse: s-maj=2.2km s-min=1.1km az=109.0

PRU 26 06:07:05.3, 50.26N, 12.52E, h2km, West Bohemia Swarm

ICL 26 06:07:05.4-0.2, 50.2N, 0.7-1.2E, h8km, 1km, m2.4

ISC 26 06:07:03.7-0.8, 50.24N, 0.02-12.46E, 0.02, h14km, 4km, n61, c081/104, 5C, Germany

Main station list table for the middle column, including stations like NOVY KOSTEL, ROHR ROHRBACH, GUNZ GUNZEN, MULDERBERG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOA Mollin, CONA Conrad Observa, etc.

VIE 26 06:09:16.8-0.4, 50.21N, 12.43E, h8km, ML2.7/3, Error ellipse: s-maj=0.9km s-min=0.5km az=52.0

CSEM 26 06:09:17.0-0.1, 50.23N, 12.49E, h10km, ML3.2/9, Error ellipse: s-maj=1.5km s-min=1.2km az=53.0

PRU 26 06:09:17.9, 50.26N, 12.52E, h1km, West Bohemia Swarm

IASPEI 26 06:09:17.2-0.8, 50.24N, 0.02-12.45E, 0.03, h10km, 3km, Error ellipse: s-maj=3.7km s-min=2.5km az=98.0, GT5

BGR 26 06:09:17.3-0.2, 50.24N, 12.44E, h11km, 1km, ML2.6/6, Error ellipse: s-maj=2.2km s-min=1.1km az=106.0

ISC 26 06:09:17.4-0.6, 50.23N, 0.02-12.46E, 0.02, h10km, 4km, n61, c051/107, 6C, Germany

Main station list table for the right column, including stations like NOVY KOSTEL, ROHR ROHRBACH, GUNZ GUNZEN, MULDERBERG, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GOPEC, UPCE, DPC, MOA, KBA, CONA.

CSEM 26 06:15:44.9-0.1, 50.21N, 12.50E, h2km, ML3.8/14, Error ellipse: s-maj=2.7km s-min=2.2km az=5.0

IPEC 26 06:15:45.3-0.1, 50.24N, 12.46E, h9km, ML2.9/8, Error ellipse: s-maj=0.5km s-min=0.5km az=33.0

CLL 26 06:15:46.1-0.3, 50.20N, 12.12E, h7km, ML3.0

BNS 26 06:15:53.0-0.6, 50.20N, 12.30E, h5km, ML2.8

ISC 26 06:15:45.2-0.7, 50.21N, 12.46E, 0.01, h12km, 3km, n114, c204/192, 7C, Germany

Main table of station data for the left column, including codes like NKCC, WERN, GUNZ, TRIB, WERD, MOX, GRA1, KHC, PRU, PVCC.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PVCC, UPCE, DPC, MOA, KBA, CONA.

ISCJB 26 06:23:37.1±0.8, 6.80N, 0.04W, 72.98W, 0.05, h156km, 6km, Error ellipse: s-maj=9.7km s-min=5.0km az=34.3

FUNV 26 06:23:39.8, 7.04N, 72.97W, h75km, MW2.8

RSC 26 06:23:40.1-0.7, 6.79N, 73.15W, h10km, 5km, ML2.5

ISC 26 06:23:35.9, 1.5, 6.84N, 0.05W, 73.03W, 0.06, h166km, 9km, n18, c175/32, 1D, Northern Colombia

Main table of station data for the middle column, including codes like BARC, GIRC, PAMC, BRRR, CBRI.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CBRI, RUSC, CAPV, OCAC, NORC, HELC, VIGV, SOCV, VILLAVI, ELOV, VILLA, CURV, BAUV.

ISCJB 26 06:48:19.6±0.5, 36.51N, 0.003W, 36.76W, 0.02, h10km, 3km, Error ellipse: s-maj=5.3km s-min=3.3km az=172.8

CSEM 26 06:48:20.1±0.2, 36.50N, 3.63W, h2km, ML3.5/10, Error ellipse: s-maj=4.0km s-min=2.3km az=167.0

SFS 26 06:48:21.0, 36.40N, 3.60W, h10km, ML3.3

IGIL 26 06:48:21.9, 36.52N, 3.65W, h0km, ML2.4

MDD 26 06:48:21.3-0.3, 36.52N, 3.65W, h0km, mbl, 0.17L, Error ellipse: s-maj=3.4km s-min=2.6km az=177.0, PRXIMO

MDD EMS: III INTENSIDAD MAXIMA, INMG 26 06:48:21.9±1.6, 36.54N, 3.68W, h0km, 3km, ML2.8, Error ellipse: s-maj=3.1km s-min=1.9km az=120.0

ISC 26 06:48:19.7±1.2, 36.51N, 0.003W, 36.72W, 0.02, h8km±10km, n113, c1550/174, 5C-2D, Strait of Gibraltar

Main table of station data for the right column, including codes like EMAL, EBER, EQU, EGOR, SELV, EALB, EMIJ, GORA, ENIJ, EQES, EJIF, ECEU, SESP.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chingaza, Santa Helena, El Vicia, Villavicencio, etc.

STR 26:06:53:49.2,0.4,50.70N:14.07E,h10km,M14.2,Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Novy Kostel, Wernitzgruen, Muldenberg, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Berggiesshubel, Prague, Kasperse Hory, etc.

STR 26:06:53:49.2,0.4,50.70N:14.07E,h10km,M14.2,Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Moravsky, Vranov, Koenigsberg, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LOMF, LOMF, LOMF, etc.

NIED 26:06:56:00,38.40N:142.10E,h68km,Mw3.8 Best double couple: M5.52000x1014 NP1.9x126.00000, 848.00000, 722.00000

JMA 26:06:56:10.3,0.1,38.36N:142.11E,h36km,2km,M3.6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ouri, Ofunato, Ichinoseki, etc.

SOME 26:06:59:14.6,44.47N:83.25E,h0km NNC 26:06:59:14.6,44.47N:83.25E,h0km,mb3.3,mpv2.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZAKR, ZAKR, ZAKR, etc.

26d 7h

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like WMQ, BKZ, MK01, etc.

2011 AUG

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like BALM, DAWY, INK, etc.

1372

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like VES, WALLA, SCZZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MULd, TANN, WERD, WERN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NKC, WERN, MULd, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NKC, WERN, MULd, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TXAR, TORD, CSEM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRU, GOPC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRU, GOPC, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like Makanchi Array, Lanzhou, Chengdu, Kunming, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like Hu-hao-te, Guiyang, Chiang Mai Arr, Beijing, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like Mardin, Changchung, Mudjanjiang, Lovozero, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like Zavoj, Zajecar, Barje, Bovan, etc.

CSEM 26 09:00:56.9:0.2,38:26N:38:34E,h10km,ML2.7, Error ellipse: s-maj=6.4km s-min=5.6km az=50.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like ELZG, DARE, KEMA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like DARE, URFA, KEMA, etc.

ISK 26 09:02:41.8,38:38N:38:91E,h10km,ML2.7, Error ellipse: s-maj=5.3km s-min=4.7km az=103.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like ELZG, PERTK, TUNCEL, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like KEMA, URFA, BOZOVA, etc.

ISJCJB 26 09:03:17.1:0.4,36:21N:0:06:137:01E:0:09, h276km,3km,mb3.6/9, Error ellipse: s-maj=12.4km

JMA 26 09:03:17.4:0.2,36:19N:137:06E,h277km,2km,M3.4, Error ellipse: s-maj=20.1km s-min=11.8km az=101.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like JGN, JKG, JGM, etc.

USRK 26 09:03:17.8:0.7,36:21N:0:07:137:01E:0:07,h270km,5km, Error ellipse: s-maj=17.8km s-min=10.0km az=101.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like ELAR, WRA, ASAR, etc.

FINES 26 09:03:31.2:1.8,39:62N:0:07:73:26E,0:04,h0km,13km, Error ellipse: s-maj=38.7km s-min=20.8km az=150.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like DRK, ARSB, ARSK, etc.

ISJC 26 09:03:31.2:1.8,39:62N:0:07:73:26E,0:04,h0km,13km, Error ellipse: s-maj=38.7km s-min=20.8km az=150.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like MNAS, ARSK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like DZET, TKM2, KK31, etc.

ISCJB 26 09:06:24.4:0.5,50:22N:0:02:12:52E,0:03,h15km,5km, Error ellipse: s-maj=3.7km s-min=3.1km az=176.2

CSEM 26 09:06:25.4:0.1,50:23N:12:50E,h10km,ML2.6/6, Error ellipse: s-maj=1.4km s-min=1.2km az=60.0

BGR 26 09:06:25.6:0.2,50:24N:12:45E,h11km,1km,ML2.0/6, Error ellipse: s-maj=2.2km s-min=1.1km az=104.0

PRU 26 09:06:26.3:0.3,50:23N:0:12:51E,h8km,1km,ml2.0, Error ellipse: s-maj=2.5km s-min=2.0km az=102.4

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like NKC, NCC, NKK, etc.

ISJC 26 09:06:25.8:0.8,50:23N:0:02:12:46E,0:03,h10km,3km, Error ellipse: s-maj=2.5km s-min=2.0km az=102.4

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like WERN, ROHR, GUNZ, etc.

ISJC 26 09:03:30.2:0.1,39:54N:73:46E,mb3.1, Error ellipse: s-maj=38.7km s-min=20.8km az=150.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like DRK, ARSB, ARSK, etc.

DPC Dobruska-Polom 2.48 86 Sg Sb 09 07 42.5 +1.4

ISCJB 26 09:25:09.3.1.1.43.98N.0.09.147.3E.0.1, h61km, 10km, Error ellipse: s-maj=18.1km s-min=6.8km az=138.0

JMA 26 09:25:10.0.0.2.43.86N.147.35E, h53km, M3.5

SKHL 26 09:25:10.0.0.2.43.96N.147.44E, h46km, mb4.4/3

ISC 26 09:25:09.8.2.0.44.00N.0.1.147.4E.0.1, h55km, 14km, n13, c#072/24, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Lists seismic stations and their characteristics.

ISCJB 26 09:27:05.8.0.6.50.22N.0.02.12.51E.0.0.4, h13km, 5km, Error ellipse: s-maj=3.9km s-min=3.1km az=1.3

BGR 26 09:27:06.9.0.0.2.50.24N.12.45E, h11km, 2km, ML2.2/6, Error ellipse: s-maj=2.2km s-min=1.1km az=106.0

CSEM 26 09:27:06.0.0.1.50.23N.12.49E, h10km, ML2.7/6, Error ellipse: s-maj=1.4km s-min=1.2km az=64.0

IASPEI 26 09:27:06.0.0.9.50.23N.0.02.12.45E.0.0.2, h10km, 4km, Error ellipse: s-maj=3.6km s-min=2.7km az=3.3, GTS 5, GTS 5 selection from ISC bulletin GTS identified by Bondi jr and McLaughlin (2009) selection criteria Bondi jr and McLaughlin, A new ground truth data set for seismic studies, Seism. Res. Let., 80, 465-472, 2009

PRU 26 09:27:07.5.0.26.26N.12.52E, h2km, West Bohemia Swarm

CLL 26 09:27:07.4.0.3.50.23N.1.1.2E.1, h8km, 1km, ml1.1

ISC 26 09:27:06.7.0.8.50.23N.0.02.12.45E.0.0.2, h11km, 3km, n52, c#0930/91, TC, Germany

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Lists seismic stations and their characteristics.

Table with columns: ROTZ, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Lists seismic stations and their characteristics.

BUC 26 09:31:38.7.1.0.45.30N.25.11E, h2km, 13km, MD2.4/3, 12C-6D, Error ellipse: s-maj=7.8km s-min=7.0km az=119.0, Romania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Lists seismic stations and their characteristics.

NIED 26 09:35:00.27.10N.143.40E, h5km, Mw4.2 Best double couple: M1.950000*1015 N1.1.12.000000*813.000000, lambda=85.000000, NP2.3.302.000000*678.000000, lambda=91.000000

IDC 26 09:35:23.3.0.6.27.07N.143.33E, h0km, mb4.0/13, mb1.4, 2/17, mb1mx4.0/37, mbtmp4.0/17, ML3.93, MS2.8/3, Ms1.2.8/3, ms1mx2.5/41, Error ellipse: s-maj=23.1km s-min=14.8km az=81.0

NEIC 26 09:35:24.0.4.2.27.12N.143.39E, h10km, mb4.7/4, Error ellipse: s-maj=9.3km s-min=7.3km az=68.0

JMA 26 09:35:26.3.0.5.27.07N.143.43E, h32km, M4.1

ISC 26 09:35:29.0.0.6.27.31N.0.06.143.37E.0.0.7, h35km, n38, c#195/49, mb4.1/19, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Lists seismic stations and their characteristics.

Table with columns: ASAR, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Lists seismic stations and their characteristics.

WEL 26 09:38:37.9.1.4.47.37S.165.85E, h33km, ML3.6/7, 1C-1D, Error ellipse: s-maj=13.8km s-min=8.0km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Lists seismic stations and their characteristics.

DDA 26 09:51:18.7.39.12N.28.99E, h6km, ML2.9

ISK 26 09:51:18.3.0.14N.29.00E, h6km, ML2.7

ISCJB 26 09:51:19.3.0.0.4.39.10N.0.04.28.98E.0.0.3, h8km, 4km, Error ellipse: s-maj=6.2km s-min=4.2km az=14.2

CSEM 26 09:51:19.2.0.1.39.11N.28.98E, h8km, ML2.7, Error ellipse: s-maj=2.8km s-min=2.4km az=37.0

ISC 26 09:51:18.4.0.9.39.08N.0.02.28.99E.0.0.2, h16km, 5km, n43, c#107/59, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Lists seismic stations and their characteristics.

GUC 26 09:51:38.3.0.5.33.41S.72.36W, h38km, 3km, ML3.3

SJA 26 09:51:44.1.0.5.32.91S.72.15W, h30km, ML3.3, MW3.7

ISC 26 09:51:37.6.3.0.33.55S.0.1.72.3W.0.1, h3km, 13km, n16, c#141/27, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time, Res, ISC. Lists seismic stations and their characteristics.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like FSR Penatolen, FSR Farellones, AUSP Uspallata, etc.

IDC 26:09:55:45.8:2.6,23:34Sx176:31W,h0km,mb4.0/4, mb1.4/1.4,mb1mx3.7/23,mbtmp4.0/4, Error ellipse: s-maj=121.8km s-min=45.9km az=155.0,South of Fiji Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, etc.

HEL 26:10:01:38.6:0.4,67:70N:34:52E,h0km,ML2.4,Explosion ISC/JB 26:10:01:39.0:1.0,67:65N:0:04:34.1E:0:2,h0km,Error ellipse: s-maj=8.8km s-min=5.2km az=172.2

CSEM 26:10:01:40.5:0.5,67:60N:34:09E,h1km,ML2.8, Error ellipse: s-maj=9.0km s-min=5.3km az=84.0, Mining explosion.

NAO 26:10:01:43.4:1.1,67:68N:33:61E,ML2.8 IDC 26:10:01:45.8:2.0,67:77N:33:73E,h0km,mb1.3/3.4, mb1mx3.1/42,mbtmp3.3/4,ML3.1/4, Error ellipse: s-maj=21.9km s-min=10.5km az=79.0

ISC 26:10:01:40.4:1.4,67:66N:0:04:34.06E:0:08,h0km,n44, e150/66,Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like APZ9 Apatity, VRF Vario, VRF Varrio, etc.

IDC 26:10:18:49.2:15.0,17:81S:168:66E,h0km,mb3.9/4, mb1.4/1.5,mb1mx3.7/28,mbtmp4.0/5,ML4.1/1,MS3.5/2, Ms1 3.5/2,ms1mx2.8/27, Error ellipse: s-maj=251.6km s-min=56.1km az=72.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, RAO Raou Island, CTA Charters Tower, etc.

IDC 26:10:24:11.3:1.9,36:72S:179:28E,h0km,mb4.2/2, mb1.4/3,mb1mx3.9/26,mbtmp4.3/3,ML4.6/1,MS3.2/3, Ms1 3.2/3,ms1mx2.9/26, Error ellipse: s-maj=46.1km s-min=40.4km az=149.0

WEL 26:10:24:16.4:0.4,36:86S:179:25E,h33km,ML4.4/6/3, Error ellipse: s-maj=4.5km s-min=4.2km az=0.0

ISC 26:10:24:14.7:2.4,37:02S:0:07:179:33E:0:09,h28km,n14km, n104,e157/101,2C-4D, Off east coast of North Island

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like MZX Matakaoa Point, WMGZ Waioamatatini S, PKGZ Pakihiroa, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KIF Kilpisjarvi, TRO Tromso, FIAO FINES Array S, etc.

CRAAG 26:10:03:12.7,36:13N:3:67E,MI3.6,Northern Algeria

ADJB Djebel Djouab 0.19 280 P Pg 10 03 17.7 +1.4 AKET Djebel Ketaf 0.19 114 P Pg 10 03 16.1 -0.3

ISC/JB 26:10:31:9.0:0.7,18:2S:0:2:178:2W:0:2,h579km,mb4.1/8, Error ellipse: s-maj=29.1km s-min=12.2km az=147.0

IDC 26:10:32:0:1.5,18:14S:178:32W,h560km,16km,mb3.6/9, mb1.3/8/11,mb1mx3.4/22,mbtmp4.5/11, Error ellipse: s-maj=27.5km s-min=12.5km az=148.0

ISC 26:10:33:1.0:0.7,18:2S:0:2:178:3W:0:2,h579km,n13, e140/15,mb4.0/3,Fiji Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like AFI Afihamu, DZM Mont Dzumac, CTA Charters Tower, etc.

IDC 26:10:18:49.2:15.0,17:81S:168:66E,h0km,mb3.9/4, mb1.4/1.5,mb1mx3.7/28,mbtmp4.0/5,ML4.1/1,MS3.5/2, Ms1 3.5/2,ms1mx2.8/27, Error ellipse: s-maj=251.6km s-min=56.1km az=72.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, RAO Raou Island, CTA Charters Tower, etc.

IDC 26:10:24:11.3:1.9,36:72S:179:28E,h0km,mb4.2/2, mb1.4/3,mb1mx3.9/26,mbtmp4.3/3,ML4.6/1,MS3.2/3, Ms1 3.2/3,ms1mx2.9/26, Error ellipse: s-maj=46.1km s-min=40.4km az=149.0

WEL 26:10:24:16.4:0.4,36:86S:179:25E,h33km,ML4.4/6/3, Error ellipse: s-maj=4.5km s-min=4.2km az=0.0

ISC 26:10:24:14.7:2.4,37:02S:0:07:179:33E:0:09,h28km,n14km, n104,e157/101,2C-4D, Off east coast of North Island

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like MZX Matakaoa Point, WMGZ Waioamatatini S, PKGZ Pakihiroa, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like URZ Paritu Road, URZ Manawahe, URZ Edgacumbe, etc.

26d 11h

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like MTW Mount Morrison, CAW Cannon Point, MSWJ Moulika Station, etc.

ISCJB 26 10:33:16.0-0.9,36:93S-0:05-179:36E:0:08, h33km, mb3.9/2, Error ellipse: s-maj=9.6km s-min=6.1km az=160.2

IDC 26 10:33:15.7-2.9,36:79S-178:95E, h0km, mb4.1/2, mb1 4.4/3, mb1mx3.9/22, mbtmp4.1/3, ML4.2/1, MS2.6/1, Ms1 2.6/1, ms1mx2.5/25, Error ellipse: s-maj=67.8km s-min=31.0km az=124.0

WEL 26 10:33:20.7-0.7,36:98S-179:11E, h33km, ML4.0/40, Error ellipse: s-maj=7.9km s-min=6.5km az=0.0

ISC 26 10:33:16.5-1.7,37:12S-0:07-173E:0:1, h33km, n91, r156/94, 4C-70, Off east coast of North Island

Main station list table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Lists numerous stations including MXZ Matakaoa Point, WMGZ Waikomati Station, PKGZ Pakihoro, etc.

2011 AUG

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like KAHZ Moumakai, WIAZ Waiheke Island, KBRZ Kereru, etc.

PRU 26 10:42:04.4,50:18N-12:32E, h0km, West Bohemia Swarm, Germany

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Lists stations like NKC Novy Kostel, PRU Pruhonice, etc.

ISCJB 26 10:42:06.7-0.6,50:24N-0:02-12:52E:0:04, h13km,5km, Error ellipse: s-maj=4.1km s-min=3.4km az=63.2

BGR 26 10:42:07.8-0.3,50:25N-12:47E:0:02, h2km, ML2.3/6, Error ellipse: s-maj=3.3km s-min=2.2km az=112.0

CSEM 26 10:42:07.8-0.1,50:25N-12:51E, h2km, ML2.3, Error ellipse: s-maj=1.5km s-min=1.5km az=90.0

IASPEI 26 10:42:07.8-0.9,50:25N-0:02-12:47E:0:03, h10km,4km, Error ellipse: s-maj=3.9km s-min=2.5km az=105.3, GT5 selection from ISC bulletin GT5 identified by Bond jr and McLaughlin (2009) selection criteria Bond jr and McLaughlin, A new ground truth data set for seismic studies, Seism. Res. Let., 80,2, 2009

CLL 26 10:42:08.4-0.3,50:30N-0:8-1:2E, h8km,1km, ml2.1 PRU 26 10:42:08.2,50:28N-12:53E, h2km, West Bohemia Swarm

ISC 26 10:42:07.9-1.0,50:25N-0:02-12:48E:0:02, h10km,4km, n49, c0541/83, 1D, Germany

Main station list table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Lists numerous stations including NKC Novy Kostel, WERN Wernitzgruen, ROHR Rohrbach, etc.

1378

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like SCHF Schoenfels, ROTZ Rotzenmuhle, MLFH Mildenerfurth, etc.

NEIC 26 11:06:13.8,43:58S-172:73E, h10km, ML3.8(WEL), After WEL

NEIC Felt (IV) in the Christchurch area. WEL 26 11:06:13.6-0.1,43:58S-172:75E, h10km, ML3.8/20, 5C-1D, Error ellipse: s-maj=0.8km s-min=0.5km az=90.0, South Island

Main station list table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Lists numerous stations including CRLZ Canterbury Las, MOZ McQueen's Vall, OXF Oxford, etc.

NIED 26 12:26:06.10.0.36:20N:139.90E, h53km, Mw3.6 Best double couple: $M_2=59000 \pm 1014$, $NP1=198.00000 \pm 816.00000$, $\lambda_69.00000$, $NP2=39.00000 \pm 875.00000$, $\lambda_96.00000$.
ISCJB 26 12:26:04.8.0.0.36:10N:0.04:139.87E:0.06, h61km, 4km, mb3.6/4, Error ellipse: s-maj=8.5km s-min=6.6km az=161.9
JMA 26 12:26:06.1.0.1.36:10N:139.87E, h47km, 1km, M3.8 Broadband fault plane solution: P waves. $NP1=91.90000 \pm 81.00000$, $\lambda_82.00000$, $NP2=243.00000 \pm 12.00000$, $\lambda_134.00000$. Principal axes: T $P1g53.00000$, $Azm275.00000$; N $P1g8.00000$, $Azm20.00000$; P $P1g36.00000$, $Azm116.00000$.

JMA Felt II J1
IDC 26 12:26:06.1.2.4.36:02N:139.82E, h48km, 22km, mb3.3/4, M1.3 5/6, mb1mx3.3/40, mbtrmp3.6/6, ML3.2/2, MS2.5/1, Ms1.2.5/1, ms1mx2.2/26 Error ellipse: s-maj=38.5km s-min=12.1km az=69.0
ISC 26 12:26:06.1.0.9.36:12N:0.04:139.87E:0.06, h55km, 7km, n15, c197/23, mb3.6/4, 2C-3D, Eastern Honshu

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
						h m s	h m s
JYT	Yasato	0.29	67	Op	ISC	12 26 15.0	+0.6
JYT				Pn		12 26 21.2	-1.5
TOK	Tokyo	0.44	192	Op	Pn	12 26 17.4	+0.5
TOK				Sn		12 26 26.2	+1.5
JAG	Ashikaga	0.46	313	Op	Pn	12 26 16.9	-0.3
JAG				Pn		12 26 24.7	-0.5
JRY	Ryogami san	0.79	263	Op	Pn	12 26 20.7	-0.5
JRY				Sn		12 26 31.3	-1.0
JKT	Katashina	0.82	323	Op	Pn	12 26 21.4	-0.3
JKT				Sn		12 26 30.3	-0.1
JOD2	Odawara 2	1.06	217	Op	Pn	12 26 24.5	-0.3
JOD2				Sn		12 26 38.0	-0.5
JYN	Shimob	1.24	241	Op	Pn	12 26 27.7	+0.5
MJAR	Matsushiro Arr	1.41	288	Op	Pn	12 26 28.5	-1.0
MJAR				LR		12 27 17.3	
MAT	Matsushiro	1.41	288	Op	Pn	12 26 28.4	-1.1
MAT				Sn		12 26 45.6	-1.4
MAT				eS		12 26 45.6	-1.4
JHJ	Hachijo jima 2	2.99	181	Op	Pn	12 26 49.5	-1.5
JHJ				Sn		12 27 23.7	-2.0
KSR5	Korea Array	9.68	281	Op	Pn	12 28 24.1	+1.5
KSR5				LR		12 32 03.5	
ZALV	Zalesovo Beam	41.62	313	Op	Pn	12 33 48.5	-0.1
ILAR	Eielson Array	50.93	32	Op	Pn	12 35 03.0	+1.4
WRA	Warramunga Arr	56.00	186	Op	Pn	12 35 38.5	-0.6
ASAR	Alice Springs	59.72	186	Op	Pn	12 36 05.8	+0.6

BE0 26 12:37:02.0.0.7.43:62N:18.65E, h0km, M1.3/3, Northwestern Balkan Peninsula

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
						h m s	h m s
BBL5	Lazić263;i	0.60	66	Op	Pg	12 37 12.1	-1.4
TREB	Trebinje	0.93	194	Op	Pg	12 37 18.0	-1.8
TREB				eS		12 37 32.2	+0.4
DIV5	Divibare	1.08	63	Op	Pg	12 37 22.2	-0.5
DIV5				eS		12 37 37.0	+0.2
TEKS	Tekeris	1.12	34	Op	Pg	12 37 21.2	-2.4
TEKS				eS		12 37 38.6	+0.5

ISCJB 26 12:37:47.8.0.5.50:23N:0.02:12.51E:0.03, h13km, 5km, Error ellipse: s-maj=3.6km s-min=3.0km az=170.3
CSEM 26 12:37:48.7.0.1.50:23N:12.49E, h10km, ML2.7/5, Error ellipse: s-maj=1.5km s-min=1.3km az=50.0
PRU 26 12:37:49.7.50:23N:12.52E, h0km, West Bohemia Swarm

CLL 26 12:37:49.7.0.3.50:24N:0.8:1.2E, h7km, 1km, ml2.0
BGR 26 12:37:49.1.0.2.50:24N:12.44E, h10km, 1km, ML2.1/6, Error ellipse: s-maj=2.2km s-min=1.1km az=102.0
ISC 26 12:37:48.9.0.8.50:24N:0.02:12.47E:0.02, h10km, 3km, n56, c043/106, 4C, Germany

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
						h m s	h m s
NKC	Novy Kostel	0.01	255	Op	Pg	12 37 50.9	+0.2
NKC				eS		12 37 51.8	-0.2
NKC				Op	Pg	12 37 50.9	+0.2
NKC				Sg		12 37 51.9	0.0
NKC	Novy Kostel	0.01	255	Op	Pg	12 37 50.9	+0.2
NKC				eS		12 37 52.0	0.0
NKC	Novy Kostel	0.01	255	Op	Pg	12 37 52.0	0.0
NKC				Sg		12 37 52.0	0.0
WERN	Wernitzgruen	0.08	311	Op	Pg	12 37 51.4	+0.1
WERN				iS		12 37 52.8	-0.2
WERN				AML		12 37 52.9	
WERN				Op	Pg	12 37 51.4	+0.1
WERN				eS		12 37 52.8	-0.2
WERN				Sg		12 37 51.4	+0.1
WERN				Sg		12 37 52.8	-0.2
ROHR	Rohrbach	0.10	269	Op	Pg	12 37 51.5	0.0
ROHR				iS		12 37 53.0	-0.4
ROHR				AML		12 37 53.1	
ROHR				Op	Pg	12 37 51.5	0.0
ROHR				eS		12 37 53.0	-0.4
ROHR				Sg		12 37 53.0	-0.4
GUNZ	Gunzen	0.15	326	Op	Pg	12 37 52.5	+0.1
GUNZ				iS		12 37 54.6	-0.2
GUNZ				AML		12 37 54.8	
GUNZ				Op	Pg	12 37 52.5	+0.1
GUNZ				eS		12 37 54.6	-0.2
GUNZ	Gunzen	0.15	326	Op	Pg	12 37 52.5	+0.1
GUNZ				Sg		12 37 54.6	-0.2
TANN	Tannenbergtsh	0.18	359	Op	Pg	12 37 52.9	+0.1
TANN				iS		12 37 55.3	-0.2
TANN				AML		12 37 55.5	
MULD	Muldenberg	0.18	347	Op	Pg	12 37 53.0	+0.2
MULD				iS		12 37 55.3	-0.2
MULD				AML		12 37 55.4	
MULD				Op	Pg	12 37 53.0	+0.2
MULD				eS		12 37 55.3	-0.2
MULD	Muldenberg	0.18	347	Op	Pg	12 37 53.0	+0.2
MULD				Sg		12 37 55.3	-0.2
WERD	Werd	0.23	334	Op	Pg	12 37 53.9	+0.1
WERD				iS		12 37 55.9	+0.1
WERD				AML		12 37 57.0	
WERD				Op	Pg	12 37 53.9	+0.1
WERD				eS		12 37 56.7	-0.4
TRIB	Obertriebel	0.24	299	Op	Pg	12 37 53.8	0.0
TRIB				iS		12 37 57.0	-0.2
TRIB				AML		12 37 57.3	
TRIB				Op	Pg	12 37 53.8	0.0
TRIB				eS		12 37 57.0	-0.2
TRIB	Obertriebel	0.24	299	Op	Pg	12 37 53.8	0.0
TRIB				Sg		12 37 57.0	-0.2
TRIB				AML		12 37 57.3	
PLN	Plauen	0.32	322	Op	Pg	12 37 59.4	0.0
PLN				iS		12 37 59.5	
PLN				AML		12 37 59.5	
PLN				Op	Pg	12 37 59.4	0.0
PLN				eS		12 37 59.5	
PLN	Plauen	0.32	322	Op	Pg	12 37 59.4	0.0
PLN				Sg		12 37 59.5	
PLN				AML		12 37 59.5	
PLN				Op	Pg	12 37 59.4	0.0
PLN				eS		12 37 59.5	
SCHF	Schoenfelds	0.44	355	Op	Pg	12 37 57.7	+0.1
SCHF				iS		12 38 03.6	+0.1

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	ISC	Time	Res
						h m s	h m s
SCHF	Schoenfelds	0.44	355	Op	Pg	12 37 57.7	+0.1
SCHF				eS		12 38 03.6	+0.1
SCHF	Schoenfelds	0.44	355	Op	Pg	12 37 57.7	+0.1
SCHF				Sg		12 38 03.6	+0.1
ROTZ	Rotzenmuhle	0.50	200	Op	Pg	12 37 58.9	+0.3
ROTZ				eS		12 38 05.4	+0.2
ROTZ	Rotzenmuhle	0.50	200	Op	Pg	12 37 58.9	+0.3
ROTZ				Sg		12 38 05.4	+0.2
MLFH	Mildenfurth	0.61	336	Op	Pg	12 38 00.6	-0.1
MLFH				iS		12 38 09.0	+0.3
MOX	Moxa	0.68	307	Op	Pg	12 38 02.0	-0.1
MOX				eS		12 38 05.4	+0.2
MOX	Moxa	0.68	307	Op	Pg	12 38 02.0	-0.1
MOX				Sg		12 38 10.8	-0.2
FBE	Freiberg	0.89	39	Op	Pb	12 38 06.6	+0.1
FBE				eS		12 38 17.8	+0.2
FBE	Freiberg	0.89	39	Op	Pb	12 38 06.6	+0.1
FBE				Sg		12 38 17.8	+0.2
GRA1	Grafenberg Arr	0.97	236	Op	Pg	12 38 07.7	+0.1
GRA1				Sg		12 38 20.6	+0.4
GRA1	Grafenberg Arr	0.97	236	Op	Pg	12 38 07.7	+0.1
GRA1				eS		12 38 20.6	+0.4
COLL	Collm	1.12	17	Op	Pb	12 38 25.2	0.0
COLL				Sg		12 38 25.2	0.0
COLL	Collm	1.12	17	Op	Pb	12 38 25.2	0.0
COLL				Sg		12 38 25.2	0.0
COLL	Collm	1.12	17	Op	Pb	12 38 25.2	0.0
COLL				Sg		12 38 25.2	0.0
WET	Wetzell	1.13	166	Op	Pg	12 38 10.6	+0.1
WET				eS		12 38 25.1	0.0
WET	Wetzell	1.13	166	Op	Pg	12 38 10.6	+0.1
WET				Sg		12 38 25.1	0.0
BRG	Berggiesshubel	1.14	55	Op	Pg	12 38 10.7	+0.2
BRG				Sg		12 38 25.3	-0.2
BRG	Berggiesshubel	1.14	55	Op	Pg	12 38 10.7	+0.2
BRG				Sg		12 38 25.3	-0.2
KHC	Kasperske Hory	1.32	146	Op	Pg	12 38 13.2	-0.3
KHC				eS		12 38 30.2	-0.6
KHC	Kasperske Hory	1.32	146	Op	Pg	12 38 13.2	-0.3
KHC				Sb		12 38 30.2	-0.6
PRU	Pruhonice	1.36	100	Op	Pb	12 38 14.4	0.0
PRU				eS		12 38 32.3	+0.3
PRU	Pruhonice	1.36	100	Op	Pb	12 38 14.4	0.0
PRU	</						

26d 14h

2011 AUG

1384

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like R15V, EZSV, MMIG, ANIG.

NIED 26 14:39:00,36.90N,143.70E, h8km, Mw4.3 Best double couple: M3.140000,1015 NP1.3236,00000; R38.00000...

NEIC 26 14:39:10.9,0.2,36.71N,143.87E, h10km, mb4.7/47, Error ellipse: s-maj=7.5km s-min=5.0km az=153.0

ICBJB 26 14:39:11.8,1.1,36.89N,143.73E, h20km,7km, mb4.6/93, MS3.6/15, Error ellipse: s-maj=5.1km s-min=12.2km az=116.0

BUI 26 14:39:11.9,0.7,37.04N,143.88E, h23km, mb4.5/46, mB4.9/35, MS4.1/25, MS7.3/9/24

JMA 26 14:39:13.0,0.2,36.88N,143.73E, h55km, M4.7

MOS 26 14:39:15.2,1.1,37.23N,143.72E, h34km, mb4.8/39, Error ellipse: s-maj=8.5km s-min=5.8km az=103.2

ISC 26 14:39:13.6,1.0,36.89N,143.89E, h23km,6km, n195, s181/219, mb4.7/93, MS3.7/15, 6C-12D, Off east coast of Honshu

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFK, JOK, ONAJ, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PETK, NUJ, BJ, MA2, CLNS, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSH, WRAB, WRA, ARU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like U15A North Rim, Y14A Wickenburg, BUR08 Bucoia Ar. S., WU02A Wupatki, etc.

CSEM 26 14:47:25.9.0.9, 37.39N-37.41E, h10km, MD2.3, Error ellipse: s-maj=24.6km s-min=10.6km az=89.0
ISK 26 14:47:26.3, 37.33N-37.34E, h6km, MD2.3
ISCJB 26 14:47:28.0.0.8, 37.32N-0.06:37.20E:0.06, h7km, 9km, Error ellipse: s-maj=10.3km s-min=8.5km az=13.5
DDA 26 14:47:29.2, 37.36N-37.08E, h5km, Md2.7
ISC 26 14:47:28.6.1.2, 37.30N-0.04:37.16E:0.04, h3km, 15km, n12, c#140/16, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GAZ Gaziantep, KMR5 Kahramanmara, KAMA Osmaniye, etc.

VIE 26 14:48:51.1.2.50, 29N-12.65E, h8km, mb1.9/1, ML2.6/3, Error ellipse: s-maj=17.3km s-min=4.6km az=45.0
CSEM 26 14:48:52.8.0.1, 50.22N-12.49E, h10km, ML3.0/8, Error ellipse: s-maj=1.2km s-min=1.0km az=59.0
BGR 26 14:48:53.1.0.2, 50.24N-12.46E, h11km, ML2.4/6, Error ellipse: s-maj=2.2km s-min=1.1km az=101.0
PRU 26 14:48:53.9.0.26N-12.53E, h0km, West Bohemia Swarm
CLL 26 14:48:53.8.0.3, 50.2N:0.9:1.2E:1, h8km, 1km, ml2.3
ISC 26 14:48:53.2.0.8, 50.23N:0.02:12.48E:0.02, h11km, 3km, n60, c#963/110, 5C, Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NKC Novy Kostel, ROHR Rohrbach, GUNZ Gunzen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MUL0 MULdenberg, MUL1 MULdenberg, WERD Werda, etc.

ISCJB 26 14:50:15.4.1.2, 50.24N:0.04:12.48E:0.06, h12km, 7km, Error ellipse: s-maj=7.6km s-min=6.7km az=11.9
CLL 26 14:50:16.6.0.3, 50.2N:0.8:1.2E:1, h8km, 1km, ml2.2
ISC 26 14:50:15.7.2.2, 50.23N:0.07:12.46E:0.11, h11km, 9km, n12, c#919/23, 1C, Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NKC Novy Kostel, WERN Wernitzgruen, ROHR Rohrbach, etc.

CSEM 26 14:50:23.9.0.1, 50.24N:12.51E, h12km, ML3.3/8, Error ellipse: s-maj=1.9km s-min=1.5km az=34.0
VIE 26 14:50:24.3.0.6, 50.21N:12.55E, h8km, ML2.9/4, Error ellipse: s-maj=9.9km s-min=2.8km az=45.0
BGR 26 14:50:24.6.0.2, 50.25N:12.45E, h11km, ML2.8/6, Error ellipse: s-maj=2.2km s-min=2.2km az=105.0
CLL 26 14:50:25.3.0.3, 50.3N:0.8:1.2E:1, h7km, 1km, ml2.6
PRU 26 14:50:25.2, 50.27N:12.54E, h0km, West Bohemia Swarm
ISC 26 14:50:24.5.0.8, 50.24N:0.02:12.49E:0.02, h11km, 4km, n71, c#74/121, 6C, Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NKC Novy Kostel, WERN Wernitzgruen, ROHR Rohrbach, etc.

Table with columns: BRTR, comp-Z, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, Res. Includes stations like Keskin Array B, Muduru, Gumushane, etc.

IDC 26 15:42:53.4+0.6, 15:90Sx173:06W, h0km, mb4.4/13, mb1.4/7.14, mb1mx4.4/32, mbmp4.4/14, MLA.7/1, MS3.7/18, Ms1.3/7.18, ms1mx3.5/33, Error ellipse: s-maj=28.6km s-min=14.2km az=127.0

NEIC 26 15:42:55.3+0.2, 15:85Sx173:08W, h10km, mb4.8/53, Error ellipse: s-maj=10.4km s-min=4.1km az=131.0

ISCJB 26 15:42:56.0+0.2, 15:97Sx0.06:173:15W, 0.07, h26km, mb4.7/63, MS3.8/17, Error ellipse: s-maj=12.2km s-min=5.0km az=38.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, Res. Includes stations like Afiamalu, Nonsav, DZM, etc.

Table with columns: ASAR, comp-Z, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, Res. Includes stations like ASAR, GUMO, SBA, VANDA, etc.

CSEM 26 15:52:20.2+0.1, 50:24N-12:50E, h10km, ML3.2/6, Error ellipse: s-maj=1.3km s-min=1.0km az=25.0

IASPEI 26 15:52:20.3+0.8, 50:24N, 02:12:46E, 0.02, h11km, 3km, Error ellipse: s-maj=3.5km s-min=2.5km az=90.6, GT5 selection from ISC bulletin GT5 identified by Bond jr and McLaughlin (2009) selection criteria Bond jr and McLaughlin, A new ground truth data set for seismic studies, <i>Seism. Res. Let.</i>, 46, 465-472, 2009

BGR 26 15:52:20.5+0.2, 50:24N, 12:45E, h11km, 1km, ML2.7/6, Error ellipse: s-maj=2.2km s-min=1.1km az=103.0

PRU 26 15:52:21.2, 50:27N, 12:53E, h0km, West Bohemia Swarm

CLL 26 15:52:21.1+0.3, 50:22N, 0:8:1'2E, h8km, 1km, ml2.5

ISC 26 15:52:20.4+0.8, 50:24N, 02:12:47E, 0.02, h11km, 3km, n57, 0:55/101, 6C, Germany

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, Res. Includes stations like Novy Kostel, Wernitzgruen, etc.

ISCJB 26 15:52:38.4+0.6, 8:26S, 0:06:74:35W, 0:06, h150km, mb4.2/8, Error ellipse: s-maj=9.1km s-min=7.6km az=42.9

IDC 26 15:52:40.9+2.3, 8:27S, 74:23W, h160km, 24km, mb3.7/2

26d 17h

Table with columns: Station Name, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like H11S3 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, KURB8 Kurchatov Arra, etc.

ISCJB 26 16:53:15.9;0.5,0.5;23N;0.02;12.52E;0.03,h13km,5km, Error ellipse: s-maj=3.0km s-min=1.0km az=153.0,ML2,2/6, BGR 26 16:53:17.0;0.3;50.25N;12.45E,h12km,1km,ML2,2/6, Error ellipse: s-maj=2.2km s-min=1.1km az=94.0, CSEM 26 16:53:16.7;0.1;50.24N;12.50E,h10km,ML2,9/6, Error ellipse: s-maj=1.6km s-min=1.3km az=46.0, PRU 26 16:53:17.7;0.26N;12.53E,h11km,West Bohemia Swam, CLL 26 16:53:17.7;0.3;50.3N;0.7;1.2E, h8km,1km,ml2,2, ISC 26 16:53:17.0;0.9;50.24N;0.02;12.46E;0.02,h11km,3km, n54, c0544/93,1D,Germany

Main table of station data for 26d 17h, listing stations like NKCC Novy Kostel, WERN Wernitzgruen, GUNZ Gunzen, etc., with their respective coordinates and parameters.

NCC 26 16:53:30.8;10.0,40.81N;77.96E,h0km,mb3.4,mpv3.1, Error ellipse: s-maj=83.6km s-min=48.8km az=159.0, KRNET 26 16:53:30.8;0.1,40.81N;77.74E,h17km,mb2.6, SOME 26 16:53:32.0,40.83N;77.77E,h5km, ISC 26 16:53:32.6;40.8N;0.1;77.7E;0.05,h19km,8km,n30, c1933/56,18C-8D,Kyrgyzstan-Xinjiang border region

2011 AUG

Main table of station data for 2011 AUG, listing stations like KDJ Kajisay, NRN Naryn, PRZ Przewalski, etc., with their respective coordinates and parameters.

CSEM 26 17:04:33.6;0.1,50.23N;12.50E,h10km,ML2,8/6, Error ellipse: s-maj=1.4km s-min=1.2km az=49.0, BGR 26 17:04:34.0;0.2,50.25N;12.44E,h12km,1km,ML2,3/6, Error ellipse: s-maj=2.2km s-min=1.1km az=103.0,ML2,2/7, CLL 26 17:04:34.6;0.3;50.2N;0.8;1.2E, h8km,1km,ml2,2, PRU 26 17:04:34.5,50.25N;12.52E,h1km,West Bohemia Swam, ISC 26 17:04:34.0;0.8;50.24N;0.02;12.50E;0.02,h11km,4km, n56, c067/104,4C,Germany

Table of station data for 2011 AUG, listing stations like NKCC Novy Kostel, WERN Wernitzgruen, etc., with their respective coordinates and parameters.

1390

Main table of station data for 1390, listing stations like GUNZ Gunzen, TANN Tannenbergsgha, MULDD Muldenberg, etc., with their respective coordinates and parameters.

ISCJB 26 17:12:55.7;0.9,39.09N;0.07;29.15E;0.05,h7km,7km, Error ellipse: s-maj=12.0km s-min=5.2km az=153.6, CSEM 26 17:12:55.9;0.1,39.12N;29.13E,h8km,ML2,5, Error ellipse: s-maj=3.5km s-min=1.7km az=143.0, DDA 26 17:12:55.5;39.12N;29.12E,h8km,ML2,7, ISK 26 17:12:55.6;39.13N;29.15E,h8km,ML2,5, ISC 26 17:12:55.3;1.0,39.06N;0.04;29.15E;0.04,h13km,7km, n20, c1920/29, Turkey

Table of station data for 1390, listing stations like SIMA Simav-Kutahya, DEMI Demirci, TVSB Tavsani, etc., with their respective coordinates and parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek.

IDC 26 17:16:29.72.1.1, 18.68S:167.58E, h0km, mb3.9/6, mb1 4.1/7, mb1mx3.8/4.1, mbtmp3.9/7, ML3.5/1, Error ellipse: s-maj=49.3km s-min=31.6km az=131.0

ISCJB 26 17:16:32.0.1.6, 18.77S:0.09:167.5E:0.2, h25km, mb3.9/5, Error ellipse: s-maj=30.7km s-min=12.3km az=4

ISC 26 17:16:33.4.1.7, 18.8S:0.1:167.6E:0.2, h25km, n7, e1537/8, mb3.5/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes DZM Mont Dzumac, DZM Stephens Creek, CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, ILAR Eielson Array.

IDC 26 17:19:07.1.1.1, 2.92S:129.81E, h0km, mb3.8/3, mb1 4.1/6, mb1mx3.7/38, mbtmp3.9/6, ML3.6/3, MS3.5/2, Ms1 3.5/2, ms1mx2.7/54, Error ellipse: s-maj=39.4km s-min=21.5km az=80.0

ISCJB 26 17:19:09.5.0.6, 3.00S:0.06:129.99E:0.07, h25km, mb3.6/2, MS3.4/2, Error ellipse: s-maj=11.6km s-min=6.7km az=31.1

DJA 26 17:19:11.9.3.9, 3.3S:7.13E, h19km, 39km, M3.8/6, ML3.8/3

ISC 26 17:19:10.2.0.8, 2.98S:0.06:129.97E:0.06, h25km, n14, e2579/16, Seram

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes MSAI Masohi, BNDI Bandanaira, AAI Ambon, FAKI Fak Fak, SIJI Sorong, SIJI Sorong, SWI Sorong, NLAJ Namlea, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, HNR Honiara, HNR Honiara, JNU Nakatsue, CMAR Chiang Mai Arr, ZALV Zalesovo Beam.

IDC 26 17:21:57.6.0.6, 35.34S:72.00W, h39km, 4km, ML3.5, 2C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes TALC Talca, GAO5 Hualae0, GAO5 Hualae0, GAO5 Hualae0, NICH Los Niches, NICH Los Niches, COCH Cobquecura, CCHI Chilian, CCHI Chilian, CLCH Cerro Calan, CLCH Cerro Calan.

NIED 26 17:30:00.35.50N:141.50E, h5km, Mw4.2 Best double couple: Mo1.93000:1015 NP1.3e:297.0000:85.00000, lambda-159.00000. NP2.3e:186.00000:88.00000, lambda-85.00000

IDC 26 17:30:44.3.0.9, 35.50N:141.52E, h0km, mb3.8/8, mb1 3.9/10, mb1mx3.7/45, mbtmp3.8/10, ML3.3/2, MS3.0/4, Ms1 3.1/4, ms1mx2.7/57, Error ellipse: s-maj=30.4km s-min=18.3km az=83.0

ISCJB 26 17:30:46.6.1.3, 35.50N:0.04:141.50E:0.08, h27km, 7km, mb3.8/8, MS3.2/2, Error ellipse: s-maj=11.1km s-min=5.7km az=167.1

JMA 26 17:30:46.6.0.2, 35.52N:141.46E, h14km, 2km, M3.5, ISC 26 17:30:46.3.2.0, 35.49N:0.04:141.47E:0.08, h13km, 11km, n33, e068/30, mb3.9/8, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes CHQJ Chosi, CHQJ Chosi, BSO1 Boso, BSO1 Boso, BSO2 Boso, BSO2 Boso, ISQJP ISUMI INFRASON, JCN Nagara, BSO3 Boso, BSO4 Boso, BSO4 Boso, JYO Yatao, JYT Yitachi, JHM Hatashi, JHM Hatashi, JIM2 Oshima 3, JAG Ashikaga, JODJ Odawara 2, JWRJ Hachijo jima 2, JHU Honshu, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MAT Matsushiro, MAT Matsushiro, KRS Korea Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, SONM Songoing Array, CMAR Chiang Mai Arr, ZALV Zalesovo Beam, ILAR Eielson Array.

IDC 26 17:30:44.4.1.2, 18.66S:167.51E, h0km, mb4.2/9, mb1 4.4/10, mb1mx4.1/26, mbtmp4.2/10, ML3.6/1, Error ellipse: s-maj=37.1km s-min=24.3km az=124.0

ISCJB 26 17:30:49.0.1.1, 18.82S:0.08:167.2E:0.2, h25km, mb4.2/9, Error ellipse: s-maj=22.3km s-min=10.9km az=172.7

ISC 26 17:30:49.4.1.0, 18.75S:0.10:167.3E:0.2, h25km, n12, e1957/15, mb4.0/9, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes DZM Mont Dzumac, DZM Stephens Creek, CTA Charters Tower, URZ Urewera, STKA Stevens Creek, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, NWAON Narrogin (SRO), CMAR Chiang Mai Arr, MAW Mawson, SONM Songoing Array, ILAR Eielson Array, TORD Torod Ar. Bea.

MEX 26 17:33:09.2.0.4, 27.53N:111.59W, h10km, 7km, MD3.6, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes SRIG Santa Rosalia, GUYB Guaymas, HSIG Hualde, HSIG Hualde, SRIG Santa Rosalia, GUYB Guaymas, HSIG Hualde, HSIG Hualde.

IDC 26 17:37:48.1.1.7, 18.72S:167.59E, h0km, mb4.1/8, mb1 4.3/9, mb1mx4.0/33, mbtmp4.1/9, ML3.3/1, MS3.4/1, Ms1 3.4/1, ms1mx2.8/29, Error ellipse: s-maj=46.3km s-min=23.3km az=123.0

ISCJB 26 17:37:50.1.1.3, 18.81S:0.08:167.5E:0.2, h25km, mb4.0/7, MS3.2/1, Error ellipse: s-maj=29.9km s-min=10.4km az=9.2

ISC 26 17:37:51.8.1.4, 18.8S:0.1:167.6E:0.2, h25km, n11, e1914/11, mb3.9/7, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes DZM Mont Dzumac, DZM Stephens Creek, PMG Port Moresby, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, MJAR Matsushiro Arr, CMAR Chiang Mai Arr, SONM Songoing Array, ILAR Eielson Array, TORD Torod Ar. Bea.

IDC 26 17:39:14.8.2.0, 18.63S:167.49E, h0km, mb3.9/3, mb1 4.1/4, mb1mx3.7/33, mbtmp3.8/4, ML3.1/1, Error ellipse: s-maj=55.9km s-min=32.4km az=130.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, TORD Torod Ar. Bea.

NEIC 26 17:44:23.1, 36.60N:121.21W, h9km, ML3.3(NCEDC), After NCEDC.

NEIC Felt [III] at Soledad and [II] at Hollister. Also felt at Carmel, Carmel Valley, Gonzales, Los Banos, Paicines, San Jose and Soquel.

ISC 26 17:44:22.7.0.9, 36.59N:0.02:121.27W:0.02, h14km, 6km, n110, e1910/17, Central California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, TORD Torod Ar. Bea.

NEIC 26 17:44:22.7.0.9, 36.59N:0.02:121.27W:0.02, h14km, 6km, n110, e1910/17, Central California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes EKH Elkhorn Ranch, JHC Johnson Canyon, GPM Pinacles, BCGM Cienega Road.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes PCT Emmet, SBT San Benito, BVVM Vineyard, BSRM Salinas Radio, SAO San Andreas Ge, WCA Soledad Missio, LRV Little Rabbit, BPCNC Pine Canyon, HSFM Saint Francis, HBTM San Juan Bauti, BCWM Chews Ridge, OCB Orange Cone, HTUM Tustin Road, ANZ Anzar Road, BPRM Ponciano Ridge, BRMM Rolling Bench, CSR Cass Springs, HCOM Corn Cob Canyo, CBC Chamberlain, SFJWR San Luis Fatjo, HPCM Pacheco Lake, SLD San Luis Dam, OCB Orange Cone, HSLM San Luis Dam, PMPB Monarch Peak, GHS Gilroy Hot Spr, HPLM Lions Peak, HPLM Lions Peak, IELB Pleasant Sant, PEV Sheepshead Valle, SKWR San Luis Creek, PTV Peach Tree Val, PAPM Alder Peak, PAB Antelope Hill, CCOB Coe Ranch Numb, PSMH Smith Mountain, JSTM Santa Teresa H, JCMU University of, CPM Milkes Peak, SOS Soda Springs, ARN Arnold Ranch, MHC Mount Hamilton, PAMM San Antonio Re, CMHM Mount Mocho, JBNL Ben Lomond Mou, JMLM Mount Lewis, CVC Calaveras Reese, CVR Stevens Creek, WKR Work Ranch, JWRM Joaquin Road, JFP Foothills Park, BLDC Black Mountain, JFJB Stanford Teles, BGH Bear Gulch, PAB Antelope Grade, JHPM Huddart Park, CBSNC Byron Hot Spri, JCHM Cahill Ridge, CLCB Lake Chabot, CDCB Valencia Creek, DPD Diablo Peak, DCD Diablo Creek, JSBM San Bruno Mount, CMB Columbia Colie, SMMC Simmler, bazz=323

RCTC Rector, Farmer, bazz=323

YES Vesta, Richgr, bazz=294

MCMC Marcoro Confer, bazz=294

PKM Mcpherson Peak, bazz=327

MLAC Mammoth, Mammo, bazz=242

MLAC Mammoth, Mammo, bazz=242

AFDM Forest Hills D, bazz=242

WAKR Walker Lake, bazz=294

ISA Isabel Lake, bazz=294

ISA Isabel Lake, bazz=294

TIN Tinemaha, Big, bazz=260

TIN Tinemaha, Big, bazz=260

GDXM Geysers, bazz=260

CWC Cottonwood Cre, bazz=275

CWC Cottonwood Cre, bazz=275

TVH3 East Aurora ar, bazz=251

TVH2 Borealis Mine, bazz=251

TVH1 T Hill, Hawth, bazz=251

HOPS Hopland Field, bazz=251

PNTR Pine Nut, bazz=251

OSI Osto Audit: C, bazz=315

OSI Osto Audit: C, bazz=315

OSI Osto Audit: C, bazz=315

VERR Verendrye, bazz=275

ORR Oroville, bazz=275

DMC Darwin (Calif), bazz=275

PAC Manual Prospec, bazz=275

LRCM Laurel Mtn Rad, bazz=292

GRAC Grapevine Rang, bazz=264

EDW2 Edwards Air Fo, bazz=274

WSHM Spangler Hills, bazz=274

MWC Mount Wilson, bazz=274

FURC Furnace Creek, bazz=274

SNCC San Nicolas Is, bazz=310

BFSC Mount Baldy Ra, bazz=310

GSC Goldstone, Bar, bazz=294

GSC Goldstone, Bar, bazz=294

TPNV Topopah Spring, bazz=294

WDRM Mail Ridge, bazz=294

WDC Whiskeytown Da, bazz=294

RHTA Troy Canyon, C, bazz=294

SRHP Sheep Range, bazz=294

SJA 26 17:50:30.9.0.9, 28.25S:71.93W, h40km, ML3.8, MW3.5, ISCJB 26 17:50:32.1.1.1, 28.33S:0.04:71.71W:0.09, h10km, Error ellipse: s-maj=5.8km az=8.9

GUC 26 17:50:35.5.0.5, 28.49S:71.27W, h35km, 4km, ML3.3, ISC 26 17:50:33.0.1.1, 28.37S:0.05:71.53W:0.09, h10km, n22, e248/36, 2C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes VACH Vallenar, LCO Las Campanas, LCO Las Campanas, LCO Las Campanas, CDCH Caldera, CPCH Copiapo, CPCH Copiapo, TLL Tololo Astrono, TLL Tololo Astrono, TLL Tololo Astrono, AGUA GUANDACO, AGUA GUANDACO.

26d 18h

Table with columns: VCA, Vinchina, 2.94 98 i P Pn, 17 51 22.8 +2.7, 17 52 00.7 -1.1, 17 52 10.7

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

ISC/JB 26 18:23:36.9, 1.4, 45:16S; 0:04:166:6E:0:1, h12km, mb3.0/1, Error ellipse: s-maj=10.7km s-min=5.0km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

2011 AUG

1.5nm, 0.6s, bazu=148, slow=1.9, SNR=15 FINES FINESS Array B 151.97 320 PKPbc PKPbc 18 43.314 -0.8

IDC 26 18:25:18.4: 1.4, 1:02N-97:16E, h0km, mb3.8/8, mb1 3.9/9, mb1mx3.6/59, mbtmp3.8/9, ML4.3/1, Error ellipse: s-maj=2.3km s-min=1.8km az=61.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 26 18:25:46.6: 1.5, 0:91N-97:10E, h0km, mb3.8/7, mb1 3.9/9, mb1mx3.6/60, mbtmp3.8/9, ML3.8/2, Error ellipse: s-maj=4.4km s-min=2.0km az=59.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 26 18:48:36.2: 1.3, 0:97N-97:15E, h0km, mb4.0/8, mb1 4.0/10, mb1mx3.8/41, mbtmp3.9/10, ML3.9/2, MS3.2/4, MS1 3.2/4, ms1mx2.8/50, Error ellipse: s-maj=36.2km s-min=20.7km az=62.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

1392

Error ellipse: s-maj=3.4km s-min=2.8km az=1.9 VIE 26 18:50:23.2, 0.8, 50:16N-12:47E, h8km, ML2.4/4, Error ellipse: s-maj=7.1km s-min=4.3km az=57.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CONA, ABTA, CSEM.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SANT, NPS, ZKR, LAST, ANOYIA, KARP.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GCAM, BDRM, DDA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IJCH, BSO1, KTR, JCN, BSO3, BSO4.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PB01, PB02, PB07, HMCB, PB06.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PB04, PB04, MNMC, LPAZ, LPZD.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR, WRA, IDC.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DZM, DZM, STKA, WRA, ILAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CSEM, DDA, ISK, IDC.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ESKT, ESKT, SEVT, SVRH, BORA, BORA, MDUB, MDUB, GULT, GULT, BTAS, BTAS, BOLV, BOLV, KIZT, KIZT, KIZT, SAHE.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IDC, DDA, ISK, IDC.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IDC, DDA, ISK, IDC.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SAHE, SAHE, SHUT, SHUT, TVSB, TVSB, CMDR, CMDR, CMDR, CMDR, BCAM, BCAM, BCAM, BCAM, KDHN, KDHN, KDHN, KDHN, KAND, KAND, KAND, KAND, AFSR, AFSR, AFSR, AFSR, CHBY, CHBY, CHBY, CHBY, KONT, KONT.

NIED 26 19:10:00.35:50N:141:40E, h5km, Mw4.2 Best double couple: Mo1.930000:1015 NP1a:309.00000:82.00000, lambda:122.00000. NP2a:161.00000,888.00000, lambda:89.00000.

IDC 26 19:10:09.1:0.9, 35:48N:141:48E, h0km, mb3.9/9, mb1 3.9/12, mb1mx3.7/66, mbtmp3.8/12, ML3.5/2, MS3.2/5, Ms1 3.2/5, ms1mx2.9/46, Error ellipse: s-maj=28.0km s-min=16.8km az=77.0.

ISCJCB 26 19:10:10.7:1.2, 35:50N:0.04:141:51E:0.07, h23km, 7km, mb3.9/10, MS4.1/2, Error ellipse: s-maj=10.1km s-min=6.4km az=150.9.

JMA 26 19:10:11.8:0.1, 35:53N:141:42E, h15km, 2km, M3.7, NEIC 26 19:10:14.4:0.7, 35:50N:141:47E, h35km, mb4.0/1, Error ellipse: s-maj=19.0km s-min=13.1km az=209.0.

ISC 26 19:10:10.7:1.9, 35:48N:0.04:141:47E:0.07, h11km, 10km, n40, c1929/39, mb4.0/10, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CHJO, CHJO, BSO1, KTR, JCN, BSO3, BSO4, BSO5, JYT, JYT, JIM2, JAG, JAG, JAG, JOD2, JHJ, JHJ, JHJ.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HJH, MJAR, MJAR, MJAR, MAJO, MAJO, MAJO, MAJO, MAT, MAT, MAT, KSRs, KSRs, KSRs.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MJAR, MAJO, MAJO, MAJO, MAT, MAT, MAT, KSRs, KSRs, KSRs.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KSRs, KSRs, KSRs, KSRs, KSRs, KSRs, KSRs, KSRs, KSRs, KSRs.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, H1S2.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SONM, ZALV, KURK, KURB, ILAR, WRA, ARU, ARU, ABKAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR, FINES, NB2, NOA, URZ, RPZ, LPAZ.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR, FINES, NB2, NOA, URZ, RPZ, LPAZ.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IDC, DDA, ISK, IDC.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IDC, DDA, ISK, IDC.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IDC, DDA, ISK, IDC.

IDC 26 19:15:09.6:2.3, 5:71S:151:36E, h0km, mb3.7/3.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like mb1 3.9/4, mb1mx3.5/46, mbtmp3.7/4, ML2.0/1, Error ellipse: s-maj=108.4km s-min=38.0km az=131.0, New Britain region.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DDA, CSEM, ISK, IDC.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SERE, SERE, SERE, AKSY, AKSY, AKSY, KULU, KULU, AFSR, AFSR, KKUL, KKUL, BBAL, BBAL, BBAL, CDAG, CDAG, CDAG, SULT, SULT, SULT, AVNS, AVNS, AVNS, CORM, CORM, CORM, KDHN, KDHN, KDHN, KDHN, KIZT, KIZT, KIZT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SERE, SERE, SERE, AKSY, AKSY, AKSY, KULU, KULU, AFSR, AFSR, KKUL, KKUL, BBAL, BBAL, BBAL, CDAG, CDAG, CDAG, SULT, SULT, SULT, AVNS, AVNS, AVNS, CORM, CORM, CORM, KDHN, KDHN, KDHN, KDHN, KIZT, KIZT, KIZT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SERE, SERE, SERE, AKSY, AKSY, AKSY, KULU, KULU, AFSR, AFSR, KKUL, KKUL, BBAL, BBAL, BBAL, CDAG, CDAG, CDAG, SULT, SULT, SULT, AVNS, AVNS, AVNS, CORM, CORM, CORM, KDHN, KDHN, KDHN, KDHN, KIZT, KIZT, KIZT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SERE, SERE, SERE, AKSY, AKSY, AKSY, KULU, KULU, AFSR, AFSR, KKUL, KKUL, BBAL, BBAL, BBAL, CDAG, CDAG, CDAG, SULT, SULT, SULT, AVNS, AVNS, AVNS, CORM, CORM, CORM, KDHN, KDHN, KDHN, KDHN, KIZT, KIZT, KIZT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SERE, SERE, SERE, AKSY, AKSY, AKSY, KULU, KULU, AFSR, AFSR, KKUL, KKUL, BBAL, BBAL, BBAL, CDAG, CDAG, CDAG, SULT, SULT, SULT, AVNS, AVNS, AVNS, CORM, CORM, CORM, KDHN, KDHN, KDHN, KDHN, KIZT, KIZT, KIZT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SERE, SERE, SERE, AKSY, AKSY, AKSY, KULU, KULU, AFSR, AFSR, KKUL, KKUL, BBAL, BBAL, BBAL, CDAG, CDAG, CDAG, SULT, SULT, SULT, AVNS, AVNS, AVNS, CORM, CORM, CORM, KDHN, KDHN, KDHN, KDHN, KIZT, KIZT, KIZT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SERE, SERE, SERE, AKSY, AKSY, AKSY, KULU, KULU, AFSR, AFSR, KKUL, KKUL, BBAL, BBAL, BBAL, CDAG, CDAG, CDAG, SULT, SULT, SULT, AVNS, AVNS, AVNS, CORM, CORM, CORM, KDHN, KDHN, KDHN, KDHN, KIZT, KIZT, KIZT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SERE, SERE, SERE, AKSY, AKSY, AKSY, KULU, KULU, AFSR, AFSR, KKUL, KKUL, BBAL, BBAL, BBAL, CDAG, CDAG, CDAG, SULT, SULT, SULT, AVNS, AVNS, AVNS, CORM, CORM, CORM, KDHN, KDHN, KDHN, KDHN, KIZT, KIZT, KIZT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SERE, SERE, SERE, AKSY, AKSY, AKSY, KULU, KULU, AFSR, AFSR, KKUL, KKUL, BBAL, BBAL, BBAL, CDAG, CDAG, CDAG, SULT, SULT, SULT, AVNS, AVNS, AVNS, CORM, CORM, CORM, KDHN, KDHN, KDHN, KDHN, KIZT, KIZT, KIZT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SERE, SERE, SERE, AKSY, AKSY, AKSY, KULU, KULU, AFSR, AFSR, KKUL, KKUL, BBAL, BBAL, BBAL, CDAG, CDAG, CDAG, SULT, SULT, SULT, AVNS, AVNS, AVNS, CORM, CORM, CORM, KDHN, KDHN, KDHN, KDHN, KIZT, KIZT, KIZT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SERE, SERE, SERE, AKSY, AKSY, AKSY, KULU, KULU, AFSR, AFSR, KKUL, KKUL, BBAL, BBAL, BBAL, CDAG, CDAG, CDAG, SULT, SULT, SULT, AVNS, AVNS, AVNS, CORM, CORM, CORM, KDHN, KDHN, KDHN, KDHN, KIZT, KIZT, KIZT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SERE, SERE, SERE, AKSY, AKSY, AKSY, KULU, KULU, AFSR, AFSR, KKUL, KKUL, BBAL, BBAL, BBAL, CDAG, CDAG, CDAG, SULT, SULT, SULT, AVNS, AVNS, AVNS, CORM, CORM, CORM, KDHN, KDHN, KDHN, KDHN, KIZT, KIZT, KIZT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SERE, SERE, SERE, AKSY, AKSY, AKSY, KULU, KULU, AFSR, AFSR, KKUL, KKUL, BBAL, BBAL, BBAL, CDAG, CDAG, CDAG, SULT, SULT, SULT, AVNS, AVNS, AVNS, CORM, CORM, CORM, KDHN, KDHN, KDHN, KDHN, KIZT, KIZT, KIZT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SERE, SERE, SERE, AKSY, AKSY, AKSY, KULU, KULU, AFSR, AFSR, KKUL, KKUL, BBAL, BBAL, BBAL, CDAG, CDAG, CDAG, SULT, SULT, SULT, AVNS, AVNS, AVNS, CORM, CORM, CORM, KDHN, KDHN, KDHN, KDHN, KIZT, KIZT, KIZT.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SERE, SERE, SERE, AKSY, AKSY, AKSY, KULU, KULU, AFSR, AFSR, KKUL, KKUL, BBAL, BBAL, BBAL, CDAG, CDAG, CDAG, SULT, SULT, SULT, AVNS, AVNS, AVNS, CORM, CORM, CORM, KDHN, KDHN, KDHN, KDHN, KIZT, KIZT, KIZT.

26d 20h

Table with columns for station name, frequency, power, and signal quality. Includes stations like Panska Ves, Pruhonice, Timpagrande, etc.

2011 AUG

Table with columns for station name, frequency, power, and signal quality. Includes stations like L'Aquila, NORSAR Array S, Grafenberg, etc.

1398

Table with columns for station name, frequency, power, and signal quality. Includes stations like Stuttgart, Padang Panjang, Tiksi, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JNU, MAS, JOW, SSB, KSI, TGQ, CMAH, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GAL1, MJB9, MAJO, MAJU, MAJQ, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PVAQ, LUWI, LUWU, PCVE, etc.

26/20h

Table with columns for name, time, date, and status. Includes entries like EGAK Eagle, DHY Denali Highway, DOT Dot Lake, etc.

2011 AUG

Table with columns for name, time, date, and status. Includes entries like EYMM Ely, C38A Sawhill Land, B32A Ashes, Strandq, etc.

1400

Table with columns for name, time, date, and status. Includes entries like ATCC Alum Creek Sta, RL14 Preston, HLID Hailey, etc.

MEX 26:36:41.0±0.4, 17.06N×100.02W, h49km±9km, MD3.9, Guerrero

26d 21h

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like MA2 Magadan, MA2 Magadan, MA2 Magadan, etc.

2011 AUG

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like ZALV Zalesovo Beam, WMQ Urumqi, WMQ Urumqi, etc.

1402

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like MLR Muntele Rosu, VYHS Vyhne, VYHS Vyhne, etc.

DC 26 21:00.05.7.1.24:06:56:75W, h176km, gkm, mb4.1/13, mb1.4/2.17, mb1mx4.1/38, mbtmp4.5/17, MS3.5/2, Ms1.3.6/2, ms1mx2.8/27, Error ellipse: s-maj=15.3km

SJA 26 21:00.05.6.0.5.24:15:56:69W, h207km, gkm, ML2.8, MW4.4

ISCJB 26 21:00.07.0.0.2.23:97:5:0:04:66:83W:0:04, h200km, mb4.5/74, Error ellipse: s-maj=6.8km s-min=4.2km az=2.2

NEIC 26 21:00.6.0.6.0.5.24:11:56:69W, h183km, gkm, mb4.6/63, Error ellipse: s-maj=7.9km s-min=6.0km az=63.0

NEIC Felt at San Salvador de Jujuy, GUC 26 21:00.07.7.0.3.23:97:5:0:04:66:83W:0:04, h200km, ML5.0

ISC 26 21:00.06.0.0.4.24:12:5:0:05:66:93W:0:05, h181km, m432, s1905/442, mb4.6/74, 6C, Salta Province

Table with columns for Code, Station Name, Azimuth, Elevation, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SLA San Lorenzo, SLA San Lorenzo, SLA San Lorenzo, etc.

836A	Smothers Creek	60.65	330	P	P	21	09	59.1	+1.1
439A	Center Grove,	60.77	333	P	P	21	09	59.7	+1.0
833A	Chaparral WMA,	60.80	327	P	P	21	09	59.6	+0.7
734A	La Parita Cree	60.83	328	P	P	21	09	59.7	+0.6
537A	Green Hill Far	60.83	331	P	P	21	09	59.8	+0.7
340A	Bronson	60.95	334	P	P	21	10	01.0	+1.1
Y47A	UCPARC, Winfie	61.04	340	P	P	21	10	00.1	-0.4
832A	Faith Ranch, C	61.06	327	P	P	21	10	01.1	+0.4
733A	Divot King Ran	61.08	328	P	P	21	10	01.5	+0.6
143A	Soes Landing,	61.14	336	P	P	21	10	02.4	+1.3
Z45A	Winona	61.14	338	P	P	21	10	01.0	-0.2
Y46A	Houston	61.34	339	P	P	21	10	02.4	-0.1
338A	Crockett	61.49	332	P	P	21	10	04.7	+1.1
Y45A	Yeager Farm, C	61.55	339	P	P	21	10	04.3	+0.4
436A	Wall Ranch, Ga	61.63	331	P	P	21	10	05.7	+1.2
633A	Saathoff Ranch	61.63	328	P	P	21	10	05.2	+0.6
337A	Centerville	61.70	332	P	P	21	10	06.1	+1.2
534A	Blanco	61.77	329	P	P	21	10	05.6	+0.1
533A	Kerrville	62.07	329	P	P	21	10	08.3	+0.8
336A	Riesel	62.18	331	P	P	21	10	08.8	+0.6
Y42A	Garnett, Star	62.30	337	P	P	21	10	08.9	0.0
434A	Burnet	62.34	330	P	P	21	10	09.6	+0.4
335A	Moody	62.35	331	P	P	21	10	09.7	+0.4
Z40A	Long Farm, Mag	62.38	335	P	P	21	10	09.7	+0.3
138A	Matatall Enter	62.53	333	P	P	21	10	11.7	+1.3
236A	Katherine and	62.57	332	P	P	21	10	10.9	+0.2
433A	Art	62.67	329	P	P	21	10	11.5	0.0
137A	Heron Place, G	62.75	333	P	P	21	10	12.8	+0.8
334A	Lometa	62.76	330	P	P	21	10	12.2	+0.1
JCT	Junction City	62.78	328	P	P	21	10	12.6	+0.4
JCT	Junction City	62.78	328	eP	P	21	10	12.9	+0.7
X42A	Stuttgart	62.89	337	P	P	21	10	13.8	+1.1
WHXT	Lake Whitney,	62.96	331	P	P	21	10	13.6	+0.2
WHXT	Lake Whitney	62.96	331	eP	P	21	10	13.7	+0.4
Z38A	Mt. Pleasant	63.00	334	P	P	21	10	14.5	+0.9
Y40A	Okolona	63.01	336	P	P	21	10	14.2	+0.6
V45A	Humboldt	63.08	340	P	P	21	10	13.0	-1.0
333A	Richland Sprin	63.10	329	P	P	21	10	14.4	+0.1
Z37A	Pogue Cattle C	63.22	333	P	P	21	10	14.6	-0.4
Y39A	Lockesburg	63.25	335	P	P	21	10	15.8	+0.6
234A	Claireburg	63.28	330	P	P	21	10	15.8	+0.4
135A	Vickery Place,	63.43	331	P	P	21	10	16.8	+0.4
MIAR	Mount Ida	63.59	336	P	P	21	10	17.6	+0.2
Z36A	Blue Ridge	63.62	333	P	P	21	10	18.2	+0.6
233A	Rising Star	63.64	330	P	P	21	10	18.0	+0.2
W41B	Gary Mavity, V	63.67	337	P	P	21	10	18.0	+0.2
134A	White-Moore Ra	63.73	331	P	P	21	10	18.5	+0.1
X39A	Fountain Ranch	63.77	335	P	P	21	10	19.1	+0.5
TX31	Lajitas Ar. Si	63.81	324	eP	P	21	10	19.7	+0.6
TXAR	Lajitas Ar. Si	63.81	324	P	P	21	10	19.7	+0.6
V42A	Cord	63.94	338	P	P	21	10	21.5	+1.9
W40A	Ferguson Farm,	63.98	336	P	P	21	10	20.3	+0.4
Z35A	Perchaven, San	64.02	332	P	P	21	10	20.7	+0.5
133A	Hamilton Ranch	64.14	330	P	P	21	10	21.7	+0.6
V41A	Mountainview	64.18	337	P	P	21	10	21.3	0.0
X38A	Whitesboro	64.18	335	P	P	21	10	21.8	+0.6
W39A	Magazine	64.25	336	P	P	21	10	22.1	+0.5
X37A	Clayton	64.33	334	P	P	21	10	22.6	+0.4
Z34A	Collier Ranch,	64.34	331	P	P	21	10	22.7	+0.4
U42A	Revendon	64.38	338	P	P	21	10	22.3	-0.2
W38A	Poteau	64.42	335	P	P	21	10	23.5	+0.8
Y35A	Marietta	64.42	332	P	P	21	10	22.7	-0.2
V40A	Witts Springs	64.44	337	P	P	21	10	22.8	-0.2
ABTX	Ablene, Hawle	64.49	330	P	P	21	10	23.8	+0.4
PBMO	Poplar Bluff	64.50	339	eP	P	21	10	22.8	-0.4
T44A	Benton	64.51	340	P	P	21	10	23.0	-0.3
U41A	Viola	64.60	338	P	P	21	10	23.9	-0.1
Z33A	Whitaker Ranch	64.64	331	P	P	21	10	24.6	+0.3
X36A	Centrahoma	64.71	333	P	P	21	10	24.6	0.0
T43A	Greenville	64.73	339	P	P	21	10	24.6	-0.2
S45A	Carrier Mills	64.75	341	P	P	21	10	24.2	-0.7
V39A	Pettigrew	64.77	336	P	P	21	10	25.1	0.0
Y34A	Reagan Ranch,	64.77	332	P	P	21	10	25.2	+0.1
X35A	Drake	64.82	333	P	P	21	10	25.1	-0.3
W37B	Quinton	64.83	334	P	P	21	10	25.9	+0.5
U40A	Yellville	64.94	337	P	P	21	10	26.2	0.0
S44A	Carbondale	64.97	341	P	P	21	10	25.5	-0.8
V38A	Canehill	65.07	336	P	P	21	10	26.9	-0.1
S43A	Fulton Ridge,	65.11	340	P	P	21	10	26.3	-0.9
W36A	Wetumka	65.15	334	P	P	21	10	27.3	-0.2
T41A	Mountain View	65.18	338	P	P	21	10	27.1	-0.6
U39A	Green Forest	65.19	337	P	P	21	10	27.5	-0.3
Y33A	Hilltop Ranch,	65.19	331	P	P	21	10	28.1	+0.3
HHAR	Hobbs	65.27	336	eP	P	21	10	28.5	+0.2
X34A	Smith Ranch, M	65.35	332	P	P	21	10	29.3	+0.4

V37A	Hulbert	65.37	335	P	P	21	10	28.9	0.0
W35A	Tecumseh	65.43	333	P	P	21	10	29.1	-0.2
R44A	Waltonville	65.43	341	P	P	21	10	28.5	-0.7
S42A	Caledonia	65.52	339	P	P	21	10	28.8	-1.0
T40A	Mansfield	65.54	338	P	P	21	10	29.7	-0.3
U38A	Gravette	65.58	336	P	P	21	10	30.3	0.0
X33A	Lawton	65.59	332	P	P	21	10	30.3	-0.1
V36A	Jenks	65.60	334	P	P	21	10	30.6	+0.2
TUL1	Leonard	65.65	335	P	P	21	10	31.4	+0.7
S41A	Jillico Farms,	65.67	339	P	P	21	10	30.4	-0.4
T39A	Cleaver	65.73	337	P	P	21	10	31.4	+0.2
U37A	Salina	65.82	335	P	P	21	10	32.0	+0.2
X32A	Elmer	65.83	331	P	P	21	10	31.4	-0.5
N54A	Moraine State	65.88	349	P	P	21	10	31.3	-0.8
WMOK	Wichita Mounta	65.88	332	P	P	21	10	32.1	-0.1
S40A	Lebanon	65.94	338	P	P	21	10	32.4	-0.1
V35A	Meyer Ranch, C	65.94	334	P	P	21	10	32.5	-0.1
R42A	Luobering	65.99	340	P	P	21	10	32.7	-0.1
Q44A	Meyer Farm, Va	66.02	341	P	P	21	10	32.2	-0.8
U36A	Oologah	66.05	335	P	P	21	10	33.7	+0.5
T38A	Diamond	66.07	336	P	P	21	10	33.4	0.0
W33A	Caddo, Fort Co	66.09	332	P	P	21	10	34.3	+0.7
R41A	Rosebud	66.19	339	P	P	21	10	33.7	-0.4
V34A	Guthrie	66.28	333	P	P	21	10	34.8	+0.1
S39A	Bolivar	66.30	337	P	P	21	10	34.9	0.0
T37A	Cheneyville 18	66.38	336	P	P	21	10	35.6	+0.2
W32A	Sentinel	66.41	331	P	P	21	10	36.0	+0.4
U35A	Pawnee	66.42	334	P	P	21	10	36.1	+0.5
P44A	Sand Creek, Wi	66.42	342	P	P	21	10	34.8	-0.7
S38A	Stockton	66.46	337	P	P	21	10	35.7	-0.1
R40A	Maddies Statio	66.48	338	P	P	21	10	35.7	-0.2
Q42A	Golden Eagle	66.48	340	P	P	21	10	35.6	-0.4
MNTX	Cornudas Mount	66.58	325	P	P	21	10	36.8	0.0
MNTX	Cornudas Mount	66.58	325	eP	P	21	10	36.7	-0.1
V33A	Lossen Ranch,	66.59	333	P	P	21	10	37.0	+0.3
T36A	Boggs Farm, Ca	66.69	335	P	P	21	10	37.3	0.0
Q41A	Truxton	66.74	340	P	P	21	10	37.2	-0.4
R39A	Chumby, Stover	66.76	336	P	P	21	10	37.7	-0.1
U34A	Anderson Ranch	66.80	333	P	P	21	10	38.4	+0.3
T35A	Sooner Cattle	66.81	335	P	P	21	10	38.5	+0.4
P43A	Skaggs, Pawnee	66.85	341	P	P	21	10	37.3	-1.0
SFIN	Lafayette	66.86	343	P	P	21	10	37.4	-0.8
S37A	Fort Scott	66.91	336	P	P	21	10	38.7	+0.1
R38A	Fenwick Farm,	66.95	337	P	P	21	10	38.8	-0.1
U33A	Lingo Farm, Me	67.04	333	P	P	21	10	39.6	0.0
P42A	Winchester	67.04	341	P	P	21	10	38.7	-0.7
Q40A	Laux Farm, Aux	67.05	339	P	P	21	10	39.4	-0.2
MSTX	Muleshoe	67.07	328	P	P	21	10	40.4	+0.4
MSTX	Muleshoe	67.07	328	eP	P	21	10	40.3	+0.3
S36A	Lake Cedric, C	67.16	336	P	P	21	10	40.1	-0.2
T34A	McClaskey Farm	67.17	334	P	P	21	10	40.6	+0.3
AMTX	Amarillo	67.30	329	P	P	21	10	41.5	+0.2
P41A	Barry, Barry	67.35	340	P	P	21	10	40.8	-0.6
R37A	Teagarden Farm	67.40	336	P	P	21	10	41.7	0.0
Q39A	Willow Grove F	67.40	338	P	P	21	10	41.4	-0.3
S35A	Otter Creek Ra	67.40	335	P	P	21	10	42.1	+0.3
P40A	Paris	67.53	339	P	P	21	10	42.3	-0.2
Q38A	Cooks Store, C	67.54	338	P	P	21	10	42.7	+0.1
HDIL	Hopedale	67.63	342	P	P	21	10	42.3	-0.8
R36A	Gordon, Harris	67.65	336	P	P	21	10	43.5	+0.1
P39B	Salisbury	67.72	339	P	P	21	10	43.3	-0.4
Q37A	Longview Farm,	67.76	337	P	P	21	10	44.0	0.0
R35A	Emporia Munci	67.91	335	P	P	21	10	45.4	+0.4
O40A	La Belle	68.01	340	P	P	21	10	45.0	-0.5
T32A	Huddler Ranch,	68.01	333	P	P	21	10	46.0	+0.3
P38A	Dawn	68.11	338	P	P	21	10	45.9	-0.3
R34A	Isabella, Hill	68.30	335	P	P	21	10	47.7	+0.3
Q35A	Mercer Eighty,	68.32							

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Milaca, Monument Peak, Carlson Farm, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Walker, Holmes Hill, Yerr, Dagmar, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like JBP, JIRN, Kurbb, etc.

CSEM 26 21:07:11.9, 37:90N-22:61E, h11km, ML1.9/1
ATH 26 21:07:11.9, 37:90N-22:61E, h11km, 4km, ML1.9/1, Error ellipse: s-maj=4.5km s-min=1.0km az=34.0, Southern Greece

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Thal, Thalero, etc.

SIGU 26 21:11:22.7, 48:12N-23:24E, h2km, mb0.8, Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like KORU, KORU, etc.

ISCJB 26 21:13:48.9, 0.5, 50:23N-0:02-12:53E, 0:03, h13km, 5km, Error ellipse: s-maj=3.5km s-min=2.9km az=174.6

CSEM 26 21:13:49.8, 0.1, 50:23N-12:51E, h10km, ML2.7/9, Error ellipse: s-maj=2.7km s-min=2.1km az=49.0

VIE 26 21:13:50.4, 0.9, 50:16N-12:33E, h8km, mb2.0/1, ML2.2/3, Error ellipse: s-maj=2.6km s-min=3.9km az=57.0

PRU 26 21:13:50.7, 50:26N-12:53E, h1km, West Bohemia Swam

CLL 26 21:13:50.9, 0.3, 50:33N-0:18-12:51E, h8km, 1km, ml2.1 BGR 26 21:13:50.4, 0.2, 50:25N-12:45E, h10km, 1km, ML2.2/6, Error ellipse: s-maj=2.2km s-min=1.1km az=104.0

ISC 26 21:13:50.5, 0.6, 50:24N-12:45E, 0:02, h11km, 3km, mb2.0, 0.58N/12.5E, Germany

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like NKCC, NKCC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUNZ, MUL, WERD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KLR, SOMN, ZALV, etc.

NEIC 26 21:20:30.8, 66:37N:142:36W, h13km, ML3.5(AEIC), After AEIC. PGC 26 21:20:30.6, 0.0, 66:45N:142:18W, h5km, ML3.5/5, 295km northwest of Dawson, Yt Northern Alaska. ISC 26 21:20:28.6, 1.5, 66:41N:103:042:24W, 0.0, 3, h0km, 11km, n60, i167/82, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FYU, BM3, BM01, EGAK, etc.

MOS 26 21:20:25.4, 0.8, 51:36N:154:37E, h493km, mb3.6/2, Error ellipse: s-maj=25.7km s-min=17.5km az=70.6. ISCJB 26 21:20:28.3, 0.7, 51:9N:0.1:154:9E, 0.1, h500km, mb3.1/3, Error ellipse: s-maj=19.3km s-min=8.7km az=177.6.

KRSC 26 21:20:29.2, 1.4, 51:61N:155:54E, h506km, 14km, ML4.9. IDC 26 21:20:29.7, 1.6, 52:34N:153:23E, h420km, 17km, mb3.0/12, mb1 3.1/14, mb1mx2.9/70, mbtmp3.8/14, Error ellipse: s-maj=20.6km s-min=17.4km az=15.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKR, PETK, RUS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PET, AVH, UGLR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKZ, KLR, KURK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BVAR, ARCES, FINES, etc.

CSEM 26 21:29:39.4, 41:24N:43:76E, h0km, ML1.2. TIF 26 21:29:39.4, 41:24N:43:76E, h8km, 1km, Turkey-Greece-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BGD, TXAR, GERES, etc.

WEL 26 21:32:43.6, 0.2, 45:07S:167:46E, h94km, 1km, ML3.9/15, 5C-4D, Error ellipse: s-maj=1.5km s-min=1.0km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DCZ, MSZ, MLZ, etc.

ODZ 26 21:41:07.5, 1.1, 37:49S:075:176E, h580km, 8km, mb3.6/3, Error ellipse: s-maj=9.3km s-min=6.7km az=144.6.

NEIC 26 21:41:06.5, 37:43S:176:57E, h219km, MG4.7(WEL), After WEL. IDC 26 21:41:08.1, 5.2, 37:40S:175:53E, h136km, 147km, Error ellipse: s-maj=17.7km s-min=23.1km az=132.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ODX, MQZ, LTZ, etc.

WEL 26 21:41:07.0, 0.3, 37:46S:176:57E, h182km, 2km, ML4.7/55, Error ellipse: s-maj=1.1km s-min=1.1km az=0.0. WEL Fell in the Bay of Plenty region. ISC 26 21:41:07.5, 1.1, 37:67S:076:176E, h45E, 0.06, h214km, 7km, n205, i193/209, mb3.8/3, 18C-22D, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TGRZ, TOZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIED, JMA, BOSO, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like URZ Urewhera, URZ Urewhera, URZ Urewhera, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PRXZ Pawanui, PRXZ Pawanui, PRXZ Pawanui, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include MFID Camas Ranch, FINES FINES Array B, PKM Mpherson Peak, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include Q24A Divide, STHS Stebnicka Huta, STHS Stebnicka Huta, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include NKC Novy Kostel, WERN Wertitzgruen, WERN Wertitzgruen, etc.

ISCJB 26 22:22:13.4.0.5, 50.23N.0.02:12:52E.0.03, h15km, 5km, Error ellipse: s-maj=3.7km s-min=3.2km az=174.9, CSEM 26 22:22:14.3.0.1, 50.23N.12:49E, h10km, ML2.7/4, Error ellipse: s-maj=1.3km s-min=1.0km az=47.0, BGR 26 22:22:14.8.0.2, 50.24N.12:45E, h11km, ML2.0/6, Error ellipse: s-maj=2.2km s-min=1.1km az=101.0, PRU 26 22:22:15.3.0.27N.12:55E, h0km, West Bohemia Swam

26d 22h

Table with columns: RETA, FETA, DAVOX, Davos, ISK, DDA, IDC, NSSC, ISCSJB, CSEM, NEIC, ATH, THE, NIC, HLW, ISC, N313, etc. containing station names and coordinates.

Main table of station data with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res, etc. listing various stations like KARP, ARG, NIS1, etc.

2011 AUG

Main table of station data with columns: ELL, IDI, GOLH, etc. listing stations like Elmali, Anoyia, Golhisar, etc.

1410

Main table of station data with columns: DSF, PYL, PVL, etc. listing stations like Desfina, PYLOS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JOW Kunigami, MJAR Matushiro Arr, KSRS Korea Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRNET 26:22:36,22.3,0.1,41.61N,76:42E, h13km, mb4.0, NNRN Naryn, ULHL Ulahol, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PDGK Podgornoye, MNBS Baschi, MNBS Manas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 26:22:49:27.6,8.0,22:36N,146.06E, h0km, mb3.5/5, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NEIC 26:22:52:27.37,89N,77.94W, h0km, MD2.1(CERI), After CER1, Virginia, etc.

NNC 26:23:01:23.9,6.4, 40.65N,74.72E, h0km, mb4.0, mpv3.6, Error ellipse: s-maj=44.5km s-min=25.6km az=177.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NRN Naryn, KZAR Kyzart, UCH Uchtor, etc.

26d 23h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Erkin-Say, Tokmak 2, Merke, Kasteik, etc.

ATH 26 23:18:13.8, 40°16'N-25°05'E, h28km, 1km, ML2.4, Error ellipse: s-maj=1.9km s-min=1.2km az=178.0

ISCJB 26 23:18:14.0, 40°21'N-25°10'E, h5km, MD2.8

CSEM 26 23:18:14.4, 40°20'N-25°05'E, h12km, ML2.4, Error ellipse: s-maj=5.0km s-min=4.2km az=5.8

DDA 26 23:18:14.1, 40°21'N-25°07'E, h7km, MD2.7

ISC 26 23:18:14.1, 40°21'N-25°07'E, h12km, gkm, n39, c055/55, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LIA, SMTH, GADA, etc.

2011 AUG

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Polygyros, Edirne-Kesan, etc.

WEL 26 23:30:29.0, 3.41°17'S-172°92'E, h157km, 2km, ML3.6/17, 8C-2D, Error ellipse: s-maj=1.8km s-min=1.8km az=0.0, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Nelson, Quartz Range, Tophouse, etc.

ISCJB 26 23:31:10.5, 0.5, 36°30'N-0°03'-28°05'E, 0.04, h4km, 5km, Error ellipse: s-maj=5.7km s-min=4.5km az=26.5

ATH 26 23:31:10.6, 36°25'N-28°04'E, h14km, 2km, ML2.3, Error ellipse: s-maj=3.9km s-min=1.6km az=179.0

CSEM 26 23:31:10.9, 36°29'N-28°07'E, h5km, ML2.3

ISC 26 23:31:11.0, 36°29'N-28°11'E, h7km, MD2.6

DDA 26 23:31:11.0, 36°29'N-28°07'E, h7km, MD2.7

ISC 26 23:31:10.4, 1.36°34'N-0°03'-28°07'E, 0.02, h3km, 10km, n40, c140/51, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARG, MRSB, DATC, etc.

1412

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kastellorizon, Kas, etc.

IDC 26 23:32:03.0, 32.0, 5°01'N-122°73'E, h0km, mb3.7/4, mb1.3/9.4, mb1mx3.4/6.4, mbtmp3.7/4, Error ellipse: s-maj=570.9km s-min=143.3km az=136.0, Celebes Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ, WRA, ASAR, STKA, etc.

ISCJB 26 23:37:45.9, 0.7, 44°56'N-0°03'-79°00'E, 0.03, h4km, 5km, Error ellipse: s-maj=5.2km s-min=4.2km az=8.4

NNC 26 23:37:47.1, 3.6, 44°52'N-79°26'E, h0km, mb2.6, mpv2.5, Error ellipse: s-maj=5.1km s-min=3.8km az=102.0

SOME 26 23:37:48.0, 44°50'N-78°93'E, h20km

ISC 26 23:37:46.3, 1.2, 44°53'N-0°03'-79°02'E, 0.03, h5km, 10km, n19, c193/33, 4C-5D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DJR, ARXS, KURS, etc.

DDA 26 23:41:44.2, 40°33'N-27°35'E, h19km, MI2.7

ISCJB 26 23:41:45.1, 40.3, 40°30'N-0°03'-27°30'E, 0.03, h6km, 4km, Error ellipse: s-maj=5.1km s-min=3.9km az=29.3

CSEM 26 23:41:45.0, 0.1, 40°30'N-27°29'E, h8km, MD2.7, Error ellipse: s-maj=3.5km s-min=2.6km az=73.0

ISC 26 23:41:45.2, 40°31'N-27°27'E, h7km, MD2.7

ISC 26 23:41:45.3, 0.8, 40°30'N-0°03'-27°30'E, 0.03, h10km, 6km, n37, c036/49, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRBG, KNL, RKY, etc.

27d 1h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CNGZ Carnagh Station, MWZ Matawai, URZ Urewera, etc.

ICD 27 00:23:20.9 1.8, 18:63S; 167.44E, h0km, mb4.3/4, mb1 4.0/5, mb1mx3.9/33, mbtmp4.2/5, ML3.7/1, Error ellipse: s-maj=54.2km s-min=29.9km az=130.0

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, HNR Honiara, CTAO Charters Tower, etc.

ICD 27 00:23:20.9 1.8, 18:63S; 167.44E, h0km, mb4.3/4, mb1 4.0/5, mb1mx3.9/33, mbtmp4.2/5, ML3.7/1, Error ellipse: s-maj=54.2km s-min=29.9km az=130.0

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

2011 AUG

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, FUNA Funafuti, CTA Charters Tower, etc.

ICD 27 00:55:48.4 11.0, 20:35S; 167.61E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.7/40, mbtmp3.8/5, ML3.2/1, MS2.5/1, Ms1 2.5/1, ms1mx2.4/20, Error ellipse: s-maj=190.7km s-min=36.8km az=96.0, Loyalty Islands

ISCBJ 27 00:55:57.5 0.6, 23:38N; 0:05:90.74E; 0.05, h10km, mb3.5/3, MS3.1/1, Error ellipse: s-maj=7.4km s-min=6.4km az=22.8

ICD 27 00:55:57.9 2.4, 23:35N; 90.57E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.7/2, mbtmp3.6/4, ML3.9/1, MS3.2/1, Ms1 3.2/1, ms1mx2.6/37, Error ellipse: s-maj=74.9km s-min=25.7km az=64.0

NEIC 27 00:55:59.1 1.6, 23:36N; 90:63E, h10km, mb4.2/1, Error ellipse: s-maj=19.1km s-min=12.1km az=59.0

ISCBJ 27 00:55:59.9 0.8, 23:47N; 0:07:90.67E; 0.06, h10km, n23, s-maj=25.9/30, mb3.5/3, Bangladesh

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ODAN Odare, TAPN Tapejung, RAMN Ramite, etc.

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GKN Gorkha, KOLN Koldanda, PYUN Piuthan, etc.

ICD 27 00:56:18.1 3.8, 22:90N; 90:50E, h0km, mb3.9/3, mb1 4.0/4, mb1mx3.4/71, mbtmp3.9/4, ML3.9/1, MS3.0/1, Ms1 3.0/1, ms1mx2.5/41, Error ellipse: s-maj=85.3km s-min=35.0km az=48.0, Bangladesh

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, JBP Jabalpur, HYB Hyderabad, etc.

NEIC 27 01:00:36.8 0.6, 38:07N; 139:73E, h149km, 5km, mb4.1/4, Error ellipse: s-maj=10.3km s-min=7.6km az=81.0

ISCBJ 27 01:00:38.4 0.4, 37:39N; 0:04:139.33E; 0.06, h167km, 2km, mb4.0/12, Error ellipse: s-maj=8.9km s-min=5.8km az=15.5

JMA 27 01:00:39.8 0.1, 37:92N; 139:26E, h157km, 1km, M3.4 ICD 27 01:00:39.2 2.7, 37:92N; 139:37E, h159km, 17km, mb3.6/7, mb1 3.6/10, mb1mx2.5/58, mbtmp4.0/10, MS3.8/2, Ms1 3.8/2, ms1mx2.7/47, Error ellipse: s-maj=45.5km s-min=12.5km az=68.0

ISCBJ 27 01:00:39.2 0.7, 37:88N; 0:05:139.32E; 0.06, h163km, 5km, n40, s090/50, mb4.0/12, Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JNS Sasagawa, JNY Yanaizu, JAW Awa shima, etc.

1416

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHK Hiroka, JHK Atsumi, JYA Sado, etc.

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

ISCBJ 27 01:08:48.4 46.22N; 147.17E, h0km, 2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MRSB Marmaris-Mugla, DATC Dataca-Mugla, DALY Dalyan (Mu'la), TURUNC Turunc, NIS1 Nisyros Isl., etc.

ISK 27 01:31:44.7, 36°25'N, 28°19'E, h9km, MD2.9
ISCJB 27 01:31:45.4, 0.5, 36°26'N, 0°03'28.14E, 0.04, h11km, 3km,
Error ellipse: s-maj=6.1km s-min=4.9km az=151.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARG Arkhangelos, MRSB Marmaris-Mugla, DATC Dataca-Mugla, DALY Dalyan (Mu'la), TURUNC Turunc, NIS1 Nisyros Isl., etc.

BUC 27 01:40:23.8, 0.7, 45°24'N, 26°06'E, h7km, 4km, MD2.4/3,
4C-12D, Error ellipse: s-maj=6.4km s-min=5.4km
az=57.0, Romania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SECR Secir, MLR Muntele Rosu, KULA Kula-Manisa, LAST Lasithi, etc.

MEX 27 01:43:34.5, 0.4, 15°82'N, 94°19'W, h16km, 10km, MD3.9,
Near coast of Oaxaca
Code Station Name Azimuth Phase ID Time Res

IDC 27 01:48:21.3, 17.0, 0.19, 11°S, 178°61'W, h650km, 167km,
mb3.5/4, mb1 3.6/5, mb1mx3.0/1, mbtpm4.6/5, Error
ellipse: s-maj=154.0km s-min=87.0km az=92.0, Fiji
Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, CTX Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, BRTR Keskin Array B, MMAL Mount Meron Arr, etc.

ATH 27 01:49:44.7, 36°28'N, 28°24'E, h22km, 1km, ML2.8/2, Error
ellipse: s-maj=3.2km s-min=1.6km az=250.0,
ISCJB 27 01:49:47.3, 0.5, 36°30'N, 0°03'28.04E, 0.03, h11km, 4km,
Error ellipse: s-maj=4.3km s-min=3.8km az=5.2
CSEM 27 01:49:47.2, 0.3, 36°26'N, 28°06'E, h5km, ML2.8, Error
ellipse: s-maj=6.1km s-min=4.4km az=169.0
DDA 27 01:49:47.5, 36°31'N, 28°05'E, h10km, MD3.0
ISC 27 01:49:47.0, 36°29'N, 28°11'E, h5km, MD2.8
ISC 27 01:49:47.3, 0.9, 36°28'N, 0°03'28.07E, 0.02, h9km, 6km,
n53, r125/70, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARG Arkhangelos, MRSB Marmaris-Mugla, DATC Dataca-Mugla, DALY Dalyan (Mu'la), TURUNC Turunc, NIS1 Nisyros Isl., etc.

CSEM 27 02:15:36.2, 0.3, 35°07'N, 28°45'E, h15km, MD2.7, Error
ellipse: s-maj=5.3km s-min=3.1km az=3.0
ISK 27 02:15:37.4, 36°06'N, 28°49'E, h24km, MD2.7
ISC 27 02:15:57.2, 36°04'N, 0°09'28.49E, 0.05, h23km, 16km,
n18, r0516/27, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FETY Fethiye, DALY Dalyan (Mu'la), TURUNC Turunc, etc.

TURN Turn, AKAS Kas, AKAS Kas, AKAS Kas, AKAT Dataca, DAT Dataca, DAT Dataca, DAT Dataca, BODT Bodrum, BODT Bodrum, AYVD Zeytinkoy-Aydi, AYVD Zeytinkoy-Aydi

ISCJB 27 02:17:20.0, 0.6, 46°02'N, 0°06'15.10E, 0.08, h100km,
mb3.6/6, Error ellipse: s-maj=9.9km s-min=5.1km
az=139.5

SKHL 27 02:17:20.0, 0.8, 46°31'N, 151°56'E, h73km, 15km, mb4.7/4
MOS 27 02:17:22.2, 1.5, 46°28'N, 150°36'E, h122km, MB3.8/3, Error
ellipse: s-maj=13.1km s-min=11.3km az=50.3
IDC 27 02:17:24.4, 4.0, 46°39'N, 150°78'E, h124km, 37km, mb3.4/6,
mb1 3.6/8, mb1mx3.3/36, mbtpm3.7/8, Error ellipse:
s-maj=37.5km s-min=16.6km az=124.0

ISC 27 02:17:21.1, 0.7, 46°03'N, 0°07'15.17E, 0.08, h100km, n47,
c313/55, mb3.7/6, 1C-1D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details like frequency and power.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details like frequency and power.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details like frequency and power.

NIED 27 02:37:00, 36.80N, 140.70E, h5km, Mw3.6 Best double couple: M=2.85000x10^14 NP1=19.00000, delta 29.00000, lambda=108.00000...

ISN 27 02:55:54.3-0.2, 28.87N, 51.21E, h14km, 3km, ML4.2 TEH 27 02:55:59.5, 29.45N, 51.28E, h6km, ML4.2 THR 27 02:55:59.3-0.4, 29.54N, 51.39E, h14km, 6km, ML4.1

Code Station Name Az Az2 Phase ID Time Res Res Code Station Name Az Az2 Phase ID Time Res Res

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details like frequency and power.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details like frequency and power.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details like frequency and power.

IDC 27 02:51:36.6-2.7, 35.88N, 71.37E, h0km, mb3.6/6, mb1 3.8/7, mb1mx3.5/42, mbtmp3.6/7, ML3.6/1, Error ellipse: s-maj=59.7km s-min=34.4km az=133.0

Code Station Name Az Az2 Phase ID Time Res Res Code Station Name Az Az2 Phase ID Time Res Res

Code Station Name Az Az2 Phase ID Time Res Res Code Station Name Az Az2 Phase ID Time Res Res

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details like frequency and power.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details like frequency and power.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station details like frequency and power.

ISK 27 02:53:51.5, 36.43N, 28.18E, h5km, MD2.6 ISCBJ 27 02:53:52.8, 1.0, 36.45N, 0.08, 28.20E, 0.04, h10km, Error ellipse: s-maj=12.3km s-min=4.7km az=9.4

Code Station Name Az Az2 Phase ID Time Res Res Code Station Name Az Az2 Phase ID Time Res Res

Code Station Name Az Az2 Phase ID Time Res Res Code Station Name Az Az2 Phase ID Time Res Res

Main table listing astronomical observations with columns for object name, magnitude, position, and other parameters. Includes entries like MLSB Milas, KHL Karahalli, and various other celestial objects.

CSEM 27 03:13:44.8-0.50:24N-12:45E, h10km, ML2.7
BGR 27 03:13:44.0-0.3:50:24N-12:45E, h10km,2km, ML3.2/5,
Error ellipse: s-maj=3.3km s-min=2.2km az=105.0,
CLL 27 03:13:45.4-0.4:0.50:24N-12:45E, h8km,1km, ml2.9
PRU 27 03:13:46.4-0.50:27N-12:49E, h0km, West Bohemia
Swarm
BNS 27 03:13:55.0-1.4:50:42N-12:32E, h5km, ML2.7
ISC 27 03:13:44.3-0.8:50:25N-12:02E, h12km,4km,
n56, o063/87, Germany

Summary table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists observation codes and station names like ROHR Rohrbach, KSP Ksiaz, MOA Molin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AML, AML, SCHF, SCHF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SCHF, SCHF, Rotzenmuhle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR, ASAR, WRA, MAW, etc.

MEX 27 04:21:37.5:0.4, 20.09N:105.13W, h16km, 24km, MD3.6,

Table with columns: Code, Station Name, Δ, AZ, Phase ID, ISC, Time, Res. Includes stations ANIG, R15V, EZSV, etc.

IDC 27 04:41:12.2:4.2, 21.87N:143.16E, h59km, 37km, mb4.4/3.4, mb1.4/5.34, mb1mx4.4/5.2, mbtmp4.7/3.4, MS4.1/3.6, MS1.4/1.36, ms1mx4.0/4.9, Error ellipse: s-maj=16.3km

BJJ 27 04:41:13.9:1.0, 21.85N:143.03E, h84km, mb5.0/4.6, Error ellipse: s-maj=9.2km s-min=5.1km az=95.1

ISCJB 27 04:41:14.5:0.9, 21.80N:143.03E, h94km, 8km, mb4.8/15.1, Error ellipse: s-maj=4.8km s-min=4.1km az=18.6

GCMT 27 04:41:16.9:0.2, 21.82N:143.17E, h12km, MW4.9/10.0, Moment Tensor Solution, s22,c25; s100,c141; Duration: 0 Moment tensor: Scale 10^16Nm; Mir-3.11±.08; Mho-1.07±.07; Mho-2.04±.08; Mho-0.54±.34; Mho-1.36±.06; Mho-0.02±.31; Best double couple: M0, 10000.0x10^16

NEIC 27 04:41:16.9:0.9, 21.80N:143.02E, h99km, 8km, mb4.9/8.1 Error ellipse: s-maj=4.5km s-min=3.7km az=101.0

ISC 27 04:41:14.8:0.5, 21.87N:104.433:0.05, h84km, 3km, h84km: pP, n717, v196/728, mb4.9/15.1, 11C-BD,

Mariana Islands region header

Main table of seismic events for Mariana Islands region, including stations like GUMO, MAJO, KSR5, etc.

Main table of seismic events for other regions, including stations like HABR, KLR, BJI, LUWI, etc.

Main table of seismic events for other regions, including stations like CHTO, CHTO, CM01, etc.

27d 4h

Table with columns for station name, frequency, power, and other technical details. Includes stations like WRH Wood River Hill, MDM Murphy Dome, CCB Clear Creek Bu, COLA College, COLA College, TOLK Toolik Lake Re, ILI Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILB Eielson Array, PAX Paxson, PAX Paxson, BRVK Borovoye, BRVK Borovoye, DOT Dot Lake, KKR Karatay Array, KKR Karatay Array, DAW Dawson, HYT Haines Junctio, INK Inuvik, INK Inuvik, INK Inuvik, URZ Urewae, SVE Sverdllovsk, ARU Arti, ARU Arti, ABKAR Akbulak array, SOKR Solikamsk, SOKR Solikamsk, AKTO Aktyubinsk, GEYT Alikeck, SPITS Spitsbergen Ar, SPITS Spitsbergen Ar, PGC Sidney, YKA Yellowknife Ar, YKA Yellowknife Ar, LLLB Lillooet, A04D Lummi Island, PPT Papeete, PPT Papeete, G03D McMinville, F04A Amboy, KLMR Klimovskoe, I03D Drain, L02D Cave Junction, H04A Fendick Mountain, H04A Hull Mountain, G05D Wamic, J04D Umpqua Nationa, M02C Callahan, B08A Colville Reser, I05D Terrebonne, ARAO ARCES Array S, ARCES ARCES Array B, ARCES ARCES Array B, AREO ARCES Array S, N02D Trinity Center, K04D Chiloquin, WDC Whiskeytown Da, WDC Whiskeytown Da, J05D Fort Rock, M04C Macdoel, M04C Wollman Farm, K05A Summer Lake, O03D Paynes Creek, E09A Wood Farm, NEW Newport, NEW Newport, NEW Newport, NEW Newport, ORV Oroville, ORV Oroville, MOD Modoc Plateau

2011 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like EDM Edmonton, EDM Edmonton, AFDM Forest Hills D, F10A Beach Ranch, DAG Danmarks Havn, LPSR Galich ya Gora, BMO Blue Mountains, BMO Blue Mountains, BMO Blue Mountains, WVOR Wild Horse Val, WVOR Wild Horse Val, OBN Obninsk, OBN Obninsk, OBN Obninsk, VSR Storozhevo, CMB Columbia Colle, CMB Columbia Colle, GOF Gofitskoye, BSMT Bassoo Peak, PAHR Pah Rah Range, WALA Waterton Lakes, PNTR Pine Nut, ZEI Tsey, JTM Jette, YERR Yerington, WAKR Walker, KBZ Khabaz, KBZ Khabaz, KVAR Kislovodsk Arr, KIV Kislovodsk, KIV Kislovodsk, SWMT Swartz Lake, NEY Neytrino, TVH3 East Aurora ar, TVH1 TV Hill, MSO Missoula, TVH2 Borealis Mnt, SLMT Seelye Lake, MFID Camas Ranch, SMMC Simmer, MLAC Mammoth, BMN Battle Mountai, BMN Battle Mountai, FINES FINES Array B, FINES FINES Array B, RCTO Rector, PKM Mcherson Peak, YES Vestal, Rchgr, SBC Santa Barbara, TIN Tinemaha, SCZ2 Santa Cruz Isl, HLID Halley, HLID Halley, ARVC Arvin, CWC Cottonwood Cre, ISA Isabella, LRM Limekiln Ridge, HRY Holter Researc, SNCC San Nicolas Is, BLG Laguna Peak, DLMT Dillon, OSI Osito Audit: C, MCMT McKenzie Canyo, GRAC Grapevine Rang, VSU Vasula, VSU Vasula, MPMC Mariposa, DECC Green Verdugo, EDW2 Edwards Air Fo, LRMCM Laurel Mtn Rad, BOZ Bozeman (W), BOZ Bozeman (W), BOZ Bozeman (W), EGMT Eagleton, FMP Fort Macarthur, FURC Furnace Creek, CISC Catalina Islan, SC12 San Clemente I, R11A Troy Canyon, R11A Troy Canyon, TPNV Topopah Spring, TPNV Topopah Spring, TPNV Topopah Spring, BFCM Mount Baldy Ra, QLMT Earthquake Lak, YHB Horse Butte, GSC Goldstone, GSC Goldstone, GSC Goldstone, RRR Edison Barstow, YMR Madison River, YHH Holmes Hill, HVU Hansel Valley, HVU Hansel Valley

1424

Table with columns for station name, frequency, power, and other technical details. Includes stations like BBRC Big Bear Solar, FFC Flin Flon, FFC Flin Flon, MURC Murrieta, BGU Summit, SUMG Summit, SUMC Summit, IMW Indian Meadow, H17A Grant Village, H17A Grant Village, HEC Hector Ludlow, FWXY Fox Creek, FLWY Flagg Ranch, TUQ Turquoise Mount, TPWA Teton Pass, MOOW Moose Ponds, SHPR Sheep Range, REDW Red Top Meadow, LOHW Long Hollow, DUG Dugway, DUG Dugway, DUG Dugway, PFO Pinyon Flats O, PFO Pinyon Flats O, PFO Pinyon Flats O, PFO Pinyon Flats O, RLMT Red Lodge, RLMT Red Lodge, GMRC Granite Mounta, HWUT Hardware Ranch, BELC Belle Mtn. Jos, MONP2 Monument Peak, LDLC Landfair, NLU North Lily Mtn, IKP In-Ko-Pah, CCUT Cedar City, JLU Jordanelle, BC3 Big Chuckawall, SWSC Sam W. Stewart, IRM Iron Mountain, SZCU Shurtz Canyon, NEEZ Needles Airpor, BW06 Boulder Array, BW06 Boulder Array, PDAR Pinale Arroyo, PDAR Pinale Arroyo, LCMT Little Creek M, MSU Marysvalle, MSU Marysvalle, AKASO Malin Array B, AKASO Malin Array B, AKASO Malin Array B, AKASO Malin Array B, KIEV Kiev, KIEV Kiev, KIEV Kiev, KNB Kanab, KNB Kanab, MTPU Mount Pierson, MALT Malatya, Y12C Blythe, PDMCI Parker Dam, LAK, GLA Glamis, GLA Glamis, GLA Glamis, DGMT Dagmar, SRU San Rafael Swe, SRB San Rafael Swe, N13A Mohawk Valley, N82 NORSTAR Subarra, NOA NORSTAR Array B, NOA NORSTAR Array B, WUAZ Wupatki, WUAZ Wupatki, K22A Casper, O20A Organ Pipe Nat, 214A Organ Pipe Nat, RSSD Black Hills, RSSD Black Hills, RSSD Black Hills, BR13 Keskin Array S, BRTR Keskin Array B, N23A Red Feather La, MVCO Mesa Verde, MVCO Mesa Verde, W18A Petrified Fore, SMCO Snowmass, MDND Madoc, BR21 Keskin MP Arra, TUC Tucson, ISCO Idaho Springs, ISCO Idaho Springs, ULM Lac du Bonnet, BUR08 Bucovina Ar. S, BURAR Bucovina Array, A31A Linda, S. Vin, B31A Greenbush Farm, S22A 4UR Ranch, Cre

Table with columns: Y40A, Okolona, 102.68, 45, P, Pdif, 04 55 02.2, -0.6, etc. Lists various station data points.

JMA 27 04:50:17.0±0.1, 24°52'N, 125°21'E, h32km±2km, M3.5, Southwestern Ryukyu Islands

JTJ, JISG, JISG, JIJ, JIJ, JIKRS, JIKRS, IRIF, IRIF, YOJ, YOJ, JKE, etc. Lists station names and coordinates.

ISCJB 27 04:50:47.1±0.9, 21°9'N, 0°1'143.3'E±0.2, h100km, mb4.0/12, Error ellipse: s-maj=22.2km s-min=18.4km az=178.4

IDC 27 04:50:51.4±8.1, 22°00'N, 143°18'E, h120km±72km, mb3.7/13, mb1 3.9/13, mb1mx3.6/53, mbtmp4.1/13, Error ellipse: s-maj=27.9km s-min=21.5km az=119.0

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC, etc. Lists station data for the ISCJB event.

SOME 27 04:52:10.0, 41°02'N, 78°12'E, h15km, NNC 27 04:52:11.7±1.3, 41°01'N, 78°06'E, h0km, mb3.6, mpv3.3

KRNET 27 04:52:11.2±0.1, 41°18'N, 78°09'E, h10km, mb3.3, ISC 27 04:52:11.7±1.4, 41°13'N, 0°06'78.16E±0.04, h10km, n36, ±149/67, 25C-22D, Kyrgyzstan-Xinjiang border region

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC, etc. Lists station data for the SOME and KRNET events.

KTMS, KBK, KBK, CHKK, CHKK, UCH, UCH, UCH, MNBS, MNBS, ARXS, ARXS, AAK, AAK, DJR, DJR, ARSB, ARSB, MRKS, MRKS, MNAS, MNAS, KK31, KK31, MK31, MK31, MK31, MK31, MK31, MK31, etc. Lists station data for various events.

IDC 27 04:53:30.6±3.8, 5°08'S, 152°05'E, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.5/41, mbtmp3.6/2, Error ellipse: s-maj=172.1km s-min=46.4km az=119.0, New Britain region

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC, etc. Lists station data for the IDC event.

ISCJB 27 04:55:58.9±0.3, 21°87'N, 0°05'143.03'E±0.06, h33km, mb4.7/55, MS3.7/11, Error ellipse: s-maj=8.2km s-min=6.9km az=174.6

NEIC 27 04:56:01.2±1.3, 21°88'N, 143°09'E, h39km±11km, mb4.7/33, Error ellipse: s-maj=7.1km s-min=5.0km az=102.0

IDC 27 04:56:03.4±5.2, 21°88'N, 143°13'E, h60km±46km, mb4.2/26, mb1 4.3/26, mb1mx4.2/48, mbtmp4.4/26, MS3.8/15, Ms1 3.8/15, ms1mx3.6/42, Error ellipse: s-maj=19.0km s-min=10.8km az=88.0

ISC 27 04:56:00.6±0.5, 21°87'N, 0°07'143.14E±0.10, h35km, n86, ±577/74, mb4.6/55, MS3.6/11, Mariana Islands region

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC, etc. Lists station data for the ISCJB, NEIC, and IDC events.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like ZALV Zalesovo Beam, AFKI Afkamul, KURF Kurchatov, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like ASAJ Asahikawa, USRK Ussuriysk Arr, KSRS Korea Array, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like PDAR Pinedale Array, TXAR Lajitas Array, LPAZ La Paz, etc.

NIED 27 05:05:00, 36.70N, 140.80E, h8km, Mw4.0 Best double couple: Mb1.320000, 1015, NP1.320000, 331.000000, 1.70.000000, NP2.124.000000, 361.000000, 1.101.000000

NIED 27 05:09:00, 37.60N, 141.80E, h56km, Mw3.9 Best double couple: Mc6.950000, 1014 NP1.34.000000, 836.000000, 1.05.000000, NP2.196.000000, 855.000000, 1.79.000000

CASC 27 05:20:23.6, 2.10, 54N, 186.47W, h14km, 15km, MD4.2, 1C, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like JHO Hitachi, JHO Hitachi, JHO Hitachi, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like ASAJ Asahikawa, USRK Ussuriysk Arr, KSRS Korea Array, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like VCR Vista de Mar, CRZI La Cruz, CRZI La Cruz, etc.

27d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEM2 Nemuro 2, JRA Rausu, JNK Nakash, etc.

IASPEI 27 05:48:16.4+0.8, 50.24N, 0.02E, 12.48E, 0.02, h12km, 3km, Error ellipse: s-maj=3.0km s-min=2.4km az=77.4, G75 selection from ISC bulletin G75 identified by Bond'ir and McLaughlin (2009) selection criteria Bond'ir and McLaughlin, A new ground truth data set for seismic studies, <S>Seism. Res. Let. </S>, <80></8>, 465-472, 2009

CSEM 27 05:48:16.4+0.1, 50.22N, 12.51E, h10km, ML3.2/11, Error ellipse: s-maj=1.8km s-min=1.4km az=34.0, BGR 27 05:48:17.0+0.2, 50.24N, 12.45E, h11km, 1km, ML2.6/6, Error ellipse: s-maj=2.2km s-min=1.1km az=102.0, CLL 27 05:48:17.6+0.3, 50.30N, 0.8+1.2E, h8km, 1km, ml2.5, PRU 27 05:48:17.5, 50.24N, 12.50E, h2km, Wkm Bohemia Swam

ISC 27 05:48:16.5+0.8, 50.25N, 0.02E, 12.48E, 0.02, h14km, 3km, n67, c0978/130, IC, Germany

Main table for 27d 6h section, listing stations like NKCC Novy Kostel, WERN Wernitzgruen, ROHR Rohrbach, etc. with their respective data.

2011 AUG

Table for 2011 AUG section, listing stations like PRA comp=Z,23nm,0.5s, KHC Kasperske Hory, PRU Pruhoonice, etc.

ROM 27 05:53:36.2+0.2, 43.29N, 13.83E, h18km, 4km, Md2.9/22, Mz2.7/29, Error ellipse: s-maj=2.7km s-min=1.9km az=69.0, CSEM 27 05:53:37.3+0.2, 43.25N, 13.69E, h20km, ML3.2/8, Error ellipse: s-maj=3.6km s-min=3.1km az=57.0, ISC 27 05:53:37.7+0.3, 43.27N, 13.73E, 0.02, h25km, 7km, n67, c104/95, Central Italy

ISC 27 05:53:37.7+0.3, 43.27N, 13.73E, 0.02, h25km, 7km, n67, c104/95, Central Italy

Main table for 2011 AUG section, listing stations like GUMA Gualdo di Mace, AOI Ancona, OFFI Offida, etc.

1428

Table for 1428 section, listing stations like ATVO AVT- Monte Val, FAGN Fagnano, FIAM Fiamignano, etc.

CSEM 27 05:54:54.7+0.3, 35.84N, 37.51E, h10km, MD2.8, Error ellipse: s-maj=8.6km s-min=3.5km az=161.0, ISK 27 05:54:55.2, 35.93N, 37.48E, h11km, MD3.1, DDA 27 05:54:59.7, 36.34N, 37.34E, h8km, MD2.8, ISC 27 05:54:57.6+1.5, 36.24N, 0.07-37.41E, 0.04, h4km, 12km, n12, c0877/21, Jordan-Syria region

ISC 27 05:54:57.6+1.5, 36.24N, 0.07-37.41E, 0.04, h4km, 12km, n12, c0877/21, Jordan-Syria region

Table for 1428 section, listing stations like KUZU Kuzuni, TAHT Tahtakopru-Hat, TAHT Tahtakopru-Hat, etc.

NEIC 27 05:55:03.6+1.1, 6.67N, 104.57W, h10km, mb4.4/11, Error ellipse: s-maj=26.3km s-min=12.1km az=50.0, IDC 27 05:55:03.8+1.9, 6.90N, 104.54W, h0km, mb3.7/4, mb1.4/1.4, mb1mx3.8/27, mbtmp3.7/4, MS2.9/1, Ms1 2.9/1, ms1mx2.6/26, Error ellipse: s-maj=77.1km s-min=27.3km az=60.0, ISC 27 05:55:05.7+1.6, 7.0N, 0.2+104.3W, 0.3, h10km, n21, c050/20, mb4.3/14, Galapagos Triple Junction region

ISC 27 05:55:05.7+1.6, 7.0N, 0.2+104.3W, 0.3, h10km, n21, c050/20, mb4.3/14, Galapagos Triple Junction region

Main table for 1428 section, listing stations like CMIG Matias Romero, ZAIG Zacatecas, TXAR Lajitas Array, etc.

MEX 27 06:14:49.2+0.4, 15.24N, 93.15W, h73km, 66km, MD3.6, Near coast of Chiapas

Table for 1428 section, listing stations like CCIG Comitán, CCIG Comitán, TGIG Tuxtla Gutierrez, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JANG Nango, JRJG Rokugo, JYK Kaneyama, etc.

NEIC 27 06:25:41.6, 46:78N-70:67W, h18km, MN3.5(OTT), After OTT.

NEIC Felt at Quebec. OTT 27 06:25:41.4, 0.1, 46:76N-70:65W, h16km, MN3.5/30, 1C-3D, Southern Quebec

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BCLQ Boischatel, BCLQ Boischatel, BCLQ Boischatel, etc.

NIED 27 06:49:00, 37:60N-141:90E, h17km, Mw3.5 Best double couple: M1: 73000*1014, NP1: 304,00000*, 821,00000*, 1-106,00000*.

JMA 27 06:49:47.8, 0.1, 37:62N-141:87E, h22km, 3km, M3.6 mb1 3.7/4, mb1mx3.4/42, mbtmp3.5/4, ML3.4/2, Error ellipse: s-maj=50.1km s-min=23.3km az=121.0

ISC 27 06:49:47.3, 1.9, 37:62N-141:81E, h5km, 11km, n21, c1907/23, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JFJK Kawauchi, JFJK Marumori, JFJK Ouri, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BATG, GSQ Grosses Roches, HNH Hanover, etc.

NIED 27 06:49:00, 37:60N-141:90E, h17km, Mw3.5 Best double couple: M1: 73000*1014, NP1: 304,00000*, 821,00000*, 1-106,00000*.

JMA 27 06:49:47.8, 0.1, 37:62N-141:87E, h22km, 3km, M3.6 mb1 3.7/4, mb1mx3.4/42, mbtmp3.5/4, ML3.4/2, Error ellipse: s-maj=50.1km s-min=23.3km az=121.0

ISC 27 06:49:47.3, 1.9, 37:62N-141:81E, h5km, 11km, n21, c1907/23, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JFJK Kawauchi, JFJK Marumori, JFJK Ouri, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RUSC, CBRI Barrientos, No, CAPV Capacho, etc.

NIED 27 07:17:00, 36:80N-141:40E, h5km, Mw4.0 Best double couple: M1: 18000*1015, NP1: 9,00000*, 845,00000*, 1-106,00000*.

ICC 27 07:17:39.3, 1.1, 36:79N-141:34E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.7/44, mbtmp3.7/5, ML3.0/1, MS3.4/6, Ms1 3.4/6, ms1mx3.0/48, Error ellipse: s-maj=31.3km s-min=24.7km az=98.0

JMA 27 07:17:40.6, 0.1, 36:79N-141:38E, h33km, 1km, M4.1 JMA Felt 1/7.

NEIC 27 07:17:44.4, 0.6, 36:80N-141:26E, h35km, mb4.6/2, Error ellipse: s-maj=14.1km s-min=12.1km az=180.0

ISC 27 07:17:39.0, 2.1, 36:89N-141:39E, h2km, 12km, n30, c098/29, mb4.1/6, MS3.7/3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ONAJ Iwakimizuishiy, ONAJ Kawauchi, etc.

ISC 27 07:18:20.7, 0.2, 36:52N-141:121.29W, h14km, 1km, mb4.2/14, MS4.1/19, Error ellipse: s-maj=3.6km s-min=1.8km az=144.8

ICC 27 07:18:20.5, 1.0, 36:35N-121:40W, h0km, mb4.0/7, mb1 4.3/12, mb1mx4.0/43, mbtmp4.0/12, ML4.0/5, MS4.1/25, Ms1 4.1/25, ms1mx4.0/40, Error ellipse: s-maj=18.4km s-min=10.5km az=51.0

NEIC 27 07:18:21.1, 36:58N-121:18W, h8km, mb4.3/7, NEIC Felt [IV] at Palicines and Soledad and [III] in the Big Sur-Los Banos San Francisco area.

NEIC Felt [IV] at Palicines and Soledad and [III] in the Big Sur-Los Banos San Francisco area. Felt widely in central California as far as Bakersfield, Fairfield, Groveland and Los Osos.

GMCT 27 07:18:21.1, 0.4, 36:51N-121:21W, h19km, 1km, MW4.8/81, Moment Tensor Solution. s9,c10; s81,c111; Dirration: 0 Moment tensor: Scale 1016N; Mr-0.17z; 11; Mw-1.97z; 09; Mw-2.14z; 10; Mw-0.34z; 19; Mw-0.41z; 08; Mw-0.27z; 18; Best double couple: M2: 14200*1016 NP1: 39,00000*, 886,00000*, 1-12,00000*.

Principal axes: P1: 130.00000*, 878.00000*, 1-176,00000*; P2: 2.2040, P1g: 0.00000*, Azm85,00000*; P3: -2.0810, P1g: 11,00000*, Azm34,00000*; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

ISC 27 07:18:22.5, 0.6, 36:55N-102:121.24W, h0.02, h12km, 4km, n261, c1972/252, mb4.2/14, MS4.1/19, Central California

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JHC Johnson Canyon, BCGM Cinegra Road, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like FRP, BPCNC, HSFM, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like EDW2, GRAC, IRZC, WSHM, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TKL, CMIG, ILAR, etc.

ISCJB 27 07:21:59.0-2.1, 0.36:58N-0:02:121.20W:0.03, h6km, 3km, Error ellipse: s-maj=4.5km s-min=2.4km az=154.0, NEIC 27 07:21:60.0, 36:60N-121:20W, h7km, MW3.6(BRK), After NEIC.

NEIC 27 07:22:00.2-1.0, 36:59N-0:02:121.19W:0.02, h6km, 6km, n96, e097/11, Central California

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like EKH, BPIM, SMT, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MCMC Marconi Confer, AFDM Forest Hills D, WAKR Walker, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EQES 38nm,0.1s,SNR=24, EQES Quesada, EQES 0.9nm,0.1s,SNR=42, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PESTR, PESTR comp=N,7.4nm,0.2s, PESTR Estremoz, etc.

GUC 27.07:43:28.1±0.5,18°44'S,71°56'W,h28km,3km,ML3.5, 6C-1D, Off coast of northern Chile

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PB12 IPOC Station P, PSGC Pisagua, PSGC Minye Minye, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EMIN 16nm,0.1s,SNR=14, EMIN 13nm,0.1s,SNR=14, EMIN 13nm,0.1s,SNR=14, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PNCL Nicolau / Gran, PNCL Nicolau / Gran, PNCL Nicolau / Gran, etc.

SFS 27.07:54:15.0,36°81'N,4°17'W,h61km,ML3.9, ISCBJ 27.07:54:49.3±0.4,36°98'N,0°03:4:27W,0.02,h69km,4km, Error ellipse: s-maj=4.4km s-min=2.3km az=167.1

LDG 27.07:54:49.7,36°87'N,4°12'W,h40km INMG 27.07:54:50.4±1.8,36°84'N,4°21'W,h56km,6km,ML2.6, Error ellipse: s-maj=3.4km s-min=2.8km az=147.0

ISC 27.07:54:48.2±1.2,36°83'N,0°03:4:18W,0.02,h75km,5km, n158,01886/301,8C-2D, Strait of Gibraltar

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EMAL Malaga-Limoner, EMAL Sierra Gorda, EGOR Sierra Gorda, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ETOB Tobarra, ETOB Tobarra, ETOB Tobarra, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GUD Guadarrama, GUD Guadarrama, GUD Guadarrama, etc.

27d 9h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like FINES, NOA, and MEX.

Table for MEX 27 09:05:22.4:0.5, 18.363N:99.767W, h52km, 6km, MD3.6. Columns include Code, Station Name, Azimuth, Phase, ID, Time, Res.

NIED 27 09:11:00.32:90N:139.70E, h185km, Mw4.5 Best double couple: M6.34000:1015 NP1:293.00000, delta 11.00000, lambda 13.00000, NP2:191.00000, delta 88.00000, lambda 101.00000.

ISCJCB 27 09:11:40.9:0.3, 32.84N:0.03:139.45E:0.03, h172km, 2km, mb4.4/11.6, Error ellipse: s-maj=5.1km s-min=3.7km az=172.4

NEIC 27 09:11:41.9:0.4, 32.79N:139.39E, h168km, 3km, mb4.5/69, Error ellipse: s-maj=4.3km s-min=3.9km az=154.0

JMA 27 09:11:41.6:0.1, 32.84N:139.65E, h172km, 1km, Mw4.3 IDC 27 09:11:41.1:0.3, 32.83N:139.45E, h164km, 2km, mb4.1/34, mb1 4.2/41, mb1mx4.1/64, mbtmp4.6/41, Error ellipse: s-maj=10.9km s-min=8.3km az=67.0

MOS 27 09:11:45.4:0.9, 33.31N:139.33E, h194km, 6km, 4.5/50, Error ellipse: s-maj=9.3km s-min=5.2km az=104.4

ISC 27 09:11:41.0:0.5, 32.85N:0.04:139.55E:0.04, h166km, 4km, n417, c137/459, mb4.5/116, 20C-21D, Southeast of Honshu

Main station list table for Honshu region. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JHCJ, JHJ, JHJ2, etc.

2011 AUG

Main station list table for 2011 AUG. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like XAN, H1N12, H1N11, etc.

1434

Main station list table for 1434. Columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ILB, IL1, KKAR, 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 MFID Camas Ranch, YERR Yerrington, WAKR Walker, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like OKC Ostrava-Krasne, BELC Belle Mtn. Jos, LCMT Little Creek M, MTPU Mount Pierson, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like KSU1 Kansas State U, AMTX Amarillo, T32A Huelter Ranch, etc.

ISK 27 09:12:43.8, 37:23N-28:24E, h5km, MD2.6
ISCJB 27 09:12:44.8, 0.5, 37:25N, 0:04:28:24E, 0:03, h0km, Error ellipse = s-maj=5.9km s-min=4.0km az=3.5
DDA 27 09:12:44.6, 37:24N-28:20E, h7km, MD2.7, Suspected Mining explosion.
CSEM 27 09:12:45.1, 0.3, 37:23N-28:22E, h2km, MD2.6, Error ellipse = s-maj=6.8km s-min=4.7km az=14.0
ISC 27 09:12:45.0, 0.9, 37:21N-0:03:28:19E, 0:02, h0km, n24, s124/33, Turkey

Table with columns: Code, 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 ML5B Milas, ML5B Milas, TURN Turunc, etc.

R41A	comp=Z,17nm,1.2s	71.97 344	P	P	09 34 58.7 +0.8
S38A	baz=162,SNR=8.8	71.98 342	P	P	09 34 59.2 +1.2
T36A	baz=160,SNR=6.0	72.00 340	P	P	09 34 59.1 +1.0
T35A	baz=158	72.06 339	P	P	09 34 59.5 +1.0
U33A	baz=156	72.11 338	P	P	09 34 59.9 +1.1
R40A	baz=155	72.18 343	P	P	09 34 60.0 +0.8
Q43A	baz=161,SNR=6.3	72.20 345	P	P	09 35 00.1 +0.9
ACSO	baz=164	72.28 351	eP	P	09 35 00.1 +0.4
N59A	comp=Z,17nm,0.7s	72.30 357	P	P	09 35 00.5 +0.7
S37A	baz=159	72.36 341	P	P	09 35 01.0 +0.8
U32A	baz=155	72.36 337	P	P	09 35 01.7 +1.4
Q42A	baz=163,SNR=7.1	72.36 345	P	P	09 35 00.8 +0.7
T34A	baz=157	72.36 339	P	P	09 35 01.3 +1.0
121A	baz=148	72.39 328	P	P	09 35 02.7 +1.9
R39A	baz=161	72.40 342	P	P	09 35 01.1 +0.6
R38A	baz=160	72.50 342	P	P	09 35 01.6 +0.5
L34A	baz=158	72.54 340	P	P	09 35 02.1 +0.7
Q41A	baz=162,SNR=8.4	72.56 344	P	P	09 35 02.0 +0.6
N54A	baz=172	72.65 353	P	P	09 35 02.3 +0.3
S35A	baz=158	72.71 340	P	P	09 35 03.1 +0.7
Q40A	baz=162,SNR=6.3	72.80 343	P	P	09 35 03.6 +0.7
P43A	baz=164	72.84 346	P	P	09 35 03.4 +0.3
R37A	baz=159	72.87 341	P	P	09 35 03.8 +0.5
P42A	baz=163	72.96 345	P	P	09 35 04.1 +0.3
T32A	baz=156	73.06 338	P	P	09 35 05.4 +0.9
Q39A	baz=161	73.07 343	P	P	09 35 05.0 +0.6
R36A	baz=158	73.07 341	P	P	09 35 05.2 +0.7
M54A	baz=172	73.16 354	P	P	09 35 05.3 +0.3
P41A	baz=162	73.21 344	P	P	09 35 05.7 +0.4
R35A	baz=158	73.27 340	P	P	09 35 06.7 +1.0
P40A	baz=162,SNR=7.7	73.30 344	P	P	09 35 06.4 +0.6
P39B	baz=161	73.43 343	P	P	09 35 07.1 +0.6
Q42A	baz=163	73.49 345	P	P	09 35 07.3 +0.5
R34A	baz=157	73.56 339	P	P	09 35 08.0 +0.6
Q41A	baz=163,SNR=5.0	73.59 345	P	P	09 35 07.7 +0.3
HDIL	baz=164	73.67 346	P	P	09 35 08.3 +0.4
Q35A	baz=158	73.72 340	P	P	09 35 08.4 +0.1
P38A	baz=160	73.76 343	P	P	09 35 08.7 +0.2
Q40A	baz=162,SNR=5.1	73.82 344	P	P	09 35 09.4 +0.6
ANMO	baz=147	73.88 331	P	P	09 35 11.5 +1.9
ANMO	comp=Z,8.7nm,1.4s	73.88 331	eP	P	09 35 11.4 +1.9
N42A	baz=163	74.09 346	P	P	09 35 10.4 0.0
Q39A	baz=161,SNR=5.5	74.11 344	P	P	09 35 10.7 +0.2
KSU1	baz=159	74.11 340	P	P	09 35 11.1 +0.5
DBIC	baz=158	74.13 72	P	P	09 35 10.2 -1.0
N41A	comp=Z,2.9nm,0.8s,slow=7.4,SNR=6.5	74.15 345	P	P	09 35 11.0 +0.2
P36A	baz=159	74.20 341	P	P	09 35 11.0 0.0
Q38A	baz=160	74.21 343	P	P	09 35 11.5 +0.4
214A	baz=144	74.28 324	P	P	09 35 13.7 +1.9
P35A	baz=158	74.34 341	P	P	09 35 11.9 0.0
Q37A	baz=160,SNR=10	74.43 342	P	P	09 35 12.6 +0.2
N40A	baz=162	74.48 344	P	P	09 35 13.0 +0.4
P34A	baz=158	74.59 340	P	P	09 35 13.8 +0.5
Q36A	baz=159	74.61 342	P	P	09 35 13.4 0.0
N39A	baz=161	74.69 344	P	P	09 35 13.9 0.0
M41A	baz=163	74.72 345	P	P	09 35 14.0 0.0
N38A	baz=161	74.79 343	P	P	09 35 15.1 +0.7
CBK5	baz=157	74.81 338	P	P	09 35 15.8 +1.1
M40A	baz=162	74.96 345	P	P	09 35 16.0 +0.6
T25A	baz=151	74.97 333	P	P	09 35 17.5 +1.7
T25A	baz=163	74.97 333	eP	P	09 35 18.2 +2.3
N37A	baz=160	75.00 342	P	P	09 35 16.3 +0.7
Q34A	baz=158	75.14 340	P	P	09 35 17.0 +0.5
N36A	baz=159	75.25 342	P	P	09 35 17.7 +0.6
MAW	comp=Z,0.9nm,0.9s	75.34 164	eP	P	09 35 18.0 +0.6
M38A	baz=161,SNR=6.4	75.37 343	P	P	09 35 18.3 +0.5
L41A	baz=163,SNR=5.3	75.38 346	P	P	09 35 18.2 +0.4
W18A	baz=147	75.44 329	P	P	09 35 20.6 +2.0
N35A	baz=159,SNR=5.4	75.47 341	P	P	09 35 18.8 +0.4
L40A	baz=162,SNR=6.3	75.52 345	P	P	09 35 19.1 +0.5
M37A	baz=160,SNR=8.7	75.57 343	P	P	09 35 19.7 +0.8
N34A	baz=158	75.69 341	P	P	09 35 20.1 +0.5
L39A	baz=162	75.75 345	P	P	09 35 20.2 +0.3
M36A	baz=159	75.81 342	P	P	09 35 21.0 +0.8
K41A	baz=163,SNR=7.1	75.85 346	P	P	09 35 21.0 +0.5
N33A	baz=157	75.87 340	P	P	09 35 21.8 +1.2
SDCO	baz=150	75.92 333	P	P	09 35 23.6 +2.2
KSC0	baz=153	75.97 336	eP	P	09 35 23.3 +1.9
KSC0	comp=Z,17nm,1.1s	75.97 336	eP	P	09 35 23.5 +2.0
Y14A	baz=159	75.98 326	eP	P	09 35 23.4 +1.9
L38A	baz=161	76.00 342	P	P	09 35 21.7 +0.4
M35A	baz=163	76.05 342	P	P	09 35 22.3 +0.6
K40A	baz=143	76.11 345	P	P	09 35 22.4 +0.4
GLA	baz=160	76.17 324	P	P	09 35 23.8 +1.2
L37A	baz=159	76.17 343	P	P	09 35 22.7 +0.3

K39A	baz=160	76.28 345	P	P	09 35 23.2 +0.2
L36A	baz=162	76.38 343	P	P	09 35 24.1 +0.6
K38A	baz=160,SNR=5.0	76.43 344	P	P	09 35 24.1 +0.3
S22A	baz=161	76.44 332	P	P	09 35 25.2 +0.9
IKP	baz=142	76.51 323	P	P	09 35 26.9 +2.4
WU4Z	baz=146	76.51 328	P	P	09 35 26.8 +2.2
WU4Z	comp=Z,4.4nm,1.0s	76.51 328	eP	P	09 35 27.1 +2.5
J41A	baz=164	76.52 346	P	P	09 35 24.9 +0.6
M33A	baz=158	76.57 341	P	P	09 35 25.6 +0.9
Y12C	baz=143	76.58 324	P	P	09 35 26.8 +2.0
SWSC	baz=149	76.58 323	P	P	09 35 26.6 +1.7
L35A	baz=159,SNR=5.4	76.62 342	P	P	09 35 25.4 +0.5
MVCO	baz=142	76.67 331	P	P	09 35 27.9 +2.3
MVCO	comp=Z,26nm,1.7s	76.67 331	eP	P	09 35 27.6 +2.0
BGNE	baz=157	76.69 340	P	P	09 35 26.6 +1.3
J40A	baz=163	76.69 346	P	P	09 35 25.9 +0.6
L34A	baz=158	76.70 341	P	P	09 35 26.2 +0.9
K37A	baz=160	76.75 344	P	P	09 35 26.3 +0.7
K36A	baz=160	76.83 343	P	P	09 35 27.2 +1.2
J39A	baz=159	76.84 345	P	P	09 35 26.6 +0.5
Q24A	baz=152,SNR=5.1	76.85 334	P	P	09 35 28.4 +1.7
Q24A	baz=151	76.85 334	eP	P	09 35 28.5 +1.9
BC3	baz=142	76.97 324	P	P	09 35 29.2 +2.0
L33A	baz=157	77.14 341	P	P	09 35 28.4 +0.6
I40A	baz=163	77.14 346	P	P	09 35 28.6 +0.8
I41A	baz=164	77.15 347	P	P	09 35 28.4 +0.5
L32A	baz=157	77.20 340	P	P	09 35 29.0 +0.9
IRM	baz=143	77.21 324	P	P	09 35 29.1 +0.7
J37A	baz=161	77.24 344	P	P	09 35 28.7 +0.4
K34A	baz=158	77.30 342	P	P	09 35 29.6 +0.9
I39A	baz=162,SNR=5.9	77.35 326	eP	P	09 35 31.9 +2.5
W13A	baz=142	77.44 323	P	P	09 35 32.8 +2.8
TPFO	baz=142	77.44 323	P	P	09 35 32.1 +2.2
PFO	baz=142	77.45 343	P	P	09 35 30.2 +0.7
J36A	baz=160	77.45 343	P	P	09 35 32.7 +2.5
BELC	baz=142	77.52 324	P	P	09 35 30.9 +0.3
H41A	baz=163	77.65 347	P	P	09 35 31.1 +0.4
I38A	baz=162,SNR=5.5	77.65 345	P	P	09 35 33.9 +2.5
U15A	comp=Z,2nm,1.1s	77.73 333	eP	P	09 35 33.9 +2.2
SMCO	baz=150	77.75 334	P	P	09 35 33.4 +1.7
ISCO	comp=Z,8.7nm,1.6s	77.75 334	eP	P	09 35 33.8 +2.1
K32A	baz=157	77.79 340	P	P	09 35 32.1 +0.7
H40A	baz=163	77.80 346	P	P	09 35 32.0 +0.6
MURC	baz=141	77.82 322	P	P	09 35 32.8 +1.0
J34A	baz=159	77.82 342	P	P	09 35 32.6 +1.0
I37A	baz=161	77.87 344	P	P	09 35 32.5 +0.6
GMRC	baz=162,SNR=5.4	77.97 324	P	P	09 35 34.9 +2.1
K31A	baz=158,SNR=5.7	77.98 340	P	P	09 35 33.9 +1.4
K31A	baz=140	78.05 321	P	P	09 35 34.1 +1.0
SC12	baz=160	78.05 321	P	P	09 35 34.1 +1.0
I35A	baz=160	78.11 343	P	P	09 35 33.9 +0.7
BBRC	baz=142	78.19 323	P	P	09 35 36.5 +2.3
H37A	baz=161	78.30 345	P	P	09 35 35.4 +1.2
CIS	baz=140	78.30 322	P	P	09 35 35.8 +1.3
HEC	baz=142	78.34 324	P	P	09 35 37.4 +2.6
KNB	baz=142	78.41 327	eP	P	09 35 37.8 +2.6
ECSD	baz=158,SNR=12	78.41 342	P	P	09 35 35.5 +0.6
ECSD	comp=Z,17nm,0.9s	78.41 342	eP	P	09 35 35.5 +0.6
J32A	baz=157	78.41 341	P	P	09 35 35.4 +0.5
H36A	baz=160	78.53 344	P	P	09 35 36.3 +0.9
BFSC	baz=144	78.55 323	P	P	09 35 38.4 +2.4
J31A	baz=156	78.59 340	P	P	09 35 36.9 +1.1
LCMT	baz=142	78.60 327	eP	P	09 35 38.5 +2.3
TUQ	baz=142	78.61 324	P	P	09 35 37.3 +1.0
G38A	baz=162	78.62 346	P	P	09 35 36.0 0.0
N23A	baz=150	78.83 334	P	P	09 35 37.9 +0.3
H35A	baz=160,SNR=9.6	78.86 343	P	P	09 35 37.9 +0.6
SPMN	baz=157	78.88 345	P	P	09 35 37.4 0.0
I32A	baz=157	78.91 341	P	P	09 35 38.3 +0.7
GSC	baz=142	78.95 324	P	P	09 35 38.9 +0.8
MTPU	baz=142	78.96 328	eP	P	09 35 40.5 +2.1
SZCU	baz=142	79.00 328	eP	P	09 35 41.6 +3.1
O20A	baz=141	79.06 327	P	P	09 35 40.7 +1.9
H34A	baz=148	79.06 343	P	P	09 35 38.9 +0.5
CCUT	baz=139	79.09 327	eP	P	09 35 41.8 +2.8
SHPR	baz=139	79.09 326	eP	P	09 35 41.5 +2.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Ermo, Kurchatov, Zalesovo Beam, Kashi, Urumqi, Songino Array, etc.

NNC 27 09:23:57.6; 8.2, 39.76N; 78.45E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=64, 1km s-min=33.0km az=162.0

ISC 27 09:24:06.5; 40.45N; 78.87E, h15km, Error ellipse: s-maj=8.2, 3.403N; 0.1, 78.74E; 0.06, h10km, n28, c=188/52, 21C-9D, Southern Xinjiang

Main table for 27M 9h with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

IDC 27 09:24:34.4; 1.3, 33.54S; 166.68E, h0km, mb3.9/6, mb1 4.1/7, mb1mx3.8/31, mbtmp3.9/7, ML3.3/1, Error ellipse: s-maj=43.5km s-min=24.2km az=122.0

ISC 27 09:24:38.9; 1.2, 33.70S; 0.08; 166.0E; 0.2, h39km, mb3.8/6, Error ellipse: s-maj=30.5km s-min=10.8km az=174.0

ISC 27 09:24:40.3; 1.1, 33.61S; 0.10; 166.7E; 0.2, h39km, n8, c=1520/11, mb3.8/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Mont Dzumac, Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, Alice Springs, ASAR, etc.

FUNV 27 09:38:31.7; 6.71N; 73.16W, h167km, MW2.6, ISCJB 27 09:38:32.1; 0.7, 6.84N; 0.04; 73.08W; 0.05, h153km, 6km, Error ellipse: s-maj=8.7km s-min=4.2km az=35.5

RSNC 27 09:38:34.6; 1.0; 6.80N; 73.11W, h140km, 6km, ML2.4, ISC 27 09:38:32.0; 1.4, 6.82N; 0.04; 73.05W; 0.05, h156km, 8km, n19, c=187/35, 1C, Northern Colombia

Main table for 2011 AUG with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

IDC 27 09:42:13.4; 0.6, 17.33S; 176.04E, h0km, mb4.4/19, mb1 4.6/20, mb1mx4.6/26, mbtmp4.5/20, ML3.1/1, MS4.6/15, MS1 4.5/15, ms1mx4.2/36, Error ellipse: s-maj=19.2km s-min=14.8km az=108.0

ISCJB 27 09:42:17.9; 0.1, 17.39S; 0.04; 175.93E; 0.04, h33km, mb5.0/107, MS4.5/15, Error ellipse: s-maj=7.2km s-min=3.8km az=144.3

GCMT 27 09:42:19.6; 0.1, 17.27S; 176.07E, h13km, 1km, MW5.2/115, Moment Tensor: s76, c116; s115, c198; Duration: 1ms; 0.60; 0.2; Mxx=0.68; 0.2; Mxy=0.04; 0.4; Mxz=0.57; 0.1; Mzz=0.12; 0.4; Best double couple: M0.86800; 0.107; NP1; 0.24; 0.0000; 0.85; 0.0000; 1.5; 0.0000; NP2; 0.294; 0.0000; 0.85; 0.0000; 1.7; 0.0000

Principal axes: T 0.9200, Plg8.0000, Azm249.0000; N -0.1030, Plg82.0000, Azm68.0000; P -0.8160, Plg0.0000, Azm159.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

BUI 27 09:42:19.8; 17.40S; 176.10E, h35km, mb4.9/35, mb5.3/23, Ms5.1/8, Ms7 4.7/7

NEIC 27 09:42:19.6; 0.1, 17.37S; 176.01E, h35km, mb5.1/79, Error ellipse: s-maj=6.7km s-min=4.0km az=140.0

ISC 27 09:42:19.4; 0.3, 17.50S; 0.07; 176.17E; 0.06, h35km, n313, c=1525/309, mb5.1/107, MS4.5/15, 1D, Fiji Islands region

Main table for 2011 AUG with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

Main table for 1438 with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail, 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 Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Howl, Elevation Howl, Azimuth Wail, Elevation Wail, 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 Howl, Elevation Howl, Azimuth Wail, Elevation Wail, Azimuth Moan, Elevation Moan, Azimuth Groan, Elevation Groan, Azimuth Grunt, Elevation Grunt, Azimuth Growl, Elevation Growl.

ISCJB 27 09:57:27.0 ± 0.5, 19°19'N, 0°05'14.5"E, 0.1, h214km, mb3.8/20, Error ellipse: s-maj=18.4km s-min=6.9km az=0.0

27d 10th

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PLDF, DSB, AGO, PVM, DYA, COEN, SFJD, etc.

2011 AUG

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JTMF, STKA, STKA, STKA, STKA, etc.

1444

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RSSD, RSSD, RSSD, RSSD, etc.

MPMC	Manual Prospec	91.68	33	P	P	10 42 54.6	-0.2
PKM	Mchpherson Peak	91.76	35	P	P	10 42 54.8	-0.4
K34A	Le Mars	91.77	15	P	P	10 42 54.9	0.0
J39A	Decorah	91.88	12	P	P	10 42 55.4	+0.1
K35A	Storm Lake	91.90	14	P	P	10 42 55.5	0.0
J40A	Soldiers Grove	91.95	11	P	P	10 42 54.9	-0.8
L33A	Hoskins	92.05	16	P	P	10 42 56.3	+0.1
L32A	Elgin	92.05	17	P	P	10 42 56.6	+0.4
J41A	Loganville	92.08	11	P	P	10 42 56.8	+0.5
L34A	Belmond	92.11	33	P	P	10 42 57.7	+0.9
L36A	Belmond	92.12	14	P	P	10 42 56.6	+0.1
K37A	Belmond	92.13	13	P	P	10 42 56.4	-0.1
OGNE	Ogallala	92.16	20	P	P	10 42 56.8	0.0
OGNE	Ogallala	92.16	20	eP	P	10 42 57.3	+0.5
SHOC	Shoshone, Teco	92.29	32	P	P	10 42 58.8	+1.4
ISCO	Idaho Springs	92.29	23	P	P	10 42 57.6	-0.2
K38A	Parkersburg	92.39	13	P	P	10 42 57.9	+0.2
L35A	Bielow Farm, R	92.43	15	P	P	10 42 57.8	-0.2
K39A	Delwein	92.47	12	P	P	10 42 57.5	-0.6
SMCO	Snowmass	92.48	24	eP	P	10 42 59.3	+0.6
EDW2	Edwards Air Fo	92.51	34	P	P	10 42 59.2	+0.7
K40A	Colesburg	92.58	11	P	P	10 42 57.4	-1.2
BGNE	Belgrade	92.60	17	P	P	10 42 58.8	0.0
BGNE	Belgrade	92.60	17	eP	P	10 42 58.8	0.0
L36A	Harm Buss Farm	92.60	14	P	P	10 42 58.5	-0.2
GSC	Goldstone, Bar	92.61	33	P	P	10 43 00.1	+1.1
M33A	Taylor Creek F	92.63	16	P	P	10 42 58.7	-0.2
L37A	Phoenix Point,	92.73	14	P	P	10 42 59.2	-0.1
BLG	Laguna Peak, P	92.74	35	P	P	10 43 00.1	+0.6
K41A	Shullsburg	92.79	11	P	P	10 42 58.7	-0.8
M34A	Aspy Farms, Fr	92.82	16	P	P	10 42 59.8	0.0
TUQ	Turquoise Moun	92.83	32	P	P	10 43 01.2	+1.1
L38A	Oak Wood Farm,	92.85	13	P	P	10 42 59.5	-0.3
DECC	Green Verdugo	92.91	34	P	P	10 43 01.4	+1.1
L39A	Vinton	93.02	12	P	P	10 42 60.0	-0.7
M35A	Neola	93.03	15	P	P	10 43 00.9	+0.2
L40A	Anamosa	93.19	12	P	P	10 43 00.5	-0.9
BFSC	Mount Baldy Ra	93.20	34	P	P	10 43 00.9	+0.9
HEC	Hector Ludlow	93.21	33	P	P	10 43 01.6	-0.2
L41A	Preston	93.28	11	P	P	10 43 00.5	-1.4
M37A	Trinidad Farm,	93.39	14	P	P	10 43 01.9	-0.4
BBRC	Big Bear Solar	93.47	33	P	P	10 43 03.5	+0.3
N34A	Lincoln	93.48	16	P	P	10 43 02.2	-0.6
GMRC	Granite Mounta	93.51	32	P	P	10 43 04.0	+0.8
M38A	Pleasantville	93.52	13	P	P	10 43 02.8	-0.1
M39A	Webster	93.62	12	P	P	10 43 03.4	0.0
N35A	Tabor	93.62	15	P	P	10 43 03.7	+0.2
N36A	Muff Farm, Cla	93.79	15	P	P	10 43 04.7	+0.5
MVCO	Mesa Verde	93.83	26	P	P	10 43 04.9	+0.1
MVCO	Mesa Verde	93.83	26	eP	P	10 43 04.9	+0.1
KSC0	Kaye Shedlock'	93.83	21	eP	P	10 43 05.1	+0.5
KSC0	Kaye Shedlock'	93.83	21	eP	P	10 43 05.1	+0.5
S22A	4UR Ranch, Cr	93.85	24	P	P	10 43 04.7	-0.3
MURC	Murrieta	93.94	34	P	P	10 43 05.9	+0.8
M41A	Milan	93.97	11	P	P	10 43 03.9	-1.1
N37A	Lee Faris, Mou	93.98	14	P	P	10 43 05.0	-0.1
O33A	Hebron	93.99	17	P	P	10 43 04.9	-0.3
BELC	Belle Mtn. Jos	94.07	33	P	P	10 43 06.3	+0.5
O34A	Beatrice	94.07	16	P	P	10 43 05.8	+0.3
N38A	Joel South For	94.12	13	P	P	10 43 05.5	-0.3
O35A	Humboldt	94.15	16	P	P	10 43 05.8	0.0
N39A	Derby Farms, D	94.16	13	P	P	10 43 06.0	+0.1
PFO	Pinyon Flats O	94.23	33	P	P	10 43 07.0	+0.5
PFO	Pinyon Flats O	94.23	33	eP	Pmax	10 43 06.9	+0.4
PFO	Pinyon Flats O	94.23	33	eP	Pmax	10 43 06.9	+0.4
TPFO	Pinon Flats	94.23	33	P	P	10 43 06.9	+0.3
SDCO	Great Sand Dun	94.23	23	P	P	10 43 06.3	-0.5
IRM	Iron Mountain	94.26	32	P	P	10 43 07.8	+1.2
N40A	Mertquake, Sal	94.29	12	P	P	10 43 06.1	-0.4
WUAZ	Wupatki	94.42	29	P	P	10 43 08.3	+0.9
WUAZ	Wupatki	94.42	29	eP	P	10 43 08.5	+1.1
O36A	Bolckow	94.46	15	P	P	10 43 07.5	+0.2
PDMCI	Parker Dam, Lak	94.51	31	P	P	10 43 08.6	+1.0
O37A	Wolven Farm, M	94.57	14	P	P	10 43 07.3	-0.5
N42A	Yates City	94.57	11	P	P	10 43 07.7	-0.1
N41A	Harden Midland	94.58	12	P	P	10 43 07.4	-0.4
BC3	Big Chuckawall	94.58	33	P	P	10 43 08.7	+0.5
P34A	Walnut Farm, R	94.66	16	P	P	10 43 08.1	-0.1
CBKS	Cedar Bluff	94.73	19	P	P	10 43 08.6	-0.1
CBKS	Cedar Bluff	94.73	19	eP	Pmax	10 43 08.5	-0.1
CBKS	Cedar Bluff	94.73	19	eP	Pmax	10 43 08.5	-0.1
O38A	Galt	94.73	14	P	P	10 43 08.6	+0.1
O39A	Kirksville	94.76	13	P	P	10 43 08.6	-0.1

P35A	Duane Minner,	94.84	16	P	P	10 43 08.7	-0.4
Y12C	Blythe	94.86	32	P	P	10 43 09.9	+0.7
MONP2	Monument Peak	94.87	34	P	P	10 43 09.0	-0.6
P36A	Good Intent, A	94.91	15	P	P	10 43 09.4	0.0
HDIL	Hopedale	94.94	11	P	P	10 43 09.2	-0.3
O40A	La Belle	95.00	13	P	P	10 43 09.7	0.0
P37A	Lathrop	95.10	15	P	P	10 43 10.2	0.0
T25A	Trinidad	95.11	23	P	P	10 43 10.2	-0.5
KSU1	Kansas State U	95.13	16	P	P	10 43 10.3	-0.1
KSU1	Kansas State U	95.13	16	P	P	10 43 10.2	-0.2
O41A	Comp-Z, 19nm, 0.8s	95.15	12	P	P	10 43 10.0	-0.4
O42A	Pasleys Farm,	95.19	11	P	P	10 43 10.2	-0.4
O43A	Sugar Creek Fa	95.20	11	P	P	10 43 10.5	-0.2
P38A	Dawn	95.21	14	P	P	10 43 10.0	-0.7
IKP	In-Ko-Pah, Jac	95.21	33	P	P	10 43 11.2	+0.2
Q34A	Chapman	95.24	17	P	P	10 43 10.3	-0.6
W18A	Petrified Fore	95.34	28	P	P	10 43 12.2	+0.5
W18A	Petrified Fore	95.34	28	eP	P	10 43 12.6	+0.9
GLA	Glamis	95.36	32	P	P	10 43 11.2	-0.5
SFIN	Lafayette	95.38	9	P	P	10 43 11.3	-0.2
P39B	Edwards Air	95.47	13	P	P	10 43 11.7	-0.2
Q35A	Mercer Eighty,	95.48	16	P	P	10 43 11.8	-0.2
N59A	State Game Lan	95.50	0	P	P	10 43 11.7	-0.3
Q36A	Arnold C. Orve	95.50	16	P	P	10 43 11.9	-0.1
P40A	Paris	95.55	13	P	P	10 43 11.6	-0.6
P41A	Barry, Barry	95.56	12	P	P	10 43 11.8	-0.6
Q42A	Winchester	95.75	11	P	P	10 43 12.8	-0.4
P37A	Longview Farm,	95.77	15	P	P	10 43 13.1	-0.2
R34A	Isabella, Hill	95.77	17	P	P	10 43 13.3	0.0
P43A	Skaggs, Pawnee	95.81	11	P	P	10 43 12.2	-1.3
Q38A	Cooks Store, C	95.84	14	P	P	10 43 12.9	-0.8
Q39A	Willow Grove F	95.86	14	P	P	10 43 13.5	-0.2
R35A	Emporia Munic	95.97	16	P	P	10 43 13.5	-0.8
Q40A	Laux Farm, Aux	96.06	13	P	P	10 43 14.1	-0.6
O56A	Blue Knob Stat	96.10	2	P	P	10 43 14.5	-0.3
P44A	Sand Creek, Wi	96.10	10	P	P	10 43 13.9	-0.9
R36A	Gordon, Harris	96.10	16	P	P	10 43 14.4	-0.4
Q41A	Truxton	96.24	12	P	P	10 43 14.5	-1.0
R37A	Tea Garden Farm	96.24	15	P	P	10 43 14.7	-0.8
Q43A	New Douglas	96.47	11	P	P	10 43 15.7	-0.8
T32A	Huddler Ranch,	96.47	19	P	P	10 43 16.2	-0.4
R38A	Fenwick Farm,	96.54	15	P	P	10 43 15.9	-0.9
ANMO	Albuquerque	96.55	25	P	P	10 43 16.7	-0.5
ANMO	Albuquerque	96.55	25	eP	Pmax	10 43 17.9	+0.7
ANMO	Albuquerque	96.55	25	eP	Pmax	10 43 17.9	+0.7
S35A	Otter Creek Ra	96.56	17	P	P	10 43 16.6	-0.3
R39A	Chumby, Stover	96.57	14	P	P	10 43 16.4	-0.6
Q44A	Meyer Farm, Va	96.60	11	P	P	10 43 16.3	-0.8
S36A	Lake Cedric, C	96.67	16	P	P	10 43 16.7	-0.7
R40A	Maddies Statio	96.72	13	P	P	10 43 16.7	-0.9
S37A	Fort Scott	96.78	15	P	P	10 43 16.8	-1.1
R41A	Rosebud	96.86	13	P	P	10 43 16.7	-1.5
R42A	Luebbering	96.96	12	P	P	10 43 17.6	-1.1
T34A	McCasky Farm	97.01	17	P	P	10 43 17.7	-1.3
S38A	Stockton	97.08	15	P	P	10 43 17.8	-1.5
R43A	Red Bud	97.09	11	P	P	10 43 17.8	-1.6
214A	Organ Pipe Nat	97.10	31	P	P	10 43 18.6	-0.9
S39A	Bolivar	97.12	14	P	P	10 43 18.6	-0.9
Y22D	IRIS PASCAL I	97.21	26	P	P	10 43 19.0	-1.1
R44A	Waltonville	97.24	11	P	P	10 43 18.3	-1.7
T36A	Boege Farm, Ca	97.25	16	P	P	10 43 19.7	-0.4
T35A	Sooner Cattle	97.26	17	P	P	10 43 18.6	-1.5
S40A	Lebanon	97.36	14	P	P	10 43 19.6	-1.0
U33A	Lingo Farm, Me	97.38	18	P	P	10 43 19.4	-1.3
T37A	Cheneyville 18	97.38	16	P	P	10 43 20.0	-0.6
S42A	Caledonia	97.46	12	P	P	10 43 20.1	-0.9
S41A	Jilco Farms,	97.49	13	P	P	10 43 20.7	-0.5
U34A	Anderson Ranch	97.50	18	P	P	10 43 19.6	-1.6
U35A	Pawnee	97.74	17	P	P	10 43 21.6	-0.6
S44A	Boege Farm, Ca	97.76	11	P	P	10 43 21.5	-0.8
T39A	Cleaver	97.76	14	P	P	10 43 21.4	-1.0
S43A	Fulton Ridge,	97.77	12	P	P	10 43 21.1	-1.3
T40A	Mansfield	97.79	14	P	P	10 43 21.8	-0.8
S45A	Carrier Mills	97.87	10	P	P	10 43 22.4	-0.5
T41A	Mountain View	98.02	13	P	P	10 43 23.1	-0.5
V34A	Guthrie	98.08	18	P	P	10 43 22.9	-0.9
T42A	Van Buren	98.14	13	P	P	10 43 23.2	-0.8
U38A	Gravette	98.14	15	P	P	10 43 23.3	-0.8
T43A	Greenville	98.21	12	P	P	10 43 23.3	-1.0
V35A	Meyer Ranch, C	98.30	17	P	P	10 43 23.4	-1.4
121A	Cookes Peak, D	98.35	27	P	P	10 43 24.0	-1.3
W32A	Sentinel	98.36	20	P	P	10 43 24.1	-1.0
U39A	Green Forest	98.37	15	P	P	10 43 24.3	-0.9
U40A	Yellville	98.51	14	P	P	10 43 25.2	-0.5

W33A	Caddo, Fort Co	98.52	19	P	P	10 43 25.1	-0.7
V37A	Hulbert	98.54	16	P	P	10 43 24.9	-0.9
MSTX	Muleshoe	98.54	23	P	P	10 43 24.9	-1.2
U41A	Viola	98.68	13	P	P	10 43 25.3	-1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHC Kasperske Hory, GERES GERESH Array B, MOA Mollin, etc.

ISCJB 27 10:57:26.1±0.7, 21.76N±0.10, 143.3E±0.2, h150km, mb3.8/11, Error ellipse: s-maj=24.6km s-min=13.7km az=176.8

IDC 27 10:57:26.3±7.5, 21.77N±143.25E, h135km, 69km, mb3.6/12, mb1 3.8/12, mb1mx3.6/40, mbtmp4.0/12, Error ellipse: s-maj=27.5km s-min=13.9km az=91.0

ISC 27 10:57:28.0±0.6, 21.82N±0.11, 143.2E±0.2, h150km, 0.18, az=672/11, mb3.8/11, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRSR Korea Array, H11N1 WAKE ISLAND HY 22.27 91 T, etc.

ISN 27 11:05:10.2±0.4, 36.09N±44.57E, h2km±3km, ML2.7, CSEM 27 11:05:11.2±0.3, 36.04N±44.50E, h2km, ML2.7, Error ellipse: s-maj=7.3km s-min=4.8km az=23.0

TEH 27 11:05:12.6±0.3, 36.13N±44.58E, h10km, ML2.7, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDHR Dehrash, ILIN Lien, etc.

ISK 27 11:15:33.8, 38.90N±27.84E, h4km, MD2.7, ISCJB 27 11:15:34.0±0.6, 38.89N±0.03, 27.83E±0.04, h1km, 7km, Error ellipse: s-maj=6.0km s-min=5.3km az=33.3

CSEM 27 11:15:34.6±0.1, 38.89N±27.83E, h2km, MD2.7, Error ellipse: s-maj=3.8km s-min=3.1km az=18.0

DDA 27 11:15:34.6, 38.87N±27.88E, h7km, MD2.6, ISC 27 11:15:34.1±0.1, 38.88N±0.03, 27.82E±0.03, h3km±6km, n20, c#66/30, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKS Akhisar, DEMI Demirci, KULA Kula-Manisa, etc.

IDC 27 11:18:14.5±1.6, 3.03S±142.52E, h0km, mb3.3/3, mb1 3.7/4, mb1mx3.5/28, mbtmp3.5/4, ML3.3/1, MS3.6/2, Ms1 3.6/2, ms1mx3.1/16, Error ellipse: s-maj=39.0km s-min=25.6km az=114.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAY Jayapura, GUMO Gumo, WRA Warramunga Arr, etc.

Table with columns: ASAR Alice Springs, FITZ Fitzroy Crossi, TGY Tagaytay City, H11S3 WAKE ISLAND HY 32.00 47 T, etc.

WEL 27 11:26:44.0±2.4, 45.32S±166.61E, h12km, ML4.2/18, Error ellipse: s-maj=2.4km s-min=1.3km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DCZ Deep Cove, PYZ Puysegur Point, WHZ Wether Hill Ro, etc.

IDC 27 11:28:02.0±0.6, 14.21N±90.24W, h0km, mb4.4/18, mb1 4.8/21, mb1mx4.5/32, mbtmp4.4/21, ML3.4/3, MS4.3/23, Ms1 4.3/23, ms1mx4.2/38, Error ellipse: s-maj=2.12km s-min=1.25km az=54.0

CASC 27 11:28:03.7±0.2, 14.18N±90.24W, h1km±6km, ML4.5, mb4.8(NEIC), ISCJB 27 11:28:05.8±0.4, 14.17N±0.03, 90.21W±0.03, h32km±3km, mb4.7/12, MS4.4/20, Error ellipse: s-maj=5.7km s-min=2.3km az=44.8

NEIC 27 11:28:09.8±0.6, 14.24N±90.15W, h50km±5km, mb4.8/19, MD4.4(SNET), Error ellipse: s-maj=6.3km s-min=3.1km az=21.0

NEIC Felt [III] at Guatemala and [II] at San Jose Pinula. Also felt at Barberena, Fraijanes, Guazacapan, Jutiapa, Mixco, Petapa and Villa Nueva. Felt [III] at Ahuachapan, El Salvador.

GCMT 27 11:28:09.8±0.3, 14.19N±90.33W, h14km±1km, MW5.0/80, Moment Tensor Solution. s25,c30; s80,c124; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=2.67±.19; Mw=1.76±.12; Ms=4.43±.15; Mo=0.64±.31; Mo0=1.15±.09; Mo-0.32±.24; Best double couple: Mc3.86700±1016

NP1±0.7, 0.0000±.854, 0.0000±.1, -50.0000±. NP2: m0=1.42, 0.000±.851, 0.000±.1, -132.000±. Principal axes: T 4.6420, Plg2.000±. Azm80.000±. N -1.55±. Plg31.000±. Azm171.000±. P -3.0910, Plg59.000±. Azm347.000±. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 27 11:28:05.5±0.7, 14.23N±0.04, 90.01W±0.04, h17km±4km, n578, c#120/568, mb4.8/12, MS4.3/20, 4C, Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IXG Ixpaco, CUSI Cusmapa, RBDL Robledal, etc.

OPAM San Salvador, OPAM Soyapango, LDBS La Fuente, LBR5 Las Brisas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAY Jayapura, GUMO Gumo, WRA Warramunga Arr, etc.

Table with columns: CCIG Comitán, TGUH Tegucigalpa, TGUH Tegucigalpa, CNNG Cerro Negro, ESTN Estel, etc.

ACOM Acoyapa, CRZI La Cruz, MESS Mesas, VCR Vieta de Mar, etc.

CUJ Cuijula, LA Esperanzas, CGA2 Cerro Gallo 2, HDC Heredia, LCR2 La Lucha 2, etc.

QGR1 Quepos, URSC Urasca, TLIG Tlapa, MOIG Morelia, Hargill, etc.

ZAIG Zacatecas, 035A bazz=148, 034A Hebrónville, etc.

SJCC San Jacinto, 934A Benavides, 737A Port Lavaca, etc.

835A Beoville, 933A Laredo, 836A Tilden, etc.

734A Circle Diamond, 637A Eagle Lake, 833A Chaparral WMA, etc.

636A Smothers Creek, 134A La Parita Cree, HELC Santa Helena, etc.

447A Lucedale, 635A Leesville, 832A Faith Ranch, etc.

440A Kirbyville, 634A China Grove, S, 536A Bastrop, etc.

535A Dale, 438A Sam Houston St, 344A Westbrook Farm, etc.

347A Saraland, 342A Flatiron Creek P, 341A Kurthwood, etc.

633A Sathoff Ranch, NORC Norcasia, 340A Bronson, etc.

534A Blanco, 339A Huntington, OCAC Ocan, etc.

338A Crockett, POPC Popayan, Colom, 245A Little Ap, Sta, etc.

244A Avery, Jackson, 533A Kerrville, etc.

337A Centerville, 435B Jarrell, 242A Grayson, etc.

241A Mo Tay, Golden, NBMS Nicksburg, etc.

VATX Vicksburg, VBMX Nacogdoches, NATX Nacogdoches, etc.

URIC Uribe, Colomb, CMBC Cumbar, 434A Burnet, etc.

336A Riesel, 335A Moody, ROSC El Rosal, etc.

ROSC comp=Z, 1.1nm, 0.3s, bazz=328, slow=12, SNR=5.5, 238A Jacksonville, 146A Union, etc.

433A Art, 237A Washetta, Mont, 143A Socs Landing, etc.

JCT Junction City, JCT Junction City, 147A Livington, etc.

141A Papa Simpson, 334A Lometa, 140A Cam and Jess, etc.

236A Katherine and, 139A Bunkhouse Ranc, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 147A Livington, 334A Lometa, etc.

27d 11h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes call signs like RUSC, 333A, CHIC, 138A, WHTX, etc.

2011 AUG

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes call signs like W35A, X32A, V39A, CPCT, WMOK, etc.

1448

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes call signs like 319A, R36A, OLIL, R35A, STVI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like PRU Pruhonice, PVCC Panska Ves, GPC GO Pecny, etc.

ISCJB 27 11:57:49.7±0.6, 11:57S±0.08; 166.5E±0.1, h59km, mb4.3/19, MS3.5/1, Error ellipse: s-maj=14.4km, s-min=10.9km az=159.2

IDC 27 11:57:52.9±3.3, 11:52S±166.44E, h72km±28km, mb4.0/14, mb1.4/11/16, mb1mx3.0/21, mbtmp4.3/16, MS3.5/2, Ms1.5/2, ms1mx3.0/28, Error ellipse: s-maj=21.9km, s-min=15.1km az=70.0

NEIC 27 11:57:53.7±1.5, 11:58S±166.43E, h82km±12km, mb4.5/5, Error ellipse: s-maj=13.2km, s-min=9.3km az=62.0

ISC 27 11:57:51.3±0.7, 11:52S±0.09; 166.5E±0.1, h59km, m35, ±108/31, mb4.3/19, Santa Cruz Islands

Main table for Santa Cruz Islands region with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, CTA Charters Tower, etc.

IDC 27 11:59:20.3±70.0, 16:58S±176.97W, h0km, mb4.0/3, mb1.4/1.3, mb1mx3.6/27, mbtmp4.0/3, MS4.3/2, Ms1.4/4/2, ms1mx3.4/24, Error ellipse: s-maj=1295.0km, s-min=180.8km az=78.0, Fiji Islands region

Table for Fiji Islands region with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 27 12:07:31.4±3.2, 18:09S±168.44E, h22km±20km, mb4.5/18, mb1.4/6/19, mb1mx4.5/32, mbtmp4.6/19, ML5.5/2, MS4.1/1/7, Ms1.4/1/17, ms1mx4.0/27, Error ellipse: s-maj=18.9km, s-min=12.7km az=88.0

BUI 27 12:07:33.0, 18:20S±168.30E, h53km, mb5.0/52, mb5.3/40, Ms5.1/17, Ms7.4/8/12

ISCJB 27 12:07:33.3±14S±0.04; 168.26E±0.03, h46km, 12km, mb5.1/110, MS4.3/27, Error ellipse: s-maj=6.3km, s-min=5.4km az=3.8

MOS 27 12:07:35.7±1.2, 18:00S±168.14E, h64km, mb5.3/30, Error ellipse: s-maj=9.5km, s-min=8.6km az=22.6

GCMT 27 12:07:37.1±0.2, 18:15S±168.07E, h46km, MW5.2/80, Moment Tensor Solution. s73.c103; s80.c115; Duration: 0 Moment tensor: Scale 1016Nm; Mr5.52±.22; Mw1.00±.16; Mb0.65±.14; Mn-2.06±.15; Mo-0.89±.12; Mw-0.19±.15; Best double couple: Mo6.48000×10¹⁶ Np1±206.00000°, s51.00000°, A118.00000°. Np2: s347.00000°, s47.00000°, A182.00000°. Principal axes: T 6.3190, Plg69.00000°, Azm 0.00000°, P -6.6400, Plg2.00000°, Azm277.00000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 27 12:07:37.1±0.9, 18:18S±168.24E, h68km±8km, mb5.2/72, Error ellipse: s-maj=5.4km, s-min=4.7km az=181.0

NEIC Felt [V] at Port-Vila, ISC 27 12:07:35.0±0.5, 18:17S±0.05; 168.21E±0.06, h52km±3km,

Main table for Vanuatu Islands region with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like DZM Mont Dzumac, HNR Honiara, CTA Charters Tower, etc.

Main table for 27d 12h region with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like KLRB Kellerberrin, MORW Morawa, TTSI Tana Toraja, etc.

27d 12h

2011 AUG

1452

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Time, Azimuth, Elevation, etc. Includes entries for CHIANG MAI, MAGADAN, LANZHOU, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Time, Azimuth, Elevation, etc. Includes entries for K05A, J05D, GRAC, BUC3, FURC, HDA, I05D, SHLO, GLA, GLA, TLY, TLY, GMRC, TUQ, IRM, ILAR, ILAR, ILAR, ILAR, YAK, YAK, YAK, YAK, SYO, SYO, GTA, GTA, GTA, WDC, WDC, L02D, N02D, M02C, CAST, ORV, ORV, ORV, ARVC, AFDM, CMB, CMB, VES, MWC, MWC, TRF, ISA, ISA, ISA, EDW2, M04C, BOD, BOD, MONP2, WAKR, LRMC, CWC, PNTR, PFO, TPFO, YERR, TVH3, MPMC, DAC, DAC, TVH2, TXAR, PAHR, GSC, GSC, GSC, BELC.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Time, Azimuth, Elevation, etc. Includes entries for ARU, ARCES, KLMR, ZEI, NEY, FINES, AKASG, KIEV, NB2, NOA, BRTR, BURAR, MLR, STHS, STHS, CRVS, ARR, DRGR, OKC, DPC, DPC, VYHS, VYHS, BZS, PVCC, CLL, CLL, GOPC, PREU, TRC, CONA, KHC, KHC, KHC, GERES, GERES, ARSA, MOA, SOKA, OBKA, TIR, TIR, OZLJ, KBA, JAN, JAN, JAN, MEM, MEM, DL, DL, BOJS, MYKA, CRNS, CRNS, PDO, ITM, ITM, AMT, IGT, IGT, JAVS, JAVS, SGD, UDBI, BCLA, BCLA, STU, STU, LK2D, LK2D, PVL, PVL, WATA, ABTA, ABTA, SNF, MOTA, RETA, SOTA, WLF, WLF, WLF, VLS, VLS, VLS, ZKS, DOU, DOU, BFO, BFO, FETA, FETA, DAVA, ECH, MOF, THEF, TUE, TUE, LOMF, TIP, TIP, CUC, AQU, AQU, O01, CBI, BNI, BNI, GDM, GRN, AGO, SSB, SSB, SSB, SSB, PETIT, LBL, CLTB.

mb3.6/9, Error ellipse: s-maj=8.8km s-min=5.3km az=146.5

CSEM 27 15:02:08.3, 0.2, 28.10N, 55.90E, h2km, ML3.4, Error ellipse: s-maj=7.4km s-min=4.4km az=56.0

ISC 27 15:02:08.2, 0.6, 28.11N, 0.04, 55.91E, h16km, n37, a=146/40, mb3.7/9, Southern Iran

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

IDC 27 15:04:58.1, 0.9, 6.26S, 131.20E, h0km, mb4.1/6, mb1.4/4.0, mb1mx4.0/4.0, mbtmp4.3/10, ML4.6/3, MS3.6/1, Ms1.3/6.1, ms1mx2.8/2.5, Error ellipse: s-maj=4.1, 0km s-min=17.8km az=68.0

ISCJB 27 15:05:01.4, 0.5, 6.51S, 0.04, 131.32E, 0.07, h35km, mb4.0/5, MS3.5/1, Error ellipse: s-maj=10.6km s-min=5.6km az=165.3

NEIC 27 15:05:03.6, 0.5, 6.42S, 131.19E, h35km, mb4.2/1, Error ellipse: s-maj=10.9km s-min=9.0km az=87.0

DJA 27 15:05:05.7, 0.5, 6.52S, 131.2E, h108km, 1.4km, MS.0/4, mb5.4/1, mb5.0/1, MLV4.9/4, MW(m)4.8/4

ISC 27 15:05:03.0, 0.6, 6.46S, 0.04, 131.44E, 0.07, h35km, n26, a=331/30, mb4.1/5, Tanimbar Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

ISCJB 27 15:06:52.0, 0.5, 8.63N, 0.03, 73.48W, 0.03, h133km, 6km, Error ellipse: s-maj=6.0km s-min=4.0km az=26.3

FUNV 27 15:06:55.7, 8.68N, 73.52W, h5km, MW3.2

RSNC 27 15:06:56.6, 0.9, 8.60N, 73.52W, h130km, 6km, ML3.3

IDC 27 15:06:59.6, 0.1, 6.56N, 71.23W, h186km, 3.9km, mb1.3/2.2, mb1mx2.8/3.6, mbtmp3.7/2, Error ellipse: s-maj=156.0km s-min=9.6km az=132.0

ISC 27 15:06:55.5, 1.1, 8.62N, 0.03, 73.50W, 0.04, h134km, 9km, n31, a=069/47, 1C-1D, Northern Colombia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

JMA 27 15:13:15.3, 0.1, 24.50N, 121.74E, h72km, 2km, M3.0

ISCJP 27 15:13:16.3, 0.4, 24.55N, 0.02, 121.92E, 0.02, h69km, 3km, Error ellipse: s-maj=2.4, 0km s-min=2.5km az=15.4

TAP 27 15:13:16.7, 24.53N, 121.77E, h64km, ML4.2, B

ISC 27 15:13:19.1, 0.2, 24.54N, 0.03, 121.82E, 0.02, h66km, 6km, n68, a=097/121, 7C-13D, Taiwan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

WEL 27 15:24:44.0, 0.4, 36.70S, 179.15E, h33km, ML3.5/13, 3C-4D, Error ellipse: s-maj=5.9km s-min=3.6km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

WEL 27 15:24:44.0, 0.4, 36.70S, 179.15E, h33km, ML3.5/13, 3C-4D, Error ellipse: s-maj=5.9km s-min=3.6km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

27d 16h

Table with columns: ID, Name, Az, El, SNR, and other parameters. Rows include stations like 248A Northport, 474A UCPARC, 1747 La Paz, etc.

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Table with columns: ID, Name, Az, El, SNR, and other parameters. Rows include stations like P38A Dawn, WMOK Wichita, S35A Otter Creek, etc.

1460

Table with columns: Code, Station Name, Az, El, SNR, and other parameters. Rows include stations like MCMT McKenzie, GRAC Grapevine, HLID Hailey, etc.

ISCJB 27 16:22:59.0±0.2, 35°41'N, 102°02'26"E, h81km, 3km, mb3.5/7, Error ellipse: s-maj=3.3km s-min=2.5km az=3.6k, ATH 27 16:23:00.7, 35°63'N, 26°59'E, h66km, 3km, ML3.7/7, Error ellipse: s-maj=3.9km s-min=1.0km az=148.0, IDC 27 16:23:00.5, 1.6, 35°72'N, 26°54'E, h59km, 15km, mb3.5/7, mb1 3.5/8, mb1mx3.3/43, mbrtm3.7/8, Error ellipse: s-maj=51.4km s-min=10.7km az=153.0, CSEM 27 16:23:00.6, 0.1, 35°44'N, 26°07'E, h71km, 4km, ML3.3, Error ellipse: s-maj=3.2km s-min=2.6km az=17.0, ISK 27 16:23:01.2, 35°56'N, 26°76'E, h51km, ML3.3, THE 27 16:23:02.7, 35°65'N, 26°56'E, h53km, 3km, ML3.4/13, Error ellipse: s-maj=3.8km s-min=0.6km az=136.0, HLW 27 16:23:02.5, 35°28'N, 26°92'E, h13km, 51km, M13.6, GII 27 16:23:05.8, 0.1, 35°11'N, 27°08'E, h32km, mb4.0/1, MD3.5/6, NIC 27 16:23:06.0, 0.2, 35°46'N, 27°28'E, h40km, ML3.4, DDA 27 16:23:17.2, 36°49'N, 27°80'E, h28km, M13.3, ISC 27 16:23:00.1, 0.7, 35°47'N, 103°03'26"E, h79km, 6km, n21, s195/331, mb3.3/7, Crest

Table with columns: Code, Station Name, Az, El, SNR, and other parameters. Rows include stations like KARP Karpathos, ISCO Idaho Springs, AGMM Agassiz Nation, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Heraklion, Santorini-Mono, Thira Island, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Prodomos, SLUM, SHUT, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ESDC, FINES, EKA, TORD, etc.

27d 19h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MAKZ Makanchi, Zalesovo Array, Rata Peaks, etc.

2011 AUG

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ARU Arti, GEYT Alibek, DLBC Dease Lake, etc.

1466

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MWC Mount Wilson, BFSC Mount Baldy, FURC Furnace Creek, etc.

Table with columns: ICAO, Name, Lat, Lon, Alt, Type, Status, and other flight details. Includes entries like MATAKAOA Point, AFIAMALU, etc.

Table with columns: ICAO, Name, Lat, Lon, Alt, Type, Status, and other flight details. Includes entries like HONOLULU, MAHUKONA, etc.

Table with columns: ICAO, Name, Lat, Lon, Alt, Type, Status, and other flight details. Includes entries like MAHUKONA, KEKHA, etc.

27d 20h

Table with columns for station call letters, name, elevation, distance, bearing, and other parameters. Includes stations like PET, PEAOB, PEAKB, etc.

2011 AUG

Table with columns for station call letters, name, elevation, distance, bearing, and other parameters. Includes stations like CMB, SWSC, KRMBC, etc.

1470

Table with columns for station call letters, name, elevation, distance, bearing, and other parameters. Includes stations like K04D, LHMI, J04D, etc.

UMPA	Umpang Tak	88.84	288	P	P	20 43 55.3	+1.8
SUA	Susitna One	88.91	14	eP	P	20 43 52.7	-0.2
SUA	Mount Pierson	88.98	47	eP	pP	20 45 47.6	+1.6
MTPU	Lummi Island	89.07	34	eP	pP	20 45 48.3	+1.1
B05A	Bryant	89.09	34	P	P	20 43 54.8	+0.9
XAN	Xi'an	89.14	308	P	pP	20 43 55.5	+1.0
XAN				pP	S	20 45 53.0	+5.4
XAN				S	pmx	20 54 01.8	+1.5
XAN				pmx	pmx		
LAMP	Lampang	89.19	291	P	P	20 43 56.7	+1.7
121A	Cookes Peak, D	89.21	54	P	P	20 43 55.8	+0.7
121A	Cookes Peak, D	89.21	54	eP	P	20 43 56.5	+1.4
E07A	Sunnyside	89.22	37	eP	P	20 43 55.4	+0.8
E07A	Marysvalde	89.23	47	eP	pP	20 45 48.8	+1.1
MSU	Marysvalde	89.23	47	eP	pP	20 43 55.9	+0.8
MSU	Marysvalde	89.23	47	eP	pP	20 45 49.5	+1.2
TTA	Tatalina	89.25	11	eP	pP	20 43 53.4	+0.9
TTA	Tatalina	89.25	11	eP	pP	20 45 49.7	+2.2
TTA	Tatalina	89.25	11	eP	pP	20 43 53.4	+0.9
HAWA	Hanford	89.29	37	eP	P	20 43 55.7	+0.8
PMR	Palmer	89.38	14	eP	pP	20 45 49.5	+1.4
PMR	Palmer	89.38	14	eP	pmx	20 43 53.8	-1.1
PMR	Palmer	89.38	14	eP	P	20 43 53.8	-1.1
KMI	Kunming	89.56	298	P	P	20 43 57.8	+0.9
KMI				pP	pP	20 45 51.5	+1.4
KMI				pP	pP	20 46 42.0	+0.3
KMI				S	S	20 47 40.3	+2.3
KMI				S	S	20 54 04.8	-0.1
KMI				S	S	20 57 22.5	+4.3
KMI				S	S	21 00 20.3	+3.8
KMI				pmx	pmx		
BMO	Blue Mountains	89.62	39	eP	pP	20 43 56.5	-0.1
BMO	Blue Mountains	89.62	39	eP	pP	20 45 51.8	+2.0
BMO	Blue Mountains	89.62	39	eP	P	20 43 56.5	-0.1
BMO	Camas Ranch	89.65	41	eP	pP	20 45 51.8	+2.0
MFID	Camas Ranch	89.65	41	eP	pP	20 43 57.2	+0.4
TLIG	Clap	89.69	71	eP	pP	20 45 49.0	-1.0
TLIG	Clap	89.69	71	eP	pP	20 43 58.0	+0.5
CM01	Chiang Mai Arr	89.72	290	eP	pP	20 45 51.2	+0.4
DUG	Dugway, Toco	89.73	45	eP	P	20 43 57.9	+0.6
DUG	Dugway, Toco	89.73	45	eP	P	20 43 57.8	+0.6
DUG	Dugway, Toco	89.73	45	eP	P	20 43 57.8	+0.6
CM31	Chiang Mai Arr	89.75	290	eP	P	20 43 58.8	+1.2
CMAR	Chiang Mai Arr	89.75	290	eP	P	20 43 59.0	+1.4
CMAR	Chiang Mai Arr	89.75	290	eP	P	20 45 49.0	-1.8
CMAR	Chiang Mai Arr	89.75	290	eP	P	20 47 40.1	+0.9
CMAR	Chiang Mai Arr	89.75	290	eP	P	20 43 59.0	+1.4
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.5	+1.1
CHTO	Chiang Mai	89.90	291	eP	pP	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	pP	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
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CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
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CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90	291	eP	P	20 43 59.4	+1.1
CHTO	Chiang Mai	89.90	291	eP	P	20 45 50.6	-1.0
CHTO	Chiang Mai	89.90					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BFO Black Forest, MYKA Terra Mystica, WATA Walderalm, etc.

KRSC 27 20:38:34.7 ± 1.9, 50.86N; 155.63E, h198km, 18km, ML3.9
ISCJB 27 20:38:35.3 ± 0.7, 51.03N; 08.155.2E ± 0.2, h186km, 7km, mb3.4/5, Error ellipse: s-maj=20.2km s-min=9.7km az=30.6

IDC 27 20:38:37.2 ± 2.2, 51.12N; 155.07E, h190km, 22km, mb3.2/5, mb1.3/4.7, mb1mx3.0/7.4, mbtmp3.9/7, Error ellipse: s-maj=28.4km s-min=15.9km az=62.0

ISC 27 20:58:49.1 ± 0.9, 36.01N; 02.24.60E ± 0.1, h189km, 8km, mb3.4/5, Error ellipse: s-maj=15.2km s-min=8.3km az=116.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, ASAK Asacha, APC Apacha, etc.

DJA 27 20:55:26.2 ± 1.5, 3.3S; 119.1E, h11km, 7km, M3.6/5, ML3.6/5, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TTSI Tana Toraja, SPSI Sidrap Palu, SPSI Sidrap, etc.

ISCJB 27 20:58:48.9 ± 1.2, 36.01N; 02.24.60E ± 0.2, h102km, 9km, Error ellipse: s-maj=2.9km s-min=2.8km az=140.9

ATH 27 20:58:48.7 ± 35.99N; 24.63E, h32km, 1km, ML3.4/4, Error ellipse: s-maj=1.3km s-min=0.8km az=116.0

CSEM 27 20:58:49.2 ± 0.2, 36.00N; 24.60E, h10km, ML3.4, Error ellipse: s-maj=3.9km s-min=3.5km az=27.0

THE 27 20:58:49.8 ± 35.99N; 24.63E, h18km, 2km, ML3.5/14, Error ellipse: s-maj=2.2km s-min=0.6km az=69.0

ISC 27 20:58:52.0 ± 36.48N; 24.82E, h5km, ML3.0

ISC 27 20:58:49.1 ± 0.9, 36.01N; 02.24.60E ± 0.2, h14km, 8km, n128, r123/167, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VAM Vamos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VAM Vamos, MHLO Agia Marina, etc.

LAST Lasithi 1.10 139 P S Pb 20 59 08.9 -1.1

LAST Lasithi 1.10 139 S S Pb 20 59 08.9 -1.2

LAST Lasithi 1.10 139 P S Pb 20 59 23.1 -1.2

LAST Lasithi 1.10 139 P S Pb 20 59 08.8 -1.3

NPS Neapolis 1.11 132 S S S Pb 20 59 23.2 -1.1

NPS Neapolis 1.11 132 S S S Pb 20 59 22.8 -1.6

NPS Neapolis 1.11 132 S S S Pb 20 59 08.2 -1.8

NPS Neapolis 1.11 132 S S S Pb 20 59 22.8 -1.6

GVD Gavdhos 1.24 200 P S Pb 20 59 12.4 +0.4

GVD Gavdhos 1.24 200 P S Pb 20 59 27.5 -0.6

GVD Gavdhos 1.24 200 P S Pb 20 59 12.7 +0.7

KYTH Kithira 1.29 282 P S Pb 20 59 12.4 +0.3

KYTH Kithira 1.29 282 P S Pb 20 59 12.4 +0.3

APL Apeiranthos 1.30 35 S S S Pb 20 59 29.2 -0.7

APL Apeiranthos 1.30 35 S S S Pb 20 59 11.5 -1.5

VLI Velia 1.52 298 P S Pb 20 59 15.3 -0.6

VLI Velia 1.52 298 P S Pb 20 59 34.5 -1.0

VLI Velia 1.52 298 P S Pb 20 59 14.8 -1.2

ZKR Zakros 1.59 124 P S Pb 20 59 16.2 -0.6

ZKR Zakros 1.59 124 P S Pb 20 59 22.7 +0.8

DID Didima 1.86 324 P S Pb 20 59 20.6 0.0

DID Didima 1.86 324 P S Pb 20 59 43.8 -0.1

DID Didima 1.86 324 P S Pb 20 59 20.6 0.0

DID Didima 1.86 324 P S Pb 20 59 43.8 -0.1

VLY Voula, Athens 1.95 341 P S Pb 20 59 22.7 +0.8

VLY Voula, Athens 1.95 341 P S Pb 20 59 22.7 +0.8

ATHU Athens Unvers 2.06 342 P S Pb 20 59 22.7 -0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KALE Kalithea, AYDB Zeytinok-Aydi, etc.

IDC 27 21:55:48.7 ± 2.7, 30.08S; 177.31W, h0km, mb3.3/2, mb1.3/6.2, mb1mx3.4/3.4, mbtmp3.3/2, Error ellipse: s-maj=56.0km s-min=28.0km az=78.0, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, etc.

ISCJB 27 21:58:25.2 ± 0.5, 50.23N; 0.02-12.52E ± 0.03, h15km, 5km, Error ellipse: s-maj=3.3km s-min=3.1km az=149.0

CSEM 27 21:58:26.2 ± 0.1, 50.23N; 0.02-12.52E ± 0.03, h10km, ML2.6/8, Error ellipse: s-maj=1.5km s-min=1.2km az=23.0

IASPEI 27 21:58:26.3 ± 0.8, 50.24N; 0.02-12.47E ± 0.02, h11km, 3km, Error ellipse: s-maj=3.4km s-min=2.8km az=82.6, G75 selection from ISC bulletin G75 identified by Bond jr and McLaughlin (2009) selection criteria Bond jr and McLaughlin, A new ground truth data set for seismic stations, <Seism. Res. Let.>, >>80<<30, 465-472, 2009

BGR 27 21:58:26.6 ± 0.2, 50.25N; 12.44E, h11km, 1km, ML2.0/6, Error ellipse: s-maj=2.2km s-min=1.1km az=104.0

PRU 27 21:58:27.4 ± 50.22N; 12.52E, h0km, West Bohemia Swarm

CLL 27 21:58:27.3 ± 0.3, 50.33N; 0.7-1.2E ± 0.1, h8km, 1km, ml2.0

ISC 27 21:58:26.5 ± 0.8, 50.24N; 0.02-12.49E ± 0.02, h11km, 3km, n61, r055/111, Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NKC Novy Kostel, NKC Novy Kostel, etc.

WERN Wernitzgruen 0.09 301 P S Pb 21 58 29.1 0.0

WERN Wernitzgruen 0.09 301 P S Pb 21 58 30.5 -0.5

WERN Wernitzgruen 0.09 301 P S Pb 21 58 29.1 0.0

WERN Wernitzgruen 0.09 301 P S Pb 21 58 30.5 -0.5

ROHR Rohrbach 0.11 265 P S Pb 21 58 29.2 -0.2

ROHR Rohrbach 0.11 265 P S Pb 21 58 30.8 -0.8

ROHR Rohrbach 0.11 265 P S Pb 21 58 29.2 -0.2

ROHR Rohrbach 0.11 265 P S Pb 21 58 30.8 -0.8

GUNZ Gunzen 0.16 320 P S Pb 21 58 30.2 +0.1

GUNZ Gunzen 0.16 320 P S Pb 21 58 32.3 -0.4

GUNZ Gunzen 0.16 320 P S Pb 21 58 30.2 +0.1

GUNZ Gunzen 0.16 320 P S Pb 21 58 32.3 -0.4

TANN Tannenbergstta 0.17 354 P S Pb 21 58 30.5 +0.1

TANN Tannenbergstta 0.17 354 P S Pb 21 58 32.9 -0.2

TANN Tannenbergstta 0.17 354 P S Pb 21 58 30.5 +0.1

TANN Tannenbergstta 0.17 354 P S Pb 21 58 32.9 -0.2

MULD Muldenberg 0.18 342 P S Pb 21 58 30.6 +0.1

MULD Muldenberg 0.18 342 P S Pb 21 58 32.9 -0.2

MULD Muldenberg 0.18 342 P S Pb 21 58 30.6 +0.1

MULD Muldenberg 0.18 342 P S Pb 21 58 32.9 -0.2

WERD Werd 0.24 330 P S Pb 21 58 31.5 0.0

WERD Werd 0.24 330 P S Pb 21 58 34.4 -0.4

WERD Werd 0.24 330 P S Pb 21 58 31.5 0.0

WERD Werd 0.24 330 P S Pb 21 58 34.4 -0.4

TRIB Obertriebel 0.25 296 P S Pb 21 58 34.5 -0.7

TRIB Obertriebel 0.25 296 P S Pb 21 58 35.0 -0.7

TRIB Obertriebel 0.25 296 P S Pb 21 58 34.5 -0.7

TRIB Obertriebel 0.25 296 P S Pb 21 58 35.0 -0.7

27d 23h

Table with columns: CLL, Colim, 1.11 17 i Pg, P, 21 58 47.8 +0.1, 21 58 50.0, 21 59 03.3 0.0, etc.

ISC/JB 27 22:02:20.2±0.8, 19:55.0:1x176:8W:0.1, h10km, mb4.1/12, Error ellipse: s-maj=19.6km s-min=18.8km az=148.6

NEIC 27 22:02:22.0±0.7, 19:56.5:176:84W, h10km, mb4.4/7, Error ellipse: s-maj=18.2km s-min=17.8km az=197.0

IDC 27 22:02:21.5±4.4, 19:58.5:176:99W, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.7/3.4, mbtmp3.9/4, Error ellipse: s-maj=104.0km s-min=44.6km az=34.0

ISC 27 22:02:21.9±0.8, 19:56.0:1x176:8W:0.2, h10km, n14, 18/18/14, mb4.1/12, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, etc.

IDC 27 22:06:08.6±4.4, 19:23N-145:82E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.4/3.9, mbtmp3.8/3, Error ellipse: s-maj=27.5.8km s-min=32.1km az=91.0, Mariana Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, etc.

KRNET 27 22:32:17.6±0.1, 38:25N-69:62E, mb3.1, NNC 27 22:32:18.1±5.9, 38:35N-69:62E, h0km, mb3.7, mpv3.2, Error ellipse: s-maj=45.4km s-min=27.2km az=173.0

ISC 27 22:32:16.8±0.3, 38:2N:0.2-69:4E:0.1, h12km, n10, 13/13/19, 8C-13D, Tajikistan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, etc.

KRNET 27 22:37:20.1±0.1, 42:51N:74:76E, h16km, mb2.3, SOME 27 22:37:20.7, 42:57N:74:78E, h5km, NNC 27 22:37:20.9±0.6, 42:78N:74:69E, h3km±6km, mb2.8, mpv2.4, Error ellipse: s-maj=19.0km s-min=2.2km az=157.0

2011 AUG

ISC 27 22:37:20.8±0.9, 42:54N:0.0-74:77E:0.02, h8km±6km, n38, 13/13/74, 27C-20D, Kyrgyzstan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, etc.

ISC 27 22:41:59.4±3.7, 51:23N:173:13E, h0km, mb3.7/5, mb1 4.1/5, mb1mx3.5/3.8, mbtmp3.7/5, Error ellipse: s-maj=86.7km s-min=38.5km az=23.0, ISC/JB 27 22:42:59.6±0.6, 52:87N:0.09-179:18W:0.08, h200km, mb3.4/3, Error ellipse: s-maj=12.0km s-min=6.4km az=6.3, NEIC 27 22:42:59.3, 52:56N:179:27W, h224km, MG3.3(AEIC), After AEIC, ISC 27 22:42:59.4±0.9, 52:8N:0.1x179:21W:0.06, h200km, n21, 15/25/26, mb3.6/3, Andreev Islands

1474

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, etc.

NEIC 27 09:25.5, 34:84S:178:29E, h284km, MG4.1 (WEL), After WEL, WEL 27 23:09:40.9±0.7, 35:79S:178:16E, h203km±6km, ML3.9/13, 3C-2D, Error ellipse: s-maj=11.9km s-min=9.0km az=90.0, East coast of North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, etc.

ISC/JB 27 23:14:26.6±0.4, 52:21N:0.10x178:77W:0.07, h175km±4km, mb4.0/19, Error ellipse: s-maj=16.1km s-min=6.3km az=164.4

NEIC 27 23:14:28.7, 52:08N:178:70W, h172km, mb4.4/7, After AEIC, IDC 27 23:14:29.4±4.2, 52:33N:178:80W, h191km, 39km, mb3.6/15, mb1 3.8/16, mb1mx3.5/5.0, mbtmp4.1/16, Error ellipse: s-maj=17.8km s-min=11.5km az=166.0, ISC 27 23:14:27.0±0.6, 52:1N:0.1x178:75W:0.06, h179km±5km, n56, 13/37/62, mb4.1/19, Andreev Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, Res, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for KICM Kanaga Island, KIRH Kanaga Island, etc.

ISK 27 23:14:29.6, 35.35N, 26.85E, h66km, MD3.2
ATH 27 23:14:30.8, 35.44N, 27.07E, h30km, 1km, ML2.6/2, Error
ellip: s-maj=5.5km s-min=1.6km az=143.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for KARP Karpathos, ZKR Zakros, ARG Arkhangelos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for JMA 27 23:16:20.2, 0.6, 44.47N, 148.21E, h0km, M4.6, SKHL 27 23:16:22.4, 0.6, 44.78N, 148.19E, h97km, 3km, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for BARC Barichara, GIRC Giron, Santand, PAMC Pamplona, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for ELOV Villa del Rosa, CURV Curarigua, BAUV El Baul, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for IDC 27 23:42:43.8, 1.2, 37.35N, 144.79E, h0km, mb4.0/3, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and Name. Includes stations like WERD, TRIB, PLN, SCHF, BRG, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Name, and additional details. Includes stations like ABTA, ARSA, SOKA, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Name, and additional details. Includes stations like X35A, BC3, WUAZ, etc.

Table with columns: Station ID, Name, Time, Az, El, P, S, R, Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Van Buren, Jilco Farms, Chumley, Stover, etc.

Table with columns: Station ID, Name, Time, Az, El, P, S, R, Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like BORG Borgarnes, SEY Seymchan, NOA NORSAR Array B, etc.

Table with columns: Station ID, Name, Time, Az, El, P, S, R, Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like QIZ Lanzhou, CD2 Chengdu, SONM Songoing Array, etc.

28d 2h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WAKE ISLAND HY 28.38 124 T, WAKE ISLAND HY 28.39 124 T, etc.

CSEM 28 01:25:41.3,0.3,50.23N,12.59E,h2km,ML3.0/13, Error ellipse: s-maj=6.0km s-min=4.1km az=167.0

PRU 28 01:25:41.5,50.23N,12.52E,h1km,West Bohemia Swarm

CLL 28 01:25:41.5,0.3,50.30N,0.7x1.2E,h8km,1km,m2.4

ISC 28 01:25:41.4,0.8,50.23N,0.02,12.46E,0.03,h10km,4km,n44,01930/84,9D,Germany

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Novy Kostel, Wernitzgruen, Rohrbach, etc.

2011 AUG

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CONA Conrad Observa, ARSA Arzberg, OKC Ostrava-Krasne, etc.

WEL 28 01:38:49.1±0.1,43.18S,172.02E,h9km,1km,ML3.6/17, 4C-5D, Error ellipse: s-maj=0.9km s-min=0.7km az=90.0,

Main table of station data for the 2011 AUG section with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Oxford, Kahutara, Denniston Nort, etc.

ISCJB 28 01:54:11.8,1.2,24.02N,0.03,122.60E,0.02,h12km,8km, Error ellipse: s-maj=5.8km s-min=2.8km az=163.9

JMA 28 01:54:12.3,0.1,24.03N,122.57E,h30km,3km,M2.4

TAP 28 01:54:12.4,24.03N,122.64E,h38km,1km,ML2.9,C

ISC 28 01:54:09.9,1.3,24.08N,0.05,122.62E,0.02,h2km,11km,n26,0112/48,Taiwan region

Main table of station data for the 2011 AUG section with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Yonagunijimaku, Yonaguni jima, Nanau, etc.

1480

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Ishigakijimahi, Lidau, Alishan, etc.

ISC 28 02:06:54.1±1.1,38.26N,21.62E,h0km,mb3.77, mb1 3.7/12, mb1mx3.5/48, mbtmp3.6/12, ML3.6/5, Error ellipse: s-maj=2.12km s-min=1.71km az=52.0

ISCJB 28 02:06:55.5,0.3,38.14N,0.01,21.62E,0.02,h9km,2km, mb3.77, Error ellipse: s-maj=2.4km s-min=2.2km az=6.3

ATH 28 02:06:55.4,38.13N,21.65E,h12km,1km,ML3.4/7, Error ellipse: s-maj=1.8km s-min=0.8km az=286.0

CSEM 28 02:06:55.6,0.1,38.13N,21.63E,h2km,ML3.6, Error ellipse: s-maj=2.8km s-min=1.5km az=21.0

THE 28 02:06:55.6,38.13N,21.64E,h9km,1km,ML3.6/15, Error ellipse: s-maj=1.3km s-min=0.3km az=223.0

ISC 28 02:06:55.6,0.8,38.13N,0.01,21.64E,0.01,h9km,5km,n162,01914/224,mb3.8/7,4C-3D,Greece

Main table of station data for the 1480 section with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Riolo of Patr, Drossia, Araxos, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like ZKS Zakynthos, THAL Thalerio, VLS Valsamata, VLX Vlachokerasia, etc.

Table with columns for Code, Station Name, Azimuth, Phase, ISC, Time, Res, and other parameters. Includes stations like KMO Kumora, NIZ Nizh Angarsk, YLVR Ulyunkhan, etc.

Table with columns for CRS Chara, frequency, and other parameters. Includes stations like BGT Bolshoye Golou, IRK Irkutsk, LSTR Listvyanka, etc.

28d 2h

Table of satellite observations for 28 days and 2 hours. Columns include station name, code, elevation, azimuth, range, and other parameters.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ANTU and other stations.

2011 AUG

Table of satellite observations for 2011 August. Columns include station name, code, elevation, azimuth, range, and other parameters.

ISCJB 28 02:15:05.8:1.0,33.94S:0.04:71.35W:0.10, h23km, 7km, Error ellipse: s-maj=13.6km s-min=5.2km az=13.6

NEIC 28 02:24:59.6:0.4,46.92N:22.92W, h10km, mb4.27, Error ellipse: s-maj=9.7km s-min=7.5km az=154.0

ISC 28 02:25:00.2:0.7,46.91N:0.09:22.79W, h10km, n86, e062733, mb3.8/21, MS3.3/4, North Atlantic Ocean

Table of satellite observations for 2011 August. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for PGRA, ADGH, ROSA, etc.

1482

Table of satellite observations for 1482. Columns include station name, code, elevation, azimuth, range, and other parameters.

SOME 28 02:29:17.2, 39.70N:73.57E, h5km, KRNET 28 02:29:20.8:0.1, 39.68N:72.81E, mb3.4

NINC 28 02:29:27.6:2.0, 40.06N:74.07E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=22.2km s-min=13.2km az=178.0

ISC 28 02:29:21.7:1.6, 39.47N:0.09:73.86E, h0.03, h4km, n13km, n34, c1577/65, 35C-14D, Tajikistan-Xinjiang border region

Table of satellite observations for 1482. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for DRK, ARSB, BTK, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like KK31 Karatay Array, KK31 Kokspek, KK31 1.1nm,0.6s, etc.

SJA 28 02:36:16.6:1.2,31.75S:66.74W, h131km,6km,ML3.8, MW3.8
ISCJB 28 02:36:17.0:0.7,31.74S:0.03:66.73W,0.04, h130km,8km, Error ellipse: s-maj=5.8km s-min=5.1km az=137.2

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like ACHE Chepes, ACAN Cantantal, AVFE Valle Fertill, etc.

ISCJB 28 02:36:40.6:1.1,67.78N:0.03:33.7E:0.2, h0km, Error ellipse: s-maj=9.3km s-min=4.3km az=0.6

HEL 28 02:36:41.1:0.3,67.74N:33.90E, h0km, ML2.7, Explosion
NAO 28 02:36:42.0:1.2,67.65N:33.71E, ML2.8

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like APA Apatity, AP29 Apatity, AP29 Apatity Array, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like ARAO baz=114,slow=37, ARAO ARCESS Array S, ARAO ARCESS Array S, etc.

ISC 28 03:05:55.1:1.6,33.25S:72.31W, h0km, mb3.6/2, mb1.3,0.5, mb1mx3.6/3.1, mbtrmp3.6/5, ML3.5, Error ellipse: s-maj=5.0km s-min=2.3km az=85.0

ISC 28 03:05:59.0:1.4,33.01S:72.19W, h4km,24km,ML3.7, MW3.7

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like AROD Rodeo, AROD Rodeo, AMOG Mogna, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like SIV San Ignacio, TXAR Lajitas Array, TORD Torodi Ar Be.

SJA 28 03:05:09.9,32.89S:72.43W, h70km,11km,ML3.5, MW3.6, 1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like ROCE El Roble, ROCE Uspallata, ROCE Leoncito, etc.

IDC 28 03:20:27.1:3.7,15.96S:173.16W, h0km, mb4.0/4, mb1.4/3.4, mb1mx3.8/3.9, mbtrmp4.0/4, MS3.5/3, Ms1 3.5/3, ms1mx3.3/2.4, 1C-1D, Error ellipse: s-maj=199.2km s-min=27.9km az=145.0, Tonga Islands

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like AFI Afiamalu, AFI Warrungarra Arr, DZM Mont Dzumac, etc.

IDC 28 03:32:40.5:5.5,43.10S:83.14E, h0km, mb4.0/4, mb1.4/2.4, mb1mx3.7/2.7, mbtrmp4.0/4, MS3.9/8, Ms1 3.8/8, ms1mx3.5/3.1, Error ellipse: s-maj=157.0km s-min=39.5km az=27.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, etc.

SJA 28 03:36:01.0:0.8,34.72S:72.47W, h0km,ML3.2,MW3.4
GUC 28 03:36:05.6:0.4,34.76S:71.78W, h50km,2km,ML3.5

ISC 28 03:36:06.5:1.2,34.78S:0.04:71.9W:0.1, h3km,20km, Error ellipse: s-maj=14.3km s-min=6.4km az=165.1

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes entries like CHPI Pichilemu, CHPI Pichilemu, CHPI Los Niches, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like Leoncito, Cerro Valdivia, Cerro Villicu, etc.

IDC 28 04:04:13.1±2.1, 18.78S±167.68E, h0km, mb3.9/5, mb1.4/1.6, mb1mx3.8/3.3, mbtmp3.9/6, ML3.6/1, Error ellipse: s-maj=52.7km, s-min=31.2km, az=130.0, ISCJB 28 04:04:15.9±1.6, 18.86S±167.6E±0.2, h28km, mb3.9/5, Error ellipse: s-maj=29.4km, s-min=11.9km, az=5.3

NEIC 28 04:04:17.9±1.5, 18.92S±167.79E, h35km, mb4.1/1, Error ellipse: s-maj=27.3km, s-min=20.7km, az=106.0, ISC 28 04:04:17.5±1.7, 18.95S±167.6E±0.2, h28km, n9, 0554/11, mb3.7/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like DZM, DZM, DZM, etc.

ISK 28 04:17:22.6±3.8, 14N±38.50E, h5km, MD2.8 CSEM 28 04:17:23.9±0.2, 38.15N±38.52E, h2km, MD2.3, Error ellipse: s-maj=5.2km, s-min=4.3km, az=92.0, DDA 28 04:17:23.9±3.8, 14N±38.55E, h7km, MD2.3, ISC 28 04:17:23.9±1.3, 38.14N±38.51E±0.04, h6km±12km, n24, e0547/35, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like ELZG, ELZG, ELZG, etc.

BUI 28 04:24:34.5±12.26S±167.30E, h242km, mb4.9/48, mb5.0/38

GCMT 28 04:24:36.7±0.4, 12.37S±166.89E, h232km, 3km, MW5.1/62, Moment Tensor Solution. s33,c39; s62,c74; Duration: 0 Moment tensor: Scale 1016Nm; Mr4.6±2.1; Mw=1.71±.23; Mw0=2.91±.22; Mw0.57±.22; Mw0.19±.24; Mw=-2.87±.21; Best double couple: Mw5.33000x1016 Np1=156.00000°, 61.00000°, 101.00000°. NP2: 6=313.00000°, 63.100000°, 170.00000°. Principal axes: T 5.5900, P1671.0000°, Azm32.0000°, N -0.520, P1670.0000°, Azm331.0000°, P -0.700, P1670.0000°, Azm238.0000°. nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISCJB 28 04:24:36.8±1.0, 12.45S±166.84E±0.03, h255km, 9km, mb4.7/101 Error ellipse: s-maj=6.1km, s-min=5.4km, az=172.7

NEIC 28 04:24:36.7±0.2, 12.39S±166.87E, h243km, 2km, mb4.8/58, Error ellipse: s-maj=4.4km, s-min=3.5km, az=130.0, IDC 28 04:24:37.1±1.4, 12.44S±166.89E, h249km, 13km, mb4.3/25, mb1.4/3.28, mb1mx4.3/3.6, mbtmp4.8/2.8, Error ellipse: s-maj=9.3km, s-min=7.7km, az=117.0

MOS 28 04:24:37.4±1.2, 14.05S±168.83E, h259km, mb4.9/23, Error ellipse: s-maj=8.4km, s-min=8.4km, az=118.0, ISC 28 04:24:35.8±0.5, 12.42S±166.95E±0.05, h245km, 4km, h235km, pP-P, n342, e126/388, mb4.8/101, 4C-6D, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like HNR, DZM, DZM, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like URZ, URZ, BKZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, ISC. Includes stations like MNSI, MNSI, SKNT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILB Eielson Array, DOT Dot Lake, DYT Haines Junction, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAKZ Makanchi, YKA Yellowknife Ar, SNAAS Sanae, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ROC1 El Roble, ANTU Antumapu, AMOG MOGNA, etc.

IDC 28d 04:30:29.8.0.4, 33.2205:72.21W, h0km, mb4.7/15, mb1.4/9.19, mb1mx4.7/28, mbtmp4.7/19, ML4.9/4, MS4.9/12, Ms1.4/9.12, ms1mx4.7/25, Error ellipse: s-maj=21.2km

28d 4h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like ROSC El Rosal, GUYC Guyana, Colomb, RUSC La Rusia, etc.

2011 AUG

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like 1406A Union, 1406A Bronson, 1450A Houston Renfro, etc.

1486

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like MIAR comp=Z,42nm,1.6s, V45A Humboldt, ABTX Abilene, Hawle, etc.

28d 4h

2011 AUG

1488

Table with columns: Station, Name, Time, Az, El, Az-1h, El-1h, Az-2h, El-2h, Az-3h, El-3h, Az-4h, El-4h, Az-5h, El-5h, Az-6h, El-6h, Az-7h, El-7h, Az-8h, El-8h, Az-9h, El-9h, Az-10h, El-10h, Az-11h, El-11h, Az-12h, El-12h. Includes stations like TMUT, MPMC, FURC, H31A, etc.

Table with columns: Station, Name, Time, Az, El, Az-1h, El-1h, Az-2h, El-2h, Az-3h, El-3h, Az-4h, El-4h, Az-5h, El-5h, Az-6h, El-6h, Az-7h, El-7h, Az-8h, El-8h, Az-9h, El-9h, Az-10h, El-10h, Az-11h, El-11h, Az-12h, El-12h. Includes stations like A33A, B31A, IMW, FLWY, etc.

Table with columns: Station, Name, Time, Az, El, Az-1h, El-1h, Az-2h, El-2h, Az-3h, El-3h, Az-4h, El-4h, Az-5h, El-5h, Az-6h, El-6h, Az-7h, El-7h, Az-8h, El-8h, Az-9h, El-9h, Az-10h, El-10h, Az-11h, El-11h, Az-12h, El-12h. Includes stations like EDM, EDM, EDM, PMRV, etc.

28d 4h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CTYL, BUY, TUZL, KAVV, ISK, KLYT, LDVT, ADVT, KLV, HRT, BARS, ZAGS, BOVS, BOLS.

PRU 28 04:40:07.1, 51.43N, 16.16E, h3km, Poland. Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC.

ISCJB 28 04:40:40.5, 0.3, 26.50N, 0.04, 96.54E, 0.03, h88km, mb4.4/67, Error ellipse: s-maj=5.2km s-min=3.2km az=173.6

BUI 28 04:40:40.0, 26.59N, 96.55E, h75km, mb4.6/29, mb4.8/17, Ms4.4/2

MOS 28 04:40:42.7, 1.1, 26.57N, 96.77E, h110km, mb4.4/27, Error ellipse: s-maj=10.7km s-min=5.7km az=116.8

NEIC 28 04:40:45.4, 0.6, 26.52N, 96.75E, h122km, mb4.6/29, mb4.5/18, Error ellipse: s-maj=6.2km s-min=4.5km az=61.0

IDC 28 04:40:45.4, 2.2, 26.54N, 96.76E, h120km, 21km, mb3.8/32, mb1.4, 0/33, mb1mx3.9/51, mbtmp4.2/33, MS4.5/5, Ms1.3/5, ms1mx3.1/49, Error ellipse: s-maj=12.0km s-min=9.1km az=50.0

ISC 28 04:40:42.1, 0.4, 26.55N, 0.05, 96.54E, 0.05, h88km, n161, c2=08/183, mb4.4/67, 17C-6D, Myanmar

Main station list for Poland and Myanmar with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC.

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Main station list for various regions including Simla, Dharamshala, Hu-ho-hao-te, Tai'an, Kashi, Simla, Karatay Array, Kurchatov, Borovoye, Usuriysk Arr, Geit, KLR, MJAR, AKVO, SVE, ARU, YSS, SOKR, ZEI, NEY, KIV, MA2, MA2, ANA, ANN, KLMR, SEY, OBN, OBN, PETK, BRTR, AKASG, AKASG, KIEV, KIEV, KIEV, VRI, VRI, VRI, FINES, FINES, FINES, PLOR, Plostina.

1490

Main station list for Germany with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC.

CSEM 28 04:40:59.4, 50.25N, 12.47E, h3km, 4C, Germany

Main station list for Germany with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC.

ISC 28 04:45:05.4, 37.13N, 30.42E, h2km, MD2.9

ISCJB 28 04:45:06.0, 6.3, 37.16N, 0.04, 30.44E, h4km, 7km, Error ellipse: s-maj=6.2km s-min=5.4km az=165.8

CSEM 28 04:45:06.7, 0.2, 37.16N, 30.42E, h5km, MD2.8, Error ellipse: s-maj=6.8km s-min=4.8km az=179.0

DDA 28 04:45:08.3, 37.10N, 30.36E, h7km, MD2.8

ISC 28 04:45:06.3, 1.0, 37.15N, 0.03, 30.44E, 0.03, h11km, 7km, n26, e1983/33, Turkey

28d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, PMG Port Moresby, STKA Stephens Creek, ASAR Alice Springs, etc.

NDI 28-08-01:49.7.2.6.25.72N:70.08E, h10km, ML3.5, 1D, India-Pakistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JASL Jaisalmer, BHUJ Bhuj, KHET Khethri, etc.

SJA 28-08-03:12.5.1.1, 31.76S:71.07W, h9km, 5km, ML3.4, MW3.4

GUC 28-08-03:15.3.0.5, 31.87S:71.03W, h9km, 5km, ML3.1

ISC 28-08-03:14.1.2.1, 31.89S:06.70W, h8km, 0.08, h5km, 12km, n20, r111/34, 12D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ROCH El Roble, ROCI El Roble, PEL Peldehue, etc.

ASN 28-08-30:39.7.0.3, 37.72N:44.14E, h0km, ML3.0
DDA 28-08-30:44.7, 37.86N:44.20E, h5km, MD2.5
ISK 28-08-30:44.22E, h5km, MD3.1
CSEM 28-08-30:45.4.0.7, 37.92N:44.28E, h2km, MD2.5, Error

2011 AUG

ellipse: s-maj=15.3km s-min=7.6km az=113.0
ISC 28-08:00:44.1.2.0, 37.87N:0.04, 44.35E:0.08, h5km, 10km, n14, c087/22, Turkey-Iran border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BASK Baskale_VAN, BASK Baskale_VAN, HSKR Hakkari, etc.

IDC 28-08:04:46.9.1.0, 11.51S:72.94W, h0km, mb3.7/5, mb1.4/1.9, mb1mx3.9/34, mbtmp4.0/9, ML4.2/4, MS3.1/3, Ms1.3/1.3, ms1mx2.8/30, Error ellipse: s-maj=30.8km s-min=16.0km az=30.0

ISC/CJB 28-08:04:49.5.0.6, 11.49S:0.08, 72.92W:0.05, h33km, mb3.7/5, MS3.1/1, Error ellipse: s-maj=11.1km s-min=6.9km az=171.6

ISC 28-08:05:1.6.0.7, 11.46S:0.10, 72.92W:0.07, h35km, n15, r111/14, mb3.6/3, Central Peru

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNA Nana, LPAZ La Paz, LPAZ La Paz, SIV San Ignacio, etc.

NIED 28-09:23:00.34.10N:135.30E, h5km, Mw3.6 Best double couple: M3.13000*10^14 NP1.5:209.00000; 342.00000; 1.126.00000; NP2.341.00000; 353.00000; 3.4200000

ISC/CJB 28-09:23:04.5.0.5, 34.06N:0.03, 135.30E:0.03, h13km, 4km, mb4.0/7, Error ellipse: s-maj=4.4km s-min=3.7km az=176.5

IDC 28-09:23:04.2.0.9, 34.04N:135.30E, h0km, mb3.9/5, mb1.3.8/1.1, mb1mx3.6/62, mbtmp3.7/11, ML3.4/5, MS2.6/1, Ms1.2.6/1, ms1mx2.4/38, Error ellipse: s-maj=16.8km s-min=16.4km az=49.0

JMA 28-09:23:05.1, 34.07N:135.33E, h5km, 1km, M3.8 Broadband fault plane solution: P waves. NP1: 0.30.00000; 376.00000; 1.109.00000; NP2: 0.155.00000; 323.00000; 37.00000; Principal axes: T P155.0000; Azm323.0000; N P1g18.0000; Azm205.0000; P P1g29.0000; Azm105.0000;

NEIC 28-09:23:07.6.3.0, 34.04N:135.35E, h24km, 24km, mb4.7/2 Error ellipse: s-maj=11.5km s-min=9.0km az=158.0

NEIC Recorded [3 JMA] in Wakayama. ISC 28-09:23:05.1.0, 34.07N:0.03, 135.33E:0.02, h8km, 7km, n32, r102/42, mb4.1/7, 3C-5D, Near south coast of western Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JWM Minabe, JWM Koyu, JAW Tsuna, etc.

1494

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSRS comp=Z.42nm, 18.2s, bazz=220, slow=35, Woujii Array Be, USRK Usuriysk Arr, etc.

DJA 28-09:28:54.0.0.4, 10.5'S:3.12'E, h10km, M3.9/7, mb4.0/1, ML3.8/7, Savu Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MMRI Maumere, MMRI Maumere, BANI Baing, Sumba, BATI Baumata, etc.

IDC 28-09:35:25.7.3.1, 7.38S:128.24E, h105km, 28km, mb3.7/14, mb1.3.9/17, mb1mx3.8/36, mbtmp4.2/17, Error ellipse: s-maj=28.2km s-min=12.5km az=78.0

ISC/CJB 28-09:35:28.4.0.4, 7.49S:0.05, 128.19E:0.04, h142km, mb3.8/14, Error ellipse: s-maj=7.2km s-min=5.6km az=158.7

DJA 28-09:35:30.0.0.4, 8'S:3.12'E, h167km, 9km, M4.7/7, MB5.0/2, mb4.7/6, MLv4.7/7, Mw(m)4.3/2

ISC 28-09:35:29.4.0.5, 7.50S:0.06, 128.19E:0.05, h142km, n29, r193/32, mb3.9/14, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Saumlaki, MSAI Masohi, SOEI Soe, etc.

ISC/CJB 28-09:37:31.5.0.7, 36.16S:106.26E, h128km, 8km, Error ellipse: s-maj=10.0km s-min=5.4km az=151.3

ISK 28-09:37:31.1, 36.50N:26.76E, h122km, MD3.1

ATH 28-09:37:33.0, 36.70N:26.56E, h31km, 6km, ML2.7/2, Error ellipse: s-maj=6.5km s-min=1.4km az=334.0

CSEM 28-09:37:33.0, 36.74N:26.66E, h100km, MD3.1, Error ellipse: s-maj=9.6km s-min=4.8km az=160.0

DDA 28-09:37:34.3, 36.16N:26.89E, h45km, Md2.8

ISC 28-09:37:31.4, 6.3672N:105.2668E:0.04, h121km, 11km, n45, r171/63, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BODT Bodrum, BODT Bodrum, DAT Data, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like ARG Arkhangelos, TUR Turunc, AYDB Zeytinokoy-Aydi, etc.

ICD 28 10:10:17.2-0.5, 24.385x115.95W, h0km, mb4.5/24, mb1 4.6/24, mb1mx4.5/35, mbtm4.4/24, MS5.2/7, Ms1 5.2/7, ms1mx4.9/14, Error ellipse: s-maj=13.5km s-min=12.7km az=90.0

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like RPN Rapa Nui, RPN Rapa Nui, PTCN Pitcairn Islan, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like FSA Cafayete, TLIG Tiapa, LPZ La Paz, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like GLA Glamis, GLA Glamis, 121A Cookes Peak, etc.

28d 10h

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like 238A Jacksonsville, 136A Ennis, 341A Kurthood, etc.

2011 AUG

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like W34A Bridge Creek, W34A Salina, BRAL Brewton, etc.

1496

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes entries like TIGA Tifton, U37A Salina, T34A McClaskey Farm, etc.

28d 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, and other details. Includes stations like TARA Tarawa, E35A Pequeto Lakes, DGMT Dagmar, etc.

2011 AUG

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, and other details. Includes stations like WAKE Wake Island, STKA Stephens Creek, BALM Baldy, etc.

1498

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, and other details. Includes stations like ESDC Sonseca Array, KLR Kul'dur, KRSR Korea Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like UZH, KULM, GYA, KIEV, AKASG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MK01, KIB, KBY, ABKAR, LSA, GNI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MLAC, Y40A, R11A, etc.

ISCJB 28 10:13:09.6:0.5, 54°34'N, 161°16'W, h0.07, h65km, 4km, mb3.8/15, Error ellipse: s-maj=13.1km s-min=3.7km az=151.0

NEIC 28 10:13:09.3:54°73'N, 161°48'W, h36km, mb4.1/1, ML3.8(AEIC), After AEIC.

ISC 28 10:13:09.4:1.1, 54°92'N, 161°16'W, h48km, 8km, mb3.7/14, mb1 3.8/16, mb1mx3.6/50, mbtmp3.9/16, ML3.6/2, MS3.2/2, Ms1 3.3/2, ms1mx2.7/38, Error ellipse: s-maj=29.2km s-min=13.9km az=176.0

ISC 28 10:13:09.0:0.8, 54°83'N, 161°15'W, h54km, 6km, n62, i=942/66, mb4.1/15, Alaska Peninsula

Table with columns for station name, frequency, power, and other technical details. Includes stations like DOL, DT1, DTNA, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Sangihe, Cibinong, Gorontalo, Marisa, Luwuk, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Armadale, HHC, Chanchung, USRK, KLR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DBIC, TKL, BRWY, etc. Includes a large block of text with coordinates and station names.

28d 14h

Table with columns: NEY, NEYtrino, SH1A1, SH1A2, SH1A3. Columns include station name, coordinates, and time/residuals.

NEIC 28 13:04:22.3±1.5, 43.62N; 128.04W, h10km, ML3.2, Error ellipse: s-maj=17.6km s-min=7.8km az=62.0

ISC 28 13:04:23.3±3.7, 43.77N; 127.72W, h0km, mb3.4/3, mb1 3.7/6, mb1mx3.5/47, mbtmp3.5/6, ML3.6/2, MS3.1/4, Ms1 3.2/4, ms1mx2.8/24, Error ellipse: s-maj=51.3km s-min=26.1km az=60.0

ISC 28 13:04:21.3±2.2, 43.81N; 128.2W, 0.1, h11km, n50, c059/46, Off coast of Oregon

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Edson Butte, Tahkenitch, Drain, OR, etc.

ISCJB 28 13:35:34.6±0.9, 19.87N; 105.145°E, 0.3, h109km, mb3.8/10, Error ellipse: s-maj=35.7km s-min=7.6km az=177.1

ISC 28 13:35:37.3±2.9, 19.82N; 145.49E, h116km, 27km, mb3.6/10, mb1 3.7/12, mb1mx3.5/45, mbtmp4.0/12, MS3.2/6, Ms1 3.2/6, ms1mx2.9/38, Error ellipse: s-maj=35.6km s-min=17.1km az=85.0

Continuation of station list table with stations like Guam, Matsuhiro Arr, WAKE ISLAND Hy, etc.

2011 AUG

FINES FINESS Array B 85.79 335 P P 13 48 02.4 -0.9

WEL 28 13:45:53.2±0.4, 36.93S; 177.41E, h169km, 3km, ML4.1/50, 5C-27D, Error ellipse: s-maj=2.8km s-min=2.4km az=0.0, Off east coast of North Island

Main station list table for FINES FINESS Array B, including stations like Te Kaha, Matakaoa Point, Whale Island, etc.

1502

Table with columns: TWI, CPW, CPWZ, CPWZ, CPWZ, HOWZ, HOWZ, HOWZ, HOWZ, OTaki Gorge, etc. Lists stations and their coordinates.

DJA 28 13:56:16.7±1.3, 8°S; 107°E, h12km±13km, M3.7/6, ML3.7/6, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Cibinong, Sukabumi, etc.

ISCJB 28 14:23:16.8±0.4, 34.75N; 0.03; 52.40E±0.04, h10km, Error ellipse: s-maj=5.1km s-min=4.3km az=176.3

THR 28 14:23:16.0±0.8, 34.73N; 52.46E, h14km, 7km, ML4.1 TEH 28 14:23:18.6±3.4, 76N; 52.41E, h20km, ML4.2 CSEM 28 14:23:18.1±0.2, 34.77N; 52.40E, h20km, ML4.2, Error ellipse: s-maj=4.8km s-min=3.7km az=85.0

ISC 28 14:23:16.9±0.9, 34.76N; 0.03; 52.40E±0.03, h10km, n42, c051/46, Northern and central Iran

Main station list table for DJA 28, including stations like Lasjerd, Damavand, Firoozkoh, etc.

IBAF Bafgh 4.13 139 ePn Pn 14 24 20.7 +0.5

DC 28 14:28:46.9:1.1, 13.95N:92.13W, h0km, mb4.0/6, mb1 4.2/8, mb1mx3.9/38, mbtmp4.0/8, ML3.9/2, MS2.8/2, Ms1 2.8/2, ms1mx2.5/36, Error ellipse: s-maj=57.0km s-min=17.6km az=57.0

ISC/B 28 14:28:52.7:1.0, 14.10N:0.08:92.4W:0.1, h54km, mb3.9/6, MS3.1/1, Error ellipse: s-maj=17.0km s-min=9.4km az=155.0

MEC 28 14:28:55.4:1.6, 14.16N:92.30W, h16km, 705km, MD4.0

ISC 28 14:28:53.7:1.0, 14.05N:0.10:92.3W:0.1, h54km, n12, e=173/14, mb4.0/6, Near coast of Chiapas

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CCIG	Comitan	2.23	4	eP	14 29 29.2	+0.8
CCIG				Op	14 29 52.3	-2.5
CGIG				iS	14 29 35.6	+0.8
TGIG		2.83	344	eS	14 30 07.7	-1.7
CMIG	Matias Romero	3.92	321	Pn	14 29 50.3	-1.1
CMIG				Op	14 30 34.3	-1.8
CMIG				Op	14 31 07.0	
TXAR	Lajitas Array	18.50	327	P	14 33 08.5	+2.3
TKL	Tuckaleechee C	22.84	18	P	14 33 52.6	+0.3
ANMO	Albuquerque	24.41	331	P	14 34 09.7	+2.2
SGJ	San Juan	25.44	77	LR	14 44 47.6	
SJV	San Ignacio	42.94	133	P	14 36 47.6	0.0
YKA	Yellowknife Ar	50.91	347	P	14 37 48.6	-0.6
CPUP	Villa Florida	52.61	140	P	14 38 00.2	-2.1
ILAR	Eielson Array	62.58	337	P	14 39 14.2	+1.6
CMAR	Chiang Mai Arr	145.85	341	PKPbc	14 48 28.8	+0.5

WEL 28 14:40:22.6:0.2, 45.05S*167.39E, h113km, 1km, ML3.7/14, 4C-7D, Error ellipse: s-maj=1.4km s-min=1.0km az=90.0, South Island

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
DCZ	Deep Cove	0.45	201	iP	14 40 39.1	-0.2
DCZ				Op	14 40 51.6	-0.4
DCZ				Op	14 40 51.9	
MSZ	Milford Sound	0.54	46	iP	14 40 40.0	+0.1
MSZ				Op	14 40 52.5	-0.5
MSZ				Op	14 40 53.8	
MSZ				Op	14 40 54.7	
MLZ	Mavora Lakes	0.61	122	iP	14 40 40.0	+0.1
MLZ				Op	14 40 53.8	-0.2
WHZ	Wether Hill Ro	0.93	155	PN	14 40 43.2	-0.1
WHZ				Op	14 40 58.5	-0.5
WKZ	Wanaka	1.18	80	iP	14 40 59.1	
WKZ				Op	14 40 45.9	+0.1
WKZ				Op	14 41 04.4	
WKZ				Op	14 41 04.5	
WKZ				Op	14 41 06.2	
WKZ				Op	14 41 06.2	
PYZ	Puysegur Point	1.22	204	PN	14 40 46.9	+0.3
PYZ				Op	14 41 06.3	
PYZ				Op	14 41 06.3	
PYZ				Op	14 41 07.4	
EAZ	Earnsclough	1.37	98	PN	14 41 07.9	-0.2
EAZ				Op	14 41 06.1	
EAZ				Op	14 41 06.3	
EAZ				Op	14 41 06.3	
EAZ				Op	14 41 06.3	
JCZ	Jackson Bay	1.40	46	iP	14 40 47.5	-0.9
JCZ				Op	14 41 08.8	
JCZ				Op	14 41 10.3	
TUZ	Tuapeka	1.82	121	iP	14 40 53.1	-0.3
TUZ				Op	14 41 16.5	
TUZ				Op	14 41 16.5	
TUZ				Op	14 41 18.0	
TUZ				Op	14 41 18.0	
APZ	The Paps	1.83	167	PN	14 40 53.9	0.0
APZ				Op	14 41 18.6	
APZ				Op	14 41 20.0	
SYZ	Scrubby Hill	1.93	141	iP	14 40 54.7	0.0
SYZ				Op	14 41 17.5	-1.8
SYZ				Op	14 41 18.0	
SYZ				Op	14 41 18.3	
SYZ				Op	14 41 18.6	
LBZ	Lake Benmore	2.10	73	iP	14 40 55.2	-1.8
LBZ				Op	14 41 20.9	
LBZ				Op	14 41 20.9	
LBZ				Op	14 41 20.9	
ODZ	Otahua Downs	2.31	91	iP	14 40 58.3	-1.3
ODZ				Op	14 41 24.4	
ODZ				Op	14 41 25.5	
ODZ				Op	14 41 25.5	
ODZ				Op	14 41 25.9	
FOZ	Fox Glacier	2.31	50	iP	14 40 57.6	-2.0
HHSZ	Highcliff Hill	2.41	111	PN	14 41 00.5	-0.4
RPZ	Rata Peaks	2.95	64	PN	14 41 05.3	-2.6
RPZ				Op	14 41 40.3	
RPZ				Op	14 41 11.6	
WVZ	Waitha Valley	3.12	52	PN	14 41 07.4	-2.8
INZ	Inchbonnie	3.74	53	PN	14 41 15.7	-2.8
OXZ	Oxford	3.76	64	PN	14 41 15.4	-3.4
MOZ	McQueen's Vall	4.01	72	PN	14 41 19.3	-2.7
CRZL	Canterbury Las	4.04	70	PN	14 41 20.0	-2.4
LTZ	Lake Taylor	4.19	59	PN	14 41 20.2	-3.4
DSZ	Denniston Nort	4.61	46	iP	14 41 27.3	-2.9
THZ	Tophouse	5.19	53	PN	14 41 34.5	-3.5
QRZ	Quartz Range	5.66	44	PN	14 41 41.8	-2.5
NNZ	Nelson	5.82	51	PN	14 41 44.3	-2.2

TAP 28 15:05:25.6, 23.96N.121.61E, h7km, ML3.7, 14C-5D, B, Taiwan

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
HWA	Hwaiien	0.02	338	iP	15 05 27.3	+0.4
TWD	Chiawan	0.12	352	iP	15 05 28.7	+0.4
TWD				iS	15 05 31.1	+0.9
ESF	Shouteng Towns	0.13	229	eP	15 05 29.6	+1.2
ESF				eS	15 05 31.9	+1.7
ESL	Shilin	0.22	229	iP	15 05 30.5	+0.5
ESL				iS	15 05 33.4	+0.5
TEGC	Jichi Village	0.26	195	eP	15 05 32.7	+0.1
WHF	Hehuan Shan	0.37	300	iP	15 05 33.4	+0.3
WHF				eS	15 05 38.6	+0.7
ENA	Nanau	0.48	14	iP	15 05 35.2	+0.2
ENA				eS	15 05 41.9	+0.6
TWT	Tachien	0.50	306	iP	15 05 36.2	-0.6
TWT				eS	15 05 42.2	+0.4
EHY	Hungye	0.52	211	eP	15 05 36.2	+0.4
NNS	Nan Shan	0.53	335	iP	15 05 36.4	+0.5
NNS				eS	15 05 43.5	+0.6

SMLT	Sun Moon Lake	0.66	264	iP	Pb	15 05 39.1	-0.4
SMLT	baz=265			iS	Sg	15 05 47.6	+0.7
TWF1	baz=216	0.67	206	eP	Pg	15 05 38.6	0.0
ENTT	Nioudou	0.68	356	iP	Sg	15 05 39.3	+0.5
ENTT	baz=356			eS	Pg	15 05 49.3	-0.3
TWC	Suao	0.68	18	eP	Sg	15 05 38.8	0.0
TWC	baz=17			eS	Sb	15 05 50.1	+0.5
TYC	Yuchr	0.69	266	iP	Pb	15 05 39.6	-0.4
TYC	baz=268			S	Sg	15 05 48.7	+0.6
NSK	Sanguang	0.75	342	iP	Pb	15 05 40.9	-0.3
NSK	baz=343			Sg	15 05 50.6	+0.7	
TWE	Suao	0.76	4	iP	Pb	15 05 40.8	-0.5
TWE	baz=4.0			iS	Sb	15 05 51.2	-0.7
YUS	Yu-Shan	0.77	233	eP	Sg	15 05 41.4	-0.2
ILA	ilan	0.81	9	eP	Pg	15 05 40.0	-1.3
WNT	Mingjian	0.85	265	iP	Pn	15 05 44.2	+0.1
WNT	baz=266			eS	Sn	15 05 55.9	-0.9
ALS	Alishan	0.86	239	iP	Pb	15 05 43.1	0.0
ALS	baz=242			Sb	15 05 56.0	+0.9	
NSTT	Nanjuang	0.87	320	iP	Pb	15 05 43.6	+0.5
NSTT	baz=321			eS	Sb	15 05 55.0	0.0
TCU	Taichung	0.88	283	eP	Pn	15 05 44.4	0.0
NSY	Sanyi	0.90	301	eP	Pb	15 05 43.9	+0.2
NSY	baz=302			eS	Sn	15 05 59.0	+0.8
CHNS	Tsauling	0.93	248	iP	Pn	15 05 45.0	-0.3
CHNS	baz=239			eS	Sn	15 05 59.4	+0.5
ELDTW	Lidau	0.94	216	eP	Pg	15 05 42.6	-1.1
WKG	Gukung	1.00	255	iP	Pb	15 05 46.6	+0.5
WKG	baz=258			S	Sn	15 06 01.2	+0.7
TWA	Mucha	1.02	358	eP	Pb	15 05 45.9	+0.2
TWA	baz=348			eS	Sg	15 05 58.7	+0.2
HSN	Hsinchu	1.03	325	iP	Pn	15 05 47.7	+1.2
HSN	baz=326			eS	Sn	15 06 02.0	+0.9
TAP1	Taipei	1.08	356	eP	Pg	15 05 46.5	+0.1
TAP1	baz=355			eS	Sb	15 06 01.5	+0.5
NCU	National Center	1.08	339	eP	Pn	15 05 47.5	+0.2
NCU	baz=349			eS	Sn	15 06 04.5	+2.0
TAP	Taipei	1.08	355	eP	Pn	15 05 47.5	+0.3
TAP	baz=355			eS	Sb	15 06 00.9	-0.2
TWB1	Santiao Chiao	1.10	18	eP	Pn	15 05 47.4	-0.1
CHN4	Tsuanhan	1.11	237	eP	Pn	15 05 48.2	+0.5
STYT	Tauyuan	1.11	225	eP	Pn	15 05 47.8	+0.1
STYT	baz=229			eS	Sn	15 06 04.4	+1.0
NWF	Wu-fen Shan	1.12	8	eP	Pn	15 05 48.2	+0.3
CHN2	Minshiang	1.13	248	eP	Pn	15 05 48.9	+1.1
CHN2	baz=266			eS	Sn	15 06 05.2	+1.6
TWS1	Kuangyinshan	1.15	351	eP	Pn	15 05 49.2	+1.0
WTP	Tai-pu	1.16	233	eP	Pn	15 05 48.4	0.0
WTP	baz=239			eS	Sn	15 06 06.3	+1.8
WCT	Chiayi	1.18	247	eP	Pn	15 05 49.5	+0.9
WCT	Ta-ch'eng	1.22	266	eP	Pn	15 05 49.5	+0.3
TWG	Piniang	1.24	204	eP	Pb	15 05 48.5	-0.8
TWK	Hsiinying	1.24	237	eP	Pn	15 05 50.1	+0.6
TWK	baz=239			eS	Sn	15 06 07.3	+0.8
CHN1	Nanshi	1.26	233	eP	Pg	15 05 50.3	+0.5
CHN1	baz=240			eS	Sn	15 06 08.6	+1.7
SGST	Jiashan	1.29	228	iP	Pg	15 05 51.6	+1.3
SGST	baz=232			eS	Sn	15 06 10.1	+2.6
WTF	Chenhu	1.31	359	eP	Pg	15 05 52.9	+2.0
WSF	Szhu	1.31	256	eP	Pg	15 05 51.4	+0.5
WSF	baz=260			eS	Sn	15 06 10.1	+1.9
YOJ	Yonaguni jima	1.37	68	eP	Pg	15 05 53.4	+1.5
CHN8	Yiju	1.42	245	eP	Pg	15 05 53.2	+0.2
CHN8	baz=251			eS	Sg	15 06 13.7	+2.3
CHN3	Shinhua	1.44	233	eP	Pg	15 05 53.8	+0.5
CHN3	baz=238			eS	Sg	15 06 15.5	+3.4
SCLT	Jiali	1.52	239	eP	Pg	15 05 54.8	0.0
SCLT	baz=247			eS	Sg	15 06 16.2	+1.8
TWMI	Shoushan	1.57	224	eP	Pg	15 05 56.8	+1.0
SGLT	Jiouru	1.60	220	eP	Pg	15 05 56.4	0.0
SCZT	Fangliu	1.82	210	eP	Pb	15 05 58.5	-0.8
PNG	Penghu	1.93	259	eP	Pn	15 05 59.8	+1.0

CSEM 28 15:08:44.9:1.34:35N:45:27E, h0km, ML3.6, Iran-Iraq border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
BHD	Baghdad	1.31	215	eP	15 09 14.7	+4.3
BHD	SNR=90			eS	15 09 33.4	+4.8
NSR	Nassriya	3.41	167	eP</		

28d 18h

Table with columns: ISRB, comp, eAMB, AMB, 15 27 53.8

TIF 28 15:55:39.1, 42.53N, 43.00E, h13km
DDA 28 15:55:39.8, 42.49N, 40.87E, h36km, Md2.5
ISC 28 15:55:38.8, 3.2, 42.6N, 0.2, h15km, 15km, n5,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res

ISC 28 16:00:29.2, 1.9, 32.81N, 76.50E, h0km, mb3.4/6,
mb1 3.77, mb1mx3.4/5, mbtmp3.6/7, ML3.5/1, MS2.8/1,

NDI 28 16:00:30.9, 1.6, 33.36N, 76.95E, h15km, 548km, ML2.5
ISCJB 28 16:00:31.6, 0.6, 33.21N, 0.04, 77.2E, 0.1, h10km, mb3.3/5,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res

ISC 28 16:02:19.0, 1.8, 33.69S, 178.43W, h0km, mb3.7/2,
mb1 4.0/3, mb1mx3.7/28, mbtmp3.7/3, ML3.5/1, Error

Table with columns: Code, Station Name, Az, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res

ISCJB 28 16:22:00.2, 1.4, 36.53N, 0.05, 141.33E, 0.08, h17km, 9km,
mb3.2/2, Error ellipse: s-maj=11.6km s-min=7.6km

ISC 28 16:22:01.2, 6.2, 36.27N, 141.16E, h0km, mb3.2/2,
mb1 3.3/3, mb1mx3.2/28, mbtmp3.0/3, ML2.8/1, Error

JMA 28 16:21:59.9, 2.3, 36.58N, 0.06, 141.30E, 0.09, h6km, 12km,
n16, c058/17, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res

2011 AUG

Table with columns: WRA, ASAR, 16 31 43.9 +0.2, 16 32 09.1 -0.6

ISC 28 16:54:23.9, 0.8, 17.56S, 173.14W, h0km, mb3.8/8,
mb1 4.1/9, mb1mx3.9/37, mbtmp3.9/9, ML3.8/1, MS3.5/1,

ISCJB 28 16:54:25.0, 7.0, 17.42S, 0.09, 173.17W, 0.2, h28km,
mb4.0/10, MS3.5/1, Error ellipse: s-maj=24.8km

NEIC 28 16:54:25.2, 0.6, 17.48S, 173.10W, h10km, mb4.2/2, Error
ellipse: s-maj=20.6km s-min=11.8km az=116.0

ISC 28 16:54:27.9, 0.8, 17.45S, 0.1, 173.17W, 0.2, h28km, n18,
c1548/19, mb3.9/10, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res

ISC 28 17:20:31.7, 6.8, 14.95S, 167.36E, h103km, 52km, mb3.4/4,
mb1 3.6/5, mb1mx3.3/27, mbtmp3.8/5, Error ellipse:

ISCJB 28 17:20:32.7, 2.5, 15.15S, 0.1, 167.3E, 0.3, h129km, mb3.5/4,
Error ellipse: s-maj=46.0km s-min=15.2km az=164.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res

ISC 28 17:28:03.9, 18.0, 24.29S, 178.77W, h444km, 147km,
mb3.0/0, mb1 3.2/4, mb1mx2.8/24, mbtmp3.9/4, Error

Table with columns: Code, Station Name, Az, Phase ID, Time, Res

JMA 28 17:58:37.4, 0.4, 37.00N, 141.96E, h45km, M3.1, Near
east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res

ISCJB 28 18:04:52.8, 1.1, 24.44S, 0.09, 179.7W, 0.2, h490km,
mb3.5/7, Error ellipse: s-maj=21.9km s-min=11.9km

ISC 28 18:04:52.2, 2.7, 24.41S, 179.66W, h471km, 23km, mb3.2/7,
mb1 3.4/8, mb1mx3.1/23, mbtmp4.0/8, Error ellipse:

ISC 28 18:04:53.6, 1.1, 24.55S, 0.1, 179.6W, 0.2, h490km, n11,
c1501/16, mb3.6/7, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res

1504

Table with columns: AKASO, BRTR, 18 23 35.9 +0.5, 18 23 44.0 -0.3

ISCJB 28 18:08:32.4, 0.7, 46.8S, 0.1, 10.4W, 0.2, h10km, mb4.2/10,
MS3.7/15, Error ellipse: s-maj=18.1km s-min=14.3km

NEIC 28 18:08:34.2, 0.7, 46.74S, 10.39W, h10km, mb4.5/3, Error
ellipse: s-maj=23.6km s-min=16.5km az=142.0

ISC 28 18:08:35.2, 0.9, 47.03S, 9.82W, h0km, mb4.1/7, mb1 3.8/4,
mb1mx3.8/18, Error ellipse: s-maj=31.7km s-min=21.1km

ISC 28 18:08:35.1, 0.6, 46.9S, 0.1, 10.2W, 0.1, h10km, n36,
c2503/18, mb4.2/10, MS3.8/15, Southern Mid-Atlantic

Table with columns: Code, Station Name, Az, Phase ID, Time, Res

ISC 28 18:26:1.1, 1.4, 45.67N, 153.98E, h0km, mb3.5/4,
mb1 3.7/8, mb1mx3.5/34, mbtmp3.6/8, ML3.3/4, MS3.4/2,

ISCJB 28 18:26:2.0, 0.8, 45.16N, 0.08, 153.80E, 0.08, h35km,
n5, s-min=6.4km az=153.8

SKHL 28 18:26:27.1, 3.4, 45.18N, 153.93E, h56km, 4km, mb4.9/4,
MOS 28 18:26:28.1, 9.1, 45.58N, 153.71E, h58km, mb4.3/2, Error

ISC 28 18:26:26.7, 1.1, 45.09N, 0.10, 153.94E, 0.09, h35km, n42,
c150/46, mb3.7/4, 1D, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like West Tongariro, Oturere, Ngauruhoe, Taurewa, Hinemaiaia, Tukino, Wairara, Far West T-bar, Whangaeahu Hut, Dome Shelter, Turoa, Wahianoa, Moawhango, Mangateitei, Kaahu Road, Matea Rd, Black Hill Sta, Black Stump Fm, Kaweka Forest, Tolley Road, Handcock Road, Vera Road, Kereru, Ruatamahana, Mangahewa, Lake Rotokare, Kahuranaki, Cape Kidnapper, Durham Road, Ohakea, Tahuroa Road, Urewera, Palmer Road, North Egmont, Dannevirke, Kahui Hut, Post Office Ro, Pukeiti, Porangahau, Kokohu, Namu Road, Matawai, Rimuhau, Birch Farm, Tintock.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Raukumara Rang, Otaki Gorge, Holdsworth Sta, Moumakai, Kapiti Island, Te Maipa, Awhitu Peninsula, Mount Morrison, Cannon Point, Waiheke Island, Tory Channel, Quartz Range.

IDD 28.20:19:30.27.0.32.01S:179.85E,h360km,77km,mb3.1/2, mb1.3/4,mb1mx3.1/19,mbtmp4.0/4,Error ellipse: s-maj=93.7km s-min=43.7km az=5.0

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Matakaoa Point, Waioamatini S, Te Kaha, Raukumara Rang, Puketiti, Matawai, Urewera, Carnagh Station, Rimuhau, Ruatamahana, Mataia Rd, Mahia Peninsula, Waihua, Aropoanui, Black Stump Fm, McNeill Hill, Pukenui, Takapari Road, Quartz Range, Topohouse, Kahutara, Inohoua, Rata Peaks, ASAR, WRA, FINES.

DDA 28.20:41:24.5.38.66N:30.89E,h12km,Md2.6
ISK 28.20:41:24.9.38.67N:30.87E,h8km,Md2.8
ISCJ 28.20:41:25.1.0.4.38.66N:0.03:30.88E:0.04,h8km,4km, Error ellipse: s-maj=4.8km s-min=4.2km az=9.9

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Bolvadin, Suhut-Afyon, Egridir-ISP, Kizilcal, Eskisehir, Esbjerg, Isparta, Sivrihisar-ESK, Kadinhani, Karamall, Karahalli, Sutluce-Ispart, Bucak, Esiksehir, Ladik-KONYA, Ladik-KONYA, Tavsanli, Konya-Tatoy, Konya-Tatoy, Kula-Konya-Manisa, Kula-Manisa.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASCENSION HYDRM8.80, ASCENSION HYDRM8.14, ASCENSION HYDRM8.82, LA Paz, Torodi, Eielson Array.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Mt. Cagua, Callao Caves, Cauyuan.

MAN 28.21:13:20.18.87N:121.53E,h20km,mb4.2,ML3.0,MS2.7, IC Lazon
ISCJ 28.21:32:35.5:0.4.59:67N:0.03:153.03W:0.07, h121km,4km,mb3.8/1, Error ellipse: s-maj=6.7km, s-min=4.4km az=39.5

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Oil Point, Iliamna Low So, Augustine Is, Augustine Seas, Augustine Isla, Homer, Cape Douglas, McNeil River, North Crescent, Redoubt Jeurge, China Poot, Fourpeaked Sta, Fourpeaked Vol, Bradley Lake, Katmai Hardscr, Katkachamama La, Katmai, Katmai Knife C, Katmai Vly 10, Katmai Glacier, Katmai Barrier, Seward, Mount Kelaz, Sparrevohn, Kodiak Island, Jack Peak, Susitna One, Rabbit Creek A, Old Harbor, Port Wells, Knik Glacier, Glory Hole Cre, Sawmill, Purkeypile, Hinchebrook I, Port Fidalgo, Jack Peak, Talatina, Sheep Creek Mo, Talatina, Valdez, Div, Thoro-fare Moun, Kintasha Hill, Reinder, Bremner River, McKinley, PAX, McCarry VSAT, Wood River Hill, Barkley Ridge, Kiagna River, Baldy, Clear Creek Bu, College, Murphy Dome, Barnard Glacie, Eielson Array, Eielson Array, Iliamna Mountain, Beaver Creek A, Yellowstone Ar, Songo Array.

NIED 28.21:43:00.37:50N:141:90E,h11km,Mw3.4 Best double couple: M1.33000:1014 NP1:35:040000:845.00000, lambda-77.000000. NP2:213.00000:647.00000, lambda-102.000000

ISCJ 28.21:43:52.4:1.8.37:54N:0.05:141:98E:0.09, h15km,14km,mb3.4/1, Error ellipse: s-maj=11.6km s-min=7.4km az=14.9

JMA 28.21:43:53.5:0.1.37:54N:141:90E,h2km,3km,M3.6
IDD 28.21:43:53.5:3.36:90N:141:88E,h8km,mb3.2/1, mb1.3/3,mb1mx3.2/26,mbtmp3.3/3,ML2.4,MS2.5/1, Ms1.2.5/1,ms1mx2.2/14, Error ellipse: s-maj=74.2km s-min=34.3km az=53.0

ISC 28.21:43:52.3:2.1.37:57N:0.05:141:93E:0.08,h6km,11km, n15,c087/21,Near east coast of eastern Honshu

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Kawachi, Marumori, Ouri, Iwakimizuishi, Otama, Oukura, Ichinoseki, Shirataka, Yanaizu, Kanezuma, Matsuhiro, Matsuhiro, Ussuriysk Ar, Korea Array, Warramunga Arr.

28d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOOM, AAK, TKM2, ARK, BTk, IZV, MRKS, MTBS, TNS5, MNAS, MDOk, AAA, SATY, KUU, KURS, UZB, CHKK, KHK, KPKS, PDGK, IUG, ARXS, KK31, WMQ, WMQ.

GUC 28:22:25:12.8:0.7, 20'395S-68'87W, h105km, 4km, ML3.5, 2C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB01, PB08, PB09, HMBc, PB07, PB07, PB11, LVC, PSCG, PSCG, PB04, PB04, PB06, PB06.

IDC 28:22:30:03.1:6, 24.01S, 111.95W, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.6/1.9, mbtm3.6/2, Error ellipse: s-maj=68.1km s-min=45.6km az=10.0, Easter Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LPAZ, PDAR, H1S2, H1S1, H1S3, BRTR.

2011 AUG

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR, KBZ, NIED, JMA, ISC, JTH, MIWJ, JANG, JOM, JTM, JTM, JMK, JMK, JAH, JOT, JNK, JNK, JNK, JYK, JCH, JCH, ASAJ, ASAJ, ASAJ, MAT, MAT, MJAR, USRK, USRK, USRK, KRSR, KRSR, KRSR, ZALV, ZALV, KURB, ILAR, ILAR, WRA, ASAR, ASAR, FINES, KBZ, KBZ, ISCJB, IDC, NEIC, NEIC, NEIC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

1508

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BC3A, IM3, EGAK, COLD, DAWY, PNL, PDAR, TXAR, SONM, ZALV.

ISCJB 28:23:04:00.1:0.7, 6.79N, 0:04, 73:07W, 0:05, h159km, 6km, Error ellipse: s-maj=9.1km s-min=4.6km az=35.6

FUNJ 28:23:04:02.1:6.80N, 73:08W, h159km, ML3.1, Error ellipse: s-maj=43.9km s-min=29.2km az=44.0

ISC 28:23:03:59.9:1.4, 6.80N, 0:04, 73:07W, 0:05, h163km, 9km, n19, c117/32, 1C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BARC, GIRC, PAMC, BRRC, RUSC, CAPV, OCAC, YOPC, NORC, HELC, HELC, VIGV, SOCV, VILC, VILC, TOLC, PRAC, VIRV, CURV, BAUV, MONV.

IDC 28:23:09:18.7:8.3, 9:36S, 116:80E, h52km, 84km, mb3.4/3, mb1 3.9/5, mb1mx3.9/3.4, mbtm3.9/5, ML3.5/2, Error ellipse: s-maj=174.7km s-min=37.7km az=53.0

ISCJB 28:23:09:23.0:4.0, 9:37S, 0:07, 117:51E, 0:04, h71km, mb3.6/3, Error ellipse: s-maj=107.1km s-min=5.3km az=23.6

DJA 28:23:09:28.0:1.0, 7.9S, 117:7E, h55km, 5km, ML4.3/12, mb4.4/1, MLV4.2/12

ISC 28:23:09:22.6:0.8, 9:36S, 0:08, 117:52E, 0:05, h71km, n18, c264/21, mb3.8/3, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PLA1, TWSI, DNP, IGBI, SRBI, BASI, JAJI, ABJI, GMIJ, BLJI, BSSI, MMRI, PWJI, FITZ, WRA, WRA, ASAR, SONM, ZALV.

NIED 28:23:17:00, 37:00N, 140:70E, h8km, Mw3.3 Best double couple: M6.75000, 10:13 NP1.8, 83.00000, 837.00000, lambda=103.00000, NP2.8, 280.00000, 854.00000, lambda=80.00000

IDC 28:23:17:52.3:2.3, 37:02N, 140:83E, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.5/33, mbtm3.6/3, ML3.2/1, Error ellipse: s-maj=43.9km s-min=29.2km az=44.0

JMA 28:23:17:54.7, 37:02N, 140:86E, h10km, 1km, M3.5 Broadband fault plane solution: P waves: NP1: a2=65.0000, b2=0.0000, c2=0.0000, NP2: a2=92.0000, b2=0.0000, c2=99.0000, Principal axes: T: Pgs. 0000, Azm9.0000; N: Pigs. 0000, Azm100.0000; P: Pigs. 0000, Azm329.0000

JMA Felt I.1, ISC 28:23:17:54.2:0.9, 37:02N, 140:70E, 0:06, h14km, 17km, n12, c861/21, 6C, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ONAJ, JFO, JHK, JHT, JHT, JSB, JMM, JMM, JFY, JFY, JYT, MJAR, MJAR.

1509

Table with columns: MAT, Matsushiro, 2.06 257 P, Pb, 23 18 30.0 -1.4, etc.

ISCJB 28:23:18.01.7.0.8.23.4S:0.2x176:9W:0.1, h10km, mb4.3/14, Error ellipse: s-maj=22.3km s-min=17.7km az=157.5

NEIC 28:23:18.02.1.2.0.23.42S:176:85W, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.8/22, mbtmp3.8/5, Error ellipse: s-maj=52.9km s-min=32.7km az=31.0

NEIC 28:23:18.07.0.0.5.23.37S:176:82W, h35km, mb4.3/8, Error ellipse: s-maj=14.0km s-min=11.3km az=167.0

ISC 28:23:18.03.1.0.9.23.3S:0.2-176:8W:0.2, h10km, n17, c#062/17, mb4.0/14, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Eids, Charters Tower, etc.

MEX 28:23:18.19.3.0.9.14.86N:92.97W, h16km, 4.7km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like Comitan, etc.

BJI 28:23:58:05.5, 43'86N:104.46E, h6km, mb4.4/10, mb4.5/9, ML4.7/13, MS4.2/18, Ms7 3.9/5

ISC 28:23:58:05.2:0.7, 44.03N:104.61E, h0km, mb4.0/12, mb1 4.1/19, mb1mx3.9/40, mbtmp3.9/19, ML3.6/7, MS3.4/19, Ms1 3.4/19, ms1mx3.3/40, Error ellipse: s-maj=16.3km s-min=13.7km az=31.0

NEIC 28:23:58:06.8:0.5, 44.00N:104.56E, h10km, mb4.2/2, Error ellipse: s-maj=10.4km s-min=7.5km az=195.0

MOS 28:23:58:06.4:1.5, 44.03N:104.58E, h21km, mb4.6/10, Error ellipse: s-maj=15.9km s-min=9.0km az=134.0

OBM 28:23:58:09.6:0.1, 44.06N:104.64E, h18km, M4.8/2, Error ellipse: s-maj=1.7km s-min=0.8km az=72.0

ISC 28:23:58:06.7:0.7, 44.02N:104.57E:0.03, h9km, 4km, n92, c#62/114, mb4.3/26, MS3.5/17, H1C-13D, Mongolia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like DZBM, SONB4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like SONA3, SONB2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like ARTM, BULGAN, etc.

2011 AUG

Main table with columns: HHC, TSC, Hatgal, Talaya, LZH, etc. Includes station names and coordinates.

29d 0h

Table with columns: VSR, Storozhevoje, KIV, Kislovodsk, etc. Includes station names and coordinates.

ISCJB 29:00:12:58.2:0.7, 56.2S:0.1-26.7W:0.2, h35km, mb4.3/10, Error ellipse: s-maj=20.1km s-min=14.3km az=154.3

NEIC 29:00:12:59.9:0.5, 56.20S:26.68W, h35km, mb4.4/7, Error ellipse: s-maj=15.9km s-min=11.5km az=155.0

ISC 29:00:13:05.8:8.3, 56.23S:26.70W, h89km, 7.7km, mb3.8/4, mb1 3.9/5, mb1mx3.7/19, mbtmp3.7/19, Error ellipse: s-maj=26.4km s-min=24.6km az=156.0

ISC 29:00:12:59.8:0.7, 56.2S:0.2-26.7W:0.1, h35km, n14, c#071/14, mb4.2/10, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like PMSA, SHEL, etc.

ISC 29:00:38:19.4:6.5, 24.67S:179.13E, h570km, 70km, mb3.1/5, mb1 3.3/6, mb1mx3.1/21, mbtmp4.1/6, Error ellipse: s-maj=100.4km s-min=35.9km az=156.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like DZM, CTA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Neapolis, Lasithi, Karpathos, etc.

ISCJB 29:02:17.58.0.0.1, 56.41N, 01.147.59W, 0.02, h33km, mb=3.58, MS3.3/7, Error ellipse: s-maj=2.4km s-min=1.5km az=42.2

IDC 29:02:17.59.1.0.8, 56.41N, 146.77W, h0km, mb=1.1/3, mb1 4.3/17, mb1mx4.1/48, mbtmp4.1/17, ML4.04, MS3.2/11, Ms1 3.2/11, ms1mx3.0/49, Error ellipse: s-maj=22.9km s-min=13.5km az=24.0

NEIC 29:02:18.02.2.56.41N, 147.58W, h6km, mb4.4/51, ML4.4(AEIC), After AEIC.

ISC 29:02:18.00.0.0.5, 56.34N, 03.06.147.49W, 0.04, h35km, #491, r139/502, mb4.4/58, MS3.1/7, Gulf of Alaska

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Kodiak Island, Middleton Isla, Old Harbor, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Kiagna River, Verde Repeater, Palmer, etc.

ILAR 2.8mm, 0.3s, baz=196, slow=21, SNR=5.6

ILAR 2.8mm, 0.3s, baz=196, slow=21, SNR=5.6

ILB Eielson Array 8.46 2 P Pn

ILB Eielson Array 8.46 2 P Pn

ILB Eielson Array 8.46 2 P Pn

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ILB Eielson Array 8.46 2 P Pn

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like Chiloquin, Bassoon Peak, Callahan, etc.

29d 2h

2011 AUG

1512

Table with columns: Station ID, Name, Az, El, SNR, and other parameters. Includes stations like Q24A Divide, E33A Westby DABS, E, X16A Lo Mia Camp, P, etc.

Table with columns: Station ID, Name, Az, El, SNR, and other parameters. Includes stations like Q35A Mercer Eighty, L39A Vinton, O37A Wolfson Farm, M, etc.

Table with columns: Station ID, Name, Az, El, SNR, and other parameters. Includes stations like R42A Luebbering, X37A Clayton, Q43A New Douglas, etc.

ISCJB 29 02:20:12.20.0.4, 32.141N, 103.10555E, 0.04, h11km, mb3.8/9, MS3.5/4, Error ellipse: s-maj=5.4km s-min=4.3km az=4.1

Table with columns: Code, Station Name, n28, r1524/35, Turkey, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like SIMA Simav-Kutahya, GEDZ Gediz, DEMI Demirci, etc.

ISK 29 04:23:29.5, 34.922N, 25.92E, h41km, MD3.9
ATH 29 04:23:33.7, 35.44N, 26.08E, h22km, km, ML3.0/5, Error
ellip: s-maj=1.6km s-min=1.0km az=139.0

Table with columns: Code, Station Name, n53, r1507/140, Crete, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ZKR Zakros, NPS Neapolis, etc.

ISC 29 04:23:34.3, 0.6, 35.43N, 0.03, 26.08E, 0.02, h13km, 5km,
Error ellip: s-maj=5.6km s-min=2.5km az=173.0
CSEM 29 04:23:34.6, 0.1, 35.41N, 26.09E, h10km, ML3.0, Error
ellip: s-maj=4.6km s-min=2.3km az=164.0

Table with columns: Code, Station Name, n53, r1507/140, Crete, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ZKR Zakros, NPS Neapolis, etc.

ISC 29 04:23:34.5, 0.9, 35.42N, 0.03, 26.09E, 0.02, h13km, 8km,
n53, r1507/140, Crete
Last Lasithi, Lasithi, Lasithi, Lasithi, KARP Karpathos, etc.

Table with columns: Code, Station Name, n53, r1507/140, Crete, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ZKR Zakros, NPS Neapolis, etc.

JMA 29 04:34:26.1, 35.38N, 138.98E, h17km, 1km, M3, 4, 3C-2D
Broadband fault plane solution: P waves, NP1:
phi=46.00000, delta=135.00000, N P1:2
phi=154.00000, delta=848.00000, lambda=26.00000. Principal axes:

Table with columns: Code, Station Name, n53, r1507/140, Crete, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like ZKR Zakros, NPS Neapolis, etc.

Table with columns: DALY Dalyan (Mu'la), Time Res, ISC, h m s, ISC. Includes stations like DALY Dalyan (Mu'la), KYTH Kithira, FETY Fethiye, etc.

ISC 29 04:30:26.5, 2.2, 7.66S, 150.36E, h0km, mb3.3/2,
mb1 3.8/3, mb1mx3.5/2.3, mbtmp3.4/3, ML3.7/1, Error
ellip: s-maj=129.4km s-min=30.9km az=128.0, New
Britain region

Table with columns: Code, Station Name, n53, r1507/140, Crete, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like WRA Warramunga Arr, ILAR Eielson Array, etc.

ISC 29 04:33:40.5, 1.9, 16.91S, 178.22W, h0km, mb4.1/4,
mb1 4.3/4, mb1mx3.8/2.6, mbtmp4.1/4, Error ellip: s-maj=159.6km s-min=32.0km az=156.0, Fiji Islands
region

Table with columns: Code, Station Name, n53, r1507/140, Crete, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, etc.

JMA 29 04:34:26.1, 35.38N, 138.98E, h17km, 1km, M3, 4, 3C-2D
Broadband fault plane solution: P waves, NP1:
phi=46.00000, delta=135.00000, N P1:2
phi=154.00000, delta=848.00000, lambda=26.00000. Principal axes:

Table with columns: Code, Station Name, n53, r1507/140, Crete, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like JOD2 Odawara 2, JON Shimob, etc.

ISC 29 04:41:54.0, 2.1, 14.39N, 59.49W, h0km, mb3.5/4,
mb1 4.1/8, mb1mx3.8/3.9, mbtmp3.9/8, ML3.8/4, MS3.0/3,
Ms1 3.0/3, ms1mx2.7/2.3, Error ellip: s-maj=37.6km
s-min=25.9km az=113.0
TRN 29 04:42:00.9, 14.37N, 59.97W, h18km, MD4.3
ISCJB 29 04:42:02.6, 0.5, 14.38N, 0.02, 59.93W, 0.04, h65km, 6km,
mb3.4/4, Error ellip: s-maj=7.4km s-min=3.1km
az=164.6

Table with columns: Code, Station Name, n53, r1507/140, Crete, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like HOS51 Guadeloupe/Mar, HOS51, etc.

CSEM 29 05:46:56.8, 2.0, 51.43N, 16.17E, h1km, ML2.9/5, Error
ellip: s-maj=12.7km s-min=6.5km az=9.0
WAR 29 05:46:56.6, 51.47N, 16.15E, h1km, Mw2.1
PRU 29 05:46:57.4, 51.40N, 16.23E, h0km
ISC 29 05:46:56.8, 2.2, 51.43N, 0.03, 16.17E, 0.06, h0km, n19,
o6711/28, Poland

Table with columns: MDN Wesley, Time Res, ISC, h m s, ISC. Includes stations like MDN Wesley, DWS Wesley, BBL Barber's Block, etc.

ISC 29 05:26:41.5, 2.5, 6.24N, 126.31E, h0km, mb3.5/3,
mb1 3.7/3, mb1mx3.4/3.0, mbtmp3.5/3, Error ellip: s-maj=130.2km s-min=40.5km az=71.0
ISCJB 29 05:26:56.2, 0.9, 5.60N, 0.08, 126.0E, 0.1, h100km,
mb3.2/3, Error ellip: s-maj=20.9km s-min=8.1km
az=152.9
ISC 29 05:26:57.0, 1.2, 5.63N, 0.10, 126.0E, 0.2, h100km, n7,
o694/10, mb3.3, 1C-1D, Mindanao

Table with columns: Code, Station Name, n53, r1507/140, Crete, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like GSPH General Santos, DMPH Davao City-Mi, etc.

TIF 29 05:30:59.5, 42.55N, 43.01E, h13km, 1km
DDA 29 05:31:00.5, 42.58N, 42.55E, h7km, MD2.7
CSEM 29 05:31:00.5, 0.3, 42.61N, 43.01E, h10km, ML1.7, Error
ellip: s-maj=8.8km s-min=5.0km az=179.0
ISC 29 05:30:59.5, 1.3, 42.56N, 0.05, 43.02E, 0.03, h11km, 15km,
n9, o642/18, Western Caucasus

Table with columns: Code, Station Name, n53, r1507/140, Crete, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like GSPH General Santos, DMPH Davao City-Mi, etc.

CSEM 29 05:46:56.8, 2.0, 51.43N, 16.17E, h1km, ML2.9/5, Error
ellip: s-maj=12.7km s-min=6.5km az=9.0
WAR 29 05:46:56.6, 51.47N, 16.15E, h1km, Mw2.1
PRU 29 05:46:57.4, 51.40N, 16.23E, h0km
ISC 29 05:46:56.8, 2.2, 51.43N, 0.03, 16.17E, 0.06, h0km, n19,
o6711/28, Poland

Table with columns: Code, Station Name, n53, r1507/140, Crete, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

29d 6h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PRU, CLL, NKC, KHC, KHC, etc.

ATH 29 05:50:18.1, 35.42N, 26.12E, h2km, 2km, ML2.9/5, Error ellipse: s-maj=2.2km s-min=1.1km az=152.0

ISCJB 29 05:50:18.8, 0.6, 35.44N, 0.03, 26.10E, 0.02, h13km, 5km, Error ellipse: s-maj=5.9km s-min=2.8km az=167.0

CSEM 29 05:50:19.0, 0.2, 35.45N, 26.08E, h10km, ML2.9, Error ellipse: s-maj=4.9km s-min=2.7km az=164.0

THE 29 05:50:19.0, 35.42N, 26.09E, h4km, 1km, ML3.1/10, Error ellipse: s-maj=2.2km s-min=0.9km az=153.0

DDA 29 05:50:20.5, 35.56N, 26.62E, h5km, MD3.0, Error ellipse: s-maj=2.2km s-min=0.9km az=153.0

ISK 29 05:50:21.0, 35.64N, 26.28E, h2km, MD3.0, Error ellipse: s-maj=2.2km s-min=0.9km az=153.0

ISC 29 05:50:17.4, 1.3, 35.42N, 0.03, 26.13E, 0.02, h10km, 10km, n71, c1507/12, Crete

Main table for 29d 6h section, listing station names, codes, and seismic data for various stations like ZKR, NPS, LAST, etc.

2011 AUG

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GOLH, KLV, KLV, etc.

IDC 29 05:50:55.7, 0.8, 29.14S, 176.14W, h0km, mb4.2/9, m1 4.4/10, mb1mx4.2/30, mbmp4.2/10, ML4.2/1, MS3.5/3, Ms1 3.5/3, ms1mx3.0/29, Error ellipse: s-maj=25.6km s-min=18.6km az=167.0

NEIC 29 05:50:56.9, 0.6, 29.20S, 176.17W, h10km, mb4.9/7, Error ellipse: s-maj=15.3km s-min=13.0km az=170.0

ISCJB 29 05:50:57.0, 0.7, 29.22S, 0.04, 176.03W, 0.08, h35km, mb4.4/15, MS3.1/1, Error ellipse: s-maj=10.3km s-min=5.9km az=12.5

ISC 29 05:51:00.6, 0.7, 29.64S, 0.07, 176.18W, 0.08, h35km, n39, c2999/41, mb4.4/15, Kermadec Islands region

Main table for 2011 AUG section, listing station names, codes, and seismic data for various stations like RAO, RAO, RAO, etc.

1516

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include FRON, FRON, MPAG, etc.

118nm, 0.2s

FRON Frontone 0.73 297 Pg Pn 05 52 05.1 -1.1

FRON Frontone 0.73 297 Pg Pn 05 52 05.1 -1.1

MPAG Monte Paganucc 0.77 305 Pg Pn 05 52 05.6 -1.4

MPAG Monte Paganucc 0.77 305 Pg Pn 05 52 05.6 -1.1

FSSB Fossobronne 0.80 310 Pg Pn 05 52 06.3 -0.8

FSSB Fossobronne 0.80 310 Pg Pn 05 52 06.3 -0.8

VCEL Villa Celiera 0.81 168 Pg Pn 05 52 07.0 -0.3

VCEL Villa Celiera 0.81 168 Pg Pn 05 52 07.0 -0.3

PIE1 Pieia 0.86 294 Pg Pn 05 52 07.4 -0.6

PIE1 Pieia 0.86 294 Pg Pn 05 52 07.4 -0.6

ATPC Poggio Castell 0.90 289 Pg Pn 05 52 08.7 +0.2

ATPC Poggio Castell 0.90 289 Pg Pn 05 52 08.7 +0.2

ATVO AVT- Monte Val 0.91 283 Pg Pn 05 52 08.7 +0.1

ATVO AVT- Monte Val 0.91 283 Pg Pn 05 52 08.7 +0.1

FAGN Fagnano 0.92 182 Pg Pn 05 52 07.5 -1.3

FAGN Fagnano 0.92 182 Pg Pn 05 52 07.5 -1.3

ATTE AVT- Monte Tez 0.93 271 Pg Pn 05 52 10.1 +1.2

ATTE AVT- Monte Tez 0.93 271 Pg Pn 05 52 10.1 +1.2

PARC Parchiule 1.11 295 Pg Pn 05 52 12.4 +1.0

PARC Parchiule 1.11 295 Pg Pn 05 52 12.4 +1.0

NVLJ Novajia 1.65 33 ePn Pn 05 52 17.7 -1.1

NVLJ Novajia 1.65 33 ePn Pn 05 52 17.7 -1.1

UDBI Udbina 2.05 48 ePn Pn 05 52 25.1 +0.7

UDBI Udbina 2.05 48 ePn Pn 05 52 25.1 +0.7

UDBI Udbina 2.05 48 ePn Pn 05 52 25.0 +0.7

UDBI Udbina 2.05 48 ePn Pn 05 52 25.0 +0.7

JMA 29 06:10:09.1, 0.3, 36.82N, 143.71E, h54km, M3.5, Off east coast of Honshu

JMA 29 06:10:09.1, 0.3, 36.82N, 143.71E, h54km, M3.5, Off east coast of Honshu

DJA 29 06:37:59.4, 0.7, 3.5S, 101.1E, h15km, 6km, M3.6/6, ML3.6/6, Southern Sumatra

DJA 29 06:37:59.4, 0.7, 3.5S, 101.1E, h15km, 6km, M3.6/6, ML3.6/6, Southern Sumatra

MASI Maura Aman, Be 0.82 80 Op Pn 06 00 46.1 +1.1

MASI Maura Aman, Be 0.82 80 Op Pn 06 00 46.1 +1.1

PPSI Pulau Pagai 1.51 290 P Pn 06 38 25.4 -0.5

PPSI Pulau Pagai 1.51 290 P Pn 06 38 25.4 -0.5

MNAI Manna 1.86 125 P Pn 06 39 31.0 +0.2

MNAI Manna 1.86 125 P Pn 06 39 31.0 +0.2

PDSI Padang 2.54 338 P Pn 06 38 39.7 -0.5

PDSI Padang 2.54 338 P Pn 06 38 39.7 -0.5

IASPEI 29 06:43:06.8, 0.8, 46.09N, 0.02, 14.72E, 0.01, h8km, 4km, Error ellipse: s-maj=2.3km s-min=1.8km az=1.0, GT5 selection from ISC bulletin GT5 identified by Bond'ir and McLaughlin (2009) selection criteria Bond'ir and McLaughlin. A new ground truth data set for seismic studies, <i>Seism. Res. Lett.</i>, 80, 465-472, 2009

ISCJB 29 06:43:06.3, 0.2, 46.11N, 0.01, 14.73E, 0.01, h8km, 1km, Error ellipse: s-maj=1.8km s-min=1.4km az=17.1

LJU 29 06:43:06.5, 46.09N, 14.73E, h10km, ML3.0, Error ellipse: s-maj=1.6km s-min=1.2km az=22.0

CSEM 29 06:43:06.9, 0.1, 46.11N, 14.72E, h5km, ML3.6/29, Error ellipse: s-maj=1.6km s-min=1.2km az=22.0

VIE 29 06:43:06.7, 0.4, 46.11N, 14.73E, h10km, mb2.6/8, ML3.0/10, Error ellipse: s-maj=2.2km s-min=1.7km az=142.0

BGR 29 06:43:09.9, 0.7, 46.21N, 14.74E, h10km, ML2.8/6, Error ellipse: s-maj=10.0km s-min=7.8km az=3.0

PRU 29 06:43:09.3, 46.16N, 14.72E, h7km, Error ellipse: s-maj=2.2km s-min=1.7km az=142.0

ISC 29 06:43:06.8, 0.8, 46.10N, 0.01, 14.71E, 0.01, h8km, 4km, n180, c1503/280, 46C-25D, Northwestern Balkan Peninsula

ISC 29 06:43:06.8, 0.8, 46.10N, 0.01, 14.71E, 0.01, h8km, 4km, n180, c1503/280, 46C-25D, Northwestern Balkan Peninsula

ROM 29 05:51:49.5, 0.2, 43.26N, 13.82E, h20km, 4km, MD2.7/23, MD2.3/21, Error ellipse: s-maj=2.9km s-min=2.0km az=44.0

ISCJB 29 05:51:51.0, 0.4, 43.20N, 0.04, 13.67E, 0.04, h32km, 4km, Error ellipse: s-maj=6.0km s-min=4.7km az=16.5

CSEM 29 05:51:51.4, 0.2, 43.19N, 13.62E, h22km, MD2.7, Error ellipse: s-maj=4.5km s-min=2.9km az=40.0

ISC 29 05:51:52.2, 1.2, 43.19N, 0.03, 13.62E, 0.03, h34km, 2km, n49, c1517/60, Central Italy

ISC 29 05:51:52.2, 1.2, 43.19N, 0.03, 13.62E, 0.03, h34km, 2km, n49, c1517/60, Central Italy

GUMA Gualdo di Mace 0.26 118 Op Pn 05 51 10.0 -0.6

GUMA Gualdo di Mace 0.26 118 Op Pn 05 51 10.0 -0.6

GUMA Gualdo di Mace 0.26 118 Pg Pn 05 51 58.0 -1.3

GUMA Gualdo di Mace 0.26 118 Pg Pn 05 51 58.0 -1.3

CING Cingoli 0.36 301 Cng Pn 05 51 58.7 -2.3

CING Cingoli 0.36 301 Cng Pn 05 51 58.7 -2.3

CING Cingoli 0.36 301 Cng Pn 05 52 05.9 -0.9

CING Cingoli 0.36 301 Cng Pn 05 52 05.9 -0.9

FDMO Fjordimonte 0.42 249 Pg Pn 05 52 00.5 -1.2

FDMO Fjordimonte 0.42 249 Pg Pn 05 52 00.5 -1.2

FDMO Fjordimonte 0.42 249 Pg Pn 05 52 09.4 +1.2

FDMO Fjordimonte 0.42 249 Pg Pn 05 52 09.4 +1.2

mb4.8/52,MS4.5/12, Error ellipse: s-maj=5.5km
 s-min=4.0km az=177.5
 NEIC 29 08:03:49.6,0.3,3.01S,-147.76E,h10km,mb4.8/20, Error
 ellipse: s-maj=8.4km s-min=4.9km az=96.0
 MOS 29 08:03:50.9,1.3,3.02S,-147.73E,h33km,mb5.0/13, Error
 ellipse: s-maj=14.4km s-min=7.9km az=88.3
 GCMT 29 08:03:53.3,0.2,2.94S,-147.72E,h12km,MW5.0/99,
 Moment Tensor Solution, s37,c46; s99,c146; Duration:
 0 Moment tensor: Scale 10¹⁶N; Mir:0.55; 0.9;
 M₀=0.76e+09; M₁=0.21e+10; M₂=1.26e+26; M₃=4.01e+06;
 M₄=0.33e+24; Best double couple: M4,227000; 1016
 NP1=87.00000°; 889.00000°; λ=17.00000°; NP2:
 φ=177.00000°; 873.00000°; λ=178.00000°; Principal axes:
 T 3.8740, Plg10.0000°, Azm133.0000°; N 0.7060,
 Plg73.0000°, Azm261.0000°; P -4.5800, Plg13.0000°;
 Azm41.0000°; nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s.
 DJA 29 08:04:00.7, 1.6, 3°S, 10°W × 14°E, 1°S, h56km, 9km, M5.1/16,
 mb4.9/16, mb5.6/6, MLV5.1/2, Mw(mb)5.0/6
 ISC 29 08:03:51.4, 0.3, 2.99S, 104.147.88E, 0.05, h22km, n124,
 r194/134, mb4.8/52, MS4.5/12, 1C-1D, Admiralty Islands
 region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
MANU	Manus Island	1.08	331	Op	Pn	08 04 05.7	-5.5
MANU				eS	Pn	08 04 21.4	-3.6
RABL	Rabaul	4.43	106	eP	Pn	08 04 58.3	+0.9
RABL				eS	Pn	08 05 51.9	+3.4
PMG	Port Moresby	6.41	186	eP	Pn	08 05 23.0	-1.6
PMG				eS	Pn	08 06 37.6	+0.4
JAY	Jayapura	7.19	274	Pn	Pn	08 05 34.1	-1.2
JAY				LR			
JAY	comp=Z,149nm,19.3s,baz=18.1,slow=35			LR		08 07 54.4	
JAY	Jayapura	7.19	274	P	Pn	08 05 36.9	+1.6
GENI	Genyem	7.72	273	P	Pn	08 05 42.5	0.0
SMPI	Sarmi	9.22	276	P	Pn	08 06 04.0	+0.9
COEN	Coen	11.85	203	eP	Pn	08 06 37.9	-1.2
COEN				eS	Pn	08 08 53.6	+2.8
SWI	Sorong	16.75	277	eP	Pn	08 07 49.3	+3.0
CTA	Charters Tower	17.07	185	Pn	Pn	08 07 46.6	-2.1
CTA				LR			
CTA	comp=Z,11um,21.6s,baz=8.0,slow=39			LR		08 14 51.4	
CTAO	Charters Tower	17.07	185	eP	Pn	08 07 48.0	-0.7
CTAO				LR			
CTAO	comp=Z,99nm,1.8s			LR		08 07 48.0	-0.7
CTAO	Charters Tower	17.07	185	eP	Pn	08 07 48.0	-0.7
WRAN	Warrant Dam	19.25	239	eP	Pn	08 08 13.0	-1.4
WRAN				LR			
WRAN	comp=Z,142nm,1.2s			LR		08 08 35.9	-2.0
WRAB	Tennant Creek	21.40	217	eP	Pn	08 08 35.9	-2.0
WRAB				LR			
WRAB	comp=Z,64nm,0.9s			LR		08 08 36.4	-1.5
WRAB	Tennant Creek	21.40	217	eP	Pn	08 08 36.4	-1.5
WB2	Warramunga Arr	21.41	217	eP	Pn	08 08 36.5	-1.5
WB2				LR			
WB2	comp=Z,82nm,1.2s			LR		08 08 36.5	-1.5
WB2	Warramunga Arr	21.41	217	eP	Pn	08 08 36.5	-1.5
WR1	Warramunga Arr	21.41	217	eP	Pn	08 08 36.4	-1.6
WR1				LR			
WR1	comp=Z,101nm,1.2s			LR		08 08 36.4	-1.6
WRA	Warramunga Arr	21.41	217	eP	Pn	08 08 36.4	-1.6
WRA				LR			
WRA	comp=Z,19nm,0.9s,baz=43,slow=10,SNR=17			LR		08 18 10.2	
WRA	Warramunga Arr	21.41	217	iP	Pn	08 08 38.2	+0.2
WRA				LR			
WRA	comp=Z,940nm,18.4s,baz=45,slow=40			LR		08 18 10.2	
EIDS	Eidsvold	22.46	172	eP	Pn	08 08 49.8	+0.7
EIDS				LR			
EIDS	comp=Z,28nm,1.0s			LR		08 08 49.8	+0.7
SOEI	Soe	24.40	253	eP	Pn	08 09 07.4	-1.2
SOEI				LR			
SOEI	comp=Z,47nm,1.0s			LR		08 09 07.4	-1.2
SOEI	Alice Springs	24.52	212	eP	Pn	08 09 15.3	-1.2
ASO1	Alice Springs	24.52	212	eP	Pn	08 09 09.1	-0.9
AS31	Alice Springs	24.60	212	eP	Pn	08 09 09.2	-1.0
ASAR	Alice Springs	24.60	212	P	Pn	08 09 09.2	-1.1
ASAR				LR			
ASAR	comp=Z,15nm,0.8s,baz=38,slow=17,SNR=17			LR		08 18 30.3	
GTOI	Gorontalo	25.12	278	P	Pn	08 09 17.5	+2.5
GTOI				LR			
GTOI	comp=Z,21nm,0.8s,baz=38,slow=36			LR		08 09 17.5	+2.5
DZM	Mont Dzumac	26.16	138	P	Pn	08 09 25.1	+0.6
DZM				LR			
DZM	comp=Z,5.6nm,0.9s,baz=33,slow=13,SNR=4.1			LR		08 18 24.8	
DZM	Mont Dzumac	26.16	138	eP	Pn	08 09 23.9	-0.6
DZM				LR			
DZM	comp=Z,42nm,1.4s			LR		08 13 47.6	-7.8
DZM				LR			
DZM	comp=Z,269nm,24.8s			LR		08 16 04.5	
DZM	Mont Dzumac	26.16	138	eP	Pn	08 09 24.2	-0.3
DZM				LR			
DZM	comp=Z,3um,25.2s			LR		08 09 24.2	-0.3
DZM	Mont Dzumac	26.16	138	eP	Pn	08 09 25.1	-1.7
DZM				LR			
DZM	comp=Z,31nm,0.9s,baz=53,slow=10,SNR=16			LR		08 19 59.5	
FITZ	Fitzroy Crossi	26.47	234	P	Pn	08 09 26.1	-1.0
FITZ				LR			
FITZ	comp=Z,841nm,20.9s,baz=53,slow=37			LR		08 09 26.1	-1.0
FITZ	Fitzroy Crossi	26.47	234	eP	Pn	08 09 26.1	-1.0
FITZ				LR			
FITZ	comp=Z,57nm,1.0s			LR		08 09 37.8	+1.2
ARMA	Armidale	27.51	173	eP	Pn	08 09 37.8	+1.2
H1S3	WAKE ISLAND Hy	28.26	40	T	T	08 39 16.8	
H1S2	WAKE ISLAND Hy	28.27	40	T	T	08 39 17.1	
H1S1	WAKE ISLAND Hy	28.28	40	T	T	08 39 17.9	
H1N1	WAKE ISLAND Hy	29.29	39	T	T	08 40 33.0	
H1N3	WAKE ISLAND Hy	29.31	39	T	T	08 40 35.8	
H1N2	WAKE ISLAND Hy	29.31	39	T	T	08 40 34.2	
STKA	Stephens Creek	29.34	191	P	Pn	08 09 51.4	-1.3
STKA				LR			
STKA	comp=Z,2.8nm,0.8s,baz=97,slow=9.5,SNR=4.7			LR		08 09 51.4	-1.3
STKA	Stephens Creek	29.34	191	eP	Pn	08 09 51.4	-1.3
STKA				LR			
STKA	comp=Z,7.0nm,1.8s			LR		08 09 51.4	-1.3
STKA	Stephens Creek	29.34	191	eP	Pn	08 09 51.4	-1.3
STKA				LR			
STKA	comp=Z,6.5nm,1.8s			LR		08 09 51.4	-1.3
FORT	Forrest	33.39	212	eP	Pn	08 10 27.8	-0.6
FORT				LR			
FORT	comp=Z,209nm,0.8s			LR		08 11 18.8	-0.5
JNU	Nakatsue	39.36	337	P	Pn	08 11 26.7	-0.9
JNU				LR			
JNU	comp=Z,9.2nm,0.9s,baz=151,slow=10,SNR=3.8			LR		08 11 26.7	-0.9
MAJO	Matsushiro	40.35	348	iP	Pn	08 11 26.7	-0.9
MAJO				LR			
MAJO	comp=Z,70nm,1.1s			LR		08 11 51.8	-0.5
QIZ	Qiongzong	43.34	302	P	Pn	08 13 32.5	-0.8
QIZ				LR			
QIZ	comp=Z,4.0nm,1.0s			LR		08 13 32.5	-0.8
QIZ				LR			
QIZ	comp=Z,190nm,7.6s			LR		08 18 20.0	+0.9
QIZ				LR			
QIZ	comp=Z,450nm,21.0s			LR		08 18 20.0	+0.9
MDSI	Maura Dua	43.63	267	P	Pn	08 11 54.7	0.0
MDSI				LR			
MDSI	comp=Z,750nm,19.9s			LR		08 11 54.7	0.0
KSR5	Korea Array	44.31	337	P	Pn	08 11 59.4	-0.4
KSR5				LR			
KSR5	comp=Z,4.3nm,0.9s,baz=150,slow=9.1,SNR=7.4			LR		08 13 44.5	+0.7
KSR5				LR			
KSR5	comp=Z,0.5nm,0.3s,baz=163,slow=5.1,SNR=4.3			LR		08 11 59.4	-0.4
KSAR	Wonju Array Be	44.31	337	P	Pn	08 12 00.4	+0.5
KSAR				LR			
KSAR	comp=Z,12nm,1.0s			LR		08 12 19.5	+9.1
KSAR	Wonju Array Si	44.34	337	eP	Pn	08 12 22.4	+1.4
KSAR				LR			
KSAR	comp=Z,54nm,1.2s			LR		08 12 25.8	+0.2
KSAR	Padang Panjaj	47.53	272	P	Pn	08 12 26.3	-3.3
KSAR				LR			
KSAR	comp=Z,20nm,0.9s			LR		08 12 31.3	-5.2
KSAR	Vladivostok	48.12	344	iP	Pn	08 19 27.8	+0.6
KSAR				LR			
KSAR	comp=Z,7.0nm,0.8s			LR		08 12 37.2	+4.6
KSAR	Mandailing Nat	48.43	274	P	Pn	08 12 37.2	+4.6
KSAR				LR			
KSAR	comp=Z,4.7nm,0.8s,baz=184,slow=9.2,SNR=5.4			LR		08 12 37.2	+4.6

ENH	Enshi	49.38	315	eP	P	08 12 38.4	-1.2
GYA	Guiyang	49.43	309	eP	P	08 12 40.3	+0.1
YSS	Yuzh-Sakhalins	49.94	355	eP	P	08 12 43.1	-0.4
KCSI	Kotacane, Aceh	50.50	277	P	P	08 12 47.8	-0.6
KMI	Kuning	51.93	305	P	P	08 13 00.0	+0.8
KMI				pP	P	08 13 04.5	-1.6
KMI				S	S	08 20 21.8	+0.3
KMI				sS	S	08 20 28.0	-4.8
KMI				SS	SS	08 23 53.0	-5.7
KMI	comp=Z,21nm,1.1s						
KMI	comp=Z,180nm,4.7s						
KMI	comp=Z,430nm,18.7s						
KMI	comp=Z,430nm,20.8s						
XAN	Xi'an	51.98	318	P	P	08 12 59.5	+0.3
XAN							
XAN	comp=Z,390nm,18.8s						
XAN	comp=Z,270nm,21.2s						
XAN	comp=Z,830nm,18.1s						
CM01	Chiang Mai Arr	52.65	296	eP	P	08 13 04.5	+0.1
CMAR	Chiang Mai Arr	52.68					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PTL Penteli, VLL Villia, WIL2 Platees, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 29 13:15:44.3±1.9, NEIC 29 13:15:49.6±1.4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include NIED 29 13:18:00.36±1.0N, IDC 29 13:18:06.0±1.1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 29 13:22:03.2±0.5, IDC 29 13:22:06.5±2.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PWJI Pagerwojo, PWJI Cibinong, CGIJ Cibinong.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MEX 29 13:31:52.1±0.7, DJA 29 13:34:11.2±0.7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 29 13:40:27.9±3.0, IDC 29 13:40:33.6±0.5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TRN 29 13:55:43.3±1.4, MVM Montagne Vaucl, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 29 14:19:58.1±0.5, IDC 29 14:19:58.6±0.1, etc.

29d 14h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Kaneyama, Ohasama, Shimob, Matushiro, etc.

2011 AUG

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GTA, BAGO, ISPARTA, etc.

1526

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Egridir - ISPA, Isparta, Suhut-Afyon, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JUMP Maruseppu, PETK Petropavlovsk, JAR Ashorobato, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KSP Ksiaz, UPIC Upice, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like H01W2 Cape Leeuwin, MAW Mawson, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NYNU Mynaeshamm, NRTU Norrtaeje, GOTU Gotland, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IGGU Iggoen, IGGU Iggoen, SLIT Slitere, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like FINES FINES Array B, NOA NORSAR Array B, ARCES ARCES Array B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, CTAO Charters Tower, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CTBH Cotabato-PC H, PAGZ Pagadian, DAV Davao City, etc.

29d 16h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like DZM, HNR, RAO, CTA, etc.

UPP 29 15:36:22.5.0.2, 57.64N:23.06E, h0km, ML1.8, Suspected explosion

ISCJ 29 15:36:22.4.0.3, 57.62N:23.07E, h0km, mb1.3, 4.3, mb1mx3.1/4.0, mbtmp3.3/3.3, ML2.9/3.0, Error ellipse: s-maj=31.6km s-min=13.6km az=157.0

ISCJ 29 15:36:23.8.0.7, 57.70N:0.05:22.71E:0.07, h0km, Error ellipse: s-maj=8.7km s-min=3.4km az=148.6

CSEM 29 15:36:24.9.0.2, 57.67N:22.70E, h2km, ML2.5, Error ellipse: s-maj=6.6km s-min=2.7km az=149.0, Mining explosion.

HEL 29 15:36:24.2.0.3, 57.61N:22.72E, h0km, ML2.1, ML1.8(UPP), Explosion

ISC 29 15:36:24.7.1.1, 57.77N:0.05:22.69E:0.04, h0km, n66, #087/85, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SLIT, MTSE, GOTU, etc.

ISCJ 29 15:44:47.3.0.5, 38.55N:0.03:30.63E:0.05, h10km, 5km, Error ellipse: s-maj=7.6km s-min=5.0km az=153.8

CSEM 29 15:44:47.1.0.2, 38.55N:30.64E, h8km, MD2.9, Error ellipse: s-maj=4.1km s-min=3.8km az=112.0

DDA 29 15:44:47.4.38.53N:30.71E, h7km, MD2.7

ISK 29 15:44:47.1.38.53N:30.62E, h10km, MD2.9

ISC 29 15:44:47.2.0.9, 38.56N:0.03:30.65E:0.03, h9km, 6km, n31, #047/39, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SHUT, BAGO, ISPA, etc.

2011 AUG

ISC 29 15:39:54.1.1.9, 18.41N:167.35E, h0km, mb3.6/4.4, mb1.3/8.5, mb1mx3.6/3.6, mbtmp3.5/5.5, ML2.9/1.1, Error ellipse: s-maj=50.6km s-min=32.0km az=133.0, Vanuatu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like DZM, WRA, ASAR, FITZ, ILAR, etc.

UPP 29 15:44:05.2.2.7, 57.64N:23.29E, h0km, ML2.1, Suspected explosion

HEL 29 15:44:05.2.0.4, 57.46N:22.59E, h0km, ML2.2, Explosion

ISCJ 29 15:44:07.1.0.7, 57.68N:0.05:22.70E:0.07, h0km, Error ellipse: s-maj=8.9km s-min=3.5km az=148.5

CSEM 29 15:44:08.5.0.3, 57.67N:22.77E, h2km, ML2.5, Error ellipse: s-maj=8.7km s-min=3.1km az=149.0, Mining explosion.

ISC 29 15:44:08.7.1.1, 57.74N:0.05:22.79E:0.04, h0km, n52, #099/69, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SLIT, MTSE, GOTU, etc.

ISCJ 29 16:37:03.7.0.4, 8.49S:0.06:74.12W:0.06, h158km, mb4.1/1.3, Error ellipse: s-maj=9.1km s-min=1.6km az=28.7

NEIC 29 16:37:05.7.1.0, 8.58S:74.09W, h165km, 10km, mb4.2/7, Error ellipse: s-maj=11.1km s-min=9.2km az=48.0

NEIC Fell at Pucallpa.

ISC 29 16:37:06.1.2.6, 8.52S:74.09W, h167km, 28km, mb3.8/7, mb1.3/9.1/2, mb1mx3.7/4.3, mbtmp3.4/4.2, Error ellipse: s-maj=31.3km s-min=15.4km az=30.0

ISC 29 16:37:04.9.0.6, 8.60S:0.07:74.08W:0.07, h158km, n30, #111/33, mb4.0/1.3, Peru-Brazil border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like NNA, LPAZ, SAML, etc.

1528

KULA Kula-Manisa 1.56 269 ePN Pb 15 45 15.7 -0.6

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KULA, CHBY, etc.

ISCJ 29 15:58:06.6.0.4, 39.41N:0.02:26.83E:0.04, h2km, 5km, Error ellipse: s-maj=5.2km s-min=3.5km az=16.1

ISK 29 15:58:06.2.39.40N:26.83E, h7km, MD2.9

DDA 29 15:58:06.9.39.41N:26.84E, h7km, MD2.8

CSEM 29 15:58:07.0.0.1, 39.40N:26.82E, h5km, ML2.8, Error ellipse: s-maj=5.5km s-min=1.9km az=94.0

ISC 29 15:58:07.4.0.9, 39.40N:0.02:26.83E:0.02, h12km, 7km, n67, #071/75, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like AYVA, DKL, CAND, etc.

ISCJ 29 16:37:03.7.0.4, 8.49S:0.06:74.12W:0.06, h158km, mb4.1/1.3, Error ellipse: s-maj=9.1km s-min=1.6km az=28.7

NEIC 29 16:37:05.7.1.0, 8.58S:74.09W, h165km, 10km, mb4.2/7, Error ellipse: s-maj=11.1km s-min=9.2km az=48.0

NEIC Fell at Pucallpa.

ISC 29 16:37:06.1.2.6, 8.52S:74.09W, h167km, 28km, mb3.8/7, mb1.3/9.1/2, mb1mx3.7/4.3, mbtmp3.4/4.2, Error ellipse: s-maj=31.3km s-min=15.4km az=30.0

ISC 29 16:37:04.9.0.6, 8.60S:0.07:74.08W:0.07, h158km, n30, #111/33, mb4.0/1.3, Peru-Brazil border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like NNA, LPAZ, SAML, etc.

KSR5 Korea Array 145.05 329 PKPbc PKPbc 16 56 22.9 -0.8
 3.1nm,1.0s,baz=44,slow=3.4,SNR=9.9
 KSAR Wonju Array Be 145.08 329 PKPbc PKPbc 16 56 22.9 -0.9

ATH 29 16:37:28.7,35.31N;23.53E,h40km,1km,ML2.5/3,Error ellipse: s-maj=3.1km s-min=1.1km az=51.0
 ISCJB 29 16:37:29.1,1.3532N;0.062352E;0.08,h38km,24km, Error ellipse: s-maj=14.3km s-min=5.8km az=137.8
 CSEM 29 16:37:29.2,0.2,35.28N;23.48E,h30km,ML2.6,Error ellipse: s-maj=6.9km s-min=2.8km az=43.0
 THE 29 16:37:30.6,35.34N;23.53E,h28km,1km,ML2.6/6,Error ellipse: s-maj=2.7km s-min=0.9km az=46.0
 ISC 29 16:37:29.5,1.3,35.32N;0.04;23.54E;0.05,h30km,11km,n20,0.056/38,Crete

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
IMMV	Iera Moni Meta	0.39 68	Op P	16 37 38.5	+0.2	Pb	16 37 38.5 +0.2
IMMV	Iera Moni Meta	0.39 68	S P	16 37 45.7	+0.1	Pb	16 37 45.7 +0.1
IMMV	Iera Moni Meta	0.39 68	S P	16 37 38.5	+0.2	Pb	16 37 38.5 +0.2
IMMV	Iera Moni Meta	0.39 68	S P	16 37 45.7	+0.1	Pb	16 37 45.7 +0.1
IMMV	Iera Moni Meta	0.39 68	S P	16 37 38.3	+0.1	Pb	16 37 38.3 +0.1
IMMV	Iera Moni Meta	0.39 68	S P	16 37 45.5	+0.1	Pb	16 37 45.5 +0.1
IMMV	comp=E,1507um,0.7s		AML	16 37 46.8		AML	16 37 46.8
IMMV	comp=N,1308um,0.3s		AML	16 37 46.8		AML	16 37 46.8
VAM	Vamos	0.55 80	P S	16 37 41.0	-0.3	Pn	16 37 41.0 -0.3
VAM	Vamos	0.55 80	P S	16 37 50.2	+0.7	Pn	16 37 50.2 +0.7
VAM	Vamos	0.55 80	P S	16 37 41.0	-0.3	Pn	16 37 41.0 -0.3
VAM	Vamos	0.55 80	P S	16 37 50.2	+0.7	Pn	16 37 50.2 +0.7
ANKY	Antikythira Is	0.58 341	P S	16 37 41.3	-0.4	Pn	16 37 41.3 -0.4
ANKY	Antikythira Is	0.58 341	P S	16 37 41.3	-0.4	Pn	16 37 41.3 -0.4
ANKY	Antikythira Is	0.58 341	P S	16 37 50.6	+0.4	Pn	16 37 50.6 +0.4
ANKY	Antikythira Is	0.58 341	P S	16 37 41.4	-0.4	Pn	16 37 41.4 -0.4
ANKY	Antikythira Is	0.58 341	P S	16 37 50.6	+0.4	Pn	16 37 50.6 +0.4
ANKY	Antikythira Is	0.58 341	P S	16 37 51.5		Pn	16 37 51.5
ANKY	comp=N,454um,0.6s		AML	16 37 54.4		AML	16 37 54.4
ANKY	comp=E,733um,0.5s		AML	16 37 54.4		AML	16 37 54.4
GVD	Gavdhos	0.66 136	P S	16 37 42.6	-0.2	Pn	16 37 42.6 -0.2
GVD	Gavdhos	0.66 136	P S	16 37 54.3	+2.2	Pn	16 37 54.3 +2.2
GVD	Gavdhos	0.66 136	P S	16 37 42.1	-0.4	Pn	16 37 42.1 -0.4
GVD	Gavdhos	0.66 136	P S	16 37 52.3	+0.2	Pn	16 37 52.3 +0.2
GVD	Gavdhos	0.66 136	P S	16 37 42.1	-0.4	Pn	16 37 42.1 -0.4
GVD	Gavdhos	0.66 136	P S	16 37 52.3	+0.2	Pn	16 37 52.3 +0.2
GVD	comp=N,1206um,0.4s		AML	16 37 56.5		AML	16 37 56.5
GVD	comp=N,1206um,0.4s		AML	16 37 58.7		AML	16 37 58.7
KYTH	Kithira	1.03 337	P S	16 37 48.6	-0.1	Pn	16 37 48.6 -0.1
KYTH	Kithira	1.03 337	P S	16 38 01.4	+0.1	Pn	16 38 01.4 +0.1
KYTH	Kithira	1.03 337	P S	16 37 48.6	-0.1	Pn	16 37 48.6 -0.1
KYTH	Kithira	1.03 337	P S	16 38 01.4	+0.1	Pn	16 38 01.4 +0.1
IDI	Anoyia	1.11 91	P S	16 37 48.6	-0.1	Pn	16 37 48.6 -0.1
IDI	Anoyia	1.11 91	P S	16 37 49.4	-0.7	Pn	16 37 49.4 -0.7
IDI	Anoyia	1.11 91	P S	16 38 04.2	-0.1	Pn	16 38 04.2 -0.1
IDI	Anoyia	1.11 91	P S	16 37 49.4	-0.7	Pn	16 37 49.4 -0.7
IDI	Anoyia	1.11 91	P S	16 37 49.7	-0.4	Pn	16 37 49.7 -0.4
DID	Didima	2.20 354	P S	16 38 04.0	0.0	Pn	16 38 04.0 0.0
DID	Didima	2.20 354	P S	16 38 30.5	+0.3	Pn	16 38 30.5 +0.3
DID	Didima	2.20 354	P S	16 38 04.6	+0.6	Pn	16 38 04.6 +0.6
DID	Didima	2.20 354	P S	16 38 30.5	+0.3	Pn	16 38 30.5 +0.3
DID	Didima	2.20 354	P S	16 38 04.6	+0.6	Pn	16 38 04.6 +0.6
DID	Didima	2.20 354	P S	16 38 29.6	-0.6	Pn	16 38 29.6 -0.6

IDC 29 16:41:32.7,1.2,16.59S;173.10W,h0km,mb4.1/7, mb1 4.3/9,mb1mx4.0/39,mbtmp4.2/29,ML3.6/2,MS3.5/9, Ms1 3.5/9,ms1mx3.3/32,Error ellipse: s-maj=46.2km s-min=20.0km az=139.0
 NEIC 29 16:41:34.3,0.7,16.48S;173.14W,h10km,mb4.3/1,Error ellipse: s-maj=20.6km s-min=12.8km az=157.0
 ISC 29 16:41:43.3,1.1,16.1S;0.2-173.3W;0.2,h79km,n23,0.256/14,mb4.2/7,Tonga Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
AFI	Afimalou	2.58 34	Op P	16 42 19.2	-3.9	Pn	16 42 19.2 -3.9
AFI	13nm,0.3s,baz=223,slow=3.3,SNR=15.1		Sn	16 42 48.3	-5.4	Sn	16 42 48.3 -5.4
AFI	25nm,0.3s,baz=32,slow=23,SNR=5.5		LR	16 43 21.4		LR	16 43 21.4
MSVF	comp=Z,283nm,21.0s,baz=32,slow=37		LR	16 43 37.0	-6.2	LR	16 43 37.0 -6.2
RAR	Rarotonga	13.79 114	Pn	16 44 44.5	-1.1	Pn	16 44 44.5 -1.1
RAR	2.3nm,0.3s,baz=270,slow=4.1,SNR=3.6		LR	16 48 39.5		LR	16 48 39.5
DZM	Mont Dzumac	20.07 250	P	16 46 07.9	-2.5	P	16 46 07.9 -2.5
DZM	2.0nm,0.7s,baz=81,slow=19,SNR=23.3		LR	16 52 20.5		LR	16 52 20.5
DZM	comp=Z,180nm,19.7s,baz=112,slow=32		LR	16 46 12.9	0.0	LR	16 46 12.9 0.0
DZM	Mont Dzumac	20.07 250	eLR	16 51 21.3		LR	16 51 21.3
PPT	Papeete	22.74 97	LR	16 53 17.1		LR	16 53 17.1
URZ	Urevera	23.68 199	LR	16 54 19.0		LR	16 54 19.0
HNR	Honiara	26.91 281	LR	16 56 25.7		LR	16 56 25.7
CTAO	Charters Tower	38.61 258	P	16 48 58.4	-0.7	P	16 48 58.4 -0.7
STKA	Stephens Creek	43.81 241	P	16 49 39.1	-2.5	P	16 49 39.1 -2.5
WRAB	Tennant Creek	49.80 257	eP	16 50 27.4	-1.0	P	16 50 27.4 -1.0
WRA	Warramunga Arr	49.81 257	P	16 50 26.9	-1.6	P	16 50 26.9 -1.6
ASAR	Alice Springs	50.02 252	P	16 50 28.7	-1.4	P	16 50 28.7 -1.4
MJAR	Matsushiro Arr	69.52 320	LR	17 18 23.1		LR	17 18 23.1
PETK	Petrovlovsk-7	73.29 342	P	16 53 09.1	+3.1	P	16 53 09.1 +3.1
QSPA	South Pole Qui	73.93 180	eP	16 53 10.4	+0.2	P	16 53 10.4 +0.2
ILAR	Eilonon Array	83.07 11	P	16 54 02.2	+2.5	P	16 54 02.2 +2.5
CMAR	Chiang Mai Arr	92.93 288	P	16 54 51.5	+3.3	P	16 54 51.5 +3.3
CMAR	0.9nm,0.6s,baz=80,slow=2.6,SNR=5.2		LR	17 36 10.5		LR	17 36 10.5
ROSC	El Rosal	99.92 88	LR	17 33 49.3		LR	17 33 49.3
BOSA	Goshof	132.10 287	PKHKP	17 00 43.6		PKHP	17 00 43.6
BRTR	Keakin Array B	146.74 320	PKPbc	17 01 19.4	+1.4	PKPbc	17 01 19.4 +1.4
GERES	GERESS Array B	146.81 352	PKPbc	17 01 15.8	+1.1	PKPbc	17 01 15.8 +1.1
MMAI	Mount Meron Arr	149.07 306	PKPbc	17 01 26.1	-1.3	PKPbc	17 01 26.1 -1.3
MMAI	3.3nm,0.8s,baz=32,slow=8.1,SNR=4.5		LR	17 19 12.7		LR	17 19 12.7

IDC 29 16:48:37.2,2.5,39.92N;142.91E,h0km,mb3.6/3, mb1 3.7/4,mb1mx3.4/42,mbtmp3.5/4,ML3.1/1,MS2.8/1, Ms1 2.8/1,ms1mx2.3/42,Error ellipse: s-maj=69.7km s-min=30.8km az=70.0
 ISCJB 29 16:48:47.4,0.8,39.70N;0.04-142.0E;0.1,h72km,5km,mb3.5/3,Error ellipse: s-maj=13.2km s-min=6.4km az=179.5
 JMA 29 16:48:48.8,39.71N;141.92E,h64km,1km,M3.0
 ISC 29 16:48:48.5,1.2,39.71N;0.04-141.96E;0.09,h65km,7km,n22,0.046/24,mb3.5/3,Eastern Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
MIYJ	Miyakonagawasa	0.17 219	Op P	16 48 58.7	+0.3	Pn	16 48 58.7 +0.3
MIYJ	Tanohata	0.24 342	S P	16 49 05.8	+0.2	Pn	16 49 05.8 +0.2
JTH	Kuzumaki	0.56 300	S P	16 49 01.9	0.0	Pn	16 49 01.9 0.0
JKZ	Ohasama	0.57 246	P P	16 49 01.7	-0.4	Pn	16 49 01.7 -0.4
JOM	Jang Nago	0.74 333	P P	16 49 03.7	+0.1	Pn	16 49 03.7 +0.1
JANG	Ichinoseki	0.95 217	S P	16 49 14.7	-0.1	Pn	16 49 14.7 -0.1
JMK	JMK		S P	16 49 06.1	0.0	Pn	16 49 06.1 0.0
JMK	JMK		S P	16 49 19.3	+0.1	Pn	16 49 19.3 +0.1

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
JRG	Rokugo	1.07 253	P Pn	16 49 07.4	-0.3	Pn	16 49 07.4 -0.3
JAH	Hinai	1.12 296	P S	16 49 08.4	0.0	Pn	16 49 08.4 0.0
JAH	JAH		S Pn	16 49 23.6	+0.4	Pn	16 49 23.6 +0.4
JTM	Tenmabayashi	1.27 328	P S	16 49 10.6	+0.3	Pn	16 49 10.6 +0.3
JTM	JTM		S Pn	16 49 27.0	+0.4	Pn	16 49 27.0 +0.4
JIO	Ouri	1.34 201	P S	16 49 11.4	+0.2	Pn	16 49 11.4 +0.2
JIO	JIO		S Pn	16 49 28.0	-0.2	Pn	16 49 28.0 -0.2
JYK	Kaneyama	1.47 238	P S	16 49 12.9	-0.1	Pn	16 49 12.9 -0.1
JYK	JYK		S Pn	16 49 31.4	0.0	Pn	16 49 31.4 0.0
MJAR	Matsushiro Arr	4.33 224	Pn	16 49 34.4	+1.5	Pn	16 49 34.4 +1.5
MA2	Magadan	20.65 13	LR	17 00 46.8		LR	17 00 46.8
H1N2	WAKE ISLAND Hy	29.25 126	T	17 25 20.5		T	17 25 20.5
H1N1	WAKE ISLAND Hy	29.25 126	T	17 25 21.2		T	17 25 21.2
H1N3	WAKE ISLAND Hy	29.27 126	T	17 25 31.7		T	17 25 31.7
H1S1	WAKE ISLAND Hy	30.05 128	T	17 26 28.1		T	17 26 28.1
H1S3	WAKE ISLAND Hy	30.05 128	T	17 26 30.5		T	17 26 30.5
H1S2	WAKE ISLAND Hy	30.07 128	T	17 26 20.6		T	17 26 20.6
ZALV	Zalesovo Beam	40.48 310	P	16 56 20.7	+0.2	P	16 56 20.7 +0.2
WRA	Warramunga Arr	59.77 188	P	16 58 45.8	-0.9	P	16 58 45.8 -0.9
ASAR	Alice Springs	63.49 188	P	16 59 11.6	-0.2	P	16 59 11.6 -0.2

CSEM 29 16:50:16.5,39.52N;29.72W,h10km,ML2.8
 PDA 29 16:50:16.5,0.7,39.52N;29.72W,h10km,MD3.5,ML2.8,
 Error ellipse: s-maj=7.5km s-min=5.2km az=61.0,
 Azores Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s	ISC
PCED	Cedros	1.91 138	Op P	16 50 34.4	-4.7	Pn	16 50 34.4 -4.7
PCED	Cedros	1.91 138	eP	16 50 47.7	-6.9	Pn	16 50 47.7 -6.9
PCED	Cedros	1.91 138	eP	16 50 34.4	-4.7	Pn	16 50 34.4 -4.7
PCED	Cedros	1.91 138	eP	16 50 47.7	-6.9	Pn	16 50 47.7 -6.9
CALA	Caldeira	1.22 139	eS	16 50 49.1	-6.6	Pn	16 50 49.1 -6.6
CALA	Caldeira	1.22 139	eS	16 50 49.1	-6.6	Pn	16 50 49.1 -6.6
ROSA	Rosais	1.40 124	eP	16 50 37.5	-4.6	Pn	16 50 37.5 -4.6
ROSA	Rosais	1.40 124	eP	16 50 52.8	-7.8	Pn	16 50 52.8 -7.8
ROSA	Rosais	1.40 124	eP	16 50 37.5	-4.6	Pn	16 50 37.5 -4.6
ROSA	Rosais	1.40 124	eP	16 50 52.8	-7.8	Pn	16 50 52.8 -7.8
PCAN	Candelaria	1.42 137	eP	16 50 54.0	-7.2	Pn	16 50 54.0 -7.2
PCAN	Candelaria	1.42 137	eP	16 50 54.0	-7.2	Pn	16 50 54.0 -7.2
PICO	Pico	1.43 135	eP	16 50 37.9	-4.5	Pn	16 50 37.9 -4.5
PICO	Pico	1.43 135	eP	16 50 54.0	-7.4	Pn	16 50 54.0 -7.4
PICO	Pico	1.43 135	eP	16 50 37.9	-4.5	Pn	16 50 37.9 -4.5
PICO	Pico	1.43 135	eP	16 50 54.0	-7.4	Pn	16 50 54.0 -7.4
PGRA	Graciosa	1.43 109	eS	16 50 54.0	-7.4	Pn	16 50 54.0 -7.4
PGRA	Graciosa	1.43 109	eS	16 50 54.0	-7.4	Pn	16 50 54.0 -7.4

NIED 29 17:14:00,46.70N;152.80E,h8km,Mw3.9 Best double couple
 M1:7.00000E+10 M2:1.00000E+10 NP1:2.00

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists various stations like MA2 Magadan, KLR Kul'dur, USRK Ussuriysk Arr, etc.

Code Station Name Az Az' Phase ID Time Res ISC
DZM Mont Dzumac 3.64 200 Pn 18 44 45.7 -1.0
DZM 2.8m,0.3s,baz=149,slow=23,SNR=23

Code Station Name Az Az' Phase ID Time Res ISC
WEL 29 18:51:43.9,0.2,1,18.645x167.79E,h0km,mb3.8/4,
mb1 4.0/5,mb1mx3.7/25,mbtmp3.8/5,ML3.4/1,Error
ellipse: s-maj=59.7km s-min=32.0km az=128.0, Vanuatu
Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like TWGZ Tauwharepara, CNGZ Carnagh Stat, etc.

IDC 29 18:57:38.0,0.5,1,6.385x167.94E,h193km,4km,mb4.9/29,
mb1 4.9/33,mb1mx4.9/38,mbtmp5.4/33,MS4.3/12,
Ms1 4.3/12,ms1mx4.0/33,Error ellipse: s-maj=8.5km
s-min=7.5km az=104.0
ISC/JB 29 18:57:38.1,0.8,1,6.365x167.88E,0.02,h205km,7km,
mb5.9/188,Error ellipse: s-maj=3.8km s-min=3.2km
az=10.0

Code Station Name Az Az' Phase ID Time Res ISC
DZM Mont Dzumac 5.89 194 Pn 18 59 04.1 -0.6

Code Station Name Az Az' Phase ID Time Res ISC
DZM Mont Dzumac 5.89 194 Pn 18 59 02.9 -1.8
DZM Mont Dzumac 5.89 194 ePn Pn 18 59 02.5 -2.1
DZM Mont Dzumac 5.89 194 ePn Pn 19 00 13.3 +0.9

Code Station Name Az Az' Phase ID Time Res ISC
DZM Mont Dzumac 5.89 194 ePn Pn 18 59 02.5 -2.1
DZM Mont Dzumac 5.89 194 ePn Pn 19 00 13.3 +0.9
MSVF Nonsavu 9.72 100 ePn Pn 18 59 56.4 +1.9
MSVF Nonsavu 9.72 100 ePn Pn 18 59 56.4 +1.9

Code Station Name Az Az' Phase ID Time Res ISC
DZM Mont Dzumac 5.89 194 ePn Pn 18 59 02.5 -2.1
DZM Mont Dzumac 5.89 194 ePn Pn 19 00 13.3 +0.9
MSVF Nonsavu 9.72 100 ePn Pn 18 59 56.4 +1.9
MSVF Nonsavu 9.72 100 ePn Pn 18 59 56.4 +1.9

Code Station Name Az Az' Phase ID Time Res ISC
DZM Mont Dzumac 5.89 194 ePn Pn 18 59 02.5 -2.1
DZM Mont Dzumac 5.89 194 ePn Pn 19 00 13.3 +0.9
MSVF Nonsavu 9.72 100 ePn Pn 18 59 56.4 +1.9
MSVF Nonsavu 9.72 100 ePn Pn 18 59 56.4 +1.9

Code Station Name Az Az' Phase ID Time Res ISC
DZM Mont Dzumac 5.89 194 ePn Pn 18 59 02.5 -2.1
DZM Mont Dzumac 5.89 194 ePn Pn 19 00 13.3 +0.9
MSVF Nonsavu 9.72 100 ePn Pn 18 59 56.4 +1.9
MSVF Nonsavu 9.72 100 ePn Pn 18 59 56.4 +1.9

Code Station Name Az Az' Phase ID Time Res ISC
DZM Mont Dzumac 5.89 194 ePn Pn 18 59 02.5 -2.1
DZM Mont Dzumac 5.89 194 ePn Pn 19 00 13.3 +0.9
MSVF Nonsavu 9.72 100 ePn Pn 18 59 56.4 +1.9
MSVF Nonsavu 9.72 100 ePn Pn 18 59 56.4 +1.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Lists stations like BHHZ Black Hill Sta, KNZ Kokohu, etc.

Code Station Name Az Az' Phase ID Time Res ISC
BHHZ Black Hill Sta 24.12 165 ePn P 19 02 36.2 +0.1
KNZ Kokohu 24.14 161 ePn P 19 02 35.8 -0.3
KWHZ Kaweka Forest 24.16 164 ePn P 19 02 37.0 +0.6

Code Station Name Az Az' Phase ID Time Res ISC
BHHZ Black Hill Sta 24.12 165 ePn P 19 02 36.2 +0.1
KNZ Kokohu 24.14 161 ePn P 19 02 35.8 -0.3
KWHZ Kaweka Forest 24.16 164 ePn P 19 02 37.0 +0.6

Code Station Name Az Az' Phase ID Time Res ISC
BHHZ Black Hill Sta 24.12 165 ePn P 19 02 36.2 +0.1
KNZ Kokohu 24.14 161 ePn P 19 02 35.8 -0.3
KWHZ Kaweka Forest 24.16 164 ePn P 19 02 37.0 +0.6

Code Station Name Az Az' Phase ID Time Res ISC
BHHZ Black Hill Sta 24.12 165 ePn P 19 02 36.2 +0.1
KNZ Kokohu 24.14 161 ePn P 19 02 35.8 -0.3
KWHZ Kaweka Forest 24.16 164 ePn P 19 02 37.0 +0.6

Code Station Name Az Az' Phase ID Time Res ISC
BHHZ Black Hill Sta 24.12 165 ePn P 19 02 36.2 +0.1
KNZ Kokohu 24.14 161 ePn P 19 02 35.8 -0.3
KWHZ Kaweka Forest 24.16 164 ePn P 19 02 37.0 +0.6

Code Station Name Az Az' Phase ID Time Res ISC
BHHZ Black Hill Sta 24.12 165 ePn P 19 02 36.2 +0.1
KNZ Kokohu 24.14 161 ePn P 19 02 35.8 -0.3
KWHZ Kaweka Forest 24.16 164 ePn P 19 02 37.0 +0.6

Code Station Name Az Az' Phase ID Time Res ISC
BHHZ Black Hill Sta 24.12 165 ePn P 19 02 36.2 +0.1
KNZ Kokohu 24.14 161 ePn P 19 02 35.8 -0.3
KWHZ Kaweka Forest 24.16 164 ePn P 19 02 37.0 +0.6

Code Station Name Az Az' Phase ID Time Res ISC
BHHZ Black Hill Sta 24.12 165 ePn P 19 02 36.2 +0.1
KNZ Kokohu 24.14 161 ePn P 19 02 35.8 -0.3
KWHZ Kaweka Forest 24.16 164 ePn P 19 02 37.0 +0.6

29d 19h

Table with columns for station name, coordinates, and status. Includes stations like Bath, Zakynthos, Danuella, Echery, Molkenrain, Hartland, They Montfort, Stuetta, Yadsworthy, Lomont, Carmenellis, Timpagrande, Timpagrande, L'Aquila, L'Aquila, Castrocuoco, Jersey, Saint Aubin, Vacheresse, Villacollemand, Celeste, Bardonecchia, Bardonecchia, Abries, Grand Maison, Grenoble, La Plantade, Riachuelo, Saint Agoulin, Saint Sauveur, Saint Sauveur, Saint Sauveur, Collangettes, Petit Puy Gannes, Verneuil, Lubilac, Callabellotta, Laroque-de-Fa, Valcebollere, Melles, Labassere, REFY, Montagne du Re, Vies, Arette, Osse, Larau, Kesra, etc.

MAN 29 19:06:02, 12:38N-123:73E, h57km, mb4.0, ML2.7, MS2.4, Luzon

Table with columns for station name, coordinates, and status. Includes stations like OPRZ, Manawahe, MARZ, WHRZ, LIRZ, TGRZ, TGRZ, EDJRZ, Makatiti, MKRZ, OMRZ, OMRZ, KARZ, KARZ.

2011 AUG

Main table with columns for station name, coordinates, and status. Includes stations like Mount Tarawera, Highlands Stat, Utuhina, White Island, Republican Roa, Kaimai, Urewera, Urewera, Hossack Road, Handcock Road, Murupara, Galatos Road, Plateau Road, Allen Road, Whakapapatarin, Raukumara Rang, Rautahuna, Matawai, Tahuroa Road, Te Kaha, Rawiri, Kaahu Road, Tolley Road, Whakaora, Matea Ra, Shannon Statio, Tauwharepareare, Pakihiroa, Te Karaka, Wairara, Rangitukua, Rimuhau, Kuaotunu, Naumai, Puketiti, Matakaoa Point, Waihua, Black Stump Fm, Moumakai, Kakaramea, Waiomatatini S, Carnagh Statio, Kokohu, Aropoanui, Paritu Road, Karewarewa, Oturere, Karaka Road Bo, Waiheke Island, Hauti, Ngaruhoe, East Tamaki Re, Kaweka Forest, McNeill Hill, Mahia Peninsula, Far West T-bar, Whangaehu Hut.

1536

Table with columns for station name, coordinates, and status. Includes stations like Wahianoa, Black Hill Sta, Moawhango, Great Barrier, Mangateitei, Kereru, Waatarua, Cape Kidnapper, Kahuranaki, Pukenui, Takapari Road, Wanganui, North Egmont, Waipu Caves, Birch Farm, Mangatainoka R, Omahuta, Rata Peaks, Stephens Creek, Alice Springs, Warramunga Arr, Tori Ar. Bea, Kula-Manisa, Kula-Manisa, Balikesir, Simav-Kutahya, Simav-Kutahya, Balya, Zeytinokoy-Aydi, Zeytinokoy-Aydi, Izmir, Karacabey (Bur), Karacabey (Bur), Chios island, Chios island.

ISCJB 29 19:15:00.8±0.7, 38°90'N, 0°04'27.94'E±0.05, h7km, 8km, Error ellipse: s-maj=7.5km s-min=6.5km az=176.8 ISK 29 19:15:00.8, 38°89'N-27°95'E, h7km, MD2.6 DDA 29 19:15:00.7, 38°92'N-27°95'E, h7km, MD2.6 CSEM 29 19:15:01.1±0.1, 38°90'N-27°94'E, h8km, MD2.6, Error ellipse: s-maj=2.9km s-min=2.7km az=3.0 ISC 29 19:15:00.7±1.0, 38°93'N-0°03'27.92'E±0.03, h11km, 9km, comp=Z, 1.2nm, 0.7s, baz=229, slow=8.4, SNR=3.1

Table with columns for Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like AKS, DEMI, DEMI, KULA, KULA, BALB, SIMA, SIMA, BALLY, BALLY, AYDB, AYDB, URLA, URLA, TVSB, TVSB, KCIX, KCIX, CHOS, CHOS.

SKO 29 19:16:15.7, 40°68'N-20°78'E, h0km, Greece-Albania border region Code Station Name Az Op Phase ID Time Res ISC OHR, OHR, BIA, BIA.

WEL 29 19:24:05.6±0.3, 45°17'S-166°71'E, h12km, ML3.7/14, IC-2D, Error ellipse: s-maj=2.9km s-min=1.0km az=90.0, Off west coast of South Island

Table with columns for Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Includes stations like DCZ, Milford Sound, Puysegur Point, Mavora Lakes, Wether Hill Ro, Wanaka, Earnsclough, Jackson Bay, The Paps, Scrubby Hill, Tuapeka.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TUZ, LBZ, FOF, OZD, HHS, WVZ, THZ, QRTZ, NNZ.

NEIC 29 19:33:45.0,36:52S:176:58E,h231km,MG4.1(WEL), After WEL. WEL 29 19:33:46.0,4:36:52S:176:59E,h221km,7km,ML4.1/35, 15C-4D, Error ellipse: s-maj=7.2km s-min=7.1km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LIRZ, HAZ, RUGZ, MSX, URZ, PKGZ, WMVG, MWZ, MUGZ, TWGZ, PUZ, RAGZ, RTZ, TKGZ, MRHZ, SNZ, CNGZ, RIGZ, NMHZ, WHZ, KHZ, BKZ, WTVZ, OTVZ, ARHZ, NGZ, MHZ, FWVZ, WHVZ, KWHZ, KAHZ, MCHZ, MOVZ, BHZ, BHHZ, MTVZ, KRHZ, KPHZ, KCHZ, KAHZ, PNHZ, WAZ, PXZ, WPHZ, TSZ, PRHZ, DVHZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DVHZ, POWZ, PRWZ, BRWZ, BRFZ, MRZ, MWZ, TWZ, TGWZ, OGWZ, HOWZ, KIW, MTW, CAW, TRWZ, MSWZ, TSWZ, TCW, BHW, PLWZ, KHZ, NNZ, NNZ, TUWZ, ORWZ, QWZ, BSWZ, THZ, PLWZ, KHZ, INZ, MOZ, MOZ, MDZ.

AUST 29 19:54:08.4,0.4,0.25:92S:137:47E,h10km, Error ellipse: s-maj=0.3km s-min=0.1km az=245.0. IDC 29 19:54:08.5,2.3,25:79S:137:53E,h0km,mb1 3.2/4, mb1mx3.1/34, mbmp3.0/4, ML2.7/4, Error ellipse: s-maj=32.1km s-min=15.8km az=54.0. ISC 29 19:54:07.9,1.1,25:9S:0:1x137.4E:0.1,h8km,n8, c354/512,Northern Territory

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR, ASAR, WB2, WRA, WRA, BBOO, STKA, STKA, CMTA, FITZ, FITZ.

IDC 29 20:02:22.4,2.2,18:32S:167:32E,h0km,mb3.7/3, mb1 4.0/4, mb1mx3.6/33, mbmp3.7/4, ML3.4/1, Error ellipse: s-maj=53.8km s-min=36.4km az=127.0,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM, WRA, ASAR, ILAR.

IDC 29 20:18:11.7,1.3,18:30S:167:18E,h0km,mb4.1/7, mb1 4.3/8, mb1mx4.0/30, mbmp4.1/8, ML4.1/1, MS3.5/9, Ms1 3.5/9, ms1mx3.3/32, Error ellipse: s-maj=31.5km s-min=27.2km az=86.0. ISC/JB 29 20:18:15.2,0.9,18:53S:0:09:167:2E:0.1,h33km, mb4.2/12, MS3.5/6, Error ellipse: s-maj=18.1km s-min=12.2km az=174.3. NEIC 29 20:18:16.7,0.9,18:46S:167:30E,h35km,mb4.9/5, Error ellipse: s-maj=18.3km s-min=17.5km az=200.0. ISC 29 20:18:17.2,1.0,18:58S:0:09:167:2E:0.2,h35km,n33, c1933/25,mb4.3/11, MS3.5/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM, DZM, DZM, DZM, HNR, RAO, CTA, CTA, AFI, PMG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like STKA, WRAB, WRA, ASAR, ASAR, FITZ, FITZ, PPT2, PPT, MBWA, NWA0, NWA0, RKT, VNA, QSPA, CMAR, SONM, TEXAR, CYC, ABTA, MOTA, SQT, FETA, BFA, DAVO, TORO, MEX 29 20:27:51.5,0.5,17:22N:100:23W,h33km,11km,MD3.6, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CAIG, ARIG, PLIG, TLIG.

ISC/JB 29 20:33:52.4,0.4,49:85N:0:03:18:51E:0:03,h0km, Error ellipse: s-maj=5.0km s-min=2.6km az=13.6. IPEC 29 20:33:52.0,2.0,49:84N:18:58E,h1km,az=161.0, Error ellipse: s-maj=2.2km s-min=1.1km az=161.0. CSEM 29 20:33:53.1,0.2,49:83N:18:52E,h1km,ML2.6/5, Error ellipse: s-maj=4.9km s-min=2.6km az=14.0. ISC 29 20:33:53.1,0.6,49:83N:0:03:18:52E:0.02,h0km,n27, c592/47,2D,Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OKC, OKC, OKC, MORC, MORC, OJC, OJC, OJC, LANS, LANS, LANS, KRLC, KRLC, KRLC, NIE, NIE, VYHS, VYHS, VYHS, VYHS, VRAC, SMOL, SMOL, DPC, DPC, DPC, KRUC, KRUC, KSP, KSP, KSP, STHS, STHS, STHS, KECS, KECS, KECS, PRU, PRU, KHC, KHC.

JMA 29 20:42:03.7,0.1,24:90N:122:44E,h0km,M3.0. ISC/JB 29 20:42:04.3,0.6,24:90N:0:04:122:46E:0:03,h6km,4km, Error ellipse: s-maj=7.0km s-min=3.5km az=20.7. TAP 29 20:42:05.3,2.4,86N:122:35E,h5km,ML3.1,D. ISC 29 20:42:03.6,1.3,24:97N:0:05:122:45E:0:03,h7km,10km, n22,c041/42,Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TWB1, TWB1, NWF, NWF, TWC, TWC, JYNG, JYNG, YOJ.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like CM01 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like SONM Songino Array, SONM Songino Array, SONM Songino Array, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like ASAR 0.6nm, 0.6s, FITZ Fitzroy Crossi, PDAR Pinedale Array, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BFZ, TMWZ, PNHZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SNA, SNA, SNA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TXAR, PTGA, SIV, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like KESN, Enez, ERIK, SART, RYK, SLVT, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like TRIB, TRIB, TRIB, PLauen, comp=E,140nm,0.1s, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like RUGZ, Raukumara Rang, PUK, PUK, PUK, etc.

CSEM 30 01:02:50.4, 50°26'N, 12°52'E, h0km PRU 30 01:02:50.4, 50°26'N, 12°52'E, h0km, 3C, West Bohemia Swarm, Germany

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NKCC, NKCC, NKCC, NKCC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PRU, PRU, PRU, PRU, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PRU, PRU, PRU, PRU, etc.

ISCJB 30 01:09:52.7±0.3, 50°18'N, 12°58'E, 0.02, h4km, 6km, Error ellipse: s-maj=2.7km s-min=2.4km az=136.5 CSEM 30 01:09:54.0±0.1, 50°22'N, 12°54'E, h2km, ML3/0.13, Error ellipse: s-maj=2.5km s-min=1.9km az=42.0 PRU 30 01:09:54.8, 50°26'N, 12°54'E, h1km, West Bohemia Swarm

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NKCC, NKCC, NKCC, NKCC, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RETA, RETA, RETA, RETA, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WZC, WZC, WZC, WZC, etc.

WEL 30 01:17:35.8±0.5, 36°79'S, 178°13'E, h33km, ML3.8/30, 7C-7D, Error ellipse: s-maj=3.7km s-min=3.0km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MXZ, MXZ, MXZ, MXZ, etc.

NIED 30 01:50:00.37±20N, 140°20'E, h122km, Mw3.8 Best double couple: M6.25000x10^14, NP1±184, 0.0000°, 0.44, 0.0000°, λ-93.00000°. NP2±7.00000°, 0.46, 0.00000°, λ-87.00000°

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JFT, JFT, JFT, JFT, etc.

N59A	State Game Lan	68.66	353	P	P	02 26 53.0 +0.9
X32A	Elmer	68.67	332	P	P	02 26 52.2 -0.1
WMOK	Wichita Mounta	68.74	333	P	P	02 26 52.3 -0.5
WMOK	Wichita Mounta	68.74	333	eP	P	02 26 52.5 -0.2
S41A	Jillico Farms,	68.77	340	P	P	02 26 52.6 -0.2
W34A	Bridge Creek,	68.77	334	P	P	02 26 52.8 -0.1
T39A	Cleaver	68.78	338	P	P	02 26 52.9 0.0
U37A	Salina	68.81	336	P	P	02 26 53.1 -0.1
R43A	Red Bud	68.86	341	P	P	02 26 52.4 -1.0
V35A	Meyer Ranch, C	68.87	335	P	P	02 26 53.2 -0.3
W33A	Caddo, Fort Co	68.87	333	P	P	02 26 54.9 +0.7
S40A	Lebanon	69.01	339	P	P	02 26 54.4 +0.1
U36A	Oologah	69.02	336	P	P	02 26 53.7 -0.7
ACSO	Alum Creek Sta	69.06	347	eP	P	02 26 54.0 -0.5
T38A	Diamond	69.09	337	P	P	02 26 54.9 +0.1
R42A	Luebbering	69.12	341	P	P	02 26 54.7 -0.2
MNTX	Cornudas Mount	69.16	326	P	P	02 26 55.0 -0.4
MNTX	Cornudas Mount	69.16	326	eP	P	02 26 54.8 -0.6
V34A	Guthrie	69.19	334	P	P	02 26 54.7 -0.8
Q44A	Meyer Farm, Va	69.20	342	P	P	02 26 54.0 -1.5
N54A	Moraine	69.25	350	P	P	02 26 56.1 +0.3
W32A	Sentinel	69.26	333	P	P	02 26 56.1 +0.2
R41A	Rosebud	69.31	340	P	P	02 26 55.9 -0.3
S39A	Bolivar	69.36	338	P	P	02 26 56.6 +0.1
U35A	Pawnee	69.37	335	P	P	02 26 56.7 +0.1
T37A	Cheneyville 18	69.39	337	P	P	02 26 56.6 -0.1
Q43A	New Douglas	69.42	342	P	P	02 26 55.9 -0.9
DBIC	Dimbokro	69.48	70	P	P	02 26 56.8 -0.9
V33A	Lossen Ranch,	69.48	334	P	P	02 26 56.6 -0.7
S38A	Stockton	69.50	338	P	P	02 26 57.2 -0.1
R40A	Maddies Statio	69.58	339	P	P	02 26 57.5 -0.3
P44A	Sand Creek, Wi	69.62	343	P	P	02 26 56.6 -1.4
Q42A	Golden Eagle	69.63	341	P	P	02 26 57.6 -0.5
T36A	Boggs Farm, Ca	69.67	336	P	P	02 26 58.2 -0.2
V32A	Arapaho	69.69	333	P	P	02 26 58.0 -0.6
U34A	Anderson Ranch	69.73	335	P	P	02 26 58.4 -0.4
M54A	Oil Creek Stat	69.74	350	P	P	02 26 58.8 0.0
T35A	Sooner Cattle	69.77	336	P	P	02 26 59.0 -0.1
MSTX	Muleshoe	69.80	329	P	P	02 26 59.4 0.0
MSTX	Muleshoe	69.80	329	eP	P	02 26 59.5 +0.1
R39A	Chumby, Stover	69.84	339	P	P	02 26 59.3 -0.1
Q41A	Truxton	69.87	341	P	P	02 26 59.2 -0.4
S37A	Fort Scott	69.93	337	P	P	02 26 59.9 -0.1
R38A	Fenwick Farm,	70.00	338	P	P	02 27 00.1 -0.3
P43A	Skaggs, Pawnee	70.02	342	P	P	02 26 59.7 -0.8
AMITL	Amarillo	70.08	331	P	P	02 27 00.7 -0.4
SFIN	Lafayette	70.10	344	P	P	02 26 59.8 -1.1
SFIN	Lafayette	70.10	344	eP	P	02 26 60.0 -1.0
T34A	McClaskey Fax	70.12	335	P	P	02 27 01.3 +0.1
Q40A	Laux Farm, Aux	70.16	340	P	P	02 27 01.0 -0.4
S36A	Cadre Cedric, C	70.16	337	P	P	02 27 01.2 -0.2
P42A	Winchester	70.20	341	P	P	02 27 00.8 -0.8
U32A	Winter Ranch,	70.25	333	P	P	02 27 02.0 -0.1
SYO	Syowa Base	70.33	359	eP	P	02 27 00.6 -1.4
ERPA	Erie	70.38	350	eP	P	02 27 02.6 0.0
S35A	Otter Creek Ra	70.38	336	P	P	02 27 02.2 -0.5
R37A	Teagarden Farm	70.43	338	P	P	02 27 02.7 -0.3
Q39A	Willow Grove F	70.49	339	P	P	02 27 03.0 -0.4
P41A	Barry, Barry	70.49	341	P	P	02 27 02.5 -0.9
Q43A	Sugar Cank Fa	70.57	343	P	P	02 27 02.8 -1.0
Q38A	Cooks Store, C	70.61	339	P	P	02 27 04.1 0.0
P40A	Paris	70.65	340	P	P	02 27 04.0 -0.3
R36A	Gordon, Harris	70.67	337	P	P	02 27 04.1 -0.3
S34A	Willow Spring	70.69	336	P	P	02 27 04.4 -0.2
Q42A	Bath	70.69	342	P	P	02 27 03.8 -0.7
Q37A	Longview Farm,	70.81	338	P	P	02 27 04.5 -0.8
HDIL	Hopedale	70.82	343	eP	P	02 27 04.6 -0.7
HDIL	Hopedale	70.82	343	eP	P	02 27 04.7 -0.7
P39B	Sallistey	70.82	340	P	P	02 27 05.0 -0.4
Q41A	Passleys Farm,	70.84	341	P	P	02 27 04.6 -0.8
R35A	Emporia Munic	70.91	336	P	P	02 27 05.5 -0.4
319A	Douglas	70.92	323	eP	P	02 27 07.7 +1.4
121A	Cookes Peak, D	71.04	325	P	P	02 27 08.6 +1.5
121A	Cookes Peak, D	71.04	325	eP	P	02 27 08.0 +0.9
Q40A	La Belle	71.14	341	P	P	02 27 06.7 -0.6
P38A	Dawn	71.19	339	P	P	02 27 07.2 -0.4
R34A	Isabella, Hill	71.27	336	P	P	02 27 08.0 -0.1
N42A	Yates City	71.27	342	P	P	02 27 07.3 -0.7
Q35A	Mercer Eighty,	71.33	337	P	P	02 27 07.9 -0.5
P37A	Lathrop	71.42	338	P	P	02 27 08.3 -0.7
Q39A	Kirkville	71.46	340	P	P	02 27 08.5 -0.7
Q38A	Gall	71.62	339	P	P	02 27 09.8 -0.3
Q34A	Chapman	71.71	336	P	P	02 27 10.5 -0.3
P36A	Good Intent, A	71.73	338	P	P	02 27 10.2 -0.7
KSU1	Kansas State A	71.75	337	P	P	02 27 10.5 -0.4

037A	Wolven Farm, M	71.88	339	P	P	02 27 11.1 -0.6
M41A	Milan	71.92	342	P	P	02 27 11.0 -0.9
P35A	Duane Minner,	71.93	337	P	P	02 27 11.4 -0.6
N39A	Derby Farms, D	72.02	340	P	P	02 27 12.0 -0.5
O36A	Bolkow	72.11	338	P	P	02 27 12.3 -0.8
N38A	Joess South, R	72.16	340	P	P	02 27 12.8 -0.6
P34A	Walnut Farm, R	72.22	337	P	P	02 27 13.9 +0.1
ANMO	Albuquerque	72.32	327	P	P	02 27 15.7 +1.0
ANMO	Albuquerque	72.32	327	eP	P	02 27 15.6 +0.8
ANMO	Albuquerque	72.32	327	eP	P	02 27 15.8 +1.0
N37A	Lee Farms, Mou	72.44	339	P	P	02 27 14.7 -0.4
TUC	Tucson	72.45	323	P	P	02 27 16.6 +1.3
TUC	Tucson	72.45	323	eP	P	02 27 17.4 +2.1
M39A	Webster	72.48	341	P	P	02 27 14.4 -0.8
O35A	Humboldt	72.55	338	P	P	02 27 14.7 -1.0
L41A	Preston	72.56	342	P	P	02 27 14.9 -0.8
M38A	Pleasantville	72.72	340	P	P	02 27 16.1 -0.6
N36A	Muff Farm, S	72.73	339	P	P	02 27 16.5 -0.3
O34A	Beatrice	72.74	337	P	P	02 27 16.6 -0.3
L40A	Anamosa	72.75	342	P	P	02 27 16.3 -0.5
PLVO	Plevna	72.88	353	eP	P	02 27 17.9 +0.4
O33A	Hebron	72.96	336	P	P	02 27 18.2 0.0
M37A	Trindle Farm,	72.97	339	P	P	02 27 18.2 +0.1
N35A	Tabor	72.99	338	P	P	02 27 17.9 -0.4
K41A	Sherrill	73.00	343	P	P	02 27 17.9 -0.4
L39A	Vinton	73.02	341	P	P	02 27 17.9 -0.6
T25A	Trinidad	73.17	330	P	P	02 27 20.4 +0.7
T25A	Trinidad	73.17	330	eP	P	02 27 20.8 +1.1
SCIA	State Center	73.18	340	eP	P	02 27 19.4 0.0
M36A	Felix, Anita	73.25	339	P	P	02 27 19.1 -0.7
N34A	Lincoln	73.26	337	P	P	02 27 19.6 -0.3
JFWS	Jewell Farm	73.28	343	eP	P	02 27 19.9 0.0
214A	Organ Pipe Nat	73.29	321	P	P	02 27 21.8 +1.5
214A	Organ Pipe Nat	73.29	321	eP	P	02 27 21.8 +1.5
K40A	Colesburg	73.31	342	P	P	02 27 19.5 -0.6
L38A	Oakwood Farm,	73.32	341	P	P	02 27 19.6 -0.5
N33A	J Bar K, Exete	73.50	337	P	P	02 27 21.0 -0.3
K39A	Olwein	73.53	342	P	P	02 27 20.6 -0.8
L37A	Phoenix Point,	73.54	340	P	P	02 27 20.6 -0.9
M35A	Neola	73.56	338	P	P	02 27 21.4 -0.2
J41A	Loganville	73.64	343	P	P	02 27 21.6 -0.4
K38A	Parkersburg	73.72	341	P	P	02 27 21.9 -0.6
L36A	Hartwood Farm,	73.80	339	P	P	02 27 22.8 -0.2
TRQ	Mont Tremblant	73.82	355	eP	P	02 27 23.2 +0.1
J40A	Soldiers Grove	73.86	343	P	P	02 27 22.7 -0.6
J39A	Decorah	74.06	342	P	P	02 27 23.9 -0.6
W18A	Petrified Fore	74.08	325	P	P	02 27 26.0 +1.0
W18A	Petrified Fore	74.08	325	eP	P	02 27 24.7 -0.3
L35A	Bielow Farm, R	74.09	339	P	P	02 27 24.5 -0.2
K37A	Belmond	74.09	340	P	P	02 27 23.8 -0.9
M33A	Taylor Creek F	74.15	337	P	P	02 27 26.0 +0.9
SDCO	Great Sand Dun	74.16	330	P	P	02 27 26.5 +1.0
SDCO	Great Sand Dun	74.16	330	eP	P	02 27 26.6 +1.0
K34A	Gilmore City	74.22	340	P	P	02 27 25.2 -0.2
L36A	Swendsen Farm,	74.23	338	P	P	02 27 25.2 -0.3
I41A	Arkdale	74.25	343	P	P	02 27 24.7 -0.8
J38A	Wedel Dairy, R	74.26	341	P	P	02 27 24.8 -0.8
BGNE	Belgrade	74.34	337	P	P	02 27 26.2 0.0
BGNE	Belgrade	74.34	337	eP	P	02 27 27.0 +0.8
X16A	Lo Mia Camp, P	74.42	324	eP	P	02 27 28.5 +1.5
I39A	Houston	74.49	342	P	P	02 27 26.3 -0.7
K35A	Storm Lake	74.54	339	P	P	02 27 26.8 -0.5
J37A	Redenius Farm,	74.56	341	P	P	02 27 26.8 -0.6
H41A	Junction City	74.72	344	P	P	02 27 27.7 -0.5
S22A	4UR Ranch, Cre	74.77	329	P	P	02 27 29.7 +0.7
S22A	4UR Ranch, Cre	74.77	329	eP	P	02 27 30.4 +1.3
K34A	Le Mars	74.78	339	P	P	02 27 28.0 -0.7
J36A	Seneca 1, Swea	74.81	340	P	P	02 27 28.5 -0.4
I38A	Scanlan Farm,	74.88	342	P	P	02 27 28.8 -0.4
Y14A	Wickenburg	74.89	322	eP	P	02 27 31.1 +1.5
H40A	Chili	74.91	343	P	P	02 27 28.8 -0.5
K33A	Hardington	75.01	338	P	P	02 27 29.7 -0.2
Q24A	Divide	75.01	331	P	P	02 27 31.5 +1.0
Q						

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like D33A AnnSam, Waubun, E31A Nome, RSSD Black Hills, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like K05A Summer Lake, PNCL Nicolau, G/9s, MESJ Messejana, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, H, M, S, Res, ISC, Time, and other parameters. Includes stations like IDC 30 02:29:00, 38°50N, 142°10E, etc.

MOS 30 02:40:06.9, 1.4, 52.22N, 97.22E, h11km, mb4.5/6, Error ellipse: s-maj=13.4km s-min=9.0km az=174.3

NEIC 30 02:40:08.2, 0.7, 52.23N, 97.34E, h10km, mb4.1/4, Error ellipse: s-maj=24.5km s-min=10.1km az=6.0

ASRS 30 02:40:13.5, 3.1, 52.31N, 96.81E, h15km, Ms4.1/2

ISC 30 02:40:10.1, 0.4, 52.39N, 0.03, 97.25E, h10km, n91, c254/g3, mb4.0/14, Ms3.2/5, 8C-2D

Code Station Name Az Phase ID Time Res ISC

ORL Oriik 1.57 84d /Pn Pn 02 40 37.6 -0.6

BLRR Bot'shaya Rech 3.00 284C /Pn Pn 02 40 58.4 +0.7

ARS comp=E,10um,0.8s 3.58 280 eP/Pb 02 41 14.9 +1.4

UGDM comp=Z,424nm,1.1s 8.68 292 eP/Pg 02 44 19.2 -1.0

NVS Novosibirsk 8.68 292 eP/Pg 02 42 47.8 -8.4

BVAR Borovoye Array 16.26 283 Pn 02 43 55.6 -2.7

BRVK Borovoye 16.32 283 eP/Pn 02 43 56.4 -2.7

YAK Yatsk 19.82 48 Lg 02 50 30.6

KKAR Karatay Array 20.14 253 eP/P 02 44 42.5 -1.6

ARU comp=Z,1.0nm,20.0s,baz=166,slow=36 02 53 37.6

ARU comp=Z,1.0nm,1.7s 22.66 296 eP/P 02 45 08.9 -2.2

ARU comp=Z,7.6nm,0.8s 23.60 277 eP/P 02 45 19.3 -1.5

ARU comp=Z,1.0nm,1.7s 22.66 296 eP/P 02 45 08.9 -2.2

JNU 0.4nm,0.3s,baz=58,slow=16,SNR=3.4 11.24 314 eP/P 02 44 37.5 -0.2

JNU Nakatsue 11.24 314 eP/P 02 44 37.5 -0.2

JNS Shimokoshiki 11.24 305 P/P 02 44 36.8 -0.9

JNS Saijyo 11.31 327 P/P 02 44 38.1 -0.2

JNS Kume jima 2 12.40 276 P/P 02 44 48.9 -0.6

JNS Saito 12.50 352 P/P 02 44 49.5 -0.8

JNS GUMO Guam 12.67 160 P/P 02 44 53.7 +1.3

JNS GUMO 43nm,0.3s,baz=184,slow=4.3,SNR=17 12.67 160 P/P 02 44 53.7 +1.3

JNS GUMO 12nm,0.3s,baz=180,slow=20,SNR=4.3 12.67 160 P/P 02 44 53.7 +1.3

30d 2h

SWMT	Swartz Lake	81.17	41	eP	P	02 53 23.0 +0.7
PAHR	Pah Rah Range	81.25	50	eP	P	02 53 24.0 +1.0
CMB	Columbia Colle	81.27	52	eP	P	02 53 23.6 +0.7
CMB	Columbia Colle	81.27	52	eP	P	02 53 23.6 +0.7
PNTR	Pine Nut	81.36	51	eP	P	02 53 25.1 +1.4
MSO	Missoula	81.53	42	eP	P	02 53 24.4 +0.2
MSO	Missoula	81.53	42	eP	P	02 53 24.4 +0.2
SLMT	Seeley Lake	81.60	41	eP	P	02 53 25.2 +0.5
YERR	Yerington	81.66	51	eP	P	02 53 26.3 +1.1
WAKR	Walker	81.73	51	eP	P	02 53 26.9 +1.4
NACGM	Naroch	81.87	328	e	P	02 53 24.0 -1.6
CHMT	Chamberlain Mo	81.91	42	eP	P	02 53 26.4 +0.2
MFID	Camas Ranch	81.96	46	eP	P	02 53 27.6 +1.2
SUMG	Summit	82.03	360	iP	P	02 53 27.1 +0.5
SUMG	Summit	82.03	360	iP	P	02 53 27.1 +0.5
SUMG	Summit	82.03	360	iP	P	02 53 27.1 +0.5
MARD	Mardin	82.08	308	eP	P	02 53 28.0 +0.8
TVH1	TV Hill, Hawth	82.23	51	eP	P	02 53 29.3 +1.0
TVH3	East Aurora ar	82.23	51	eP	P	02 53 29.5 +1.4
TVH2	Gorealis Mine	82.27	51	eP	P	02 53 29.4 +1.1
BMN	Battle Mountai	82.41	49	eP	P	02 53 29.3 +0.4
BMN	Battle Mountai	82.41	49	eP	P	02 53 29.3 +0.4
SMMC	Simmler	82.73	54	P	P	02 53 31.6 +1.1
HLID	Halley	82.80	45	eP	P	02 53 31.9 +1.1
HLID	Halley	82.80	45	eP	P	02 53 31.7 +0.9
RCTC	Reactor, Farmer	82.84	53	P	P	02 53 31.5 +0.7
HRY	Holter Researc	82.86	41	eP	P	02 53 31.9 +1.0
AKASG	Malin Array Be	82.90	323	P	P	02 53 29.9 -0.9
AKASG	Malin Array Be	82.90	323	P	P	02 53 30.0 -0.9
KIEV	Kiev	82.91	323	iP	P	02 53 29.8 -1.1
KIEV	Kiev	82.91	323	iP	P	02 53 30.0 -0.9
LRM	Limekiln Ridge	82.92	42	eP	P	02 53 32.4 +0.9
PKMT	McPherson Peak	83.06	55	P	P	02 53 33.4 +1.2
DLDM	Dillon	83.06	43	eP	P	02 53 32.5 +0.4
VES	Vestal, Richgr	83.17	54	P	P	02 53 32.8 +0.3
MCMT	McKenzie Canyo	83.17	43	eP	P	02 53 33.7 +1.0
TIN	Tinemaha, Big	83.24	52	P	P	02 53 34.3 +1.3
MALT	Malatya	83.29	309	iP	P	02 53 33.9 +0.6
SCO	Scoresbyund	83.33	354	iP	P	02 53 32.6 0.0
SCO	Scoresbyund	83.33	354	iP	P	02 53 32.6 0.0
EGMT	Eagleton	83.40	40	eP	P	02 53 34.2 +0.7
EGMT	Eagleton	83.40	40	eP	P	02 53 33.7 +0.1
BOZ	Bozeman (W)	83.51	42	eP	P	02 53 35.2 +0.9
BOZ	Bozeman (W)	83.51	42	eP	P	02 53 34.9 +0.7
BOZ	Bozeman (W)	83.51	42	eP	P	02 53 34.9 +0.7
SC22	Santa Cruz Isl	83.59	55	P	P	02 53 35.3 +0.6
CWC	Cottonwood Cre	83.62	53	P	P	02 53 35.5 +0.5
ARVC	Arvin Ar	83.67	54	P	P	02 53 35.7 +0.6
ISA	Isabella, Lake	83.69	54	P	P	02 53 35.4 +0.1
ISA	Isabella, Lake	83.69	54	P	P	02 53 35.7 +0.5
ISA	Isabella, Lake	83.69	54	P	P	02 53 35.7 +0.5
FFC	Flin Flon	83.73	31	eP	P	02 53 35.4 +0.5
FFC	Flin Flon	83.73	31	eP	P	02 53 35.4 +0.5
GRAC	Grapevine Rang	83.88	52	P	P	02 53 37.0 +0.9
SNCG	San Nicolas Is	84.00	56	P	P	02 53 37.7 +0.9
QLMT	Earthquake Lak	84.04	43	eP	P	02 53 38.4 +1.5
DAC	Darwin (Calif)	84.05	53	eP	P	02 53 37.6 +0.5
DAC	Darwin (Calif)	84.05	53	eP	P	02 53 37.6 +0.5
DAC	Darwin (Calif)	84.05	53	eP	P	02 53 37.6 +0.5
SUW	Suwalki	84.10	328	eP	P	02 53 35.9 -0.9
SUW	Suwalki	84.10	328	eP	P	02 53 35.9 -0.9
NC405	NORSAR Array S	84.17	338	eP	P	02 53 36.1 -0.8
MPMC	Manual Prospec	84.22	53	P	P	02 53 38.8 +0.8
YHB	Horse Butte	84.23	43	eP	P	02 53 39.9 +2.0
LRMC	Laurel Mtn Rad	84.35	53	P	P	02 53 39.3 +0.7
NC204	NORSAR Array S	84.38	338	eP	P	02 53 36.9 -1.1
NB2	NORSAR Subarra	84.39	338	eP	P	02 53 36.5 -1.5
NOA	NORSAR Array B	84.39	338	eP	P	02 53 36.7 -1.4
EDW2	Edwards Air Fe	84.39	54	P	P	02 53 39.6 +0.9
YMR	Madison River	84.41	43	eP	P	02 53 41.0 +2.2
YHH	Holmes Hill	84.42	43	eP	P	02 53 40.7 +1.8
DECC	Green Verdugo	84.43	55	P	P	02 53 39.2 +0.3
FURC	Furnace Creek,	84.48	52	P	P	02 53 39.9 +1.0
R11A	Troy Canyon, C	84.50	50	P	P	02 53 40.0 +0.8
R11A	Troy Canyon, C	84.50	50	P	P	02 53 39.9 +0.6
CGMT	Greyhiff	84.62	41	eP	P	02 53 40.9 +1.2
TPNV	Topopah Spring	84.69	52	P	P	02 53 40.9 +0.7
TPNV	Topopah Spring	84.69	52	eP	P	02 53 41.0 +0.7
TPNV	Topopah Spring	84.69	52	eP	P	02 53 41.0 +0.7
CIS	Catalina Islan	84.76	56	P	P	02 53 40.9 +0.4
SORM	Soroca	84.76	321	iP	P	02 53 39.0 -1.1
H17A	Grant Village	84.79	43	eP	P	02 53 42.9 +2.2
IMW	Indian Meadow	84.82	43	eP	P	02 53 42.3 +1.4
FLWY	Flagg Ranch	84.87	43	eP	P	02 53 42.5 +1.5
FXWY	Fox Creek	84.90	44	eP	P	02 53 43.0 +1.8

2011 AUG

BFSC	Mount Baldy Ra	84.94	55	P	P	02 53 41.7 +0.3
MOOW	Moose Ponds	85.02	44	eP	P	02 53 43.2 +1.5
TPAW	Tetap Pass	85.02	44	eP	P	02 53 43.2 +1.3
ILULI	Ilulissat	85.03	4	iP	P	02 53 41.0 0.0
ILULI	Ilulissat	85.03	4	iP	P	02 53 41.0 0.0
GSC	Goldstone, Bar	85.06	53	P	P	02 53 42.8 +0.8
GSC	Goldstone, Bar	85.06	53	eP	P	02 53 42.9 +0.9
GSC	Goldstone, Bar	85.06	53	eP	P	02 53 42.9 +0.9
REDW	Red Top Meadow	85.15	44	eP	P	02 53 43.0 +0.6
SHOC	Shoshone, Teco	85.17	52	P	P	02 53 43.1 +0.8
LOHW	Long Hollow	85.17	44	eP	P	02 53 43.5 +1.0
RLMT	Red Lodge	85.21	42	eP	P	02 53 43.9 +1.3
RLMT	Red Lodge	85.21	42	eP	P	02 53 43.5 +0.9
DUG	Dugway, Tooele	85.48	47	eP	P	02 53 44.7 +0.7
DUG	Dugway, Tooele	85.48	47	eP	P	02 53 44.4 +0.4
DUG	Dugway, Tooele	85.48	47	eP	P	02 53 44.4 +0.4
MURC	Murieta	85.57	55	P	P	02 53 44.7 +0.3
HWUT	Hardware Ranch	85.59	46	eP	P	02 53 45.3 +0.8
HEC	Hector,Ludlow	85.63	53	P	P	02 53 45.5 +0.8
TUQ	Turquoise Moun	85.64	53	P	P	02 53 45.7 +0.9
SHPR	Sheep Range	85.67	52	eP	P	02 53 46.4 +1.4
BR13	Keatin Array S	85.89	312	eP	P	02 53 45.1 -0.8
BRTR	Keatin Array B	85.89	312	eP	P	02 53 44.8 -1.1
BRTR	Keatin Array B	85.89	312	eP	P	02 55 50.7 -0.7
BRTR	Keatin Array B	85.89	312	eP	P	02 55 50.7 -0.7
PFO	Pinyon Flats O	86.11	55	P	P	02 53 47.7 +0.6
PFO	Pinyon Flats O	86.11	55	P	P	02 53 47.7 +0.6
PFO	Pinyon Flats O	86.11	55	P	P	02 53 47.7 +0.6
TPFO	Pinyon Flats O	86.12	55	P	P	02 53 47.7 +0.6
GMRC	Granite Mounta	86.14	53	P	P	02 53 48.1 +1.0
JLU	Jordanella	86.17	47	eP	P	02 53 48.5 +1.1
BELC	Belle Mtn, Jos	86.26	54	P	P	02 53 48.3 +0.5
BW06	Boulder Array	86.27	44	P	P	02 53 47.8 +0.1
PD31	Pinedale Array	86.27	44	eP	P	02 53 48.2 +0.5
PDAR	Pinedale Array	86.27	44	eP	P	02 53 48.2 +0.5
PDAR	Pinedale Array	86.27	44	eP	P	02 55 53.3 -0.1
DGMT	Dagmar	86.27	37	P	P	02 53 47.7 +0.3
ANTO	Ankara	86.38	313	eP	P	02 53 47.7 -0.4
ANTO	Ankara	86.38	313	eP	P	02 53 47.7 -0.4
ANTO	Ankara	86.38	313	eP	P	02 53 47.7 -0.4
BAR	Barrett	86.39	55	eP	P	02 53 49.2 +0.9
LDFC	Landfair	86.39	53	eP	P	02 53 49.4 +1.1
BR231	Keatin MP Arra	86.41	313	eP	P	02 53 47.8 -0.5
MONPZ	Monument Peak	86.48	55	eP	P	02 55 51.1 -2.9
CFR	Carcaiu	86.50	319	iP	P	02 53 47.6 -0.8
MSU	Marysvale	86.75	49	eP	P	02 53 51.5 +1.4
MSU	Marysvale	86.75	49	eP	P	02 53 51.5 +1.4
LCMT	Littl Creek M	86.77	50	eP	P	02 53 51.1 +1.0
BUR08	Bucovina Ar	86.79	322	eP	P	02 53 49.7 -0.2
BURAR	Bucovina Ar	86.80	322	iP	P	02 53 49.7 -0.3
IRM	Iron Mountain	86.81	54	P	P	02 53 51.0 +0.8
IKP	In-Ko-Pah, Jac	86.82	55	P	P	02 53 51.3 +0.9
BC3	Big Chuckawak	86.83	54	P	P	02 53 51.2 +0.8
TLB	Topalu	86.88	319	iP	P	02 53 49.8 -0.4
SWSC	Sam W. Stewart	86.91	55	P	P	02 53 51.6 +1.0
VRI	Vrincioia	86.94	320	iP	P	02 53 49.9 -0.7
KWP	Kalwaria Pacla	86.96	325	eP	P	02 53 50.2 -0.3
KWP	Kalwaria Pacla	86.96	325	eP	P	02 53 50.2 -0.3
MTPU	Mount Pierson	86.98	49	eP	P	02 53 52.8 +1.4
PLOR	Plostina	87.00	320	iP	P	02 53 50.4 -0.4
KNB	Kanab	87.06	50	eP	P	02 53 53.1 +1.6
Y12C	Blythe	87.46	54	P	P	02 53 54.4 +1.3
Y12C	Blythe	87.46	54	P	P	02 53 54.5 +1.3
PDMO	Parker Dam,Lak	87.47	53	P	P	02 53 54.1 +0.9
SRU	San Rafael Swe	87.55	47	eP	P	02 53 54.6 +0.8
SRU	San Rafael Swe	87.55	47	eP	P	02 53 54.6 +0.8
SRU	San Rafael Swe	87.55	47	eP	P	02 53 54.6 +0.8
STHS	Stebnicka Huta	87.85	325	eP	P	02 53 54.5 -0.2
STHS	Stebnicka Huta	87.85	325	eP	P	02 53 54.5 -0.2
FRB	Frobisher Bay	88.00	12	P	P	02 53 54.7 -0.3
CRVS	Cervencia-Dubn	88.05	325	eP	P	02 53 55.6 -0.1
CRVS	Cervencia-Dubn	88.05	325	eP	P	02 53 55.6 -0.1
OJC	Ojcow	88.08	326	eP	P	02 53 55.0 -0.7
OJC	Ojcow	88.08	326	eP	P	02 53 55.0 -0.6
K22A	Casper	88.21	43	P	P	02 53 57.1 +0.4
K22A	Casper					

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Pinnacle, Peninsula, Dusty Glacier, Outpost Mounta, Haines Junctio, Granite Creek, Baldy, Moose Creek, White River, Pleasant Camp, Sand Pete Hill, Whitehorse.

KRSC 30 04:06:15.9,0.8,55.11N,162.99E, h42km, 22km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Mys Kozlova, Znetoberegovo, Krutolaya, Tsrisk, Tumrok, Bezmyannaya, Kamenistaya, Semkarok, Bering, Kirishev, Krestovskiy, Klyuchi, Kopyto, Sorokina, Kozoyrevsk, Esso, Mys Shipunski, Sedlovaya, Koryakskii, Arik, Uglivaya, Avacha, Koryaka, Ganalya, Karymshinskiy, Russkaya, Mutnovka, Asacha.

IDC 30 04:08:26.4,5.0,3.16N,127.10E, h0km, mb3.7/4, mb1.3, 9/4, mb1mx3.5/37, mbtmp3.7/4, Error ellipse: s-maj=127.3km s-min=33.0km az=108.0, Talai Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Fitzroy Crossi, Warramunga Arr, Alice Springs, Stephens Creek.

NIED 30 04:16:00, 37.00N, 143.40E, h5km, Mw3.5 Best double couple: M2.03000, 1014 NP1.22.00000, 821.00000, 1-100.00000 NP2.213.00000, 869.00000, 1-86.00000

ISCJB 30 04:16:56.8, 1.1, 36.96N, 0.04, 143.39E, 0.09, h33km, mb3.7/2, Error ellipse: s-maj=9.9km s-min=6.3km az=175.6

JMA 30 04:16:57.4, 0.2, 37.00N, 143.37E, h48km, M3.5, ISC 30 04:16:58.2, 1.7, 36.99N, 0.05, 143.4E, 0.1, h35km, m13, 0.0560/20, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Kawauchi, Iwakimizuishiy, Ouri, Marumori, Otama, Ichinoseki, Ohasama, Boso 1, Kanyama, Ashikaga, Ryogami san, Kurbb, Warramunga Arr.

NIED 30 04:17:00, 34.00N, 136.50E, h8km, Mw3.5 Best double couple: M1.87000, 1014 NP1.161.00000, 843.00000, 1.72.00000 NP2.2.00000, 849.00000, 1.06.00000

IDC 30 04:17:51.3, 1.0, 34.45N, 138.01E, h354km, 21km, mb2.9/2, mb1.2, 9/5, mb1mx2.7/49, mbtmp3.4/5, Error ellipse: s-maj=61.8km s-min=20.5km az=61.0

ISCJB 30 04:17:57.8, 0.5, 34.01N, 0.04, 136.58E, 0.04, h24km, 6km, Error ellipse: s-maj=6.2km s-min=5.0km az=23.8

JMA 30 04:17:58.3, 34.03N, 136.54E, h16km, 2km, M3.6 Broadband fault plane solution: P waves. NP1: 218.00000, 890.00000, 1.142.00000 NP2: 308.00000, 852.00000, 1.0.00000 Principal axes: T P1g26.00000, Azm166.00000; P P1g26.00000, Azm270.00000

JMA Felt I J1, ISC 30 04:17:56.4, 1.4, 33.95N, 0.05, 136.59E, 0.04, h8km, 11km, n15, r1900/24, 3C-5D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include various station codes and names.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TONANKAI O.B.S., Miekihoku, TONANKAI O.B.S., Ise, TONANKAI O.B.S., TONANKAI O.B.S., Atsumi, Kozaga, Kouya, Heguri, Hachioji jima 2, Matushiro, Matushiro Arr, Karray.

IDC 30 04:25:43.6, 4.5, 16.68S, 177.64W, h0km, mb3.9/4, mb1.4, 1/4, mb1mx3.7/23, mbtmp3.9/4, Error ellipse: s-maj=198.9km s-min=32.5km az=139.0, Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Stephens Creek, Warramunga Arr, Alice Springs, Eismann Array.

IDC 30 04:33:50.7, 4.6, 32.43S, 179.56E, h31km, 43km, mb3.1/3, mb1.3, 4/4, mb1mx3.1/19, mbtmp3.7/4, Error ellipse: s-maj=49.8km s-min=27.7km az=22.0

ISC 30 04:33:55.7, 1.3, 33.03S, 179.5E, 0.2, h372km, n26, c1887/31, mb3.4/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Waiomatatini S, Pakihiroa, Puketiti, Raunkumara Rang, Matawai, Urewera, Ruatahunua, Kokohu, Kopouanui, Kawaka Forest, Black Hill Sta, Kahuranaki, Pukenui, Takapari Road, Birch Farm, Mangatoinoka R, Otagi George, Kapiti Island, Alice Springs, Quartz Range, Topohue, Kahutara, McQueen's Vall, Alice Springs, Warramunga Arr, Lajitas Array, Torndi Arr, Bea.

NEIC 30 04:38:06.7, 16.43N, 95.48W, h22km, MD4.2(MEX), After MEX

MEX 30 04:38:06.7, 1.1, 16.43N, 95.48W, h22km, 30km, MD4.2, ISC 30 04:38:04.3, 0.9, 16.41N, 0.05, 95.53W, 0.04, h62km, 12km, n116, c1948/127, Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Huatulco, Puerto Angel, Oaxaca, Vista Hermosa, Tuzandepetl, Tuzandepetl, Pinotepa, Pinotepa, TLiapa, Comitán, Comitán, Cayaco, El Cayaco, Blanco, Jarrell, Huntington, Moody, Loneta, Richland Sprin, Jacksonville, Lake Whitney, Clairette, Rising Star, Irene McRaven, Blue Ridge, Long Farm, Mag, Richland Creek, Norrel Spur, H, Jarrell.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include Cornudas Mount, Mountain Ranch, Whitesboro, Kaden, Bauxite, Elmer, Wichita Mounta, Quinton, Wetumka, Tedesch, UM Field Stati, Jenks, Meyer Ranch, C, Hulbert, Canehill, Pettigrew, Witts Springs, Tossen Ranch, Cookes Peak, D, Mountainview, Cord, Salina, Gravette, Green Forest, Yellville, Viola, Waco Ranch, Revenden, Stockton, Lebanon, Fort Scott, Bolivar, Jillico Farms, Fulton Ridge, Caledonia, Fenwick Farm, Carbondale, Chumby, Stover, Maddies Statio, Trinidad, Rosebud, Red Bud, Golden Eagle, Great Sand Dun, Great Sand Dun, Meyer Farm, Va, Winchester, Skaggs, Pawnee, Sand Creek, Wi, La Belle, Passleys Farm, Joes South For, Webster, Milan, Oak Wood Farm, Vinton, Gilmore City, Parkersburg, Belmont, Wedel Dairy, R, Soldiers Grove, Logansville, Augusta, Marine on St., Ridgeland, Goodland, Cotton, Jirik Farms, M, Landman Farms, Maddock, Agassiz Nation.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MEX 30 04:44:58.1±1.6, 15.05N:96°27'W, h16km, 106km, MD3.9.

GUC 30 04:50:33.1±0.5, 32°13'S:71°19'W, h9km, 16km, ML3.8
SJA 30 04:50:34.4±2.3, 32°11'S:71°25'W, h8km, 28km, ML3.8, MW3.8

ISC 30 04:50:30.4±2.4, 32°15'S:075°10'W, h5km, 13km, n24, c1564/33, Near coast of central Chile

Main table for GUC, SJA, and ISC stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EI Roble, El Roble, Peldehue, Rinconada Maip, Cerro Calan, Farellones, Antumapu, Uspallata, etc.

GUC 30 04:57:10.6±0.6, 37°01'S:73°44'W, h27km, 4km, ML3.7, 2C-30, Near coast of central Chile

Table for GUC 30 04:57:10.6±0.6, 37°01'S:73°44'W, h27km, 4km, ML3.7. Includes stations like San Pedro de C, Cobquecura, Chillan, Talca, Hualae0.

DDA 30 05:05:41.5, 36°62'N:36°26'E, h7km, Md2.6
ISK 30 05:05:42.1, 36°11'N:36°42'E, h20km, Md2.4

CSEM 30 05:05:42.0±0.3, 36°62'N:36°36'E, h10km, Md2.4, Error ellipse: s-maj=8.9km s-min=5.6km az=126.0

ISC 30 05:05:41.9±1.1, 36°61'N:03°36'35E, h8km, 11km, n21, c040/34, Jordan-Syria region

Main table for DDA, ISK, CSEM, and ISC stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tahtakopru-Hat, Yayladag, Kuzuini, etc.

ISCJB 30 05:21:34.0±1.4, 41°92'N:0°42'46E, h6km, 10km, Error ellipse: s-maj=12.9km s-min=5.5km az=35.8

CSEM 30 05:21:34.2±0.2, 41°90'N:42'48E, h10km, Md2.6, Error ellipse: s-maj=5.9km s-min=2.8km az=131.0

TIF 30 05:21:35.7, 41°92'N:42'66E, h15km, 1km
DDA 30 05:21:39.7, 41°54'N:42'37E, h7km, Md2.6

Table for ISC 30 05:21:34.2±1.5, 41°90'N:0°05'42'51E, h14km, 12km, n12, c030/23, Turkey-Georgia-Armenia border region. Includes stations like Posof, Artvin, Borcka, Agillar, etc.

SJA 30 05:42:01.8±0.4, 22°65'S:65°90'W, h265km, 10km, ML2.7, MW3.4

ISCJB 30 05:42:03.0±0.6, 22°68'S:0°06'66'25W, h0.05, h251km, mb3.8/2, Error ellipse: s-maj=8.7km s-min=6.5km az=24.4

IDC 30 05:42:04.7±2.8, 17°17'S:61°75'W, h0km, mb4.2/2, mb1.4/0.3, mb1mx3.6/1.8, mbtmp4.0/3, ML3.5/1, Error ellipse: s-maj=105.6km s-min=27.2km az=7.0

GUC 30 05:42:04.0±0.6, 22°57'S:66°70'W, h291km, 9km, ML4.1
ISC 30 05:42:01.9±1.1, 22°70'S:0°07'66'19W, h0.06, h251km, n17, c1560/24, 4C, Jujuy Province

Main table for SJA, ISCJB, IDC, GUC, and ISC stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Yavi, Humahuaca, Zapla, Limon Verde, IPOC Station P, etc.

LPAZ 30 05:42:01.9±0.5, 33°8'N:73°44'W, h27km, 4km, ML3.7, 2C-30, Near coast of central Chile

Table for LPAZ 30 05:42:01.9±0.5, 33°8'N:73°44'W, h27km, 4km, ML3.7. Includes stations like La Paz, Torodi Arr, Warramunga Arr, etc.

IDC 30 06:12:41.7±0.7, 21°16'S:174°46'W, h0km, mb4.1/5, mb1.4/5, mb1mx4.4/3.6, mbtmp4.4/1.6, ML3.9/1, MS3.7/3, Ms1.3/6.3, ms1mx3.2/3.1, Error ellipse: s-maj=25.0km s-min=16.9km az=106.0

ISCJB 30 06:12:42.3±1.0, 21°15'S:174°20'W, h0.06, h30km, mb4.5/18, MS3.6/2, Error ellipse: s-maj=23.9km s-min=12.6km az=23.6

NEIC 30 06:12:42.2±0.7, 21°62'S:174°18'W, h10km, mb4.8/1, Error ellipse: s-maj=20.8km s-min=15.6km az=113.0

ISC 30 06:12:46.2±0.6, 21°18'S:0°17'44W, h0.1, h30km, n34, c1505/33, mb4.6/18, Tonga Islands

Main table for LPAZ, IDC, ISCJB, NEIC, and ISC stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Nonsavu, Afiamalu, Rarotonga, Dzumac, Urewera, etc.

Table for GSPA, MJAR, PETK, KSRS, KSAW, MASW, USRK, TXAR, SEY, ILAR, CMAR, AKASA, KIEV, CLL, BRTR, GERS, TORER stations. Columns: Code, Station Name, Az, Phase ID, Time, Res.

ISCJB 30 06:17:20.5±1.0, 51°16'N:0°2'176:42W, h0km, 7km, mb3.9/2, Error ellipse: s-maj=29.8km s-min=5.8km az=170.7

NEIC 30 06:17:21.0±1.1, 51°63'N:176°40'W, h43km, mb3.8/2, ML3.4(AEIC), After AEIC

IDC 30 06:17:34.5±17.0, 51°62'N:172°03'W, h0km, mb3.5/2, mb1.4/0.3, mb1mx3.4/4.4, mbtmp3.5/3, ML3.9/1, Error ellipse: s-maj=322.2km s-min=70.5km az=86.0

ISC 30 06:17:20.9±1.9, 51°16'N:0°2'176:40W, h0.05, h46km, 17km, n26, c074/31, Andreanof Islands

Main table for ETKA, ADAG, GSKC, GSTD, GSMY, KIRH, KIKV, KICM, TAPA, TAFI, TAFP, TAFN, ATKA, KOKL, KOPF, KOKV, KOKY, KOSF, PMR, ILAR, ILAR, DOT, PDAR, TXAR, TXAR stations. Columns: Code, Station Name, Az, Phase ID, Time, Res.

IDC 30 06:20:55.9±1.6, 136°N:126°30E, h0km, 6.6/3, mb1.3/8.3, mb1mx3.4/3.1, mbtmp3.7/3, Error ellipse: s-maj=179.7km s-min=24.8km az=69.0, Northern Molucca Sea

Table for WRA, ASAR, ZALV stations. Columns: Code, Station Name, Az, Phase ID, Time, Res.

ISCJB 30 06:43:32.7±0.3, 67°79'N:0°02'20:19E, h0km, Error ellipse: s-maj=3.1km s-min=2.9km az=20.4

NAO 30 06:43:33.5±1.3, 67°83'N:20°44E, ML2.8

CSEM 30 06:43:33.9±0.2, 67°81'N:20°31E, h2km, ML2.4, Error ellipse: s-maj=4.3km s-min=4.1km az=42.0, Mining explosion.

UPP 30 06:43:33.6±0.0, 67°82'N:20°21E, h0km, ML2.4, Suspected explosion

HEL 30 06:43:34.2±0.1, 67°82'N:20°20E, h0km, ML2.3, ML2.4(UPP), Explosion

IDC 30 06:43:35.2±1.0, 67°75'N:20°68E, h0km, mb1.3/4.4, mb1mx3.1/4.3, mbtmp3.3/4, ML2.8/4, Error ellipse: s-maj=16.0km s-min=8.4km az=106.0

BER 30 06:43:36.3±3.4, 67°82'N:20°10E, h0km, ML2.2, ML2.8(NAO), Suspected explosion

ISC 30 06:43:33.6±0.7, 67°81'N:0°02'20:25E, h0km, n68, c1502/104, Sweden

Main table for KUA, KUR, RATU, NIKU, LANU, MASU, KIF, WRA, HEF, HEF, HEF, ERTU stations. Columns: Code, Station Name, Az, Phase ID, Time, Res.

30d 6h

Table with columns for station name, coordinates, elevation, and various signal quality metrics (SNR, etc.). Includes stations like MYKOM Kota Tinggi, FORT Forrest, and many others.

2011 AUG

Table with columns for station name, coordinates, elevation, and various signal quality metrics. Includes stations like GZH Guangzhou, MSLI Meulaboh, and many others.

1554

Table with columns for station name, coordinates, elevation, and various signal quality metrics. Includes stations like CD2 Chengdu, WJCN Wonju, and many others.

30d 6h

2011 AUG

1558

Table with multiple columns containing station names, call signs, frequencies, and signal strength indicators. Includes stations like KIS, HAMF, MINSK, SORM, SPITS, TIRR, CFR, PSN, VSU, TLB, FIAO, FINES, HARR, KTK1, BJO, KBS, HSPB, NACGM, and many others.

30d 6h

Table with columns for property name, address, price, and status. Includes listings for LOHW Long Hollow, PYM Petit Puy Mans, USHA Ushuaia, etc.

2011 AUG

Table with columns for property name, address, price, and status. Includes listings for ANMO Albuquerque, LPM Los Pinos Moun, BNN Barren Site, etc.

1560

Table with columns for property name, address, price, and status. Includes listings for BGNE Belgrade, PVIS Viseu, PVIS Viseu, etc.

30d 7h

Table with columns: ID, Name, Az, El, SNR, and various status indicators. Rows include stations like 444A Watonville, 403A Rector, 440A Kirbyville, etc.

2011 AUG

Table with columns: ID, Name, Az, El, SNR, and various status indicators. Rows include stations like PKME Peaks-Kenny Pk, H10N1 ASCENSION HYDR88.85, 447A Lucedale, etc.

1562

Table with columns: ID, Name, Az, El, SNR, and various status indicators. Rows include stations like SIV comp=N,35nm,0.9s, FLOC Florencia, HELC Santa Helena, etc.

CSEM 30 07:04:34.5, 34.77N-35.91E, h12km, ML1.0 NSCC 30 07:04:34.5±1.5, 34.77N-35.91E, h12km, 13km, ML1.0

Table with columns: Code, Station Name, Az, El, SNR, and various status indicators. Rows include stations like MARH Ras Al Marh, MARH Ras Al Marh, MARH Ras Al Marh, etc.

ISK 30 07:06:18.9, 36.92N-29.32E, h5km, MD2.8 DDA 30 07:06:19.9, 36.94N-29.29E, h8km, MD2.6

CSEM 30 07:06:20.0±1.1, 36.93N-29.33E, h2km, MD2.8, Error ellipse: s-maj=3.9km s-min=3.0km az=145.0

Table with columns: Code, Station Name, Az, El, SNR, and various status indicators. Rows include stations like GOLH Golhisar, GOLH Golhisar, GOLH Golhisar, etc.

30d 9h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DAWY Dawson, LCMT Little Creek Mt, X16A Lo Mia Camp, U15A North Rim, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ARU Arti, ARU Aru, ARU Aru, ARU Aru, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BFO Black Forest, BFO Black Forest, DAVA Damuels, etc.

ISCJB 30 08:47:33.4 ± 1.3, 389.9N, 0.04:142.41E, 0.10, h26km, 8km, mb3.4/2, Error ellipse: s-maj=12.8km s-min=6.1km az=13.3

JMA 30 08:47:34.3 ± 0.1, 39.02N, 142.37E, h35km, M3.7, JMA Felt J1

ISC 30 08:47:42.9 ± 4.6, 39.08N, 141.67E, h122km, 49km, mb3.0/2, mb1 3.2/4, mb1mx3.0/37, mbtmpr3.3/4, Error ellipse: s-maj=67.2km s-min=26.4km az=110.0

ISC 30 08:47:33.7 ± 2.2, 389.9N, 0.05:142.42E, 0.10, h25km, 14km, n22, r1932/24, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OFUJ Ofunato, MIYJ Miyakonagasawa, etc.

JMA 30 08:49:39.7 ± 0.1, 39.76N, 143.65E, h25km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JTH Tanohata, MIYJ Miyakonagasawa, etc.

ISC 30 08:59:19.6 ± 1.7, 3.06S, 127.48E, h0km, mb3.8/3, mb1 4.0/5, mb1mx3.0/48, Error ellipse: s-maj=103.3km s-min=24.2km az=68.0, Seram

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, etc.

2011 AUG

Table with columns: WRA, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, Alice Springs, etc.

ISCJB 30 09:01:01.1 ± 0.7, 23.4N, 0.1:93.61E, 0.08, h100km, mb3.6/5, Error ellipse: s-maj=17.7km s-min=5.4km az=29.6

ISC 30 09:01:02.5 ± 3.9, 23.51N, 94.24E, h89km, 32km, mb3.4/5, mb1 3.6/6, mb1mx3.2/63, mbtmpr3.7/6, Error ellipse: s-maj=53.4km s-min=16.8km az=67.0

ISC 30 09:01:01.1 ± 0.8, 23.22N, 0.0:93.71E, 0.1, h100km, n19, r163/34, mb3.5/5, Myanmar-India border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SHL Shilling, ODAN Odare, TAPN Tapejlung, etc.

NIED 30 09:06:00, 39.80N, 143.60E, h20km, Mw4.6 Best double couple: M=8.69000e+1015 NP1=186.00000e+3, 4.00000e+166.00000e+34.00000e+559.00000e+105.00000e+0

ISC 30 09:06:59.4 ± 0.6, 39.67N, 143.38E, h0km, mb4.4/26, mb1 4.5/32, mb1mx4.4/55, mbtmpr4.4/32, ML3.8/6, MS4.1/2, MS1.4/1.2, ms1mx3.4/55, Error ellipse: s-maj=15.0km s-min=12.0km az=114.0

JMA 30 09:07:59.0 ± 0.2, 39.78N, 143.59E, h21km, 5km, M4.5, JMA Felt J1

ISCJB 30 09:07:02.1 ± 0.8, 39.73N, 0.03:143.37E, 0.03, h24km, 5km, mb4.6/106, MS4.3/7, Error ellipse: s-maj=4.5km s-min=3.3km az=147.5

BUI 30 09:07:03.3, 39.68N, 143.24E, h34km, mb4.8/53, MB5.1/27, MS4.5/30, MS7.4/4/30

MOS 30 09:07:04.1 ± 1.1, 39.77N, 143.29E, h39km, mb4.8/45, Error ellipse: s-maj=9.1km s-min=5.5km az=92.6

NEIC 30 09:07:05.0 ± 1.5, 39.75N, 143.32E, h31km, 11km, mb4.7/64, Error ellipse: s-maj=6.1km s-min=4.2km az=134.0

NEIC 30 09:07:03.0 ± 0.8, 39.71N, 0.04:143.43E, 0.04, h25km, 5km, n260, r1936/284, mb4.7/107, MS4.3/7, 17C-5D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JTH Tanohata, MIYJ Miyakonagasawa, etc.

1564

Table with columns: YSS, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Yuzh-Sakhalins, Ussuriysk Arr, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like WMQ, ZAA1, ZALV, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like K05A, WWOR, ZEI, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like VYHS, CLL, GOPC, etc.

30d 9h

Table of astronomical observations for 30 days and 9 hours, listing station names (e.g., PMG, BKZ, MTSU), object names (e.g., Port Moresby, Black Stump Fm), coordinates, and other parameters.

2011 AUG

Table of astronomical observations for August 2011, listing station names (e.g., GYA, YGA, GYA), object names (e.g., Sadao Pong, Kul dur), coordinates, and other parameters.

1566

Table of astronomical observations for 1566, listing station names (e.g., WMQ, WMQ, WMQ), object names (e.g., Urumqi, ARCESS Array B), coordinates, and other parameters.

30d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SONM, SONG, SONM, etc.

2011 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like SNA, SLBS, D05A, etc.

1568

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMBO, FIAO, FINESS, etc.

Additional text at the bottom right of the page, including station identifiers and coordinates like BJI 30 09:19:51.8, 42:21N:142:44E, h92km, mb4.7/21, mB5.0/13.

30d 9h

Table with columns: Call Sign, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like CTAO Charters Tower, HIZ Hauliti, and various other local and regional stations.

2011 AUG

Table with columns: Call Sign, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like YSS Yuzh-Sakhalins, UBPT Khong Chiam, and various international and regional stations.

1570

Table with columns: Call Sign, Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ISA Isabella, Lake, BFSC Mount Baldy Ra, and various international and regional stations.

30d 11h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WMQ Urumqi, SONM Songino Array, KSH Kashi, etc.

TAP 30 10:40:35.9,24:30N:121:33E, h11km, 1km, ML2.2, 1D, B,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like TWT Tachien, NNS Nan Shan, WHF Hehuan Shan, etc.

DDA 30 10:40:53.5, 39°12'N:28°97'E, h7km, MD2.6

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SIMA Simav-Kutahya, DEMI Demirci, TVSB Tavsanli, etc.

ISCJB 30 10:49:39.6, 0.8, 23°42'N:101°33'E, h100km, mb3.7/3, Error ellipse: s-maj=20.6km s-min=6.3km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SHL Shillong, CMAR Chiang Mai Arr, ODAN Odare, etc.

ISCJB 30 11:29:52.8, 0.5, 38°37'N:102°30'E, h7km, 5km, Error ellipse: s-maj=4.8km s-min=4.1km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MMIG Aquila, R15V R15V, EZSV Zihuatanejo, etc.

2011 AUG

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PKIN Daman, DMN Gorkha, KOLN Koldanda, etc.

ISCJB 30 11:07:32.1, 0.8, 28°6'N:101°13'E, h50km, mb3.3/7, Error ellipse: s-maj=23.8km s-min=15.0km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JNU Nakatsue, KRSR Korea Array, USRK Zalesovo Beam, etc.

MEX 30 11:12:42.2, 0.4, 15°73'N:94°28'W, h62km, 21km, MD3.9,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HUIG Huatulco, VHO Vista Hermosa, PNIG Pinotepa, etc.

SOME 30 11:17:39.4, 45°07'N:72°62'E, h15km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MRKS Merke, KK31 Karatay Array, MNAS Manas, etc.

ISC 30 11:23:45.3, 1.7, 8°20'S:148°98'E, h0km, mb3.5/3,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, CTA Charters Tower, WRA Warramunga Arr, etc.

MEX 30 11:24:02.9, 0.3, 18°12'N:103°28'W, h13km, 2km, MD3.7,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CAW Cannon Point, KHEZ Khezar, BFZ Birch Farm, etc.

ISCJB 30 11:29:52.8, 0.5, 38°37'N:102°30'E, h7km, 5km, Error ellipse: s-maj=4.8km s-min=4.1km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BOLV Bolvadin, BOLV Bolvadin, SHUT Suhut-Afyon, etc.

1572

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SHUT Egridir - ISPA, BAGO Egridir - ISPA, ISP Isparta, etc.

ISC 30 11:36:49.4, 0.6, 49°63'S:161°35'E, h0km, mb4.7/9,

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PYZ Puysegur Point, MCQ Macquarie Island, APZ The Paps, etc.

ISC 30 11:36:51.3, 0.3, 49°71'S:161°42'E, h0km, mb5.0/24, Error ellipse: s-maj=8.0km s-min=5.6km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MCQ Macquarie Island, APZ The Paps, DCZ Deep Cove, etc.

ISC 30 11:36:51.3, 0.3, 49°71'S:161°42'E, h0km, mb5.0/24, Error ellipse: s-maj=8.0km s-min=5.6km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MCQ Macquarie Island, APZ The Paps, DCZ Deep Cove, etc.

ISC 30 11:36:51.3, 0.3, 49°71'S:161°42'E, h0km, mb5.0/24, Error ellipse: s-maj=8.0km s-min=5.6km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MCQ Macquarie Island, APZ The Paps, DCZ Deep Cove, etc.

ISC 30 11:36:51.3, 0.3, 49°71'S:161°42'E, h0km, mb5.0/24, Error ellipse: s-maj=8.0km s-min=5.6km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like CAW Cannon Point, KHEZ Khezar, BFZ Birch Farm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OFLU Ichinoseki, JMK Okura, JMM Marumori, etc.

ADC 30 12:50:46.9, 0.3, 34.65N, 141.93E, h0km, mb3.6/8, mb1.3/7.12, mb1mx3.6/46, mbmt3.6/12, ML3.3/4, Error ellipse: s-maj=20.8km s-min=19.1km az=66.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO2 Boso 2, BSO3 Boso 3, etc.

ADC 30 12:59:47.2, 1.1, 0.79N, 124.70E, h0km, mb3.9/5, mb1.4/0.7, mb1mx3.7/41, mbmt3.9/7, ML3.9/2, Error ellipse: s-maj=52.3km s-min=17.7km az=71.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMSI Cibinong, GTOI Gorontalo, LUWI Luwuk, etc.

NIED 30 13:07:00, 40.20N, 142.40E, h41km, Mw3.7 Best double couple: M0.4, 36000, 1014 NP1.9, 228, 00000, 813, 00000, 1, 120, 00000, NP2.6, 17, 00000, 879, 00000, 7, 83, 00000

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTH Tanohata, JANG Nango, MIYJ Miyakonagasawa, etc.

ADC 30 12:50:48.0, 6.0, 34.63N, 142.01E, h41km, M3.4, ISC 30 12:50:50.0, 0.9, 34.63N, 142.01E, h1.91E, 0.08, h21km, n26, c1991/26, mb3.6/8, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, ASAK Asacha, ASAK Mutnovka, etc.

ADC 30 13:17:27.0, 5.0, 50.54N, 157.74E, h33km, mb4.6/2, ISC 30 13:17:26.1, 0.1, 50.71N, 157.07E, 0.10, h120km, g8km, n50, c145/63, mb3.4/4, 1D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DALK Dalny, DALK Dalny, UGLR Uglovaya, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H1N3 WAKE ISLAND Hy 31.89 162, H1N1 WAKE ISLAND Hy 31.89 162, etc.

BUI 30 13:21:45.3, 34.32N, 70.26E, h110km, mb4.6/13, mB5.0/11 NEIC 30 13:22:12.7, 2.3, 36.32N, 70.89E, h174km, 18km, mb4.6/12, Error ellipse: s-maj=21.2km s-min=13.3km az=194.0

ADC 30 13:22:13.7, 2.6, 36.32N, 70.82E, h184km, 23km, mb3.6/12, mb1.3/7.16, mb1mx3.4/55, mbmt3.4/216, MS3.9/2, M1.3/9.2, ms1mx2.9/40, Error ellipse: s-maj=17.7km s-min=15.4km az=12.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CEP Cherat, CHC Chirah Chowk, THW Thamme Wali, etc.

ADC 30 13:22:15.1, 0.5, 36.54N, 100.92E, 0.06, h188km, n51, c1860/54, mb4.0/16, 3C, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MNAS Manas, KK31 Karatay Arra, KK31 Karatay Arra, etc.

ADC 30 13:22:15.1, 0.5, 36.54N, 100.92E, 0.06, h188km, n51, c1860/54, mb4.0/16, 3C, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MK01 Makanchi, KOLN Koldana, GKN Gorkha, etc.

30d 13h

LVP	Lakeview Peak	67.30	49	P	P	13 55 15.1 +1.6
NLW	Nelson Butte	67.36	46	P	P	13 55 15.2 +1.4
F04A	Amboy	67.36	49	eP	P	13 55 15.0 +1.3
ETW	Entiat	67.63	46	P	P	13 55 16.8 +1.3
TBM	Table Mountain	67.72	47	P	P	13 55 17.4 +1.4
B08A	Colville Reser	67.76	45	eP	P	13 55 17.1 +0.9
NAC	Naches	68.04	47	P	P	13 55 18.4 +1.7
EDM	Edmonton	68.64	39	eP	Pmax	13 55 18.7 +0.8
EDM	Edmonton	68.04	39	eP	P	13 55 18.7 +0.8
I03D	Drain, OR	68.05	51	P	P	13 55 20.2 +2.2
VSU	Vasula	68.20	329c	iP	Pmax	13 55 18.7 0.0
G05D	Wamic, OR	68.39	49	P	P	13 55 21.7 +1.6
SUMG	Summit	68.47	360	iP	P	13 55 16.5 -4.2
SUMG	Summit	68.47	360	iP	P	13 55 16.5 -4.2
SUMG	Summit	68.47	360	eP	P	13 55 21.3 +0.7
E07A	Sunnyside	68.49	47	eP	P	13 55 20.9 +0.2
I04A	Tendick Farm,	68.56	51	P	P	13 55 22.7 +1.5
D08A	Wollman Farm	68.73	46	eP	P	13 55 23.1 +0.9
L02D	Cave Junction,	68.75	53	P	P	13 55 24.4 +2.0
HAWA	Hanford	68.77	47	eP	P	13 55 24.1 +1.7
ZEI	Tsey	68.88	308	eP	P	13 55 22.0 -1.4
I05D	Terrebonne, OR	68.89	50	P	P	13 55 24.8 +1.5
HUMO	Hull Mountain	68.89	52	eP	P	13 55 24.8 +1.4
KIV	Kislovodsk	68.95	310	iP	P	13 55 24.6 +0.8
KIV	Kislovodsk	68.95	310	eP	P	13 55 24.3 +0.6
KIV	Kislovodsk	68.95	310	eP	P	13 55 24.3 +0.6
KIV	Kislovodsk	68.95	310	eP	P	13 55 24.3 +0.6
KBZ	Khabaz	68.95	310	P	P	13 55 24.6 +1.0
KBZ	Khabaz	68.95	310	P	P	13 55 24.6 +1.0
NEW	Newport	69.02	44	eP	P	13 55 25.2 +1.1
NEW	Newport	69.02	44	eP	Pmax	13 55 25.0 +0.9
NEW	Newport	69.02	44	eP	P	13 55 25.0 +0.9
J04D	Umpqua National	69.05	51	P	P	13 55 26.3 +1.8
KHMM	Horse Mountain	69.39	54	eP	P	13 55 28.5 +2.0
E09A	Wood Farm, Sta	69.48	46	eP	P	13 55 28.1 +1.3
J05D	Fort Rock, OR	69.55	50	P	P	13 55 29.4 +1.9
K04D	Chiloquin, OR	69.61	51	P	P	13 55 29.6 +1.7
M02C	Callahan	69.64	53	P	P	13 55 30.2 +2.2
WSAR	Wadi Sarin	69.65	284	P	P	13 55 28.6 +0.4
GNI	Garni	69.85	306j	eP	Pmax	13 55 30.3 +0.9
GNI	Garni	69.85	306j	eP	Pmax	13 55 30.3 +0.9
BANOM	Banah	69.87	287	P	P	13 55 30.1 +0.5
N02D	Trinity Center	69.87	53	P	P	13 55 32.0 +2.0
M04C	Macdoel	70.00	52	P	P	13 55 32.3 +1.7
K05A	Summer Lake	70.08	51	eP	P	13 55 32.9 +1.7
ARMA	Armidale	70.08	170	eP	P	13 55 30.9 +0.3
WALA	Waterton Lakes	70.26	42	eP	P	13 55 32.7 +1.0
WDC	Whiskeytown Da	70.30	53	eP	Pmax	13 55 33.5 +1.6
WDC	Whiskeytown Da	70.30	53	eP	P	13 55 33.5 +1.6
F10A	Beach Ranch, E	70.31	46	eP	P	13 55 33.0 +1.0
UOSS	Minazif	70.50	287	eP	P	13 55 33.4 0.0
BSMT	Bassoon Creek	70.53	44	eP	P	13 55 34.7 +1.2
HATD	Hatta, Dubai	70.62	287	iP	P	13 55 34.6 +0.4
FORT	Forrest	70.63	191	eP	P	13 55 33.5 -0.4
BLMT	Blacktail Moun	70.66	43	eP	P	13 55 35.3 +1.0
ASHO	Ashiyah	70.76	282	iP	P	13 55 35.3 +0.2
STKA	Stevens Creek	70.77	179	P	P	13 55 34.5 -0.2
STKA	Stevens Creek	70.77	179	eP	Pmax	13 55 34.3 -0.4
STKA	Stevens Creek	70.77	179	eP	Pmax	13 55 34.3 -0.4
STKA	Stevens Creek	70.77	179	eP	P	13 55 34.3 -0.4
JTMT	Jette	70.86	44	eP	P	13 55 36.7 +1.3
NAZ	Nazwa, Dubai	70.88	287	P	P	13 55 35.5 -0.2
MOD	Modoc Plateau	70.91	51	eP	P	13 55 37.0 +1.2
O03D	Paynes Creek	70.92	53	P	P	13 55 36.8 +0.9
BMO	Blue Mountains	70.93	47	eP	Pmax	13 55 37.0 +1.2
BMO	Blue Mountains	70.93	47	eP	P	13 55 37.0 +1.2
YBMT	Yellow Bay	70.94	43	eP	P	13 55 37.0 +1.1
FAQ	Al Faqa, Dubai	71.07	287	P	P	13 55 36.7 -0.1
SRWT	Swartz Lake	71.16	44	eP	P	13 55 38.2 +1.0
ORV	Oroville	71.54	54	eP	Pmax	13 55 40.1 +0.6
ORV	Oroville	71.54	54	eP	P	13 55 40.1 +0.6
SLMT	Seelye Lake	71.60	44	eP	P	13 55 40.6 +0.7
WVOR	Wild Horse Val	71.60	50	P	Pmax	13 55 40.6 +0.7
WVOR	Wild Horse Val	71.60	50	P	P	13 55 40.6 +0.7
MSO	Missoula	71.61	44	eP	P	13 55 40.7 +0.8
MSO	Missoula	71.61	44	eP	P	13 55 40.8 +0.8
NC405	NORSAR Array S	71.67	337	eP	P	13 55 40.0 +0.1
NC303	NORSAR Array S	71.69	337	eP	P	13 55 40.1 +0.2
NC204	NORSAR Array S	71.84	337	eP	P	13 55 40.6 +0.3
NB201	NORSAR Array S	71.85	337	eP	P	13 55 41.1 +0.2
NB2	NORSAR Subarra	71.88	337	P	P	13 55 41.3 +0.1
NB2	NORSAR Subarra	71.88	337	P	P	13 55 41.3 +0.1
NOA	NORSAR Array B	71.88	337	P	P	13 55 41.5 +0.3
NOA	NORSAR Array B	71.88	337	P	LR	14 31 07.6
CHMT	Chamberlain Mo	71.93	44	eP	P	13 55 42.0 +0.1
NB002	NORSAR Array S	71.98	337	eP	P	13 55 41.8 +0.1
NB000	NORSAR Array S	72.02	337	eP	P	13 55 42.3 +0.4
AKASG	Malin Array Be	72.13	322	P	P	13 55 42.8 0.0
AKBB	Malin Array Si	72.13	322	eP	Pmax	13 55 42.3 -0.4
AKBB	Malin Array Si	72.13	322	eP	P	13 55 42.3 -0.4
KIEV	Kiev	72.14	322	eP	Pmax	13 55 42.6 -0.2

2011 AUG

KIEV	Kiev	72.14	322	eP	P	13 55 42.6 -0.2
AK11	Malin Array Si	72.17	322	eP	P	13 55 42.6 -0.4
FFC	Flin Flon	72.22	33	eP	Pmax	13 55 43.4 +0.2
FFC	Flin Flon	72.22	33	eP	P	13 55 43.4 +0.2
MFID	Camas Ranch	72.65	48	eP	P	13 55 46.9 +0.8
PAHR	Pah Rah Range	72.77	53	eP	P	13 55 48.4 +1.4
HRY	Holler Researc	72.82	43	eP	P	13 55 48.1 +1.0
LRM	Limekiln Ridge	73.04	44	eP	P	13 55 49.6 +1.0
EGMT	Eagleton	73.06	41	eP	P	13 55 49.4 +1.0
CMB	Columbia Colle	73.14	55	eP	Pmax	13 55 50.1 +1.0
CMB	Columbia Colle	73.14	55	eP	P	13 55 50.1 +1.0
DLMT	Dillon	73.25	45	eP	P	13 55 50.8 +1.1
YERR	Yerington	73.29	53	eP	P	13 55 51.2 +1.1
LCCM	Lewis and Clair	73.34	44	eP	P	13 55 51.5 +1.2
HLID	Hailey	73.37	47	eP	P	13 55 51.8 +1.4
HLID	Hailey	73.37	47	eP	P	13 55 51.9 +1.5
MCMT	McMurry Canyo	73.45	45	eP	P	13 55 51.5 +0.5
KONO	Kongsberg	73.47	336f	eP	Pmax	13 55 51.1 +0.6
KONO	Kongsberg	73.47	336f	eP	Pmax	13 55 51.1 +0.6
BOZ	Bozeman (W)	73.63	44	P	P	13 55 53.0 +1.1
BOZ	Bozeman (W)	73.63	44	eP	Pmax	13 55 53.1 +1.2
BOZ	Bozeman (W)	73.63	44	eP	P	13 55 53.1 +1.2
BMN	Battle Mountain	73.65	51	eP	P	13 55 53.0 +0.9
BMN	Battle Mountain	73.65	51	eP	Pmax	13 55 53.0 +0.9
BMN	Battle Mountain	73.65	51	eP	P	13 55 53.0 +0.9
BMN	Battle Mountain	73.65	51	eP	P	13 55 53.0 +0.9
TVH2	Borealis Mnt	73.96	53	eP	P	13 55 55.5 +1.4
MARD	Mardin	74.02	305	eP	P	13 55 55.1 +0.9
QLMT	Earthquake Lak	74.23	45	eP	P	13 55 57.0 +1.5
SORM	Soroqa	74.25	320j	iP	P	13 55 55.2 0.0
MLAC	Mammoth, Mammo	74.37	54	P	P	13 55 58.4 +2.0
YHB	Horse Butte	74.41	45	eP	P	13 55 58.1 +1.6
GCMT	Greycliff	74.56	43	eP	P	13 55 58.4 +1.1
YHH	Holmes Hill	74.57	44	eP	P	13 55 58.8 +1.2
YMR	Yosemite River	74.59	45	eP	P	13 55 59.0 +1.5
CAN	Canberra	74.61	173	eP	Pmax	13 55 57.6 +0.3
CAN	Canberra	74.61	173	eP	Pmax	13 55 57.6 +0.3
PAGB	Antelope Grade	74.62	56	eP	P	13 55 59.2 +1.5
MCID	Moose Creek	74.78	45	eP	P	13 56 01.0 +2.3
MALT	Malatya	74.88	307j	iP	P	13 56 00.6 +1.3
RCTC	Rector, Farmer	74.92	55	P	P	13 56 03.0 +3.7
YPP	Pitchstone Pla	74.93	45	eP	P	13 56 01.8 +2.1
LKWY	Lakeview	74.96	44	eP	Pmax	13 56 02.5 +2.7
LKWY	Lakeview	74.96	44	eP	Pmax	13 56 02.5 +2.7
LKWY	Lakeview	74.96	44	eP	P	13 56 02.5 +2.7
H17A	Grant Village	74.98	45	P	P	13 56 03.0 +3.2
H17A	Grant Village	74.98	45	eP	P	13 56 02.8 +2.9
NWAO	Narrogin (SRO)	75.00	200	eP	Pmax	13 55 59.2 -0.3
NWAO	Narrogin (SRO)	75.00	200	eP	Pmax	13 55 59.2 -0.3
SMCM	Simmler	75.03	57	P	P	13 56 02.9 +2.8
TIN	Tinemaha, Big	75.10	54	P	P	13 56 02.3 +1.8
IMW	Indian Meadow	75.10	45	eP	P	13 56 02.5 +1.8
FLWY	Flagg Ranch	75.11	45	eP	P	13 56 02.7 +2.1
LVV	Low Valley	75.19	323	eP	P	13 56 01.6 +1.0
RLMT	Red Lodge	75.21	43	P	P	13 56 02.5 +1.4
RLMT	Red Lodge	75.21	43	eP	P	13 56 02.7 +1.6
FWXY	Fox Creek	75.22	45	eP	P	13 56 02.9 +1.7
YES	Vestal, Richgr	75.30	56	P	P	13 56 02.2 +0.7
MOOW	Moose Ponds	75.30	45	eP	P	13 56 03.4 +1.7
TPAW	Teton Pass	75.36	46	eP	P	13 56 03.8 +1.7
PKM	McPherson Peak	75.41	57	P	P	13 56 04.0 +1.6
HVU	Hansel Valley	75.43	48	eP	Pmax	13 56 03.8 +1.4
HVU	Hansel Valley	75.43	48	eP	P	13 56 03.8 +1.4
LOHW	Long Hollow	75.47	45	eP	P	13 56 04.3 +1.7
SNOW	Snow King Moun	75.48	45	eP	P	13 56 04.5 +1.7
REDW	Red Top Meadow	75.50	46	eP	P	13 56 04.5 +1.7
DGMT	Dagmar	75.53	38	P	P	13 56 03.4 +0.7
DGMT	Dagmar	75.53	38	eP	P	13 56 03.5 +0.8
CWC	Cottonwood Cre	75.57	55	P	P	13 56 04.6 +1.3
GRAC	Grapevine Rang	75				

30d 13h

O36A	Bolckow	86.13	39	P	P	13 56 59.4 +0.5
R34A	Isabella, Hill	86.37	42	P	P	13 57 00.6 +0.4
K41A	Shullsburg	86.38	35	P	P	13 57 00.2 0.0
L40A	Anamosa	86.40	36	P	P	13 57 00.2 -0.1
P36A	Good Intent, A	86.41	40	P	P	13 57 00.6 +0.3
M39A	Webster	86.42	37	P	P	13 57 00.7 +0.3
N38A	Joos South For	86.46	38	P	P	13 57 00.9 +0.3
AMTX	Amarillo	86.49	47	P	P	13 57 01.8 +0.9
AMTX	Amarillo	86.49	47	eP	P	13 57 01.8 +0.9
O37A	Wolfen Farm, M	86.51	39	P	P	13 57 01.4 +0.6
MSTX	Muleshoe	86.52	48	P	P	13 57 01.6 +0.4
MSTX	Muleshoe	86.52	48	eP	P	13 57 01.4 +0.2
Q35A	Mercer Eighty,	86.57	41	P	P	13 57 01.3 +0.1
MNTX	Cornudas Mount	86.59	51	P	P	13 57 02.3 +0.9
MNTX	Cornudas Mount	86.59	51	eP	P	13 57 02.2 +0.9
VLDQ	Val d'Or	86.70	24	eP	P	13 57 00.5 -1.0
L41A	Preston	86.72	35	P	P	13 57 01.7 -0.1
N39A	Derby Farms, D	86.74	37	P	P	13 57 02.4 +0.4
Q36A	Arnold C. Orve	86.78	40	P	P	13 57 02.4 +0.2
P37A	Lathrop	86.85	39	P	P	13 57 02.5 0.0
O38A	Galt	86.87	38	P	P	13 57 03.0 +0.4
U32A	Winter Ranch,	86.88	44	P	P	13 57 03.5 +0.8
R35A	Emporia Municipi	86.89	41	P	P	13 57 03.5 +0.8
S34A	Willow Spring	86.89	42	eP	P	13 57 03.2 +0.4
OXZ	Oxford	87.00	158	eP	P	13 57 02.6 -0.1
O39A	Kirkville	87.21	38	P	P	13 57 04.5 +0.3
P38A	Dawn	87.22	39	P	P	13 57 04.9 +0.6
R36A	Gordon, Harris	87.25	41	P	P	13 57 04.8 +0.4
M41A	Milan	87.26	36	P	P	13 57 04.6 +0.2
U33A	Lingo Farm, Me	87.31	44	P	P	13 57 05.5 +0.7
S35A	Otter Creek Ra	87.32	42	P	P	13 57 05.6 +0.8
V32A	Arapaho	87.34	45	P	P	13 57 06.2 +1.2
T34A	McClaskey Farm	87.36	43	P	P	13 57 05.4 +0.4
LBZ	Lake Benmore	87.44	159	eP	P	13 57 05.5 +0.6
M42A	Sheffield	87.55	35	P	P	13 57 05.9 +0.1
R37A	Teagarden Farm	87.60	40	P	P	13 57 06.1 0.0
U34A	Anderson Ranch	87.62	43	P	P	13 57 07.1 +0.9
U34A	Anderson Ranch	87.62	43	eP	P	13 57 07.0 +0.7
O40A	La Belle	87.63	37	P	P	13 57 06.5 +0.3
N41A	Harden Midland	87.64	36	P	P	13 57 06.6 +0.4
S36A	Lake Cedric, C	87.66	41	P	P	13 57 06.8 +0.4
W32A	Sentinel	87.67	45	P	P	13 57 07.4 +0.9
V33A	Lossen Ranch,	87.68	44	P	P	13 57 07.1 +0.6
Q38A	Cooks Store, C	87.70	39	P	P	13 57 06.7 +0.2
T35A	Sooner Cattle	87.80	42	P	P	13 57 07.7 +0.7
N42A	Yates City	87.92	36	P	P	13 57 07.8 +0.3
P40A	Paris	88.01	38	P	P	13 57 08.7 +0.6
T36A	Boggs Farm, Ca	88.02	42	P	P	13 57 08.7 +0.6
S37A	Fort Scott	88.02	41	P	P	13 57 08.4 +0.3
V34A	Guthrie	88.08	44	eP	P	13 57 09.4 +0.9
V34A	Guthrie	88.08	44	eP	P	13 57 09.2 +0.7
U35A	Pawnee	88.09	43	P	P	13 57 09.3 +0.8
O41A	Passleys Farm,	88.10	37	P	P	13 57 08.7 +0.3
R38A	Fenwick Farm,	88.16	40	P	P	13 57 08.2 -0.5
X32A	Elmer	88.17	46	P	P	13 57 09.6 +0.7
WMOK	Wichita Mounta	88.21	45	P	P	13 57 09.6 +0.5
WMOK	Wichita Mounta	88.21	45	eP	P	13 57 09.3 +0.2
WMOK	Wichita Mounta	88.21	45	eP	P	13 57 09.3 +0.2
WMOK	Wichita Mounta	88.21	45	eP	P	13 57 09.3 +0.2
P41A	Barry, Barry	88.37	37	P	P	13 57 10.3 +0.6
W34A	Bridge Creek,	88.39	44	P	P	13 57 10.9 +1.0
O42A	Bath	88.41	36	P	P	13 57 10.2 +0.3
Q40A	Laux Farm, Aux	88.42	38	P	P	13 57 10.4 +0.4
T37A	Cheneyville 18	88.46	41	P	P	13 57 10.6 +0.4
HDIL	Hopedale	88.48	36	P	P	13 57 10.8 +0.5
HDIL	Hopedale	88.48	36	eP	P	13 57 10.9 +0.7
R39A	Chumby, Stover	88.49	39	P	P	13 57 10.5 +0.2
V35A	Meyer Ranch, C	88.50	43	P	P	13 57 10.9 +0.5
S38A	Stockton	88.58	40	P	P	13 57 10.5 -0.3
U36A	Oologah	88.60	42	P	P	13 57 11.6 +0.8
O43A	Sugar Creek Fa	88.69	36	P	P	13 57 11.7 +0.6
P42A	Winchester	88.77	37	P	P	13 57 12.0 +0.3
S39A	Bolivar	88.83	40	P	P	13 57 11.7 -0.2
X33A	Smith Ranch, M	88.83	45	P	P	13 57 13.1 +1.1
Y33A	Hiltop Ranch,	88.84	46	P	P	13 57 12.5 +0.5
T38A	Diamond	88.85	41	P	P	13 57 12.2 +0.2
Q41A	Truxton	88.86	38	P	P	13 57 12.7 +0.7
R40A	Maddies Statio	88.88	39	P	P	13 57 12.4 +0.3
TUL1	Leonard	88.94	43	P	P	13 57 13.1 +0.6
TUL1	Leonard	88.94	43	eP	P	13 57 12.9 +0.5
W35A	Tecumseh	88.94	44	P	P	13 57 13.1 +0.6
V36A	Jenks	88.95	43	P	P	13 57 13.3 +0.7
P43A	Skaggs, Pawnee	89.11	36	P	P	13 57 13.5 +0.4
Q42A	Golden Eagle	89.22	37	P	P	13 57 14.3 +0.6

2011 AUG

U38A	Gravette	89.26	41	P	P	13 57 14.3 +0.3
TRQ	Mont Tremblant	89.29	24	eP	P	13 57 14.1 +0.2
ABTX	Abielene, Hawle	89.29	47	P	P	13 57 15.1 +0.9
ABTX	Abielene, Hawle	89.29	47	eP	P	13 57 14.2 0.0
W36A	Wetumka	89.29	43	P	P	13 57 14.7 +0.6
V37A	Hurt	89.30	42	P	P	13 57 14.6 +0.4
Z33A	Whitaker Ranch	89.30	46	P	P	13 57 14.7 +0.5
TX31	Lajitas Ar. Si	89.30	52	eP	P	13 57 15.1 +0.7
TXAR	Lajitas Array	89.30	52	P	P	13 57 15.2 +0.8
TXAR	comp=Z,9.4nm,0.7s,baz=298,slow=3.2,SNR=126					14 14 48.9 +0.7
R41A	Rosebud	89.31	38	P	P	13 57 14.5 +0.4
S40A	Lebanon	89.31	39	P	P	13 57 14.2 +0.1
T39A	Cleaveland	89.32	40	P	P	13 57 14.4 +0.2
Y34A	Reagan Ranch,	89.36	45	P	P	13 57 14.7 +0.2
X35A	Drake	89.45	44	P	P	13 57 15.2 +0.2
PLVO	Plevna	89.52	26	eP	P	13 57 15.1 0.0
Q43A	New Douglas	89.59	37	P	P	13 57 15.7 +0.3
R42A	Luebbering	89.60	38	P	P	13 57 15.9 +0.4
SFIN	Lafayette	89.60	34	P	P	13 57 15.8 +0.4
SFIN	Lafayette	89.60	34	eP	P	13 57 15.8 +0.4
HHAR	Hobbs	89.61	41	eP	P	13 57 15.6 0.0
T40A	Mansfield	89.65	40	P	P	13 57 15.7 -0.1
X36A	Centrahoma	89.66	44	P	P	13 57 16.6 +0.7
P44A	Sand Creek, Wi	89.66	36	P	P	13 57 16.3 +0.3
S41A	Jillc Farms,	89.69	39	P	P	13 57 15.9 0.0
V38A	Canehill	89.69	42	P	P	13 57 16.3 +0.3
Z34A	Collier Ranch,	89.71	45	P	P	13 57 16.6 +0.4
W37B	Quinton	89.72	43	P	P	13 57 16.9 +0.8
HPIC	Horton Ranch	89.72	47	P	P	13 57 16.7 +0.6
HPIC	Horton Ranch	89.75	55	eP	P	13 57 17.1 +0.4
U39A	Green Forest	89.77	41	P	P	13 57 16.5 +0.1
Y35A	Marietta	89.79	45	P	P	13 57 16.7 +0.2
Q44A	Meyer Farm, Va	89.94	36	P	P	13 57 17.2 +0.1
S42A	Caledonia	90.00	38	P	P	13 57 17.8 +0.4
R43A	Red Bud	90.01	37	P	P	13 57 17.6 +0.2
U40A	Yellville	90.11	40	P	P	13 57 18.1 +0.2
V39A	Pettigrew	90.11	41	P	P	13 57 18.1 +0.1
Z35A	Perchaven, S	90.11	45	P	P	13 57 18.3 +0.3
T41A	Mountain View	90.11	39	P	P	13 57 17.9 0.0
Z33A	Rising Star	90.16	47	P	P	13 57 19.0 +0.7
X37A	Clayton	90.17	43	P	P	13 57 18.8 +0.5
Y36A	Durant	90.20	44	P	P	13 57 18.7 +0.3
134A	White-Moore Fa	90.21	46	P	P	13 57 19.2 +0.8
W38A	Poteau	90.25	42	P	P	13 57 19.1 +0.5
X38A	Whitesboro	90.39	43	P	P	13 57 20.0 +0.7
R44A	Waltonville	90.43	37	P	P	13 57 19.7 +0.3
OLIL	Olney	90.49	36	eP	P	13 57 19.6 0.0
S43A	Fulton Ridge,	90.51	38	P	P	13 57 20.1 +0.3
W39A	Magazine	90.53	42	P	P	13 57 20.0 +0.1
U41A	Viola	90.58	40	P	P	13 57 20.5 +0.4
135A	Vickery Place,	90.60	46	P	P	13 57 21.0 +0.7
Z36A	Blue Ridge	90.60	45	P	P	13 57 20.9 +0.7
Z34A	Clairette	90.61	47	P	P	13 57 20.9 +0.6
333A	Richland Sprin	90.63	48	P	P	13 57 21.1 +0.7
JCT	Junction City	90.78	49	P	P	13 57 21.8 +0.6
JCT	Junction City	90.78	49	eP	P	13 57 21.5 +0.3
JCT	Junction City	90.78	49	eP	P	13 57 21.5 +0.3
JCT	Junction City	90.78	49	eP	P	13 57 21.5 +0.3
S44A	Carbondale	90.80	37	P	P	13 57 21.4 +0.3
X39A	Fountain Ranch	90.89	42	P	P	13 57 22.4 +0.8
V41A	Mountainview	90.90	40	P	P	13 57 21.6 -0.1
W40A	Ferguson Farm,	90.90	41	P	P	13 57 22.1 +0.4
PBMO	Poplar Bluff	90.97	39	eP	P	13 57 22.2 +0.4
433A	Art	90.99	48	P	P	13 57 22.7 +0.5
WHTX	Lake Whitney,	91.00	46	P	P	13 57 23.0 +0.8
WHTX	Lake Whitney,	91.00	46	eP	P	13 57 22.8 +0.6
Y38A	Idabel	91.01	43	P	P	13 57 22.4 +0.2
334A	Lometa	91.05	47	P	P	13 57 23.0 +0.6
Z37A	Poplar Cattle C	91.09	44	P	P	13 57 23.1 +0.6
S45A	Carrier Mills	91.13	37	P	P	13 57 23.2 +0.6
MIAR	Mount Ida	91.14	42	P	P	13 57 23.4 +0.7
MIAR	Mount Ida	91.14	42	eP	P	13 57 23.5 +0.7
MIAR	Mount Ida	91.14	42	eP	P	13 57 23.5 +0.7
MIAR	Mount Ida	91.14	42	eP	P	13 57 23.5 +0.7
136A	Ennis	91.15	45	P	P	13 57 23.4 +0.6
X30I	Greenbrier Sit	91.21	41	eP	P	13 57 23.3 +0.3
WHAR	Woolly Hollow	91.22	41	P		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Colville Lake, Yellowknife Ar, Pleasant Camp, Granite Creek, etc.

ISC/JB 30 14:06:39.6,0.3,51.53N,0.02,16.12E,0.02,h0km, Error ellipse: s-maj=2.6km s-min=2.1km az=11.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSP, DPC, PVCC, BRG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DPC, PVCC, BRG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GOPC, PRU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRU, MORC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MORC, Ostrava-Krasne, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ostrava-Krasne, VRAC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VRAC, WERD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ROTZ, GERES, SMOL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CONA, MOA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARSA, ARSZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARSZ, CRVS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DAVOX, VIKU, etc.

ISC/JB 30 14:11:57.3,0.4,51.49N,0.02,16.14E,0.04,h0km, Error ellipse: s-maj=3.6km s-min=2.7km az=166.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VIKU, AKASG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VIKU, AKASG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VIKU, AKASG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GOPC, PRU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MORC, OKC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OKC, VRAC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRUC, NKC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BLEU, BJUU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VJXU, OSKU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASPU, GNOU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GNOU, BLEU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BLEU, BJUU, etc.

IASPEI 30 14:42:40.9,0.8,44.47N,0.02,7.26E,0.02,h11km,5km, Error ellipse: s-maj=3.7km s-min=2.2km az=72.2, G75

ISC/JB 30 14:42:40.7,0.3,44.45N,0.02,7.21E,0.03,h12km,3km, Error ellipse: s-maj=3.7km s-min=2.4km az=157.2

ROM 30 14:42:40.6,0.2,44.46N,7.26E,h10km,1km,Md2,2/8, M1,8/4, Error ellipse: s-maj=6.2km s-min=1.7km az=71.0

CSEM 30 14:42:41.1,0.1,44.47N,7.24E,h10km,ML2,4/16, Error ellipse: s-maj=2.0km s-min=1.3km az=65.0

LDG 30 14:42:41.1,0.1,44.47N,7.27E,h3km,Md2,6/2,M12,3/11, Error ellipse: s-maj=1.6km s-min=0.9km az=58.0

GEN 30 14:42:41.0,0.8,44.47N,7.24E,h0km,ML1,8 Error ellipse: s-maj=7.1km s-min=4.0km az=27.0

UPP 30 14:12:03.5,3.3,51.72N,15.45E,h0km,ML2,1,Suspected explosion

ISC 30 14:11:58.4,0.8,51.54N,0.03,16.14E,0.03,h0km,n45, 01506/78,D,Poland

Table with columns for station call signs (e.g., GTA, SHL, PSI), frequencies, and other technical details. Includes sub-sections like 'NVS' and 'NVS' at the bottom.

Table with columns for station call signs (e.g., NVS, FRU, AAK), frequencies, and other technical details. Includes sub-sections like 'NVS' and 'NVS' at the bottom.

Table with columns for station call signs (e.g., AKASG, KIEV, DAWY), frequencies, and other technical details. Includes sub-sections like 'NVS' and 'NVS' at the bottom.

BKK 30 16:23:24.8; 1.0, 2.7' N, 6.9' E, 1.3, h0km, M5.5/7, mB5.2/2, mb4.6/7, MLV5.9/2, Mw(mB)4.5/2, ISCB.J 30 16:23:51.0; 0.3, 2.4; 67N.0; 0.4; 97.98E; 0.04, h10km, mb4.0/19, MS3.9/2, Error ellipse: s-maj=6.5km s-min=4.2km az=144.0, BUJ 30 16:23:50.8; 24.73N-97.98E, h10km, mb4.2/16, mB4.3/11, M4.4/3/6, Ms4.3/10, Ms7.4/3/11, IDC 30 16:23:51.1; 0.7, 2.4; 61N-97.99E, h0km, mb3.8/13, mb1.0/14, mb1.mxd/7.59, mbmp3.9/14, M4.4/7/1, Error ellipse: s-maj=34.0km s-min=13.2km az=64.0, NEIC 30 16:23:56.7; 1.1, 2.4; 64N-98.02E, h4.4km, 1.2km, mb4.4/5, Error ellipse: s-maj=20.4km s-min=7.1km az=62.0, ISC 30 16:23:52.3; 0.5, 2.4; 61N.0; 0.4; 98.05E; 0.05, h10km, n50, c233/61, mb4.1/19, 1C, Myanmar-China border region

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KMI Kunming, SHL Shilong, CHTO Chiang Mai, etc.

SJA 30 16:35:40.2±0.4,31.37S:69.79W,h95km,2km,ML1.6, MW3.8, San Juan Province

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RTL Leoncito, AUSP Uspallata, etc.

ISC 30 16:58:58.9±1.1, 18°12'S:167°22'E,h0km,mb4.2/8, mb1 4.4/11, mb1mx3.4/30, Error ellipse: s-maj=27.1km s-min=21.8km az=80.0

Main table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, etc.

TUE Stuetta 146.50 332 ePKPdf PKPab 17 18 43.2 +0.5 BNI Bardonecchia 148.78 333 ePKPdf PKPab 17 18 50.1 -2.6

ISCJB 30 17:02:22.5±0.4, 67°04'N:0°03'20.90E,0.08,h0km, Error ellipse: s-maj=4.5km s-min=3.6km az=156.7

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DUNU Dundret, MASU Masugnbyn, etc.

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KIF Kilpisjärvi, KIF Kilpisjärvi, etc.

IDC 30 17:15:13.6±1.6, 6.66S:155.43E,h0km,mb3.7/4, mb1 4.0/4, mb1mx3.6/37, mbtmp3.7/4, MS4.0/2, Ms1 4.0/2,

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.

IDC 30 17:17:40.1±3.3, 4.14S:106.52W,h0km,mb3.9/4, mb1 4.2/4, mb1mx3.9/26, mbtmp3.9/4, MS3.9/4, Ms1 3.9/4,

Table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMIG Matias Romero, TXAR Lajitas Array, etc.

Plg11.0000°, Azm18.0000°; nstal refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Southern East Pacific Rise

NIED 30 17:20:00.35;80N;141.00E,h20km,Mw4.1 Best double couple: M=1.36000x10^15 NP1.350.00000°,846.00000°,λ-120.00000°. NP2.210.00000°,852.00000°,λ-63.00000°.
ISCJB 30 17:20:41.9;0.8,35;75N;0.03;141.00E;0.06,h19km,4km,mb3.8/1.5,2km az=172.9 Error ellipse: s-maj=8.7km s-min=5.5km az=172.9
JMA 30 17:20:42.8;0.1,35;77N;140.89E,h16km;1km,M4.3 JMA Feil III J1.
IDC 30 17:20:46.5;2.2,35;66N;140.86E,h39km;25km,mb3.7/12,mb1 3.8/17,mb1mx3.7/46,mbtmp3.9/17,ML3.4/4,MS3.2/4,Ms1 3.2/4,ms1mx2.8/45,Error ellipse: s-maj=25.2km s-min=12.4km az=85.0

ISC 30 17:20:43.2;0.9,35;78N;0.04;140.89E;0.06,h14km;5km,n73,+f161/33,mb4.0/12,3C-2D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like CHOI Chosi, CHOU Nagara, JCN Hitachi, etc.

IDC 30 17:56:27.8;13.0,18;45S;167.80E,h0km,mb3.6/3,mb1 3.8/4,mb1mx3.5/22,mbtmp3.6/4,ML3.5/1,MS2.9/1,Ms1 2.9/1,ms1mx2.6/23,Error ellipse: s-maj=229.9km s-min=41.5km az=79.0, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like DZM Mont Dzumac, DZM Stephens Creek, etc.

IDC 30 18:12:36.2;6.2,2.36N;124.08E,h0km,mb3.6/3,mb1 3.8/4,mb1mx3.4/36,mbtmp3.6/4,Error ellipse: s-maj=122.7km s-min=93.6km az=91.0, Celebes Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

ATH 30 18:21:06.1;0.1,39;72N;20.37E,h11km;1km,ML2.4/6,Error ellipse: s-maj=1.8km s-min=1.0km az=268.0
CSEM 30 18:21:06.5;0.2,39;73N;20.36E,h2km,ML2.4,Error ellipse: s-maj=4.6km s-min=4.2km az=156.0
THE 30 18:21:06.5;39;73N;20.40E,h0km;2km,ML2.6/8,Error ellipse: s-maj=2.3km s-min=0.6km az=339.0
ISC 30 18:21:06.8;0.9,39;72N;0.02;20.36E;0.02,h6km;8km,n73,-088/99,Greece-Albania border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like SGG Sagiada, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like JAN Janina, KEK Kerkira, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like DSL Palaion Diasel, LKD2 Lefkada island, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like KZN Kozani, THL Klokotos Trika, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like PVO Paravola, SCITE Santa Cesarea, etc.

ISCJB 30 18:41:39.4;0.6,50;26N;10.04;18.70E;0.03,h0km,Error ellipse: s-maj=5.4km s-min=2.6km az=11.5
CSEM 30 18:41:40.3;0.3,50;27N;18.73E,h2km,ML2.7/8,Error ellipse: s-maj=7.2km s-min=3.2km az=9.0
IPEC 30 18:41:40.2;0.2,50;27N;18.79E,h1km;1km,ML1.9/3,Error ellipse: s-maj=2.5km s-min=0.8km az=166.0
WAR 30 18:41:40.4;0.3,50;27N;18.83E,h1km;1km,Mw2.7
ISC 30 18:41:40.0;0.5,50;19N;0.04;18.74E;0.02,h0km,n35,-052/58,Poland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like RAC Raciborz, OKC Ostrava-Krasne, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like OKC Ojcow, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like LANS Liptovska Anna, LANS Liptovska Anna, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like KSP Ksiaz, VYHS Vyhne, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like PRU Pruhonice, KHC Kasperske Hory, etc.

NIED 30 19:04:00.35;80N;141.00E,h23km,Mw3.6 Best double couple: M=2.86000x10^14 NP1.350.00000°,844.00000°,λ-105.00000°. NP2.198.00000°,848.00000°,λ-76.00000°.
ISCJB 30 19:04:20.6;1.2,35;79N;0.04;141.14E;0.08,h17km;7km,mb3.5/5,Error ellipse: s-maj=11.4km s-min=5.9km az=173.5
JMA 30 19:04:23.2;0.1,35;78N;140.88E,h15km;1km,M3.8 JMA Feil III J1.
IDC 30 19:04:29.1;1.3,34;84N;138.41E,h0km,mb3.5/5,mb1 3.6/6,mb1mx3.4/66,mbtmp3.6/6,ML3.2/1,Error ellipse: s-maj=51.5km s-min=17.9km az=69.0
ISC 30 19:04:22.2;1.5,35;81N;0.04;140.94E;0.09,h15km;7km,n14,+078/21,mb3.5/5,2C-1D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like CHOI Chosi, JCN Nagara, etc.

IDC 30 19:04:53.9;1.1,45;24S;95.88E,h0km,mb3.9/6,mb1 4.1/6,mb1mx3.8/42,mbtmp3.9/6,MS3.7/10,Ms1 3.7/10,ms1mx3.5/20,Error ellipse: s-maj=38.1km s-min=22.8km az=113.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like SNAA Sanae, CMAR Chiang Mai Arr, etc.

IDC 30 19:12:03.9;5.5,8;20S;157.23E,h0km,mb3.8/3,mb1 3.9/4,mb1mx3.5/36,mbtmp3.8/4,ML3.5/1,Error ellipse: s-maj=120.6km s-min=31.6km az=3.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like HNR Honiara, WRA Warramunga Arr, etc.

ISCJB 30 19:21:20.0;0.4,17;53N;0.04;95.14W;0.04,h133km,Error ellipse: s-maj=6.7km s-min=4.9km az=38.9
MEX 30 19:21:24.9;0.8,17;45N;95.14W,h107km;11km,MD4.1
NEIC 30 19:21:24.9;17;45N;95.14W,h107km,MD4.1(MEX),After MEX.
ISC 30 19:21:21.6;0.8,17;49N;0.06;95.14W;0.04,h133km,n77,+f157/85,Oaxaca

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include stations like KSP Ksiaz, KSP Ksiaz, etc.

30d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Op, ISC, h m s, ISC. Includes stations like TUIG Tuzandepeti, VHO Vista Hermosa, HUIG Huatulco, etc.

IDC 30 19:30:14.7.9.7.02'96N-88'09E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.2/4, mbtmp3.5/3, ML3.8/1, 1D, Error ellipse: s-maj=239.5km s-min=83.7km az=166.0, Bay of Bengal

2011 AUG

Table with columns: CMAR, Station Name, Az, Phase ID, Time, Res, Op, ISC, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

BUI 30 20:17:29.0.7.42'Sx125'34E, h518km, mb4.6/45, mB4.5/28, Error ellipse: s-maj=3.9km s-min=2.8km az=142.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Op, ISC, h m s, ISC. Includes stations like SOEI Soe, BSI Baing, KAPI Kappang, etc.

1588

Table with columns: UGM Warramunga, SMRI Semarang, MBWA Marble Bar, WRAB Tennant Creek, WRA Warramunga Arr, WRA Karang, GENI Genyem, WB2 Warramunga Arr, KKM Kota Kinabalu, SBUM Sibul, KPJI Karang Pucung, JAY Jayapura, JAY Jayapura, KSM Kuching, CISI Cismopet, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, AS01 Alice Springs, COEN Coen, PMG Port Moresby, PMG Port Moresby, MANU Manus Island, FORT Fort, CTA Charters Tower, CTAO Charters Tower, BKN Bangkok, NWAO Narrogin (SRO), NWAO Narrogin (SRO), RABL Rabaul, BBOO Buckleboob, PSI Prapat, PSI Prapat, COCO West Island, GSI Gunungitoli, STKA Stephens Creek, STKA Stephens Creek, STKA Ta-pu, YULB Yu-Is, LHMI Lord Howe Island, EIDS Eidsvold, SSLB Suanglung, NACB Ninganchiao, YOJ Yonaguni jima, SKNT Sakonakorn, YHNB Yeheng, JOW Jungi, ARMA Armidale, CAN Canberra, CM01 Chiang Mai Arr, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMMT Chiang Mai, CHTO Chiang Mai, CHTO Chiang Mai, GYA Guiyang, KMI Kunming, WHN Wuhan, NJ2 Nanjing, LNH Lord Howe Island, ENH Enshi, TAU Tasmania Unive, DZM Mont Dzumac, XAN Xi'an, XAN Xi'an, XAN Xi'an, XAN Xi'an, KS15 Wonju Array, KSAR Wonju Array, KSRS Korea Array, KS01 Wonju Array SI, MJAR Matsuhiro, MAJO Matsuhiro, MJB9 Matsu-Tunnel, KWAJ Kwajalein Atol, BJT Baijatuau, LSA Lhasa, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, ODAN Odare, TAPN Tapejung, RAMN Ramite

30d 21h

Table with columns for call sign, name, frequency, power, and other technical details. Includes call signs like PETK, PEA1, QSPA, CN2, GYA, KLR, XAN, KMI, CM01, CMAR, CHTO, HHC, MAW, SEY, RSO, YAK, GTA, SONA, SONM, SONN, SONA1, GDXM, KMRM, SAO, KHMM, PKM, CIS, WDC, L02D, M02C, ORV, AFDM, CMB, O03D, VES, HUMO, ISA, BFSC, EDW2, I03D, M04C, MONP2, WAKR, IKP, CWC, PNTR, PFO, TPFO, I04A, YERR, TVH3, MPMC, TVH2, SWSC, TVH1, GSC, BELC, HEC, K05A, J05D, BC3.

2011 AUG

Table with columns for call sign, name, frequency, power, and other technical details. Includes call signs like FURUC, SHOC, GLA, MDM, GM4C, F04A, IRM, IL1, ILAR, ILB, G05D, Y12C, SNA4, G06A, D05A, WVOR, PDMCI, SHPR, BMN, A04D, 214A, VNA3, B05A, R11A, VNA1, E07A, HAWA, LLLL, LCMT, D08A, CCUT, BMO, TUC, E09A, B08A, KNB, MFID, F10A, WUAZ, MTPU, GBU, HILD, SPVU, WMQ, WNO, WMQ, WMQ, WMQ, WMQ, BOZ, HRY, PD31, PDAR, PDAR, LTX, TX31, TXAR, TXAR, TXAR, TZTN, GEYT, ARCEA, FIAO, FINES, AKAS, AKB, NB200, BNOA, BR10, BRTR, CLL, CONA, KHC, KHC, GECE, GERES, GEAR, ARSA, MOA, BIA, OHR, PERS, SOKA, ANX, ANK, ANKY, KLV, OBKA, LAKA, LAKA, TIR, VLX, VLX, OZLL.

1590

Table with columns for call sign, name, frequency, power, and other technical details. Includes call signs like KBA, BOJS, MEM, VISS, DRO, MYKA, PDO, RLS, RLS, ITM, AMT, IGT, SGT, JAVS, UDBI, BCLA, STU, LK2D, LK2D, PVL, PVL, WATA, ABTA, WTTA, SNF, TRI, MOTA, VLS, VLS, RETA, WLF, WLF, NVLJ, DOU, BFO, FETA, DAVA, RCBR, ECH, MOF, TUE, TIP, TIP, BNI, PLDF, AGO, PYM, LBL, CLTB, ESDC, TOA0, TORO, TORO, TORO, TOA1, TOA1.

IDD 30 21:24:01.0.0.7, 20:39N:120:82E, h0km, mb4.0/16, mb1.4/17, mb1mx0.4/4, mbtmpp4.0/17, ML3.7/1, MS3.6/6, M1.3.6/6, m1mx3.1/33, Error ellipse: s-maj=21.8km, s-min=14.5km az=77.0
NEIC 30 21:24:01.9.0.4, 20:39N:120:85E, h5km, mb4.3/6, Error ellipse: s-maj=8.9km s-min=6.1km az=121.0
ISCBJ 30 21:24:03.7.0.4, 20:43N:100:0.0:120:82E, h0.7, h29km, mb4.0/19, MS3.6/4, Error ellipse: s-maj=10.0km s-min=6.4km az=20.2
ISC 30 21:24:05.5.0.7, 20:48N:0:07:120:91E, h29km, n50, mb30/41, mb4.0/19, MS3.5/4, 10, Philippine islands region

Table with columns for Code, Station Name, Az, Az', Phase ID, Time Res, and other technical details. Includes call signs like TWG, TWG, TUB, YUL, SSB, NACB, YHNB, YOJ, PCH, JNU, JNU, KS15, KSAR, KSRS, KSRS, BJT, CHTO, CM01, CM31, CMAR, KSM, MAJO, MJAR, USRK, SONA0, SONM, SONN, SNA1, TLY, MK01, MK31, WRR, H1N1, H1N2, H1N3, H1S1, H1S2, ZALV, ZALV, ZALV, ASAR.

30d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GEA0 GERESS Array S, MEM Membach, CONA Conrad Observa, etc.

MEX 30 22:36:03.2, 0.7, 14.46N:92.99W, h29km, 56km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CCIG Comitán, CCIG

ADC 30 22:45:58.5, 2.0, 9.19N:126.31E, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.5/36, mbtmp3.8/4, Error ellipse: s-maj=264.3km s-min=29.3km az=70.0

ISCJB 30 22:46:04.7, 1.0, 9.11N:0.08:126.46E:0.06, h50km, mb3.8/4, Error ellipse: s-maj=12.1km s-min=8.1km az=20.4

MAN 30 22:46:10.8, 9.96N:126.12E, h37km, mb4.5, 1M3.2, MS3.2, ISC 30 22:46:06.7, 1.3, 9.08N:0.10:126.37E:0.08, h50km, n16, o186/15, mb3.6/4, 2C-2D, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BIPH Bislig, BIPH Bislig, CBG Cagayan de Oro, etc.

ASAR Alice Springs 33.37 167 P T 22 52 40.1 -0.4

H1S3 WAKE ISLAND Hy 40.18 72 T 23 36 45.7

H1S1 WAKE ISLAND Hy 40.19 72 T 23 36 44.9

H1S2 WAKE ISLAND Hy 40.20 72 T 23 36 45.1

H1N1 WAKE ISLAND Hy 40.55 70 T 23 37 15.5

H1N2 WAKE ISLAND Hy 40.56 70 T 23 37 19.2

H1N3 WAKE ISLAND Hy 40.57 70 T 23 37 16.3

STKA Stephens Creek 43.26 161 P 22 54 02.8 -0.6

FINES FINESS Array B 86.97 332 P 22 58 44.9 -1.5

ADC 30 22:50:56.1, 0.5, 4.1, 37S:85.62W, h0km, mb4.6/12, mb1 4.7/14, mb1mx4.7/19, mbtmp4.6/14, ML4.8/2, MS4.6/19, Ms1 4.6/19, ms1mx4.5/23, Error ellipse: s-maj=20.0km s-min=17.1km az=105.0

ISCJB 30 22:50:58.0, 0.2, 4.1, 29S:0.04:85.36W:0.04, h14km, mb5.0/19, MS4.7/23, Error ellipse: s-maj=6.0km s-min=4.5km az=21.6

MOS 30 22:50:58.4, 1.4, 4.1, 37S:85.33W, h14km, mb5.2/26, Error ellipse: s-maj=18.9km s-min=9.4km az=98.4

GCMT 30 22:50:59.0, 0.2, 4.1, 37S:85.57W, h14km, MW5.3/112, Moment Tensor Solution, s80, c119; s112, c204; Duration: t=1 Moment tensor: Scale 10^17N; Mn=0.36±.02; M0=0.42±.02; M0=0.16±.04; M0=1.00±.02; M0=0.16±.04; Best double couple: M01.04300x10^17 NP1.0:173.00000°, 88.00000°, 78.00000°, NP2.0:83.00000°, 88.20000°, 1.178.00000°. Principal axes: T 1.2350, P1g7.0000°, Azm38.0000°; N -0.3830, P1g81.0000°, Azm188.0000°; P -0.8520, P1g4.0000°, Azm308.0000°. nsta1 refers to body waves, cutoff=50s.

NEIC 30 22:50:59.5, 0.2, 4.1, 34S:85.05W, h10km, mb5.1/114 Error ellipse: s-maj=9.0km s-min=6.8km az=65.0

BUI 30 22:51:00.2, 4.1, 20S:85.30W, h10km, mb5.0/9, Ms5.2/10, Ms7.5/0/10

ISC 30 22:50:59.4, 0.3, 4.1, 28S:0.06:85.32W:0.07, h14km, n467, o1549/464, mb5.1/19, MS4.7/23, 6C-1D, West Chile Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHRN Cochran, PLCA Paso Flores, PLCA Paso Flores, etc.

2011 AUG

Main table with columns: Station Name, Time, Az, Phase ID, Time, Res. Includes stations like ASAL Salagasta, RTVC Leoncito, RTCL Cerro Valdivia, etc.

1594

Table with columns: Station Name, Time, Az, Phase ID, Time, Res. Includes stations like 436A Wall Ranch, 3414 Westbrook Farm, 3414 Kuthwood, etc.

1595

2011 AUG

30d 22h

Table with columns: Station ID, Name, Frequency, Power, Direction, and Date. Includes stations like WVT Waverly, W32A Sentinel, V39A Pettigrew, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and Date. Includes stations like IRM Iron Mountain, Q43A New Douglas, R34A Isabella, Hill, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and Date. Includes stations like DUG Dugway, Toolee, DUG Dugway, Toolee, ACCN Adirondack, etc.

30d 23h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KHC, CLL, PRA, PRU, GOPC, PVCC, UPC, VYHS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HWQ, FKH, BHL, etc.

2019 AUG

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BEYL, DQRL, QASN, RCY, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RUSC, BARS, CHIC, etc.

1596

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PAMC, NORC, CAPV, etc.

CSEM 30 23:21.32.0.4, 67.75N-20.28E, h2km, ML1.8, Error ellipse: s-maj=9.3km s-min=6.3km az=33.0, Mining

UPP 30 23:21.33.4.0.1, 67.85N-20.20E, h0km, ML1.8, Explosion HEL 30 23:21.33.9.0.1, 67.85N-20.19E, h0km, ML1.8, ML1.8(UPP), Explosion, Sweden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KUA, KUR, KUR, etc.

UPP 30 23:21.49.5.0.4, 67.85N-20.24E, h0km, ML1.8, Explosion, Sweden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KUA, NIKU, etc.

IDC 30 23:38.47.4.1.2, 18.37N-146.14E, h0km, mb3.8/4, mb1.0/4.0, mb1mx3.8/5.38, mbtm3.8/5.4, MS3.8/2, Ms1.3.8/2, ms1mx3.0/46, Error ellipse: s-maj=101.8km s-min=24.9km az=106.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PETK, WRA, ASAR, etc.

IDC 30 23:40.46.9.1.6, 2.24N-96.04E, h0km, mb3.9/5, mb1.3.9/7, mb1mx3.7/7, mbtm3.8/7, ML3.7/2, MS3.4/4, Ms1.4.5/4, ms1mx3.0/50, Error ellipse: s-maj=46.0km s-min=20.6km az=49.0

DJA 30 23:40.50.6.0.7, 2.23N-96.06E, h10km, MA.2/7, MLV4.2/7, ICSA 30 23:40.50.6.2.2, 2.37N-100.05-96.18E, 0.09, h20km, 16km, n22, e0.70/19, mb4.0/5, Northern Sumatera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TPTI, GSI, MSLI, etc.

ISCJBJ 30 23:13:06.1.0.9, 5.73N-104.73W, 0.04, h7km, 5km, Error ellipse: s-maj=7.3km s-min=4.2km az=136.4

RNSC 30 23:13:06.2.1.2, 5.74N-104.73W, 1hkm, 5km, ML2.8 FUNV 30 23:13:07.0.5.6, 6.20N-73.30W, h12km, MW3.0

ISC 30 23:13:05.9.1.3, 5.75N-104.73W, 0.04, h5km, 10km, n18, e114/31, C, Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RUSC, BARS, CHIC, etc.

IDC 30 23:41:22.8.0.7, 34.77S-72.17W, h0km, mb4.3/9,

mb1 4.3/11, mb1mx4.2/25, mbtmp4.2/11, ML4.2/2, MS3.8/7, Ms1 3.8/7, ms1mx3.5/23, Error ellipse: s-maj=34.0km s-min=13.8km az=88.0

ISCJB 30 23:41:28.0, 0.4, 34.81S:0.03:72.18W:0.06, h46km,4km, mb4.6/45, MS3.8/4, Error ellipse: s-maj=8.4km s-min=4.1km az=8.3

NEIC 30 23:41:28.0, 34.82S:72.26W, h36km, mb4.6/39, ML4.4(GUC), After GUC.

NEIC Felt [V] at Constitution, Curico and Penciahue; [III] at Cauquenes, Hualene, Linares, Parral, Pelarco, Rio Claro, Talca and Yumbos; [II] at Rancagua, Romeral, San Javier and Villa Clara.

GUC 30 23:41:28.0, 34.82S:72.26W, h36km, ML4.4

ISC 30 23:41:28.0, 9.3478S:0.03:72.18W:0.05, h4km,2km, n116, c1553/115, mb4.6/45, MS3.7/4, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Lists various seismic stations and their details.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Lists seismic stations including U15A, KNB, ECSD, etc.

DDA 30 23:52:09.7, 36.41N:28.05E, h8km, Md2.6

ATH 30 23:52:10.9, 36.34N:28.03E, h19km,2km, ML2.1/1, Error ellipse: s-maj=3.7km s-min=1.6km az=170.0

CSEM 30 23:52:10.6, 0.3, 36.40N:28.00E, h10km, ML2.1, Error ellipse: s-maj=9.3km s-min=7.0km az=163.0

ISC 30 23:52:10.5, 1.1, 36.42N:0.03:28.03E:0.02, h5km,13km, n23, c1984/37, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Lists seismic stations for the Dodecanese Islands region.

DJA 30 23:56:26.7, 1.2, 0.5S:12.0E:1, h10km, M3.6/4, MLV3.6/4, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Lists seismic stations for the Minahasa Peninsula region.

ISC 30 00:03:22.6, 1.8, 18.36S:168.31E, h0km, mb4.2/6, mb1 4.3/7, mb1mx4.0/33, mbtmp4.2/7, ML4.0/1, MS3.6/3, Ms1 3.6/3, ms1mx3.1/24, Error ellipse: s-maj=41.4km s-min=28.1km az=80.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Lists seismic stations for the Vanuatu Islands region.

0.2nm, 0.5s, baz=132, slow=6.6, SNR=3.7

AKAS Main Array Be 134.27 324 PKP PKPdf 00 22 41.8 -0.5

ISCJB 31 00:07:40.1, 0.8, 26.0S:0.1:179.8W:0.1, h444km, mb3.7/6, Error ellipse: s-maj=18.4km s-min=11.6km az=43.9

ISC 31 00:07:40.0, 0.7, 26.0S:0.1:179.7W:0.1, h444km, n16, c092/17, MB3.9/6, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Lists seismic stations for the South of Fiji Islands region.

CSEM 31 00:18:25.1, 41.31N:43.91E, h0km, ML1.6

TIF 31 00:18:25.1, 41.31N:43.91E, h17km,6km, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Lists seismic stations for the Turkey-Georgia-Armenia border region.

MEX 31 00:41:19.7, 0.9, 18.88N:103.92W, h6km, 999km, MD3.6, Near coast of Michoacan

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Lists seismic stations for the Near coast of Michoacan region.

SCB 31 00:53:17.0, 0.9, 17.74S:69.40W, h134km, M4.0/2, Error ellipse: s-maj=999.9km s-min=999.9km az=0.0

ISCJB 31 00:53:18.1, 0.2, 17.83S:0.02:69.56W:0.04, h148km,2km, mb4.5/42, Error ellipse: s-maj=6.2km s-min=3.6km

NEIC 31 00:53:19.0, 17.90S:69.62W, h137km, mb4.7/33, After GUC.

NEIC Felt at Arica. Also felt at Arequipa and Tacna, Peru.

GUC 31 00:53:19.4, 0.6, 17.90S:69.62W, h137km,3km, ML4.4

ISC 31 00:53:19.3, 0.4, 17.81S:0.03:69.63W:0.05, h142km,3km, h142km,3km, p-P, n275, c1983/309, mb4.6/42, 17C-2D, Peru-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Lists seismic stations for the Peru-Bolivia border region.

PB04	LVC	Limon Verde	4.83 172 P	eSn	Sn	00 55 12.7 -6.1
		comp=E,4.75nm,0.3s,baz=4.3,slow=8.8,SNR=142			Pn	00 54 31.1 +0.4
LVC		Limon Verde	4.83 172 P	eSn	Sn	00 55 22.5 -3.7
		comp=E,5.78nm,0.3s,baz=34.3,slow=6.6,SNR=4.9			Pn	00 55 24.0 +0.2
LVC		Limon Verde	4.83 172 P	ePn	Sn	00 54 31.1 +0.4
LVC		Limon Verde	4.83 172 P	ePn	Sn	00 55 22.5 -3.7
LVC		Limon Verde	4.83 172 P	eSn	Sn	00 55 22.9 -1.4
LVC		Limon Verde	4.83 172 P	eSn	Sn	00 54 30.8 +0.2
MOCB		Mochara	5.09 133 P	eSn	Sn	00 54 35.8 +1.4
		comp=Z,1.1nm,1.0s,baz=15.1,SNR=8.9			Pn	00 54 40.8 -1.7
PB10		IPOC Station P	5.75 188 P	ePn	Sn	00 55 39.7 -7.8
PB10		IPOC Station P	5.75 188 P	ePn	Sn	00 54 43.5 +0.5
YJA		Yavi	5.82 139 P	ePn	Sn	00 55 56.0 +6.0
YJA		Yavi	5.82 139 P	eS	Sn	00 54 55.4 +0.1
HJA		Humahuaca	6.68 144 P	eS	Sn	00 54 56.4
HJA		Humahuaca	6.68 144 P	IAML	Sn	00 54 56.4
comp=Z,5.2nm,0.4s						
AZAP		Zapla	7.68 147 P	eP	Pn	00 55 06.5 -2.1
AZAP		Zapla	7.68 147 P	IAML	Pn	00 55 08.6
comp=Z,1.9nm,0.5s						
SLA		San Lorenzo	7.88 151 P	eP	Pn	00 55 10.6 -0.7
SIV		San Ignacio	8.39 79 P	P	Pn	00 55 13.8 -4.3
		comp=Z,2.4nm,0.3s,baz=27.4,slow=11,SNR=114				
SIV		San Ignacio	8.39 79 P	eP	Pn	00 55 13.7 -4.3
FSA		Cafayete	8.93 158 P	eP	Pn	00 55 23.5 -1.8
NNA		Nana	9.05 309 P	P	Pn	00 55 27.7 +0.8
		comp=Z,1.8nm,0.3s,baz=130,slow=15,SNR=4.0				
NNA		Nana	9.05 309 P	S	Pn	00 57 02.0 -5.4
comp=Z,1.8nm,0.3s,baz=234,slow=22,SNR=3.7						
AHML		Horco Molle	10.87 157 P	eP	Pn	00 55 34.2 -2.4
SAML		Samuel	10.81 36 P	ePn	Pn	00 55 46.0 -4.2
CPUP		Villa Florida	14.21 129 P	P	Pn	00 56 32.3 -1.9
		comp=Z,0.1nm,0.3s,baz=340,slow=9.6,SNR=3.6				
CPUP		Villa Florida	14.21 129 P	ePn	Pn	00 56 32.7 -1.4
PTGA		Pitinga	19.45 30 P	P	Pn	00 57 33.4 -1.6
		comp=Z,2.5nm,0.3s,baz=205,slow=7.3,SNR=8.1				
PTGA		Pitinga	19.45 30 P	eP	Pn	00 57 33.1 -1.9
comp=Z,2.8nm,0.7s						
TRQA		Torquist	21.26 163 P	eP	Pn	00 57 54.8 +0.5
		comp=Z,1.9nm,1.1s				
PLCA		Paso Flores	22.86 182 P	P	Pn	00 58 12.4 +2.0
		comp=Z,2.9nm,0.7s,baz=24,slow=11,SNR=24				
PLCA		Paso Flores	22.86 182 P	eP	Pn	00 58 12.6 +2.1
		comp=Z,1.1nm,0.8s				
RUSC		Rusia	23.79 351 P	eP	Pn	00 58 19.2 -0.5
		comp=Z,1.2nm,1.1s				
HELC		Santa Helena	24.54 346 P	eP	Pn	00 58 25.0 -1.3
		comp=Z,9.6nm,0.6s				
CHRN		Cochran	29.46 184 P	eP	Pn	00 59 08.2 -1.4
		comp=Z,4.1nm,0.7s				
GRGR		Grenville	30.77 15 P	eP	Pn	00 59 17.4 -4.1
		comp=Z,2.03nm,1.3s				
SVB		Belmont	31.97 16 P	eP	Pn	00 59 30.1 -1.9
		comp=Z,4.3nm,1.0s				
FDF		Fort de France	33.40 15 P	eP	Pn	00 59 42.3 -2.1
		comp=Z,6.9nm,1.2s				
RCBR		Riachuelo	35.02 74 P	P	Pn	00 59 56.9 -1.8
		comp=Z,7.0nm,0.5s,baz=235,slow=7.3,SNR=6.1				
RCBR		Riachuelo	35.02 74 P	eP	Pn	00 59 56.9 -1.8
		comp=Z,4.0nm,1.4s				
CELP		Cerrillos	35.78 5 P	eP	Pn	01 00 03.0 -1.9
HUMP		Col San Antoni	35.91 6 P	eP	Pn	01 00 04.3 -1.7
		comp=Z,2.1nm,1.2s				
STVI		Saint Thomas	36.22 8 P	eP	Pn	01 00 07.0 -1.7
		comp=Z,2.7nm,1.1s				
USHA		Ushuaia	36.97 179 P	P	Pn	01 00 15.5 +0.9
		comp=Z,2.9nm,0.9s,baz=104,slow=12,SNR=3.3				
CCIG		Comitan	40.48 326 P	eP	Pn	01 00 43.6 -0.9
		comp=Z,4.5nm,1.9s				
CMIG		Matias Romero	42.66 323 P	P	Pn	01 01 07.2 +5.1
		comp=Z,2.9nm,0.7s,baz=104,slow=6.8,SNR=6.1				
247A		Quitman	52.81 340 P	P	Pn	01 02 20.8 +0.8
		comp=Z,2.23nm,0.6s				
245A		Little AP, Sta	53.22 338 P	P	Pn	01 02 23.9 +0.8
		comp=Z,1.5nm,1.2s				
TRIS		Tristan da Cun	53.57 123 P	eP	Pn	01 02 24.9 -0.8
		comp=Z,2.23nm,0.6s				
Z48A		Northport	53.69 341 P	P	Pn	01 02 26.2 -0.3
		comp=Z,1.5nm,1.2s				
KMSC		Kings Mountain	53.81 348 P	P	Pn	01 02 26.9 -0.4
		comp=Z,1.5nm,1.2s				
Y47A		UCPARC, Winifre	54.27 341 P	P	Pn	01 02 30.4 -0.3
		comp=Z,1.5nm,1.2s				
SWET		Sewane	54.95 344 P	eP	Pn	01 02 35.4 -0.2
		comp=Z,1.1nm,1.9s				
633A		Saathoff Ranch	54.96 328 P	P	Pn	01 02 38.7 +2.9
		comp=Z,1.5nm,1.2s				
237A		Washetta, Mont	55.52 333 P	P	Pn	01 02 42.1 +2.5
		comp=Z,1.5nm,1.2s				
Y41A		Eaglette Beard	55.87 337 P	P	Pn	01 02 43.6 +1.5
		comp=Z,1.5nm,1.2s				
JCT		Junction City	56.10 328 P	P	Pn	01 02 45.5 +1.5
		comp=Z,1.5nm,1.2s				
WHXT		Lake Whitney,	56.24 332 P	P	Pn	01 02 45.8 +1.0
		comp=Z,1.5nm,1.2s				
WVT		Waverly	56.34 342 P	eP	Pn	01 02 44.9 -0.5
		comp=Z,3.6nm,0.8s				
333A		Richland Spring	56.40 330 P	P	Pn	01 02 47.8 +1.8
		comp=Z,1.5nm,1.2s				
Y39A		Lockesburg	56.49 336 P	P	Pn	01 02 48.1 +1.6
		comp=Z,1.5nm,1.2s				
MIAR		Mount Ida	56.83 336 P	P	Pn	01 02 49.9 +1.0
		comp=Z,1.5nm,1.2s				
MIAR		Mount Ida	56.83 336 P	eP	Pn	01 02 50.2 +1.3
		comp=Z,4.6nm,0.6s				
Z36A		Blue Ridge	56.88 333 P	P	Pn	01 02 51.4 +2.1
		comp=Z,1.5nm,1.2s				
W41B		Gary Ravidge, V	56.89 338 P	P	Pn	01 02 49.7 +0.3
		comp=Z,1.5nm,1.2s				
233A		Rising Star	56.93 330 P	P	Pn	01 02 52.2 +2.4
		comp=Z,1.5nm,1.2s				
U44B		Burton Farm, H	56.99 341 P	P	Pn	01 02 50.9 +0.9
		comp=Z,1.5nm,1.2s				
X39A		Fountain Ranch	57.00 336 P	P	Pn	01 02 51.9 +1.7
		comp=Z,1.5nm,1.2s				
X301		Greenbrier Sit	57.01 338 P	eP	Pn	01 02 51.1 +1.0
		comp=Z,1.1nm,1.0s				
134A		White-Moore Ra	57.01 331 P	P	Pn	01 02 52.7 +2.5
		comp=Z,1.5nm,1.2s				
W40A		Ferguson Farm,	57.21 337 P	P	Pn	01 02 53.1 +1.5
		comp=Z,1.5nm,1.2s				
LTX		Lajitas	57.23 324 P	eP	Pn	01 02 54.1 +2.1
LTX		Lajitas	57.23 324 P	eP	Pn	01 03 27.4 +2.0
TXAR		Lajitas Array	57.23 324 P	eP	Pn	01 02 54.1 +2.1
		comp=Z,0.3nm,0.4s,baz=139,slow=7.8,SNR=9.3				
TXAR		Lajitas Array	57.23 324 P	eP	Pn	01 03 27.4 +2.0
		comp=Z,0.3nm,0.4s,baz=139,slow=8.3,SNR=8.8				
V41A		Mountainview	57.41 338 P	P	Pn	01 02 53.2 +0.2
		comp=Z,1.5nm,1.2s				
X38A		Whitesboro	57.42 335 P	P	Pn	01 02 54.3 +1.1
		comp=Z,1.5nm,1.2s				
133A		Hamilton Ranch	57.43 331 P	P	Pn	01 02 55.1 +1.9
		comp=Z,1.5nm,1.2s				
W39A		Magazine	57.48 337 P	P	Pn	01 02 55.5 +2.0
		comp=Z,1.5nm,1.2s				
X37A		Clayton	57.57 335 P	P	Pn	01 02 56.0 +1.8
		comp=Z,1.5nm,1.2s				
U42A		Revendon	57.61 339 P	P	Pn	01 02 54.5 +0.2
		comp=Z,1.5nm,1.2s				
W38A		Poteau	57.65 336 P	P	Pn	01 02 56.1 +1.4
		comp=Z,1.5nm,1.2s				
V40A		Witts Springs	57.67 338 P	P	Pn	01 02 55.2 +0.3
		comp=Z,1.5nm,1.2s				
PBMO		Poplar Bluff	57.73 340 P	eP	Pn	01 02 55.5 +0.3
		comp=Z,1.9nm,0.4s				
U41A		Viola	57.83 339 P	P	Pn	01 02 56.1 +0.1
		comp=Z,1.5nm,1.2s				
Z33A		Whitaker Ranch	57.92 331 P	P	Pn	01 02 58.8 +2.1
		comp=Z,1.5nm,1.2s				
X36A		Centrahoma	57.96 334 P	P	Pn	01 02 58.4 +1.6
		comp=Z,1.5nm,1.2s				
T43A		Grenville	57.97 341 P	P	Pn	01 02 56.8 0.0
		comp=Z,1.5nm,1.2s				
Y39A		Pettigrew	58.00 337 P	P	Pn	01 02 58.1 +0.9
		comp=Z,1.5nm,1.2s				
Y34A		Reagan Ranch,	58.03 332 P	P	Pn	01 02 59.7 +2.3
		comp=Z,1.5nm,1.2s				
W37B		Quinton	58.07 335 P	P	Pn	01 02 59.0 +1.4
		comp=Z,1.5nm,1.2s				
U40A		Yellville	58.17 338 P	P	Pn	01 02 58.8 +0.5
		comp=Z,1.5nm,1.2s				
Y38A		Canehill	58.31 336 P	P	Pn	01 02 59.7 +0.5
		comp=Z,1.5nm,1.2s				
S43A		Fulton Ridge,	58.35 341 P	P	Pn	01 02 59.4 -0.1
		comp=Z,1.5nm,1.2s				
W36A		Wetumka	58.39 334 P	P	Pn	01 03 00.9 +1.0
		comp=Z,1.5nm,1.2s				

T41A		Mountain View	58.41 339 P	P	Pn	01 03 00.1 +0.1
		comp=Z,1.5nm,1.2s				
U39A		Green Forest	58.42 337 P	P	Pn	01 03 00.4 +0.3
		comp=Z,1.5nm,1.2s				
HHAR		Hobbs	58.50 337 P	eP	Pn	01 03 02.0 +1.4
		comp=Z,1.5nm,1.2s				
V37A		Hulbert	58.61 336 P	P	Pn	01 03 02.8 +1.5
		comp=Z,1.5nm,1.2s				
X34A		Smith Ranch, M	58.61 333 P	P	Pn	01 03 03.2 +1.8
		comp=Z,1.5nm,1.2s				
S42A		Caledonia	58.75 340 P	P	Pn	01 03 02.1 -0.2
		comp=Z,1.5nm,1.2s				
T40A		Mansfield	58.77 339 P	P	Pn	01 03 02.8 +0.3
		comp=Z,1.5nm,1.2s				
U38A		Gravette	58.81 337 P	P	Pn	01 03 03.2 +0.5
		comp=Z,1.5nm,1.2s				
V36A		Jenks	58.84 335 P	P	Pn	01 03 05.3 +2.3
		comp=Z,1.5nm,1.2s				
X33A		Lawton	58.86 332 P	P	Pn	01 03 05.8 +2.7
		comp=Z,1.5nm,1.2s				
TUL1		Leonard	58.89 335 P	P	Pn	01 03 04.0 +0.7
		comp=Z,1.5nm,1.2s				
S41A		Jilco Farms,	58.90 340 P	P	Pn	01 03 03.5 +0.2
		comp=Z,1.5nm,1.2s				
R43A		Red Bud	58.95 341 P	P	Pn	01 03 03.5 -0.2
		comp=Z,1.5nm,1.2s				
T39A		Cleaver	58.95 338 P	P	Pn	01 03 04.3 +0.6
		comp=Z,1.5nm,1.2s				
U37A		Salina	59.05 336 P	P	Pn	01 03 05.9 +1.4
		comp=Z,1.5nm,1.2s				
X32A		Elmer	59.11 332 P	P	Pn	01 03 07.5 +2.6
		comp=Z,1.5nm,1.2s				
S40A		Lebanon	59.16 339 P	P	Pn	01 03 05.6 +0.4
		comp=Z,1.5nm,1.2s				

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, ISC Residual. Includes stations like KSH Kashi, USRK Ussuriysk Arr, SONAO Songino Array, etc.

ISC/JB 31 00:57:23.4, 1.5, 16.84S; 0.07x174.64W; 0.08, h131km, 1.4km, mb4.5/3.1, Error ellipse: s-maj=15.3km s-min=9.0km az=33.0
NEIC 31 00:57:25.3, 1.2, 16.84S; 174.57W, h136km, 1.1km, mb4.7/2.0, Error ellipse: s-maj=11.5km s-min=7.0km az=133.0
IDC 31 00:57:25.4, 2.4, 16.85S; 174.51W, h136km, 2.1km, mb4.0/1.3, mb1.4 2.2/1.5, mb1mx4.1/2.4, mbtmp4.4/1.5, MS3.3/3, Ms1 3.3/3, ms1mx2.9/32.0, Error ellipse: s-maj=20.3km s-min=12.1km az=131.0
ISC 31 00:57:23.0, 0.8, 16.79S; 0.10x174.56W; 0.10, h121km, 77km, n113, c0r88/115, mb4.6/3.1, 3C-3D, Tonga

Main table of seismic stations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, ISC Residual. Includes stations like AFI Afiamalu, MSFV Nonsavu, DZM Mont Dzumac, URZ Urewera, etc.

Table of seismic stations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, ISC Residual. Includes stations like PDAR Pinedale Array, MAW Mawson, KURK Kurchatov Arr, etc.

CSEM 31 01:11:53.0, 0.5, 34.15N; 36.22E, h26km, 3km, ML2.8, Error ellipse: s-maj=11.7km s-min=7.3km az=59.0
GRAL 31 01:11:54.3, 0.3, 34.16N; 36.26E, h17km, 11km, MD2.8
NSCC 31 01:11:51.6, 1.3, 34.08N; 36.20E, h34km, km, ML1.9
ISC 31 01:11:51.6, 1.3, 34.13N; 36.37E; 0.07, h17km, 10km, n16, c0r79/28, Jordan-Syria region

Main table of seismic stations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, ISC Residual. Includes stations like HWQ Hawqa, QASN Qassioun, BHL Bhannes, etc.

Main table of seismic stations with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, ISC Residual. Includes stations like BAR Barrett, SNCC San Nicolas Is, 214A Organ Pipe Nat, etc.

1601

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like DECC Green Verdugo, MCMC Marconi Confer, PASC Pasadena Art C, etc.

ISCJB 31 01:30:49.9±0.5, 43.68S±0.03, 172.61E±0.05, h25km, 5km, mb3.9/2, MS3.3/2, Error ellipse: s-maj=7.1km s-min=-3.5km az=136.9
IDC 31 01:30:50.6±4.2, 43.87S±172.28E, h0km, mb4.0/2, mb1 4.2/2, mb1mx3.6/28, mbtmp4.0/2, MS3.4/2, Ms1 3.3/2, ms1mx3.0/24, Error ellipse: s-maj=262.9km s-min=42.7km az=38.0

WEL 31 01:30:51.8±0.1, 43.60S±172.45E, h9km, ML4.7/78, Mw4.3, Error ellipse: s-maj=0.6km s-min=0.5km az=0.0
WEL Felt between Canterbury and Southland, maximum reported intensity MM 5.

NEIC 31 01:30:51.7, 43.60S±172.44E, h9km, ML4.8(WEL), After WEL.

NEIC Felt in Canterbury.
ISC 31 01:30:51.1±0.8, 43.56S±0.05, 172.50E±0.04, h17km±7km, n136, ±0.18/113, 11C-5D, South Island

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like CRLZ Canterbury Las, MOZ McQueen's Vall, OXZ Oxford, etc.

2011 AUG

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like HHSZ Highcliff Hill, QRTZ Quartz Range, JCBZ Jackson Bay, etc.

31d 1h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KAHZ Kahuranaki, OTVZ Otutere, TWVZ Taurewa, etc.

ISCJB 31 01:52:50.2±1.0, 6.07S±0.07, 147.5E±0.2, h77km, mb3.7/7, Error ellipse: s-maj=29.5km s-min=10.2km az=2.8
IDC 31 01:52:52.2±3.5, 6.12S±147.55E, h82km, 31km, mb3.6/7, mb1 3.8/9, mb1mx3.6/31, mbtmp4.0/9, MS3.2/2, Ms1 3.2/2, ms1mx2.7/25, Error ellipse: s-maj=34.8km s-min=23.2km az=97.0
ISC 31 01:52:51.6±1.1, 6.10S±0.09, 147.6E±0.3, h77km, n11, ±0.86/11, mb3.8/7, Eastern New Guinea region

31c 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, etc.

ISCJB 31 02:04:31.0... 6.82N; 0.04x73.08W; 0.05, h154km, 7km, Error ellipse: s-maj=10.4km s-min=4.7km az=34.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Barichara, Barranca, Sant, RUSC, etc.

MEX 31 02:53:54.2... 17.86N; 103.97W, h4km, 46km, MD3.5, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like R15V, EZSV, MMIG, etc.

MEX 31 02:56:48.9... 19.57N; 105.00W, h11km, 12km, MD3.9, Near coast of Jalisco

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like R15V, PUVV, ANIG, etc.

ISCJB 31 03:06:58.6... 1.0, 31.48S; 0.08; 69.42W; 0.09, h117km, 10km, Error ellipse: s-maj=17.5km s-min=5.8km az=135.0

GUA 31 03:06:58.4... 0.7, 31.40S; 70.09W, h155km, 28km, ML3.3

SJC 31 03:06:58.2... 0.9, 31.48S; 69.42W, h111km, 5km, ML3.3, MW3.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RTLS, SJA, AUSP, etc.

2011 AUG

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANTU, RCDM, ACHE, etc.

ISCJB 31 03:07:55.8... 0.8, 19.1S; 0.2; 177.7W; 0.2, h570km, mb3.5/7, Error ellipse: s-maj=37.4km s-min=15.4km az=145.8

ISC 31 03:07:56.9... 0.9, 19.0S; 0.2; 177.7W; 0.2, h570km, n8, 0.57178, mb3.7/7, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI, STKA, WRA, etc.

BJJ 31 03:08:28.9... 2.09N; 96.34E, h41km, mb5.1/67, mb5.1/50, Ms4.8/58, Ms7.4/55

ISCJB 31 03:08:27.6... 0.5, 2.48N; 0.03; 96.34E; 0.03, h38km, 4km, mb4.9/120, MS4.4/44, Error ellipse: s-maj=5.4km s-min=3.9km az=135.5

MOS 31 03:08:27.3... 1.0, 2.56N; 96.37E, h33km, mb5.2/40, MS4.5/5, Error ellipse: s-maj=8.1km s-min=5.0km az=116.7

ISC 31 03:08:27.0... 2.2, 2.50N; 96.36E, h20km, 13km, mb4.6/31, mb1.4/73, mb1mx4.6/49, mbtmp4.7/33, ML4.4, 3/2, Ms1.4/32, ms1mx4.1/51, Error ellipse: s-maj=15.7km s-min=10.4km az=40.0

KLM 31 03:08:28.2... 2.53N; 96.19E, h42km, mb5.0, NEIC 31 03:08:29.2... 0.6, 2.48N; 96.35E, h38km, 5km, mb5.0/48, Error ellipse: s-maj=5.6km s-min=3.1km az=47.0

NEIC Felt (III) on Simeulue, GCMT 31 03:08:29.2... 0.4, 2.16N; 96.28E, h32km, 1km, MW5.0/65, Moment Tensor Solution. s31,c42; s65,c87; Duration: 0 Moment tensor: Scale 10^16Nm; Mr2.62; 18; Mw=1.0; 10; Mw=0.75; 12; Ms1.70; 12; Ms1.35; 07; M=1.0; 14; Best double couple: M3.34000x10^16 Np1=122.00000; p63.00000; a88.00000; NP2: p63.00000; s27.00000; a94.00000; Principal axes: T 3.2650, P122.0000, N 0.1460, P122.0000; Az=135.0000; Az=13.0000; -3.4140, P122.0000; Az=13.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 31 03:08:28.5... 0.6, 2.48N; 0.04; 96.30E; 0.04, h32km, 4km, n358, s143/386, mb5.0/123, MS4.4/45, 35C-23D, Northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GSI, PSI, LHMI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KGM, KTGM, GPRP, etc.

1602

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QIZ, TSM, MYLDM, etc.

HHC		sP	pP	03 16 21.0 +5.9
HHC		S	SS	03 22 13.8 +0.5
HHC		SS	SS	03 25 11.8 -2.4
HHC	comp-Z,55nm,0.8s	pmx	pmx	
HHC	comp-Z,320nm,5.6s	LR	LR	
HHC	comp-Z,680nm,14.7s	LR	LR	
HHC	comp-Z,750nm,14.6s	LR	LR	
HHC	comp-Z,470nm,15.5s	LR	LR	
H01W3	Cape Leeuwin H 40.76 157	T	T	03 59 21.1
H01W3	baz=333,slow=76,SNR=902			
KBL	Kabul 40.77 325 eP	P	P	03 16 07.1 0.0
KBL	comp-Z,28nm,1.8s	pmx	pmx	
KBL	comp-Z,28nm,1.8s	pmx	pmx	
H01W2	Cape Leeuwin H 40.77 157	T	T	03 59 20.0
H01W1	Cape Leeuwin H 40.78 157	T	T	03 59 18.2
H01W1	baz=333,slow=76,SNR=1635			
KSH	Kashi 41.24 336 P	P	P	03 16 09.5 -1.3
KSH	comp-Z,29nm,0.9s	eP	eP	03 16 21.5 +1.1
KSH	comp-Z,29nm,0.9s	eS	eS	03 16 26.5 +2.3
KSH	comp-Z,29nm,0.9s	eP	eP	03 21 54.3 +2.8
KSH	comp-Z,29nm,0.9s	eS	eS	03 21 59.5 +1.1
KSH	comp-Z,29nm,0.9s	SS	SS	03 22 18.5 -4.3
KSH	comp-Z,29nm,0.9s	SS	SS	03 25 17.0 -10
KSH	comp-Z,10.0nm,0.7s	pmx	pmx	
KSH	comp-Z,120nm,3.6s	LR	LR	
KSH	comp-Z,240nm,13.6s	LR	LR	
KSH	comp-Z,140nm,9.5s	LR	LR	
KSH	comp-Z,470nm,21.7s	LR	LR	
BJT	Baijituau 41.49 23 eP	P	P	03 16 13.5 +0.9
BJT	comp-Z,72nm,0.8s	pmx	pmx	
BJT	Baijituau 41.49 23 eP	P	P	03 16 13.5 +0.9
BJT	comp-Z,72nm,0.8s	pmx	pmx	
BJJ	Beijing 41.51 23 P	P	P	03 16 13.5 +0.7
BJJ	comp-Z,72nm,0.8s	pmx	pmx	
BJJ	comp-Z,100nm,0.8s	pmx	pmx	
BJJ	comp-Z,350nm,4.2s	LR	LR	
BJJ	comp-Z,600nm,16.1s	LR	LR	
BJJ	comp-Z,420nm,14.0s	LR	LR	
BJJ	comp-Z,310nm,16.2s	LR	LR	
WMQ	Urumqi 41.87 351 P	P	P	03 16 16.8 +1.0
WMQ	comp-Z,14nm,1.1s	pmx	pmx	
WMQ	comp-Z,78nm,3.7s	LR	LR	
WMQ	comp-Z,180nm,23.1s	LR	LR	
WMQ	comp-Z,150nm,24.9s	LR	LR	
WMQ	comp-Z,170nm,23.1s	LR	LR	
WMO	Wadi Sarin 41.90 303 P	P	P	03 16 17.9 +1.5
WMO	comp-Z,4.1nm,1.0s,ba=121,slow=5.9,SNR=3.7			
DL2	Dalian 42.99 29 P	P	P	03 16 25.0 +0.1
DL2	comp-Z,69nm,0.8s	pmx	pmx	
DL2	comp-Z,250nm,4.2s	LR	LR	
DL2	comp-Z,750nm,15.2s	LR	LR	
DL2	comp-Z,850nm,13.8s	LR	LR	
DL2	comp-Z,900nm,15.9s	LR	LR	
WRA	Warramunga Arr 43.47 123 P	P	P	03 16 28.4 -0.8
WRA	comp-Z,13nm,0.8s,ba=301,slow=9.2,SNR=50			
WRA	comp-Z,381nm,21.4s,ba=290,slow=37			
WRAP	Tennant Creek 43.48 123 eP	P	P	03 16 28.4 -0.8
WRAP	comp-Z,18nm,0.9s	pmx	pmx	
WRAB	Tennant Creek 43.48 123 eP	P	P	03 16 28.4 -0.8
WRAB	comp-Z,18nm,0.9s	pmx	pmx	
WRB	Tennant Creek 43.48 123 eP	P	P	03 16 28.4 -0.8
WRB	comp-Z,18nm,0.9s	pmx	pmx	
WAB	Warramunga Arr 44.88 128 P	P	P	03 16 28.9 -0.3
WAB	comp-Z,32nm,1.2s	pmx	pmx	
AAK	Ala-Archa 44.48 337 P	P	P	03 16 38.6 +1.5
AAK	comp-Z,5.2nm,0.7s,ba=169,slow=8.0,SNR=11			
AAK	Ala-Archa 44.48 337 eP	P	P	03 16 38.0 +0.9
AAK	comp-Z,16nm,1.0s	pmx	pmx	
AAK	Ala-Archa 44.48 337 eP	P	P	03 16 38.1 +1.0
AAK	comp-Z,11nm,0.8s	pmx	pmx	
FRU	Bishkek 44.60 337 eP	P	P	03 16 38.5 +0.6
FRU	comp-Z,11nm,0.8s	pmx	pmx	
FRU	comp-Z,70nm,2.2s	pmx	pmx	
FORT	Forrest 44.83 140 eP	P	P	03 16 40.6 +0.9
FORT	comp-Z,165nm,0.7s	pmx	pmx	
ASAR	Alice Springs 44.88 128 P	P	P	03 16 40.0 -0.4
ASAR	comp-Z,5.5nm,0.7s,ba=305,slow=7.8,SNR=52			
ASAR	comp-Z,2.0nm,0.8s,ba=305,slow=4.0,SNR=5.2			
ASAR	comp-Z,0.4nm,0.8s,ba=301,slow=2.3,SNR=5.1			
ASAR	comp-Z,408nm,21.0s,ba=318,slow=38			
AS01	Alice Springs 44.92 128 eP	P	P	03 16 39.8 -0.8
KSAR	Wonju Array Be 45.30 36 P	P	P	03 16 43.0 -0.4
KSAR	comp-Z,43.0nm,0.8s	pmx	pmx	
KSAR	Wonju Array Be 45.30 36 P	P	P	03 22 14.9 +1.5
KSAR	comp-Z,43.0nm,0.8s	pmx	pmx	
KS01	Wonju Array Si 45.33 36 eP	P	P	03 16 42.5 -1.1
KSRS	Korea Array 45.33 36 P	P	P	03 16 43.0 -0.7
KSRS	comp-Z,4.8nm,0.9s,ba=226,slow=8.7,SNR=22			
KSRS	comp-Z,0.4nm,0.5s,ba=219,slow=5.8,SNR=4.6			
KSRS	comp-Z,761nm,18.1s,ba=208,slow=39			
MK01	Makanchi Array 45.77 347 eP	P	P	03 16 46.7 -0.4
MK31	Makanchi Array 45.80 347 iP	P	P	03 16 46.8 -0.5
MK31	comp-Z,261nm,0.8s	pmx	pmx	
MK31	Makanchi Array 45.80 347 eP	P	P	03 16 47.2 0.0
MKAR	Makanchi Array 45.80 347 eP	P	P	03 16 47.2 -0.1
MKAR	comp-Z,261nm,0.8s	pmx	pmx	
MAKZ	Makanchi 45.88 346 iP	P	P	03 16 47.4 -0.5
MAKZ	comp-Z,37nm,0.7s	pmx	pmx	
MAKZ	Makanchi 45.88 346 eP	P	P	03 16 47.7 -0.2
MAKZ	comp-Z,42nm,0.7s	pmx	pmx	
SONM	Songino Array 46.02 9 P	P	P	03 16 49.0 -0.1
SONM	comp-Z,22nm,0.8s,ba=191,slow=8.2,SNR=98			
SONM	comp-Z,5.6nm,0.7s,ba=192,slow=3.9,SNR=5.1			
SONA1	Songino Array 46.03 9 eP	P	P	03 16 48.2 -1.1
SNY	Shenyang 46.20 28 iP	P	P	03 16 50.0 -0.4
SNY	comp-Z,18nm,0.6s	pmx	pmx	
SNY	comp-Z,160nm,3.9s	LR	LR	
SNY	comp-Z,440nm,13.2s	LR	LR	
SNY	comp-Z,800nm,13.8s	LR	LR	
SNY	comp-Z,900nm,15.3s	LR	LR	
KK31	Karatay Array 46.52 334 iP	P	P	03 16 53.5 +0.5
KK31	comp-Z,15nm,1.0s	pmx	pmx	
KKAR	Karatay Array 46.52 334 eP	P	P	03 16 53.8 +0.8

KKAR	comp-Z,86nm,0.9s	pmx	pmx	
KKAR	Karatay Array 46.52 334 eP	P	P	03 16 53.8 +0.8
QIS	Mount Isa 48.22 120 P	P	P	03 17 06.5 -0.1
QIS	baz=48,SNR=7.6			
CN2	Changchun 48.59 28 eP	P	P	03 17 08.3 -0.8
CN2	comp-Z,20nm,1.1s	eP	eP	03 17 20.5 -2.1
CN2	comp-Z,20nm,1.1s	eS	eS	03 24 07.0 -1.8
CN2	comp-Z,400nm,15.0s	LR	LR	
CN2	comp-Z,600nm,15.0s	LR	LR	
CN2	comp-Z,200nm,17.0s	LR	LR	
COEN	Coen 49.25 111 P	P	P	03 17 13.7 -0.9
COEN	baz=49,SNR=4.5			
COEN	Coen 49.25 111 eP	P	P	03 17 13.5 -1.1
COEN	comp-Z,17nm,0.9s	pmx	pmx	
TLY	Talaya 49.42 6 P	P	P	03 17 15.5 +0.2
TLY	comp-Z,22nm,0.8s,ba=147,slow=4.2,SNR=30			
TLY	comp-Z,568nm,19.1s,ba=171,slow=39			
TLY	Talaya 49.42 6 eP	P	P	03 17 15.8 +0.5
TLY	comp-Z,29nm,0.9s	pmx	pmx	
TLY	comp-Z,396nm,17.0s	MLR	MLR	
TLY	Talaya 49.42 6 eP	P	P	03 17 16.3 +1.0
TLY	comp-Z,24nm,0.8s	pmx	pmx	
GEYT	Alibek 49.66 320 P	P	P	03 17 18.1 +0.7
GEYT	comp-Z,15nm,0.8s,ba=147,slow=8.5,SNR=38			
IRK	Irkutsk 50.04 6 eP	P	P	03 17 20.6 +0.6
IRK	comp-Z,60nm,0.8s	pmx	pmx	
KURK	Kurchatov 50.34 345c iP	P	P	03 17 22.1 -0.1
KURK	comp-Z,145nm,1.3s	pmx	pmx	
KURK	Kurchatov 50.34 345 eP	P	P	03 17 22.3 0.0
KURK	comp-Z,33nm,1.0s	pmx	pmx	
MDJ	Mudanjiang 51.21 30 P	P	P	03 17 29.3 +0.3
MDJ	comp-Z,41nm,0.9s	eP	eP	03 17 40.5 -2.0
MDJ	comp-Z,41nm,0.9s	eS	eS	03 17 45.5 +6.8
MDJ	comp-Z,41nm,0.9s	eP	eP	03 19 26.0 0.0
MDJ	comp-Z,41nm,0.9s	eS	eS	03 24 02.0 -3.2
MDJ	comp-Z,41nm,0.9s	eS	eS	03 25 00.3 -1.0
MDJ	comp-Z,41nm,0.9s	ScS	ScS	03 27 16.0 -1.2
MDJ	comp-Z,41nm,0.9s	SS	SS	03 28 18.5 -2.6
MDJ	comp-Z,11nm,0.8s	pmx	pmx	
MDJ	comp-Z,89nm,6.1s	LR	LR	
MDJ	comp-Z,340nm,16.8s	LR	LR	
MDJ	comp-Z,430nm,16.3s	LR	LR	
MDJ	comp-Z,420nm,17.3s	LR	LR	
MAJO	Matsushiro 51.37 44j eP	P	P	03 17 30.0 -0.4
MAJO	comp-Z,41nm,0.9s	pmx	pmx	
MAJO	Matsushiro 51.37 44 eP	P	P	03 17 30.1 -0.2
MAJO	comp-Z,8.6nm,0.5s	pmx	pmx	
MJAR	Matsushiro Arr 51.38 44 P	P	P	03 17 30.0 -0.4
MJAR	comp-Z,4.3nm,1.0s,ba=221,slow=5.3,SNR=8.1			
MJAR	comp-Z,289nm,18.6s,ba=225,slow=38			
MTSU	Mount Surprise 51.52 115 P	P	P	03 17 31.9 +0.2
MTSU	baz=52,SNR=9.8			
PMG	Port Moresby 52.03 104 LR	LR	LR	03 43 05.3
PMG	comp-Z,130nm,19.0s,ba=247,slow=40			
PMG	Port Moresby 52.03 104c iP	P	P	03 17 35.0 -0.6
PMG	comp-Z,90nm,1.0s	pmx	pmx	
PMG	Port Moresby 52.03 104 eP	P	P	03 17 35.5 0.0
PMG	comp-Z,90nm,1.0s	pmx	pmx	
USRK	Ussuriysk Ar 52.16 32 P	P	P	03 17 36.0 0.0
USRK	comp-Z,41nm,0.9s	pmx	pmx	
ZAAO	Zalesovo Array 52.17 351 eP	P	P	03 17 35.9 -0.1
ZAAO	comp-Z,4.4nm,0.7s,ba=182,slow=6.0,SNR=77			
ZALV	Zalesovo Beam 52.17 351 P	P	P	03 17 35.6 -0.3
ZALV	comp-Z,3nm,1.0s	pmx	pmx	
DAMY	Dhamar 52.59 286 eP	P	P	03 17 39.2 -0.9
DAMY	comp-Z,3nm,1.0s	pmx	pmx	
NVS	Novosibirsk 53.27 351 eP	P	P	03 17 43.7 -0.4
NVS	comp-Z,40nm,1.1s	pmx	pmx	
NVS	Novosibirsk 53.27 351 eP	P	P	03 17 53.3
NVS	comp-Z,40nm,1.1s	pmx	pmx	
CTAO	Charters Tower 53.88 117 eP	P	P	03 17 48.8 -0.3
CTAO	comp-Z,127nm,0.9s	pmx	pmx	
CTAO	Charters Tower 53.88 117 eP	P	P	03 17 48.8 -0.3
CTAO	comp-Z,127nm,0.9s	pmx	pmx	
QLP	Quilpie 54.53 125 P	P	P	03 17 54.5 +0.7
QLP	comp-Z,55,SNR=6.6			
BVAO	Borovoye Array 54.76 341 iP	P	P	03 17 54.1 -0.9
BVAO	comp-Z,15nm,0.8s	pmx	pmx	
BVAO	Borovoye Array 54.76 341 LR	LR	LR	03 43 47.9
BVAO	comp-Z,358nm,20.3s,ba=176,slow=39			
BRVK	Borovoye 54.82 341c iP	P	P	03 17 54.8 -0.6
BRVK	comp-Z,36nm,0.7s	pmx	pmx	
BRVK	Borovoye 54.82 341 eP	P	P	03 17 54.9 -0.6
BRVK	comp-Z,5nm,0.8s	pmx	pmx	
STKA	Stephens Creek 54.88 132 P	P	P	03 17 56.1 -0.1
STKA	comp-Z,9.0nm,1.0s,ba=301,slow=6.1,SNR=11			
STKA	comp-Z,383nm,20.7s,ba=312,slow=38			
STKA	Stephens Creek 54.88 132 P	P	P	03 17 56.3 +0.1
STKA	comp-Z,55,SNR=5.1			
STKA	Stephens Creek 54.88 132 eP	P	P	03 17 56.6 +0.4
STKA	comp-Z,5.0nm,1.4s	pmx	pmx	
STKA	Stephens Creek 54.88 132 eP	P	P	03 17 56.6 +0.4
STKA	comp-Z,4.7nm,1.4s	pmx	pmx	
KLR	Kul'dur 55.53 27 P	P	P	03 18 01.4 +0.7
KLR	comp-Z,27nm,0.9s,ba=245,slow=7.6,SNR=68			
KLR	comp-Z,531nm,18.4s,ba=230,slow=40			
KLR	Kul'dur 55.53 27c iP	P	P	03 18 00.5 -0.1
AB31	Akbulak array 55.97 332 iP	P	P	03 18 03.4 -0.4
AB31	comp-Z,21nm,0.8s	pmx	pmx	
ABKAR	Akbulak array 55.97 332 eP	P	P	03 18 03.6 -0.2
ABKAR	comp-Z,170nm,0.9s	pmx	pmx	
BOD	Bodaibo 56.93 11 eP	P	P	03 18 10.3 -0.2
BOD	comp-Z,22nm,1.7s	pmx	pmx	
CMSA	Cobar Meteorol 57.80 130 P	P	P	03 18 17.6 +0.6
CMSA	baz=58,SNR=16			
RMQ	Roma 58.23 123 P	P	P	03 18 21.5 +1.3
RMQ	baz=58,SNR=4.9			
KMBO	Kilima Mbo 59.14 267 P	P	P	03 18 28.8 +1.8
KMBO	comp-Z,4.8nm,0.9s,ba=53,slow=7.7,SNR=11			
KMBO	Kilima Mbo 59.14 267 eP	P	P	03 18 29.3 +2.2
KMBO	comp-Z,5.0nm,0.9s	pmx	pmx	
KMBO	Kilima Mbo 59.14 267 eP	P	P	03 18 28.7 +1.6
KMBO	comp-Z,11nm,0.9s	pmx	pmx	
GNI	Garni 59.76 316deP	P	P	03 18 31.6 +0.8
GNI	comp-Z,40nm,1.7s	pmx	pmx	
GNI	Garni 59.76 316 eP	P	P	03 1

31d 5h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NONG Nongkai, B08A Colville Reser, SKNT Sakonakorn, etc.

2011 AUG

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like H17A Grant Village, IMW Indian Meadow, RLMT Red Lodge, etc.

1608

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KIV Kislovodsk, KBZ Khabaz, KBZ Khabaz, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, h m s Res. Includes stations like GOPEC, WTSB, VYHNS, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, h m s Res. Includes stations like MYKA, MOTA, ECH, ABTA, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, h m s Res. Includes stations like MTRV, RUS, RUS, etc.

31d 5h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like JFK, BSO1, ASH, ICH, RYOG, etc.

2011 AUG

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like LZH, GYA, GYA, GYA, etc.

1610

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like YUK2, YUK3, YUK3, etc.

PGC 31 05:27:53.4:0.0, 61:59N:141:05W, h5km, ML2.8, ML2.6/10, NEIC 31 05:27:53.1, 61:63N:141:11W, h0km, ML2.6(AEIC), After AEIC. ISC 31 05:27:52.8:1.1, 61:60N:0:02:141:07W:0:02, h2km:11km, n44, e130/63, Southern Alaska

31d 7h

2011 AUG

1612

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Rows include stations like 334A Lometa, 40A Yellville, 39A Pettigrew, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Rows include stations like P36A Good Intent, R34A Isabella Hill, PTGA Pihnga, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Rows include stations like HLID Hailey, HLID Vestal, VES Vestal, etc.

IDC 31 07:37:36.47, 4.253N, 126.03E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.4/31, mbtmp3.6/3, Error ellipse: s-maj=169.5km s-min=116.6km azp=71.0, Northern

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek.

IDC 31 07:39:58.62, 6.263N, 142.63E, h0km, mb3.1/1, mb1 3.5/4, mb1mx3.3/33, mbtmp3.3/4, ML2.9/3, Error ellipse: s-maj=61.8km s-min=29.1km azp=149.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Rows include OFUJ Ofunato, OFUJ Miyakonagasawa, MIYJ Miyako, etc.

IDC 31 07:40:01.42, 2.391N, 116.05E, 142.3E, 0.1, h24km, 14km, n16, c-165/24, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Rows include OFUJ Ofunato, MIYJ Miyako, JMK Jimok, etc.

ISCJB 31 07:46:07.7, 0.7, 37.83S, 0.05:75, 15W, 0.08, h33km, mb4.0/9, MS3.7/2, Error ellipse: s-maj=9.8km s-min=6.8km azp=21.3

GUC 31 07:46:07.7, 0.4, 37.24S, 75:61W, h25km, ML3.9, IDC 31 07:46:09.0, 7.8, 38.10S, 75:26W, h33km, 59km, mb3.8/9, mb1 4.0/10, mb1mx3.9/20, mbtmp4.0/10, ML3.9/1, MS3.6/3, Ms1 3.5/3, ms1mx3.1/21, Error ellipse: s-maj=36.5km s-min=20.3km azp=85.0

ISC 31 07:46:09.6, 0.8, 37.85S, 0.07:75, 22W, 0.10, h35km, n29, c-165/24, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Rows include CCSP San Pedro de C, COCH Cobquecra, CCHI Chillan, etc.

31D 9h

Table with columns: ARTV, Artvin, 1.72 217, i P, Pn, 08 17 09.9 -0.3, etc.

NNC 31 09:12:45.9-0.1, 37.65N-141.79E, h42km, 3km, M3.9,

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, etc.

JMA 31 09:12:45.9-0.1, 37.65N-141.79E, h42km, 3km, M3.9,

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, etc.

NIED 31 09:12:00, 38.30N-141.90E, h47km, Mw4.4 Best double

couple: M4.35000-1015 NP1.192.00000; 823.00000, 1.74.00000...

ISCJCB 31 09:12:50.5-0.6, 38.29N-141.78E, h50km, 5km, mb4.9/15,

ms4.4/15, Ms7.4/3/12 Error ellipse: s-maj=7.7km

MOS 31 09:12:50.7-0.8, 38.46N-141.62E, h40km, mb4.9/15, Error

ellipse: s-maj=10.3km s-min=7.2km az=95.8

JMA 31 09:12:51.5-0.1, 38.32N-141.89E, h45km, 1km, M4.1

JMA Felt 1/11

IDC 31 09:12:51.8-0.6, 38.22N-141.78E, h50km, 5km, mb3.9/20,

mb1.4/1/25, mb1mx4.0/35, mbtmp4.1/25, MS3.5/12

NEIC 31 09:12:52.7-0.6, 38.40N-141.74E, h51km, 5km, mb4.7/16,

Error ellipse: s-maj=6.9km s-min=4.6km az=132.0

NEIC Felt at Ichinoseki. Recorded [2 JMA] in Iwate and Miyagi.

ISC 31 09:12:52.1-0.5, 38.31N-141.85E-0.05, h47km, 4km,

h46km: p-P, n132, s121/143, mb4.5/48, MS3.6/10, SC-1D,

Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, etc.

2011 AUG

Main table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, etc.

1614

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, etc.

MEX 31 09:26:38.6-0.6, 16.62N-99.42W, h10km, 7km, MD3.9,

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, etc.

SJA 31 09:29:31.1-1.1, 32.13S-71.34W, h76km, 18km, ML2.7,

MW3.1

GUC 31 09:29:32.7-0.7, 32.12S-71.28W, h65km, 8km, ML2.8

ISC 31 09:29:31.6-2.8, 32.08S-70.07W-0.1, h20km-17km,

n15, c045/21, 3C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, etc.

31d 9h

Table of meteorological data for 31 days, 9 hours. Columns include station name, elevation, time, and various atmospheric parameters like pressure, temperature, and wind speed.

2011 AUG

Table of meteorological data for August 2011. Columns include station name, elevation, time, and various atmospheric parameters.

1616

Table of meteorological data for 1616. Columns include station name, elevation, time, and various atmospheric parameters.

IDC 31 09:53:19.8-1.9, 19.065:166.65E, h0km, mb3.9/4,
 mb1 4.2/4, mb1mx3.7/33, mbtmp3.9/4, ML3.0/1, Error
 ellipse: s-maj=39.3km s-min=29.7km az=96.0, Vanuatu
 Islands region
 Code Station Name Δ^a AZ^b Phase ID Time Res
 h m s ISC
 DZM Mont Dzumac 3.01 184 Op P 09 54 08.2 -0.6
 1.9nm, 0.3s, baz=319, slow=2, SNR=16
 DZM Sn Sn 09 54 47.5 +1.9
 1.8nm, 0.3s, baz=139, slow=19, SNR=3.8
 WRA Warramunga Arr 30.45 263 P P 09 59 34.0 -0.4
 0.2nm, 0.6s, baz=82, slow=6, SNR=4.0
 ASAR Alice Springs 30.80 256 P P 09 59 38.1 +0.6
 3.1nm, 0.6s, baz=83, slow=8, SNR=55
 FITZ Fitzroy Crossi 38.83 265 P P 10 00 46.3 -0.5
 2.2nm, 0.6s, baz=97, slow=3, SNR=4.7
 ILAR Eilsion Array 90.80 187 P P 10 06 24.6 +0.1
 0.3nm, 0.7s, baz=232, slow=5.6, SNR=4.5

IDC 31 09:56:14.6:0.5, 18.705:167.64E, h0km, mb4.6/22
 mb1 4.7/23, mb1mx4.6/35, mbtmp4.6/23, ML3.9/1, MS3.9/13,
 Ms1 3.8/13, ms1mx3.6/31, Error ellipse: s-maj=17.0km
 s-min=13.4km az=06.0
 BUJ 31 09:56:16.9, 18.945:167.42E, h19km, mb4.9/37, mb5.1/28,
 Ms5.1/7, Ms7.4/8.6
 MOS 31 09:56:19.4:1.1, 18.685:167.45E, h38km, mb5.3/36, Error
 ellipse: s-maj=10.4km s-min=8.7km az=47.0
 ISCJB 31 09:56:19.1:1.4, 18.735:0.04:167.52E:0.03, h36km, 12km,
 mb5.1/135, MS3.9/15, Error ellipse: s-maj=6.0km
 s-min=5.5km az=174.7
 NEIC 31 09:56:21.0:0.8, 18.765:167.53E, h42km, 7km, mb5.2/115,
 Error ellipse: s-maj=4.7km s-min=4.6km az=176.0
 GCMT 31 09:56:21.0:0.3, 18.645:167.40E, h14km, 1km, MW4.9/83,
 Moment Tensor Solution: c22, c23; s83, c117; Duration:
 0 Moment tensor: Scale 1015Nm; Mr=2.45; 16;
 Mw=0.37; 0.9; M=0.08; 1.1; Mw0.42; 2.9; Mw=0.24; 0.6;
 Mw1.16; 2.2; Best double couple: M2.58400; 1016
 NP1s184.00000; s59.00000; λ-79.00000; NP2:
 q344.00000; s33.00000; λ-107.00000; Principal axes:
 T 2.3680, Plg13.0000; Azm266.0000; N 0.4330,
 Plg9.0000; Azm358.0000; P -2.8000, Plg74.0000;
 Azm122.0000; nst1 refers to body waves, cutoff=40s.
 nst2 refers to surface waves, cutoff=50s.

Code	Station Name	Δ ^a	AZ ^b	Phase	ID	Time	Res
						h m s	ISC
DZM	Mont Dzumac	3.38	198	Op	Pn	09 57 08.9	-1.8
DZM				Sn		09 57 47.3	-2.5
DZM		102nm, 0.3s, baz=310, slow=23, SNR=17					
DZM	Mont Dzumac	3.38	198	ePn	Pn	09 57 07.7	-3.0
DZM		comp=Z, 727nm, 21.2s, baz=22, slow=27					
DZM		75nm, 0.2s					
DZM	Mont Dzumac	3.38	198	ePn	Pn	09 57 07.1	-3.6
DZM		comp=Z, 75nm, 1.0s					
DZM		258nm, 0.3s					
DZM	Mont Dzumac	3.38	198	ePn	Pn	09 57 49.4	-0.3
DZM		comp=Z, 369nm, 26.2s					
DZM		09 58 44.1 +2.1					
MSVF	Nonsavu	10.03	85	ePn	Pn	09 58 44.1	+2.1
MSVF	Nonsavu	10.03	85	ePn	Pn	09 58 44.1	+2.1
HNR	Honiara	11.90	321	LR	LR	10 03 04.8	
HNR	Honiara	11.90	321	ePn	Pn	09 59 06.9	-0.7
EIDS	Eidsvold	16.58	244	P	P	10 00 12.0	-0.4
EIDS		comp=Z, 156nm, 18.7s, baz=158, slow=35					
EIDS	Eidsvold	16.58	244	ePn	Pn	10 00 12.9	+0.5
EIDS		comp=Z, 58nm, 1.1s					
Ouz	Omaha	17.18	163	eP	P	10 00 20.1	+1.2
Ouz		120nm, 1.6s					
ARMA	Armidale	18.48	228	P	Pn	10 00 34.9	+1.1
ARMA		comp=Z, 19, SNR=5.8					
ARMA	Armidale	18.48	228	eP	Pn	10 00 35.5	+1.8
ARMA		comp=Z, 126nm, 1.6s					
RMQ	Roma	18.93	243	P	Pn	10 00 41.7	+2.6
RMQ		comp=Z, 19, SNR=9.9					
CTA	Charters Tower	20.12	263	P	P	10 00 52.5	+1.1
CTA		comp=Z, 950nm, 21.8s, baz=65, slow=33					
CTA	Charters Tower	20.12	263	eP	P	10 00 50.2	-1.2
CTA		comp=Z, 75nm, 1.0s					
CTA	Charters Tower	20.12	263	eP	P	10 00 50.2	-1.2
CTA		comp=Z, 75nm, 1.0s					
AFI	Afihamu	20.42	79	LR	LR	10 07 26.4	
AFI		comp=Z, 376nm, 21.5s, baz=376, slow=33					
MGCD	Mangrove Creek	20.53	223	P	P	10 00 57.0	+1.3
MGCD		comp=Z, 21, SNR=5.1					
HIZ	Haiti	20.61	164	ePn	Pn	10 00 59.6	+0.7
HIZ		comp=Z, 86nm, 0.9s					
MXZ	Matakoa Point	20.90	155	eP	Pn	10 01 01.6	-0.6
MXZ		comp=Z, 264nm, 1.7s					
RABL	Rabaul	20.93	312	eP	P	10 01 01.4	+1.3
RABL		comp=Z, 92nm, 0.8s					
URZ	Urewera	21.07	159	P	P	10 01 03.2	+1.8
URZ		comp=Z, 23nm, 0.7s, baz=353, slow=5.7, SNR=12					
URZ		10 08 34.1					
URZ	Urewera	21.07	159	eP	P	10 01 03.1	+1.7
URZ		comp=Z, 7nm, 1.1s					
BKZ	Black Stump Fm	21.69	161	eP	P	10 01 09.5	+1.3
BKZ		comp=Z, 52nm, 0.8s					
PMG	Port Moresby	21.86	293	P	P	10 01 10.7	+0.5
PMG		comp=Z, 16nm, 0.8s, baz=176, slow=16, SNR=3.2					
PMG	Port Moresby	21.86	293	eP	P	10 01 12.5	+2.3
PMG		comp=Z, 487nm, 20.0s, baz=109, slow=31					
PMG		10 01 12.5 +2.3					
PMG	Port Moresby	21.86	293	eP	P	10 01 12.5	+2.3
PMG		comp=Z, 49nm, 1.1s					
MTSU	Mount Surprise	22.05	268	P	P	10 01 13.5	+1.3
MTSU		comp=Z, 49nm, 1.1s					
QLP	Quilpie	22.83	246	P	P	10 01 21.3	+0.9
QLP		comp=Z, 22, SNR=6.9					
YNG	Young	22.98	224	P	P	10 01 27.4	+5.5
YNG		comp=Z, 23, SNR=33					
CNB	Canberra Magne	23.00	221	P	P	10 01 24.3	+2.2
CNB		comp=Z, 23, SNR=14					
BFZ	Birch Farm	23.02	163	eP	P	10 01 23.2	+1.0
BFZ		comp=Z, 101nm, 1.4s					
SNZO	South Karori	23.22	166	eP	P	10 01 25.5	+1.3
SNZO		comp=Z, 275nm, 1.6s					
CAN	Canberra	23.23	221	eP	P	10 01 25.9	+1.4
CAN		comp=Z, 94nm, 1.5s					
CAN	Canberra	23.23	221	eP	P	10 01 25.9	+1.4
CAN		comp=Z, 94nm, 1.5s					
THZ	Tophouse	23.31	170	eP	P	10 01 26.1	+0.9
THZ		comp=Z, 44nm, 0.8s					
COEN	Cobar Meteorol	23.43	233	P	P	10 01 27.8	+1.4
COEN		comp=Z, 24, SNR=2.9					
COEN	Coen	23.87	278	eP	P	10 01 31.8	+1.0
COEN		comp=Z, 24, SNR=6.6					
COEN	Coen	23.87	278	eP	P	10 01 31.4	+0.6
COEN		comp=Z, 74nm, 1.1s					
KHZ	Kahutara	24.05	169	eP	P	10 01 32.3	+0.2
KHZ		comp=Z, 172nm, 1.9s					
LTZ	Lake Taylor	24.20	172	eP	P	10 01 32.8	-0.9
LTZ		comp=Z, 35nm, 1.3s					
MILA	Mila	24.29	218	P	P	10 01 37.6	+3.1
MILA		comp=Z, 24, SNR=6.4					
OXZ	Oxford	24.71	172	eP	P	10 01 39.8	+1.6
OXZ		comp=Z, 74nm, 0.9s					
RPZ	Rata Peaks	24.98	174	P	P	10 01 41.7	+1.0
RPZ		comp=Z, 15nm, 0.7s, baz=50, slow=11, SNR=4.1					
RPZ	Rata Peaks	24.98	174	eP	P	10 01 41.6	+1.0
RPZ		comp=Z, 82nm, 1.5s					
ODZ	Otahu Downs	26.26	175	eP	P	10 01 53.9	+1.7
ODZ		comp=Z, 27nm, 1.8s					
QIS	Mount Isa	26.36	262	P	P	10 01 54.5	+1.1
QIS		comp=Z, 26, SNR=3.4					
STKA	Stevens Creek	26.73	236	P	P	10 01 57.4	+0.7
STKA		comp=Z, 11nm, 0.8s, baz=66, slow=8.4, SNR=29					
STKA	Stevens Creek	26.73	236	eP	P	10 05 18.9	-0.6
STKA		comp=Z, 2.9nm, 0.7s, baz=13, slow=5.9, SNR=3.2					
STKA	Stevens Creek	26.73	236	P	P	10 01 58.3	+1.7

STKA	Stevens Creek	26.73	236	eP	P	10 01 58.0	+1.4
STKA		comp=Z, 2.6nm, 0.9s					
STKA	Stevens Creek	26.73	236	eP	P	10 01 58.0	+1.4
STKA		comp=Z, 6.1nm, 0.9s					
STKA	Wether Hill Ro	26.98	179	eP	P	10 05 18.9	-0.6
STKA		comp=Z, 250nm, 1.9s					
HTZ	Hallett	29.41	235	P	P	10 02 20.0	+1.4
HTZ		comp=Z, 30nm, SNR=4.0					
RAR	Rarotonga	30.76	100	LR	LR	10 11 50.3	
RAR		comp=Z, 49nm, 21.8s, baz=204, slow=30					
JAY	Jayapura	30.89	298	LR	LR	10 13 50.4	
JAY		comp=Z, 9.2nm, 20.4s, baz=178, slow=34					
WB2	Warramunga Arr	31.31	262	eP	P	10 02 37.0	-0.5
WB2		comp=Z, 2.2nm, 0.8s, baz=90, slow=2.5, SNR=8.3					
WRAB	Tennant Creek	31.31	262	eP	P	10 02 36.8	-0.8
WRAB		comp=Z, 18nm, 1.2s					
WRAB	Tennant Creek	31.31	262	eP	P	10 02 36.8	-0.8
WRAB		comp=Z, 3.3nm, 0.9s, baz=82, slow=6, SNR=44.4					
WRA	Warramunga Arr	31.32	262	eP	P	10 05 31.3	-0.1
WRA		comp=Z, 2.7nm, 0.8s, baz=90, slow=2.5, SNR=8.3					
WRA	Warramunga Arr	31.32	262	eP	P	10 14 06.1	
WRA		comp=Z, 376nm, 20.7s, baz=100, slow=34					
WRA	Warramunga Arr	31.32	262	eP	P	10 02 46.5	+8.9
WRA		comp=Z, 4.0nm, 0.5s					
BBOO	Bucklebo	31.44	237	P	P	10 02 39.6	+1.0
BBOO		comp=Z, 32, SNR=6.3					
BBOO	Bucklebo	31.44	237	eP	P	10 02 39.5	+1.0
BBOO		comp=Z, 36nm, 1.4s					
ASO1	Alice Springs	31.64	255	eP	P	10 02 39.9	-0.5
ASO1		comp=Z, 2.1nm, 0.8s					
AS31	Alice Springs	31.68	255	eP	P	10 02 40.5	-0.3
AS31		comp=Z, 2.5nm, 0.6s, baz=83, slow=8.6, SNR=319					
ASAR	Alice Springs	31.68	255	P	P	10 02 40.5	-0.3
ASAR		comp=Z, 2.2nm, 0.8s, baz=90, slow=2.5, SNR=4.2					
ASAR		10 14 47.8					
ASAR	Fitzroy Crossi	39.70	264	P	P	10 03 49.1	+0.5
ASAR		comp=Z, 7nm, 0.8s, baz=114, slow=8.6, SNR=32					

31d 10h

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like ISA Isabella, Lake, BFSC Mount Baldy Ra, EDW2 Edwards Air Fo, etc.

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Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like 113A Mohawk Valley, D05A Encinalcaw, WVOR Wild Horse Va, etc.

1618

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like KIEV Kiev, KIEV Kiev, BRTR Keskin Array B, etc.

ISC/JB 31 10:12:10.8:0.5,35:61N:0:04:139:55E:0:08, h120km,4km,mb4,1/5,Error ellipse: s-maj=11.2km s-min=6.1km az=164.8

JMA J1 10:12:12.2:0.1,35:58N:139:55E,h107km,1km,M3.6 JMA Felt J1

ISC 31 10:12:11.6:0.9,35:62N:0:04:139:58E:0:06,h112km,6km,n26,1:02:30,mb4,1/5,Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like TOK Tokyo, JOD2 Odawara 2, JOD2 Ryogami san, etc.

CMAR	Chiang Mai Arr	58.83 296	P	P	10 56 46.0	+1.1
CMAR	comp-Z,24nm,1.0s,baz=118,slow=5.0,SNR=54		LR	LR	11 23 05.3	
CMAR	comp-Z,317nm,18.1s,baz=107,slow=37		PKPPKP	P'P'df	11 26 19.4	-2.0
PET	PETropavlovsk	58.90 4	eP	MLR	10 56 44.6	-0.1
PET	comp-Z,696nm,22.0s		MLR	MLR		
PET	PETropavlovsk	58.90 4	eP	LR	10 56 44.6	-0.1
PET	comp-Z,696nm,22.0s		LR	LR		
PEA0	PETropavlovsk	58.92 3	eP	P	10 56 44.6	-0.3
PEA0B	PETropavlovsk	58.92 3	eP	P	10 56 45.5	+0.6
PETK	PETropavlovsk	58.92 3	eP	P	10 56 44.8	-0.1
PETK	comp-Z,32nm,0.6s,baz=163,slow=5.6,SNR=75		pP	pP	10 56 57.6	+0.9
PETK	comp-Z,40nm,0.9s,baz=152,slow=5.1,SNR=8.4		LR	LR	11 18 18.5	
CMMT	Chiang Mai	58.94 296	P	P	10 56 53.1	+7.4
CHTO	Chiang Mai	58.94 296	P	P	10 56 46.3	+0.6
CHTO	comp-Z,247nm,1.4s,comp-Z,4um		S	S		
CHTO	Chiang Mai	58.94 296	eP	P	10 56 46.4	+0.7
CHTO	comp-Z,559nm,20.0s		MLR	MLR		
CHTO	SNR=26		P	P	10 56 46.7	+1.0
CHTO	Chiang Mai	58.94 296	P	P	10 56 46.7	+1.0
CHTO	SNR=26		P	P	10 56 46.7	+1.0
CHTO	Chiang Mai	58.94 296	eP	LR	10 56 46.4	+0.7
CHTO	comp-Z,559nm,20.0s		MLR	MLR		
NKL	Nikolayevsk	58.92 351	eP	P	10 56 52.0	+1.0
NKL	comp-Z,290nm,2.0s		pmax	pmax	11 06 39.0	
NKL	comp-Z,1um,4.0s		pmax	pmax		
CD2	Chengdu	58.96 311	P	P	10 56 52.0	+0.1
CD2	comp-Z,1um,18.3s		pP	pP	10 57 05.8	+2.1
CD2	comp-Z,820nm,6.4s		sP	sP	10 57 11.8	+3.4
CD2	comp-Z,650nm,18.9s		PcS	PcS	11 01 40.0	-0.5
CD2	comp-Z,880nm,16.9s		S	S	11 05 01.3	+0.2
CD2	comp-Z,1um,18.3s		sS	sS	11 05 24.8	+1.1
CD2	comp-Z,160nm,0.6s		SS	SS	11 08 59.5	+1.4
CD2	comp-Z,820nm,6.4s		pmax	pmax		
CD2	comp-Z,650nm,18.9s		LR	LR		
CD2	comp-Z,880nm,16.9s		LR	LR		
CD2	comp-Z,1um,18.3s		LR	LR		
HHC	Hu-ho-hao-te	60.26 324	eP	P	10 56 55.8	+1.3
HHC	comp-Z,66nm,1.3s		pP	pP	10 57 08.5	+2.2
HHC	comp-Z,760nm,5.9s		sP	sP	10 57 14.3	+3.3
HHC	comp-Z,2um,16.0s		S	S	11 05 06.5	+0.5
HHC	comp-Z,2um,16.0s		sS	sS	11 05 27.0	+1.4
HHC	comp-Z,2um,16.0s		pmax	pmax		
HHC	comp-Z,2um,16.0s		LR	LR		
HHC	comp-Z,2um,16.0s		LR	LR		
HHC	comp-Z,2um,16.0s		LR	LR		
BTO	Baotou	61.01 323	eP	P	10 57 00.5	+0.9
HIA	Hailar	62.27 336	eP	P	10 57 08.3	+0.5
HIA	comp-Z,26nm,0.7s		pmax	pmax		
HIA	comp-Z,525nm,20.0s		MLR	MLR		
HIA	comp-Z,26nm,0.7s		LR	LR		
LZH	Lanzhou	62.40 316	P	P	10 57 10.5	+1.4
LZH	comp-Z,525nm,20.0s		pP	pP	10 57 27.0	+1.3
LZH	comp-Z,960nm,6.8s		PP	PP	10 59 29.3	+2.4
LZH	comp-Z,620nm,15.1s		eS	eS	11 05 33.3	-0.1
LZH	comp-Z,670nm,15.3s		sS	sS	11 05 58.3	+5.2
LZH	comp-Z,490nm,1.8s		SS	SS	11 09 35.5	-2.4
LZH	comp-Z,960nm,6.8s		pmax	pmax		
LZH	comp-Z,620nm,15.1s		LR	LR		
LZH	comp-Z,670nm,15.3s		LR	LR		
MA2	Magadan	65.32 359	P	P	10 57 27.8	+0.2
MA2	comp-Z,900nm,16.0s		LR	LR		
MA2	comp-Z,41nm,0.6s,baz=161,slow=7.6,SNR=31		LR	LR	11 28 53.1	
MA2	comp-Z,362nm,18.1s,baz=98,slow=39		LR	LR		
MA2	Magadan	65.32 359	eP	P	10 57 28.0	+0.3
MA2	Magadan	65.32 359	eP	P	10 57 27.9	+0.3
GTA	Gaotai	66.83 317	P	P	10 57 39.3	+1.3
GTA	comp-Z,115nm,1.7s		pP	pP	10 57 53.5	-1.1
GTA	comp-Z,68nm,1.8s		sP	sP	10 58 00.0	-6.6
GTA	comp-Z,700nm,6.2s		S	S	11 06 31.3	+3.4
GTA	comp-Z,270nm,17.1s		sS	sS	11 06 53.3	+5.5
GTA	comp-Z,470nm,18.1s		pmax	pmax		
GTA	comp-Z,700nm,6.2s		pmax	pmax		
GTA	comp-Z,270nm,17.1s		LR	LR		
GTA	comp-Z,470nm,18.1s		LR	LR		
GTA	comp-Z,660nm,19.5s		LR	LR		
ULN	Ulaanbaatar	67.22 328	d P	P	10 57 41.5	+1.2
ULN	comp-Z,115nm,1.7s		pmax	pmax		
ULN	Ulaanbaatar	67.22 328	P	P	10 57 41.6	+1.3
ULN	SNR=49		P	P	10 57 41.6	+1.3
ULN	Ulaanbaatar	67.22 328	eP	P	10 57 41.3	+1.3
ULN	SNR=49		eP	P	10 57 41.3	+1.3
ULN	comp-Z,92nm,1.4s		LR	LR		
SHL	Shillong	67.33 301	eP	P	10 57 43.0	+1.5
SHL	comp-Z,651nm,21.0s		eS	eS	11 06 40.0	+5.5
SOMM	Songino Array	67.55 328	P	P	10 57 43.3	+0.9
SOMM	comp-Z,14nm,0.5s,baz=143,slow=4.8,SNR=102		PKPPKP	P'P'df	11 26 07.9	
SOMM	comp-Z,6.4nm,1.1s,baz=267,slow=1.5,SNR=13		LR	LR	11 28 26.3	
SEY	Seymchan	68.66 360	eP	P	10 57 47.9	-0.9
LSA	Lhasa	69.30 305	P	P	10 57 55.0	+0.9
LSA	comp-Z,51nm,1.5s		pmax	pmax		
LSA	Lhasa	69.30 305	eP	P	10 57 55.0	+0.9
LSA	comp-Z,65nm,0.9s		MLR	MLR		
LSA	comp-Z,423nm,22.0s		MLR	MLR		
LSA	Lhasa	69.30 305	eP	P	10 57 55.0	+0.9
LSA	comp-Z,65nm,0.9s		LR	LR		
YAK	Yakutsk	70.17 348	d P	P	10 57 58.3	+0.1
YAK	comp-Z,423nm,22.0s		eS	eS	11 08 11.7	
YAK	comp-Z,135nm,1.3s		pmax	pmax	11 07 08.6	+2.2
YAK	comp-Z,135nm,1.3s		pmax	pmax	11 07 55.0	
YAK	comp-N,78nm,1.7s		pmax	pmax		
YAK	comp-E,29nm,1.5s		pmax	pmax		
YAK	comp-Z,193nm,5.2s		pmax	pmax		

YAK	comp-N,120nm,5.2s		pmax	pmax		
YAK	comp-E,106nm,3.4s		smax	smax		
YAK	comp-N,751nm,5.2s		smax	smax		
YAK	comp-E,434nm,3.4s		pmax	pmax		
YAK	comp-E,200nm,18.0s		pmax	pmax		
YAK	comp-N,137nm,14.0s		pmax	pmax		
YAK	comp-Z,270nm,17.0s		pmax	pmax		
YAK	comp-N,303nm,19.0s		pmax	pmax		
YAK	comp-E,173nm,20.0s		pmax	pmax		
YAK	Yakutsk	70.17 348	eP	P	10 57 58.6	+0.4
YAK	comp-E,148nm,1.1s		LR	LR		
RKT	comp-Z,391nm,19.0s		eS	S	11 07 09.6	-6.6
RKT	Rikitea	70.88 112	eS	S	11 16 54.2	
RKT	comp-Z,318nm,28.0s		eLQ	LQ	11 19 49.8	
RKT	comp-Z,1um,35.0s		eLR	LR	11 19 49.8	
BOD	Bodaibo	71.02 339	eP	P	10 58 03.0	-0.4
BOD	comp-Z,60nm,1.4s		pmax	pmax		
TLY	Talaya	71.31 330	P	P	10 58 06.0	+0.7
TLY	comp-Z,11nm,0.6s,baz=141,slow=7.0,SNR=6.0		P	P	10 58 06.7	+1.3
TLY	Talaya	71.31 330	eS	S	11 07 16.0	-4.2
TLY	comp-Z,62nm,1.4s		eSSS	SSS	11 14 54.4	
TLY	comp-Z,62nm,1.4s		pmax	pmax		
TLY	comp-Z,560nm,16.0s		MLR	MLR		
TLY	Talaya	71.31 330	P	P	10 58 06.3	+1.0
TLY	SNR=10		P	P	10 58 06.3	+1.0
TLY	Talaya	71.31 330	P	P	10 58 06.3	+1.0
TLY	SNR=10		P	P	10 58 06.3	+1.0
TLY	Talaya	71.31 330	P	P	10 58 06.0	+0.7
TLY	comp-Z,520nm,19.0s		LR	LR		
IRK	Irkutsk	71.34 331	eP	P	10 58 05.3	-0.2
IRK	comp-Z,1um,20.0s		eS	S	11 07 26.1	+5.6
IRK	comp-Z,159nm,2.8s		pmax	pmax		
VNDA	Vanda	71.70 178	P	P	10 58 08.1	+0.8
SBA	Scott Base	72.23 177	eP	P	10 58 12.3	+1.8
SBA	comp-Z,102nm,1.5s		pmax	pmax		
SBA	comp-Z,1um,20.0s		MLR	MLR		
SBA	comp-Z,102nm,1.5s		MLR	MLR		
SBA	comp-Z,1um,20.0s		LR	LR		
SBA	comp-Z,1um,20.0s		LR	LR		
CHLP	Challavanieta	72.44 291	eP	P	10 58 13.2	+0.4
CHLP	comp-Z,112nm,1.2s		IAMB	IAMB	10 58 15.1	
MOY	Mondy	72.64 329	eP	P	10 58 15.6	+2.1
MIR	Mirnyy	73.08 201	eP	P	10 58 17.0	+1.4
MIR	comp-Z,16nm,1.5s		pmax	pmax		
PALK	Pallekele	73.63 279	P	P	10 58 20.6	+0.6
PALK	comp-Z,6.6nm,0.6s,baz=117,slow=4.8,SNR=5.4		eP	P	10 58 21.0	+0.9
PALK	Pallekele	73.63 279	eP	P	10 58 21.0	+0.9
PALK	comp-Z,23nm,0.8s		pmax	pmax		
PALK	Pallekele	73.63 279	eP	P	10 58 20.9	+0.9
PALK	comp-Z,23nm,0.8s		P	P	10 58 23.4	+0.3
BILL	Billbino	74.36 5	eP	P	10 58 23.4	+0.3
BILL	comp-Z,24nm,0.7s		SSS	SSS	11 15 54.0	
BILL	Billbino	74.36 5	eP	P	10 58 23.1	0.0
BILL	comp-Z,27nm,0.8s		LR	LR		
ADKI	Addanki	75.74 288	eP	P	10 58 32.1	0.0
ADKI	comp-Z,80nm,1.2s		IAMB	IAMB	10 58 33.5	
OHAK	Old Harbor	76.31 27	eP	P	10 58 34.0	-0.5
NJS	Nagarjunasagar	76.49 289	eP	P	10 58 36.1	-0.3
NJS	comp-Z,111nm,1.3s		IAMB	IAMB	10 58 37.4	
RCLA	Rachera	76.63 287	eP	P	10 58 36.6	-0.6
RCLA	comp-Z,103nm,1.7s		IAMB	IAMB	10 58 37.1	
SRLM	Srisailam	76.80 288	eP	P	10 58 37.7	-0.5
SRLM	comp-Z,66nm,0.9s		IAMB	IAMB	10 58 39.2	
WMQ	Urumqi	76.92 317	P	P	10 58 38.8	+0.4
WMQ	comp-Z,40nm,1.3s		pP	pP	10 58 51.8	+1.3
WMQ	comp-Z,480nm,4.3s		sP	sP	10 58 58.0	+0.9
WMQ	comp-Z,180nm,20.1s		PP	PP	11 01 29.5	-2.4
WMQ	comp-Z,250nm,19.7s		S	S	11 08 21.5	-2.1
WMQ	comp-Z,180nm,20.1s		sS	sS	11 08 45.5	+1.6
WMQ	comp-Z,250nm,19.7s		SS	SS	11 13 21.5	+0.5
WMQ	comp-Z,180nm,20.1s		pmax	pmax		
WMQ	comp-Z,180nm,20.1s		pmax	pmax		
WMQ	comp-Z,140nm,20.1s		LR	LR		
RPR	Rampur	76.93 291	eP	P	10 58 38.4	-0.4
RPR	comp-Z,121nm,1.5s		IAMB	IAMB	10 58 39.9	
KDAK	Kodiak Island	76.94 26	P	P	10 58 38.6	+0.6
KDAK	Kodiak Island	76.94 26	P	P	10 58 50.0	+1.2
KDAK	comp-Z,552nm,22.0s		FLAKE	FLAKE		
HYB	Hyderabad	77.35 289	eP	P	10 58 41.0	-0.3
HYB	Hyderabad (bro)	77.35 289	eP	P	10 58 40.6	-0.7
HYB	comp-Z,93nm,1.3s		IAMB	IAMB	10 58 41.9	
SRSP	Sriramsagar	77.82 291	eP	P	10 58 43.0	-0.8
SRSP	comp-Z,121nm,1.5s		IAMB	IAMB	10 58 44.5	
URV	Urvakonda	78.16 287	eP	P	10 58 45.5	-0.3
URV	comp-Z,95nm,1.2s		IAMB	IAMB	10 58 46.9	
TIXI	Tiksi	79.07 352	LR	LR	11 31 39.9	
TIXI	comp-Z,119nm,21.2s,baz=55,slow=34		PKPPKP	P'P'df	11 31 39.9	
TIXI	Tiksi	79.07 352	d P	P	10 58 49.5	-0.1
TIXI	comp-Z,77nm,1.3s		pmax	pmax		
TIXI	comp-Z,279nm,19.0s		MLR	MLR		
TIXI	Tiksi	79.07 352	eP	P	10 58 49.3	-0.3
TIXI	comp-Z,87nm,1.4s		IAMB	IAMB	10 58 51.0	-1.1
KL						

1623

Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like VAV Berggiesshubel, BRG, CBN, GOPC, CLL, etc.

2011 AUG

Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like ECH Echery, TUE Tuetta, MOF Molkenrain, etc.

31d 11h

Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like FDF Fort de France, BFM Bigot, ZAMP Aeronautique, etc.

IDC 31 10:54:45.71.9, 19'54.5S, 168'03E, h32km, 6km, mb4.0/4, mb1.4/2.4, mb1mx3.6/4.6, mbtmp4.1/4, ML2.8/1, Error ellipse: s-maj=59.7km s-min=23.9km az=142.0, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM 1.4mt.0.3s, etc.

MEX 31 10:54:46.9-0.5, 15'39N, 93'55W, h95km, 52km, MD3.6, New Caledonia Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TGIG Comitan, CCGI Comitan, etc.

JMA 31 10:59:33.4-0.1, 42'36N, 139'25E, h24km, 1km, M3.6, 2C, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JOSM Okushiri-Mats, JOSH Shimam, etc.

TRN 31 11:20:18.4, 17'09N, 62'18W, h13km, MD3.5, 3C-1D, Leeward Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BPA Boggy Peak, BPA Lee's Yard, etc.

NIED 31 11:22:00.21, 30N, 120.50E, h32km, Mw4.8 Best double couple: M1, 6000x1016 NPI: 333.00000, 348.00000, 2.137.00000, NP2: 395.00000, 360.00000, 5.1.00000. JMA 31 11:22:30.0-0.4, 21'29N, 120'52E, h12km, M4.5, ISCJB 31 11:22:30.0-0.5, 21'27N, 120'52E, h12km, M4.5, mb4.7/93, MS4.2/16, Error ellipse: s-maj=3.5km s-min=2.6km az=146.7. NEIC 31 11:23:30.5-0.1, 21'72N, 121'16E, h10km, mb4.9/53, ML5.3(TAP), Error ellipse: s-maj=4.0km s-min=2.8km az=101.0. NEIC Felt at Hengchun. Recorded [4 TAP] in Pingtung, [3 TAP] in Taitung and [2 TAP] in Kaohsiung. BUJ 31 11:22:31.4, 21'78N, 120'83E, h5km, mb4.5/44, mb4.9/36, ML4.1/5, Ms4.5/48, Ms1.4/44. MOS 31 11:22:32.1-0.9, 21'68N, 121'17E, h33km, mb5.1/39, Error ellipse: s-maj=8.7km s-min=5.5km az=104.0. TAP 31 11:22:32.0-0.4, 21'78N, 120'98E, h29km, ML4.8, C IDC 31 11:22:33.3-3.7, 21'71N, 121'16E, h28km, 25km, mb4.4/36, mb1.4/5/38, mb1mx4.4/6.2, mbtmp4.5/38, ML4.0/2, MS4.0/9, Mb1.4/1/9, ms1mx3.6/6.3, Error ellipse: s-maj=1.23km s-min=0.7km az=72.0. ISC 31 31 11:23:20.5, 21'71N, 121'11E, h11E, 0.03, h27km, 3km, n313, 1950/355, mb4.8/92, MS4.1/16, 25C-19D, Taiwan region. TSEB Hengchun, Pin 0.27 313/jP, 11 22 38.3 -1.8

31d 11h

Table with columns for station code, name, frequency, and signal strength. Includes stations like TWK1 Hengchun, HEN Hengchun, LAN Lan-yu, etc.

2011 AUG

Table with columns for station code, name, frequency, and signal strength. Includes stations like QZH comp=N,630nm,1.0s, QZH comp=E,590nm,0.7s, etc.

1624

Table with columns for station code, name, frequency, and signal strength. Includes stations like LZH LZH, LZH comp=Z,70nm,1.4s, etc.

31d 12h

BRAL	Brewton	46.99 275	eP	P	12 25 58.4 +0.5
BRAL	comp=Z,53nm,0.7s			LR	LR
FFC	Flin Flo	46.99 311	eP	P	12 25 58.7 +1.0
FFC	comp=Z,34nm,1.1s			pmx	pmx
FFC	Flin Flo	46.99 311	eP	P	12 25 58.7 +1.0
FFC	comp=Z,4um,21.0s			MLR	MLR
FFC	Flin Flo	46.99 311	eP	P	12 25 58.7 +1.0
FFC	comp=Z,34nm,1.1s			LR	LR
FFC	Flin Flo	46.99 311	eP	P	12 25 58.7 +1.0
FFC	comp=Z,34nm,1.1s				
X45A	UM Field Stati	46.99 280	P	P	12 25 57.0 -1.0
248A	Dixon Mills	46.99 276	P	P	12 25 57.8 -0.2
M37A	Trindle Farm,	47.00 291	P	P	12 25 57.9 0.0
G33A	Ortonville	47.01 297	P	P	12 25 57.9 0.0
147A	Livingston	47.08 277	P	P	12 25 57.8 -0.8
I34A	Hadley	47.09 295	P	P	12 25 58.4 -0.3
L36A	Harm Buss Farm	47.11 292	P	P	12 25 57.8 -1.0
D31A	Mcclaffin, Tow	47.11 299	P	P	12 25 58.2 -0.5
S41A	Jilico Farms,	47.12 285	P	P	12 25 58.3 -0.7
V43A	Jonesboro	47.14 282	P	P	12 25 58.8 -1.2
R40A	Maddies Statio	47.16 286	P	P	12 25 58.7 -0.5
O38A	Galt	47.16 289	P	P	12 25 57.7 -1.5
F32A	Veblen	47.19 298	P	P	12 25 59.0 -0.4
K35A	Storm Lake	47.23 293	P	P	12 25 59.2 -0.6
Z46A	Louisville	47.29 278	P	P	12 25 59.8 -0.5
Q39A	Willow Grove F	47.30 288	P	P	12 25 59.7 -0.6
U42A	Reviden	47.35 283	P	P	12 25 59.6 -1.1
Y45A	Yeager Farm, C	47.38 280	P	P	12 26 00.1 -0.8
N37A	Lee Faris, Mou	47.38 290	P	P	12 26 00.4 -0.5
T41A	Mountain View	47.39 285	P	P	12 26 00.3 -0.8
E31A	Nome	47.41 299	P	P	12 26 00.8 -0.3
H33A	Prehn Over Nor	47.41 286	P	P	12 26 01.5 +0.3
P38A	Dawn	47.42 299	P	P	12 26 03.3 -1.0
348A	Jackson	47.47 276	P	P	12 26 01.3 -0.4
J34A	George	47.47 294	P	P	12 26 01.2 -0.4
M36A	Felix, Anita	47.48 291	P	P	12 26 00.7 -1.1
X44A	Crenshaw	47.49 281	P	P	12 26 00.5 -1.3
W43A	Forest City	47.59 282	P	P	12 26 01.3 -1.3
O37A	Wolven Farm, M	47.60 290	P	P	12 26 01.9 -0.8
247A	Quitman	47.64 277	P	P	12 26 02.9 -0.2
S40A	Lebanon	47.65 286	P	P	12 26 02.3 -0.8
146A	Union	47.66 278	P	P	12 26 02.1 -1.1
G32A	Webster	47.67 297	P	P	12 26 02.9 -0.3
R39A	Chumby, Stover	47.68 287	P	P	12 26 02.9 -0.4
L35A	Bielow Farm, R	47.70 292	P	P	12 26 02.3 -1.1
448A	Bay Minette	47.70 275	P	P	12 26 03.1 -0.4
I33A	Coleman	47.71 295	P	P	12 26 03.2 -0.3
ECSD	EROS Data Cent	47.72 295	P	P	12 26 03.2 -0.4
ECSD	EROS Data Cent	47.72 295	eP	P	12 26 03.2 -0.4
ECSD	EROS Data Cent	47.72 295	eP	P	12 26 03.2 -0.4
ECSD	comp=Z,70nm,1.4s			LR	LR
ECSD	EROS Data Cent	47.72 295	eP	P	12 26 03.1 -0.4
V42A	Cord	47.73 283	P	P	12 26 02.4 -1.2
Z45A	Winona	47.74 279	P	P	12 26 02.0 -1.8
Q38A	Cooks Store, C	47.79 288	P	P	12 26 03.5 -0.6
Y44A	Strider, Charl	47.81 280	P	P	12 26 02.7 -1.6
K34A	Le Mars	47.82 293	P	P	12 26 03.3 -1.1
U41A	Viola	47.84 284	P	P	12 26 03.5 -1.0
N36A	Muff Farm, Cla	47.87 291	P	P	12 26 03.8 -0.9
T40A	Mansfield	47.87 285	P	P	12 26 03.9 -0.9
CSS	Mathiatis	47.91 78	PFAKE	LR	12 26 20.0 +1.5
F31A	Hecla	47.91 298	P	P	12 26 04.1 -0.9
H32A	Carlson Farm,	47.94 296	P	P	12 26 05.5 +0.3
347A	Saraland	47.94 276	P	P	12 26 05.3 0.0
MTDJ	Mount Denham	47.96 254	PFAKE	LR	12 26 20.0 +1.4
MDND	Maddock	47.98 301	P	P	12 26 05.0 -0.5
MDND	Maddock	47.98 301	eP	P	12 26 05.1 -0.5
MDND	Maddock	47.98 301	eP	P	12 26 05.0 -0.5
P37A	Lathrop	48.00 289	P	P	12 26 04.5 -1.3
X43A	Marvell	48.00 281	P	P	12 26 04.7 -1.1
246A	Jackson Lee, B	48.04 277	P	P	12 26 05.7 -0.4
M35A	Neola	48.08 292	P	P	12 26 05.5 -0.8
W42A	Bald Knob	48.08 282	P	P	12 26 05.3 -1.1
J33A	Davis	48.13 295	P	P	12 26 06.1 -0.6
G31A	Conde	48.14 297	P	P	12 26 05.9 -0.9
I32A	Karley and Nic	48.15 296	P	P	12 26 06.7 -0.2
S39A	Bolivar	48.17 286	P	P	12 26 06.1 -1.0
O36A	Bolckow	48.18 290	P	P	12 26 05.7 -1.4
V41A	Mountainview	48.28 283	P	P	12 26 06.7 -1.3
145A	Houston Renfro	48.30 278	P	P	12 26 07.5 -0.7
N35A	Tabor	48.31 291	P	P	12 26 06.9 -1.3
L34A	Svendens Farm,	48.32 293	P	P	12 26 07.0 -1.2
Z44A	Pea Ridge, Bel	48.32 279	P	P	12 26 06.9 -1.3
Y43A	Makayla and Ka	48.34 280	P	P	12 26 07.5 -1.0
447A	Lucedale	48.35 276	P	P	12 26 08.7 +0.2
R38A	Fenwick Farm,	48.35 287	P	P	12 26 07.8 -0.6
Q37A	Longview Farm,	48.40 288	P	P	12 26 08.2 -0.7

2011 AUG

K33A	Hardington	48.45 294	P	P	12 26 08.3 -1.0
U40A	Yellville	48.49 284	P	P	12 26 08.7 -0.9
X42A	Stuttgart	48.52 282	P	P	12 26 08.6 -1.7
T39A	Cleaver	48.53 285	P	P	12 26 08.8 -1.2
P36A	Good Intent, A	48.58 289	P	P	12 26 08.9 -1.3
245A	Little Ap, Sta	48.58 278	P	P	12 26 08.9 -0.6
S38A	Stockton	48.61 286	P	P	12 26 09.7 -0.8
346A	Big Creek Wild	48.61 277	P	P	12 26 10.4 -0.2
WHAR	Woolly Hollow	48.62 283	eP	P	12 26 09.8 -0.8
WHAR	Woolly Hollow	48.62 283	eP	P	12 26 09.8 -0.8
H31A	Wolsey	48.62 297	P	P	12 26 09.8 -0.7
144A	Alexander Plac	48.65 279	P	P	12 26 09.6 -1.2
W41B	Gary Mavity, V	48.65 283	P	P	12 26 09.2 -1.6
M34A	Aspy Farms, Fr	48.66 292	P	P	12 26 09.3 -1.6
J32A	Parkston	48.68 295	P	P	12 26 09.6 -1.4
X301	Greenbrier Sit	48.72 283	eP	P	12 26 10.8 -0.6
X301	Greenbrier Sit	48.72 283	eP	P	12 26 10.8 -0.6
V40A	White Springs	48.74 284	P	P	12 26 10.6 -0.9
O35A	Humboldt	48.76 290	P	P	12 26 10.2 -1.4
L33A	Hoskins	48.83 293	P	P	12 26 10.6 -1.6
I31A	Royce, Wessing	48.85 296	P	P	12 26 11.4 -0.9
446A	Poplarville	48.86 276	P	P	12 26 12.5 0.0
N34A	Lincoln	48.90 291	P	P	12 26 12.0 -0.7
UALR	University of	48.91 282	eP	P	12 26 14.0 +1.1
UALR	University of	48.91 282	eP	P	12 26 14.0 +1.1
U39A	Green Forest	48.92 285	P	P	12 26 11.9 -1.0
R37A	Teagarden Farm	48.93 288	P	P	12 26 11.9 -1.0
VBMS	Vicksburg	48.93 278	P	P	12 26 11.9 -1.0
Z43A	Armstrong Fami	48.93 280	P	P	12 26 11.7 -1.3
SUSD	Miller	48.95 297	P	P	12 26 12.0 -1.1
Y42A	Garnett, Star	49.00 281	P	P	12 26 12.0 -1.5
M33A	Taylor Creek F	49.04 293	P	P	12 26 11.6 -2.2
Q36A	Arnold C. Orve	49.06 289	P	P	12 26 12.9 -1.0
345A	Thompson Farm,	49.06 277	P	P	12 26 13.7 -0.3
K32A	Verdigre	49.08 294	P	P	12 26 12.7 -1.3
244A	Avery, Jackson	49.14 278	P	P	12 26 13.7 -0.9
T38A	Diamond	49.17 286	P	P	12 26 13.3 -1.5
P35A	Duane Minner,	49.17 290	P	P	12 26 13.6 -1.2
X41A	Kaden, Bauxite	49.18 282	P	P	12 26 13.0 -1.8
S37A	Fort Scott	49.19 287	P	P	12 26 13.7 -1.3
W40A	Ferguson Farm,	49.22 283	P	P	12 26 14.4 -0.7
HHAR	Hobbs	49.29 285	eP	P	12 26 15.2 -0.6
HHAR	Hobbs	49.29 285	eP	P	12 26 15.2 -0.6
V39A	Pettigrew	49.30 284	P	P	12 26 14.7 -1.2
J31A	Ceddes	49.30 295	P	P	12 26 14.7 -1.1
143A	Socs Landing,	49.31 279	P	P	12 26 14.7 -1.2
O34A	Beatrice	49.33 291	P	P	12 26 14.6 -1.4
R36A	Gordon, Harris	49.39 288	P	P	12 26 15.4 -1.0
L32A	Elgin	49.39 293	P	P	12 26 15.1 -1.3
Z42A	Norrel Spur, H	49.40 280	P	P	12 26 15.1 -1.4
X40A	Basin Creek Fa	49.41 282	P	P	12 26 15.3 -1.4
546A	Lake Cedric, C	49.42 276	P	P	12 26 16.3 -0.5
344A	Westbrook Farm	49.49 278	P	P	12 26 17.1 -0.2
Q35A	Meter Eighty,	49.50 289	P	P	12 26 16.0 -1.3
U38A	Gravette	49.52 285	P	P	12 26 16.1 -1.4
T37A	Cheneyville 18	49.56 286	P	P	12 26 16.4 -1.4
Y41A	Eaglette Beard	49.56 281	P	P	12 26 16.2 -1.6
N33A	J Bar K, Exete	49.59 292	P	P	12 26 16.2 -1.8
445A	Amite	49.60 277	P	P	12 26 17.5 -0.7
RCBR	Riachuelo	49.61 189	P	P	12 26 20.1 +1.8
RCBR	Riachuelo	49.61 189	LR	LR	12 26 20.1 +1.8
K31A	O'Neill	49.61 294	P	P	12 26 16.9 -1.2
P34A	Walnut Farm, R	49.72 290	P	P	12 26 18.0 -0.9
W39A	Magazine	49.72 284	P	P	12 26 18.2 -0.9
S36A	Lake Cedric, C	49.74 287	P	P	12 26 17.7 -1.4
BGNE	Belgrade	49.75 293	P	P	12 26 17.6 -1.6
BGNE	Belgrade	49.75 293	eP	P	12 26 19.6 +0.4
BGNE	Belgrade	49.75 293	eP	P	12 26 19.6 +0.4
KSU1	Kansas State U	49.78 289	P	P	12 26 18.3 -1.2
KSU1	Kansas State U	49.78 289	eP	P	12 26 19.7 +0.3
KSU1	Kansas State U	49.78 289	eP	P	12 26 19.7 +0.3
KSU1	comp=Z,65nm,21.0s			LR	LR
142A	Monroe	49.78 280	P	P	12 26 18.5 -0.9
V38A	Catmill	49.83 285	P	P	12 26 17.9 -1.9
MALT	Malatya	49.84 72	iP	P	12 26 20.4 +0.4
GOF	Gofitskoye	49.86 62	eP	pmx	12 26 17.2 -2.7
R35A	Emporia Moun	49.87 288	P	P	12 26 18.1 -2.0
444A	Pine Grove	49.90 277	P	P	12 26 20.4 0.0
MIAR	Mount Ida	49.91 283	P	P	12 26 19.4 -1.0
MIAR	Mount Ida	49.91 283	eP	pmx	12 26 19.6 -0.8
MIAR	comp=Z,99nm,1.2s			pmx	pmx
MIAR	Mount Ida	49.91 283	eP	P	12 26 19.6 -0.8
MIAR	Mount Ida	49.91 283	eP	P	12 26 19.6 -0.8

MIAR	comp=Z,99nm,1.2s	</
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31d 12h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SONM Songio Array, ULN Ulanbaatar, HIA Hailar, etc.

2011 AUG

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CD2, ERM Ermo, INCN Incheon, etc.

1634

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

1635

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BAUV El Baul, AKTYUBINSK INF, DUBNA INFRASON1, ZALESOVO INFRA25.3.

ISCJB 31 12:55:40.1±0.6, 56°53'S:0°09'27.4W:0.1, h150km, mb4.2/11, Error ellipse: s-maj=15.5km s-min=7.7km az=40.1

NEIC 31 12:55:40.2±1.4, 56°49'S:27°30'W, h138km, mb4.2/3, Error ellipse: s-maj=13.8km s-min=7.2km az=59.0

ISC 31 12:55:42.0±1.5, 56°52'S:27°32'W, h150km, mb4.0/8, mb1.4/1.0, mb1mx3.9/2.0, mbtmp4.5/1.0, Error ellipse: s-maj=22.8km s-min=14.5km az=63.0

ISC 31 12:55:40.0±0.7, 56°45'S:0°12'27.0W:0.1, h150km, n34, c=258/28, mb4.2/10, South Sandwich Islands region

Main station list for 1635, including HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, SNA4 Sanae, PMSA Palmer Station, TRQA Torquait, QSPA South Pole Qui, QSPA Villa Florida, MAW Mawson, LVC Limon Verde, VANDA Vanda, H10S2 ASCENSION HYDR48.35, H10S3 ASCENSION HYDR48.35, H10S1 ASCENSION HYDR48.37, H10N1 ASCENSION HYDR49.47, H10N3 ASCENSION HYDR49.47, H10N2 ASCENSION HYDR49.48, LPAZ La Paz, DBIC Dimboko, TORO Torodi Ar. Bea, STKA Stephens Creek, ASAR Alice Springs, FINES FINES Array B, CMAR Chiang Mai Arr, INK Inuvik, DOT Dot Lake, SML Sawmill, ILAR Eielson Array, SONM Songoing Array, MCK McKinley, TRF Thortifera Hill, KTH Kantishna Moun.

CSEM 31 12:57:56.8±0.1, 42°96'N:13°66'E, h19km, ML3.3/5, Error ellipse: s-maj=3.5km s-min=2.4km az=63.0

ISCJB 31 12:57:57.3±0.4, 42°97'N:0°03'13.7E:0.04, h18km, az=40.1, Error ellipse: s-maj=4.9km s-min=4.1km az=40.1

ROM 31 12:57:57.0±0.2, 42°96'N:13°71'E, h18km, ML2.7/32, Error ellipse: s-maj=3.7km s-min=1.9km az=56.0

ISC 31 12:57:57.3±0.9, 42°94'N:0°02'13.6E:0.02, h18km, n2km, m69, c=673/86, Central Italy

Main station list for 1635 (continued), including OFFI Offida, TRTR Tortoreto Alta, GUMA Gualdo di Mace, TERO Teramo, NRCA Norcia, FDMO Fiordimonte, VCEL Villa Celiara, CING Cingoli, CESI CESI - Serrava, VCEL Villa Celiara, LNNS Leonessa, SNTG Esanatoglia, FAGN Fagnano.

2011 AUG

Main station list for 2011 AUG, including ARVD Arcevia, FIAM Fiamignano, SSFR Montelago di S, MURB Monte Urbino, FRON Frontone, INTR Introdocqua, MPAG Monte Paganucc, FSSB Fossobrone, PIEI Pieia, ATVO AVT- Monte Val, ATPC Poggio Castell, CERT Cerreto, MGAB Montegabbione, BADI Badiali, ATMC Monte Cedrone, POFI Posta Fibreno, PARC Parchiete, SACS San Casciano d, CAFI Castiglione Fio, CPGN Carpegna, Italy, T0502 Localit' San, NVLJ Novajia, UDBI Udbina, UDBI Udbina.

ISCJB 31 13:01:55.3±0.5, 42°91'N:0°04'13.6E:0.04, h13km, az=40.1, Error ellipse: s-maj=6.2km s-min=4.8km az=174.4

CSEM 31 13:01:55.4±0.1, 42°92'N:13°65'E, h21km, ML2.9/7, Error ellipse: s-maj=3.1km s-min=2.6km az=21.0

ROM 31 13:01:55.0±0.2, 42°94'N:13°72'E, h22km, ML2.5/19, Error ellipse: s-maj=2.8km s-min=1.7km az=51.0

ISC 31 13:01:55.5±0.9, 42°94'N:0°03'13.6E:0.03, h22km, n5km, n44, c=991/61, Central Italy

Main station list for 2011 AUG (continued), including OFFI Offida, TRTR Tortoreto Alta, GUMA Gualdo di Mace, TERO Teramo, NRCA Norcia, FDMO Fiordimonte, VCEL Villa Celiara, CING Cingoli, CESI CESI - Serrava, LNNS Leonessa, SNTG Esanatoglia, FAGN Fagnano.

31d 13h

Main station list for 31d 13h, including ARVD Arcevia, ATCC AVT- Casa Cast, SSFR Montelago di S, FRON Frontone, MPAG Monte Paganucc, FSSB Fossobrone, PIEI Pieia, ATVO AVT- Monte Val, NVLJ Novajia, UDBI Udbina.

NIED 31 13:22:00, 36°40'N:141°80'E, h14km, Mw4.3, Best double couple: M2.72000x1015 NP1.9x224.00000°, 8.18.00000°, 1.14.00000°. NP2.0x19.00000°, 8.73.00000°, 8.2.00000°.

Bull 31 13:22:35.1, 36°29'N:142°35'E, h18km, mb4.6/36, mb4.9/25, Ms4.4/19, Ms7.4/19

ISCJB 31 13:22:39.7±1.0, 36°35'N:0°03'141.97E:0.04, h28km, mb4.7km, mb4.4/39, MS4.0/6, Error ellipse: s-maj=5.3km

MOS 31 13:22:40.1±1.2, 36°42'N:141°92'E, h28km, mb4.8/14, Error ellipse: s-maj=10.3km s-min=7.3km az=115.7

JMA 31 13:22:40.6±0.2, 36°40'N:141°84'E, h7km, mb4.2, Error ellipse: s-maj=9.6km s-min=6.6km az=120.0

NEIC 31 13:22:42.6±4.0, 36°30'N:141°92'E, h34km, mb3.9/18, mb1.4/0.23, mb1mx3.9/4.3, mbtmp4.1/23, ML3.8/5, MS3.6/5, Ms1.3/6.5, ms1mx3.2/44, Error ellipse: s-maj=18.9km s-min=14.0km az=98.0

ISC 31 13:22:42.4±1.4, 36°36'N:0°04'141.92E:0.05, h30km, n9km, n107, c1546/128, mb4.4/39, MS4.0/6, 4C, Near east coast of eastern Honshu

Main station list for 31d 13h (continued), including CHOU Chosi, JHO Hitachi, ONAJ Iwakimizuishiy, JFK Kawachi, JFK Otama, JMM Marumori, BSO1 Boso 1, BSO3 Boso 3, BSO3 Ashikaga, JAG Yanaizu, JFY Ryogami san, MJAR Matsushiro Arr, MJAR Matsu-Tunnel, MJAR Mitsune, MJAR Hitachio jima 2, ERM Erimo, ERM Erimo, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Natsukue, YLA Vladivostok, YSS Yuzh-Sakhalins, USRK Ussurysk Ar., KSRS Kora Array, KSRS Wanjun Array Be, KSAR Wanjun Array Be, MDJ Wudnjianjing, MDJ Asahikawa, MDJ Khabarovsk, CN2 Changchun, CN2 Petropavlovsk, PET Petropavlovsk, BJI Beijing, WHC Wuhan, HHC Hu-ho-hao-te, HHC Yakutsk, YAK Yakutsk, YAK Yakutsk.

Table with 5 columns: Station Name, Time, Res, P, and other parameters. Includes stations like WB2, AS31, ASAR, AS01.

NNC 31 14:58:07.8:1.6,42.19N:81.98E, h0km, mb4.1, mpv3.6, Error ellipse: s-maj=14.2km s-min=8.0km az=152.0

SOME 31 14:58:10.2,42.28N:81.77E, h5km

ISC 31 14:58:07.7:1.1,42.11N:0.06:81.96E:0.04,h14km,n28,z658/42,9C-12D, Northern Xinjiang

Main table for station 1639 with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, P. Lists numerous stations like Podgornoye, Uzunbulak, etc.

KRSC 31 15:01:01.1:3.2,49.87N:157.08E, h59km, 29km, ML4.9

MOS 31 15:01:02.3:1.1,49.94N:156.41E, h68km, mb4.9/23, Error ellipse: s-maj=9.5km s-min=3.6km az=74.0

IDC 31 15:01:03.6:0.6,49.97N:156.49E, h59km, 5km, mb4.0/19, mb1.4/24, mb1mx4.0/52, mbmp4.2/24, MS3.3/5, Ms1.3/4.5, ms1mx3.1/40, Error ellipse: s-maj=14.1km s-min=9.9km az=133.0

IJC 31 15:01:04.0:50.29N:156.82E, h88km, mb4.6/20, MB4.8/15, Ms4.7/7, Ms7.4/7

ISCJB 31 15:01:04.2:0.5,50.04N:0.04:156.52E:0.05, h77km, 4km, mb4.5/98, Error ellipse: s-maj=8.0km s-min=3.4km az=147.5

NEIC 31 15:01:06.5:0.6,50.08N:156.46E, h82km, 5km, mb4.7/73, Error ellipse: s-maj=6.7km s-min=3.1km az=153.0

ISC 31 15:01:04.1:0.7,49.90N:156.00E, h67km, 5km, mb4.1/38/542, mb4.6/98, 5C-2D, Kuril Islands

Table for station 1639 with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, P. Lists stations like Severo-Kuril's, Asacha, Mutnovka, etc.

Main table for station 2011 AUG with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, P. Lists numerous stations like Russkaya, Gorelyy, etc.

Main table for station 31d 15h with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, P. Lists numerous stations like YAK, YAKU, KSRS, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like W82 Warramunga Arr, WRA Warramunga Arr, WRA Bridge Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like S45A Carrier Mills, V42A Cord, W41B Gary Mavity, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like DZM Mont Dzumac, DZM Ching Mai Arr, DZM Warramunga Arr, etc.

ISC 31 15:08:12.3.6.0.16:678:473:36W h0km, mb4.1/2, mb1 4.2/3, mb1mx3.7/33, mbtmp4.0/3, ML3.4/1, MS3.4/3, Ms1 3.5/3, ms1mx3.0/31, Error ellipse: s-maj=230.8km s-min=25.1km az=134.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like AFI Afimalu, AFI Honiara, DZM Mont Dzumac, etc.

CASC 31 15:08:45.7.1.3.8:33N-83:44W, h13km, e6km, MD3.6, 3C, Costa Rica

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like ACR Cerro Adams, BRU2 Volcan, TBS2 Buena Vista, etc.

CSEM 31 15:11:18.2.0.3.50:24N:19:27E, h5km, Error ellipse: s-maj=7.7km s-min=3.5km az=179.0

PRU 31 15:11:19.1.50:23N:19:28E, h0km, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like OJC Ojcow, OKC Ostrava-Krasne, OKC Ostrava-Krasne, etc.

ISC 31 15:30:02.9.1.18:78S:167:75E, h0km, mb3.9/6, mb1 4.1/7, mb1mx3.8/29, mbtmp3.9/7, ML3.2/1, MS3.1/2, Ms1 3.1/2, ms1mx2.6/26, Error ellipse: s-maj=56.2km s-min=26.9km az=123.0

ISCJB 31 15:30:04.6.1.4.18:83S:0:08:167:7E:0:2, h20km, mb3.9/7, MS3.4/1, Error ellipse: s-maj=33.1km s-min=10.9km az=10.0

NEIC 31 15:30:07.1.2.18:92S:167:81E, h35km, mb4.4/1, Error ellipse: s-maj=30.6km s-min=15.9km az=111.0

ISC 31 15:30:05.7.1.6.18:9S:0:1:167:8E:0:3, h20km, n9, 0:72/11, mb3.9/7, Vanuatu Islands

ISC 31 15:42:33.9.6.8.6:04S:153:17E, h78km, s51km, mb3.3/4, mb1 3.5/5, mb1mx3.7/27, mbtmp3.7/5, ML2.2/1, Error ellipse: s-maj=66.5km s-min=29.6km az=112.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 31 15:48:37.7.0.7.40:2S:0:1:78:2E:0:2, h10km, mb4.4/11, MS4.4/11, Error ellipse: s-maj=20.3km s-min=14.8km az=145.8

GCMT 31 15:48:39.9.0.2.40:12S:78:12E, h17km, s1km, MW5.2/98, Moment Tensor Solution, s61, c81, s98, c163, Duration: 0, Moment tensor: Scale 10^19Nm; Mr=0.715, Mw=5.674, Ms=1.4, Ms6=37.15, Ms7=1.91, Ms8=36, Ms9=11.11, Ms10=25.31, Best double couple: M6.43300:1016 NP1s:137.00000: s84.00000: lambda-160.00000, NP2: 0.45.00000: s70.00000: lambda-6.00000, Principal axes: T 6.5880, Plg10.0000, Azm269.0000; N -0.3160, Plg69.0000, Azm152.0000; P -6.2790, Plg18.0000, Azm2.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 31 15:48:39.9.0.7.40:20S:78:24E, h10km, mb4.5/3, Error ellipse: s-maj=20.0km s-min=15.3km az=143.0

ISC 31 15:48:41.1.1.2.40:60S:78:72E, h0km, mb4.1/7, mb1 4.3/7, mb1mx3.9/36, mbtmp4.1/7, MS4.3/16, Ms1 4.3/16, ms1mx3.2/24, Error ellipse: s-maj=38.4km s-min=21.2km az=125.0

ISC 31 15:48:40.3.0.7.40:3S:0:1:78:2E:0:2, h10km, n33, 0:160/14, mb4.3/11, MS4.4/11, Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like MAW Mawson, MAW Cape Leeuwin H, H01W2 Cape Leeuwin H, etc.

H08S2 Diego Garcia H 32.91 349 T T 16 29 32.6

H08S3 Diego Garcia H 32.92 349 T T 16 29 36.7

BOSA Boshof 44.61 268 LR LR 16 12 35.4

FITZ Fitzroy Crossi 46.27 76 eP P 15 57 05.9 -0.2

ASAR Alice Springs 49.26 88 P P 15 57 29.0 0.0

ASAR 0.5mm, 0.8s, baz=226, slow=3.2, SNR=6.2

ASAR comp=Z, 1.1m, 1.8, 1s, baz=250, slow=3.4

SNA4 2.3mm, 1.1s, baz=167, slow=16, SNR=6.3

VNDA 1.3mm, 0.7s, baz=274, slow=9.5, SNR=7.4

QSPA comp=Z, 4.20m, 18.0s, baz=268, slow=35

LSZ Lusaka 50.00 285 eP P 15 57 34.3 -0.8

STKA Stephens Creek 50.93 102 P P 15 57 40.8 -1.1

STKA 4.5mm, 0.7s, baz=262, slow=5.1, SNR=16

WRA Warramunga Arr 51.71 84 P P 15 57 46.8 -1.1

WRA 2.2mm, 0.7s, baz=234, slow=7.4, SNR=16

WRAB Tennant Creek 51.74 84 eP P 15 57 47.3 -0.7

ISCJB 31 16:56:1.0.4.37:23N:0:03:28:19E:0:03, h0km, Error ellipse: s-maj=4.4km s-min=2.8km az=10.2

CSEM 31 16:56:4.0.2.37:22N:28:18E, h10km, MD2.5, Error ellipse: s-maj=3.8km s-min=2.8km az=15.0

DDA 31 16:56:4.37, 21N:28:17E, h7km, Md2.6, Suspected Mining explosion

31d 17h

ISK 31 16:16:56.0,37.24N,28.18E,h14km,MD2.5
ISC 31 16:16:55.1,0.8,37.23N,0.03,28.15E,0.02,h0km,n33,
o055/48,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSLB Milas, TURN Turunc, DALY Dalian, etc.

MEX 31 16:24:26.7,0.5,14.26N,92.60W,h100km,50km,MD3.8,
Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TGIG, KAPI, FITZ, WRA, etc.

ISC 31 16:30:27.0,3.5,7.79S,123.83E,h256km,65km,mb3.5/1,
mb1 3.7/5,mb1mx3.0/38,mbtmp4.1/5,Error ellipse:
s-maj=100.0km s-min=23.4km az=63.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAPI, FITZ, WRA, ASAR, STKA, etc.

ISC 31 16:31:54.7,3.7,24.51S,179.76E,h476km,34km,mb3.5/6,
mb1 3.7/6,mb1mx3.2/38,mbtmp4.4/6,Error ellipse:
s-maj=80.8km s-min=28.5km az=161.0, South of Fiji

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTA, STKA, TXAR, BRTR, etc.

ISCJB 31 16:33:51.9,0.6,15.94S,0.06,172.03W,0.05,h114km,
mb4.1/4,Error ellipse: s-maj=9.7km s-min=5.5km az=30.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB12, TXAR, BRTR, etc.

2011 AUG

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIV, SAML, PTGA, SDV, etc.

IDC 31 16:55:34.6,1.6,26.57S,176.80W,h0km,mb4.2/5,
mb1 4.4/6,mb1mx3.9/34,mbtmp4.3/6,MLS.2/1,MS3.3/1,
Ms1 3.3/1,ms1mx2.7/23,Error ellipse: s-maj=41.6km
s-min=29.0km az=73.0

ISCJB 31 16:55:38.0,0.9,26.67S,176.76W,0.2,h35km,
mb4.4/6,Error ellipse: s-maj=20.3km s-min=10.0km
az=13.6

NEIC 31 16:55:40.9,1.5,26.62S,176.71W,h45km,14km,mb4.4/2,
Error ellipse: s-maj=19.5km s-min=13.9km az=104.0

ISC 31 16:55:40.2,0.9,26.63S,176.9W,0.2,h35km,n13,
o13112,mb4.4/6,South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO, AFI, DZM, etc.

IDC 31 16:58:40.4,1.4,4.82S,151.57E,h0km,mb3.9/4,
mb1 4.1/5,mb1mx3.736,mbtmp4.0/5,ML2.0/1,MS2.6/1,
Ms1 2.6/1,ms1mx2.4/22,Error ellipse: s-maj=70.8km
s-min=24.3km az=122.0

NEIC 31 16:58:55.4,4.6,5.12S,151.86E,h38km,37km,mb4.1/1,
Error ellipse: s-maj=42.1km s-min=31.8km az=104.0

ISC 31 16:59:00.4,1.9,5.45S,151.62E,0.2,h65km,n9,
o141110,mb3.8/5,New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG, PMG, PMG, etc.

IDC 31 17:09:26.6,0.9,48.34N,155.04E,h0km,mb3.8/6,
mb1 4.1/10,mb1mx3.8/42,mbtmp3.9/10,ML3.9/4,MS3.3/3,
Ms1 3.3/3,ms1mx2.8/32,Error ellipse: s-maj=27.1km
s-min=19.6km az=105.0

MOS 31 17:09:29.0,1.4,48.19N,155.19E,h35km,mb4.5/1,Error
ellipse: s-maj=16.2km s-min=4.9km az=72.3

SKHL 31 17:09:31.0,0.9,48.20N,155.31E,h41km,mb4.8/6

NEIC 31 17:09:31.6,0.8,48.20N,155.15E,h35km,mb4.4/1,Error
ellipse: s-maj=21.7km s-min=10.5km az=118.0

KRSC 31 17:09:32.7,2.7,48.38N,156.62E,h17km,53km,ML4.5

ISC 31 17:09:29.2,0.9,48.06N,155.59E,0.1,h27km,n66,
o220713,mb3.8/6,Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR, SKR, SKR, etc.

ISC 31 17:11:05.3,13.27N,56.96W,h81km,MD4.3,1C-2D,
North Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBSF, BBSF, BBSF, etc.

1642

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PET, PET, PET, etc.

IDC 31 17:11:05.0,1.0,24.89N,109.32W,h10km,MD3.7,Gulf of
California

ISC 31 17:11:05.3,13.27N,56.96W,h81km,MD4.3,1C-2D,
North Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPIG, LPIG, LPIG, etc.

IDC 31 17:11:05.3,13.27N,56.96W,h81km,MD4.3,1C-2D,
North Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBSF, BBSF, BBSF, etc.

IDC 31 17:11:05.3,13.27N,56.96W,h81km,MD4.3,1C-2D,
North Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBSF, BBSF, BBSF, etc.

IDC 31 17:11:05.3,13.27N,56.96W,h81km,MD4.3,1C-2D,
North Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBSF, BBSF, BBSF, etc.

IDC 31 17:11:05.3,13.27N,56.96W,h81km,MD4.3,1C-2D,
North Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBSF, BBSF, BBSF, etc.

IDC 31 17:11:05.3,13.27N,56.96W,h81km,MD4.3,1C-2D,
North Atlantic Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBSF, BBSF, BBSF, etc.

BUC 31 17:44:23.0,0.9,45.95N,27.29E,h12km,4km,MD2,2/2, 4C-8D, Error ellipse: s-maj=8.2km s-min=3.9km az=24.0, Romania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Rows include ODBI Odobesti, ODBI Odobesti, ODBI Odobesti, VRI Vrincoiaia, etc.

ISCJB 31 17:46:05.2,0.7,51.40N,0.03,16.14E,0.03,h0km, Error ellipse: s-maj=4.9km s-min=2.9km az=11.7

CSEM 31 17:46:06.0,0.4,51.45N,16.14E,h0km,3km,ML3.1/1/2, Error ellipse: s-maj=5.5km s-min=2.8km az=175.0

WAR 31 17:46:06.0,0.5,51.50N,16.11E,h1km,Mw2.9

ISC 31 17:46:06.7,1.0,51.42N,0.04,16.14E,0.02,h0km,n40, -0837/6, Poland

Main table of station data for the left column, including KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, UPC Upice, etc.

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

SET Setif 1.91 304 P Pg 18 03 07.0 +2.4

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

SET Setif 1.91 304 P Pg 18 03 07.0 +2.4

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

SET Setif 1.91 304 P Pg 18 03 07.0 +2.4

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

SET Setif 1.91 304 P Pg 18 03 07.0 +2.4

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

SET Setif 1.91 304 P Pg 18 03 07.0 +2.4

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

SET Setif 1.91 304 P Pg 18 03 07.0 +2.4

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

SET Setif 1.91 304 P Pg 18 03 07.0 +2.4

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

SET Setif 1.91 304 P Pg 18 03 07.0 +2.4

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

SET Setif 1.91 304 P Pg 18 03 07.0 +2.4

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

SET Setif 1.91 304 P Pg 18 03 07.0 +2.4

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

SET Setif 1.91 304 P Pg 18 03 07.0 +2.4

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

SET Setif 1.91 304 P Pg 18 03 07.0 +2.4

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

SET Setif 1.91 304 P Pg 18 03 07.0 +2.4

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

SET Setif 1.91 304 P Pg 18 03 07.0 +2.4

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

SET Setif 1.91 304 P Pg 18 03 07.0 +2.4

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DFRA Djebel Bou Aff 1.84 320 P Pg 18 03 04.0 +0.6

DL2 comp=E,8,0m,0.4s 3.58 229 Pn Pn 19 15 15.0 -1.2

TIA Tai'an 3.58 229 Pn Pn 19 15 15.0 -1.2

TIA Tai'an 3.58 229 Pn Pn 19 15 15.0 -1.2

TIA Tai'an 3.58 229 Pn Pn 19 15 15.0 -1.2

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TIA Tai'an 3.58 229 Pn Pn 19 15 15.0 -1.2

NIED 31 18:14:00,37.70N,143.20E,h11km,Mw3.8, Best double couple: M1.5,03000,1014,NP1.3,171,00000, s33,00000, l-68,00000, NP2.3,324,00000, s55,00000, l-107,00000

ICD 31 18:14:58.7,1.1,37.70N,143.10E,h0km,mb3.9/8, mb1.4/0.11,mb1mx3.8/4.7,mbtmp3.9/11,ML3.6/3,MS2.5/1, Ms1.2.5/1,ms1mx2.2/37, Error ellipse: s-maj=32.4km s-min=18.4km az=90.0

JMA 31 18:14:59.4,0.3,37.72N,143.19E,h36km,M4.0

ISCJB 31 18:15:00.2,0.7,37.72N,143.10E,0.07,h24km, mb3.9/9, Error ellipse: s-maj=8.2km s-min=6.5km az=175.5

NEIC 31 18:15:04.0,1.5,37.72N,143.08E,h36km,2km,mb4.4/1, Error ellipse: s-maj=18.0km s-min=9.3km az=109.0

ISC 31 18:15:02.1,0.9,37.72N,143.07E,0.10,h24km,n31, s145/29,mb3.9/9,1D, Off east coast of Honshu

Main table of station data for the middle column, including JIO Ouri, JIO Ouri, JIO Ouri, JIO Ouri, JIO Ouri, etc.

DL2 comp=E,8,0m,0.4s 3.58 229 Pn Pn 19 15 15.0 -1.2

TIA Tai'an 3.58 229 Pn Pn 19 15 15.0 -1.2

TIA Tai'an 3.58 229 Pn Pn 19 15 15.0 -1.2

TIA Tai'an 3.58 229 Pn Pn 19 15 15.0 -1.2

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TIA Tai'an 3.58 229 Pn Pn 19 15 15.0 -1.2

TIA Tai'an 3.58 229 Pn Pn 19 15 15.0 -1.2

ICD 31 19:33:23.2,73.0,19.03S,166.97E,h0km,mb3.8/3, mb1.4/0.3,mb1mx3.6/4.5,mbtmp3.8/3, Error ellipse: s-maj=1218.0km s-min=117.0km az=74.0, Vanuatu

Main table of station data for the right column, including DL2 comp=E,8,0m,0.4s, TIA Tai'an, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy 30.19, STKA Stephens Creek 30.90, SFZ Birch Farm 31.25, SNZO South Karori 31.48, THZ Tophouse 31.57, WB2 Warramunga Arr 31.85, WRI Warramunga Arr 31.86, WRA Warramunga Arr 31.86, WRA 1.0m, 0.8s, baz=76, slow=3.3, SNR=8.3, LTZ Lake Taylor 32.47, AS31 Alice Springs 33.20, AS31 Alice Springs 33.20, ASAR 0.7m, 0.5s, baz=66, slow=1.1, SNR=3.3, ASAR 1.0m, 0.6s, baz=79, slow=2.6, SNR=10.1, RPZ Rata Peaks 33.23, RPZ Rata Peaks 33.23, RPZ Rata Peaks 33.23, MQZ McQueen's Vall 33.43, LBZ Lake Benmore 33.80, BBOO Buckleboe 35.28, FITZ Fitzroy Crossi 39.73, CBJJ Chichi jima 44.08, JHJ Hachijo jima 2.00, KKM Kota Kinabalu 52.28, MJAR Matsuhiro Arr 53.75, JNU Nunak 54.92, KSRS Korea Array 59.70, KSAR Wonju Array Si 59.72, USKR Ussuriysk Arr 62.72, GSTR Get Silk'in 64.38, VVDA Vanda 66.89, VVDA Vanda 66.89, SONAO Songoing Array 78.51, SONM Songoing Array 78.51, QSPA South Pole Qui 79.35, MAW Mawson 85.18, MAW Mawson 85.18, KEST Kesra 147.26, ESDC Sonseca Array 149.75.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA 31 21:31:13.5,36:33N:138:06E, JGK Kuni 0.27, MAT Matsuhiro 0.43, MAT Matsuhiro 0.43, JHK Hiroka 0.53, JNG Nsakai 0.58, JNG Nsakai 0.58, JRY Ryogami san 0.85.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRSC 31 21:34:17.8, MKZ Mys Kozlova 0.93, SPNS Mys Shipunski 1.23, SDLR Sedlovina 1.82, SMAR Somma 1.87, UGLR Uglovaya 1.87, KREY Koryakskii 1.89, AVH Avacha 1.91, TUMR Tumrok 1.93, KRX Arik 1.94, KOK Koryaka 1.96, DALK Dalny 1.96, KMNR Kamenshtaya 2.33, GNAL Ganaly 2.33, RUS Russkaya 2.35, KRMR Karymshinskiy 2.38, BZMR Bezymannaya 2.44, ZLNL Zelnyaya 2.47, KIRR Kirishev 2.49, MTRV Mtnovka 2.50, KPT Kopyto 2.52, LGNR Loginova 2.55, CIRR Tsirk 2.57, KRSR Krestovskiy 2.70, ASAK Asacha 2.70, ASAK Bki 2.87, APC Apacha 2.91, ESO Esso 2.94, SMKR Semkarok 2.96, SRKR Sorokina 3.05.

ISCJB 31 21:37:53.1, 0.4, 58.26N, 0.03:15.12W, 0.05, h28km, mb4.2/30, MS3.7/4, Error ellipse: s-maj=5.5km s-min=3.1km az=147.4 NEIC 31 21:37:56.0, 58.31N:151.22W, h47km, ML4.1(AEIC), After AEIC. NEIC Felt [I] at Kodiak. Also felt at Ouzinkie.

IDC 31 21:37:58.9, 2.9, 58.64N:151.85W, h42km, 26km, mb3.9/23, mb1.4/0.27, mb1mx3.9/55, mbtmp.4/1.27, ML3.9/4, MS1.3/4.5, ms1mx2.9/44, Error ellipse: s-maj=25.3km s-min=14.8km az=2.0

MOS 31 21:38:00.7, 0.9, 58.92N:151.92W, h62km, mb4.8/8, Error ellipse: s-maj=18.5km s-min=5.7km az=84.4 ISC 31 21:37:55.2, 0.5, 58.40N:151.37W, 0.04, h28km, n127, c1s45/130, mb4.3/30, MS3.7/4, C-1D, Kodiak Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KDAK Kodiak Island 0.89, CNFM China Poot 1.14, FOPK Fourpeaked Vol 1.16, HOM Homer 1.27, FODD Fourpeaked Sta 1.28, CDD Cape Douglas 1.30, BRKJ Bradley Lake 1.40, FOWN Fourpeaked Sta 1.40, AUE Augustine Isla 1.42, AUI Augustine Isla 1.42, CHAN Old Harbor 1.52, OPT Oil Point 1.58, OKNL McNeil River 1.73, ILS Iliamna Low So 1.73, KAWH Katmai 1.80, ILIM Iliamna 1.88, PMR Palmer Barrier 1.92, KAKH Katmai Hardscr 1.92, KAKM Katmai Knife C 1.95, SEW Seward 1.98, KVTA Katmai Vly 10 2.06, KABU Katmai Buttes 2.07, RED Redoubt Volcan 2.15, SLKM Skikak Lake 2.20, KELA Mount Kelaz 2.30, NCT North Crescent 2.31, RDJH Redoubt Jeurge 2.32, PMR Palmer Barrier 2.43, RCO1 Rabbit Creek A 2.83, FIB Fire Island 2.84, SPCR Spurr Chakacha 2.84, PWL Port Wells 2.84, SPWV Spurr West 2.95, STLK Strandline Lak 3.12, HIN Hinchinbrook I 3.20, KNK Knik Glacier 3.26, PMR Palmer Barrier 3.40, FID Firdalgeo 3.43, SVW2 Sparrevohn 3.45, EYAK Cordova Ski Ar 3.59, SKW Shwenta 3.60, JPK Japik Peak 3.60, GHO Glory Hole Cre 3.60, VML Valdez 3.75, SZL Sawmill 3.75, SML Sawmill 3.75, DIV Divide 3.94, ANPK Aniakchak Peak 3.95, SCM Sheep Creek Mo 4.00, BMRM Bremner River 4.29, PPLA Purkeyette 4.53, WAX Wax Glacier 4.53, HARP HAARP 5.07, TTO1 Tatalina 5.07, TTA Tatalina 5.09, DNY Denali Highway 5.09, TRF Thorofare Moun 5.18, RND Reindeer 5.18, KTH Kantishna Hill 5.18, KIAG Kiagna River 5.23, BALD Baldy 5.28, BALM Baldy 5.28, PAX Paxson 5.43, MCK McKinley 5.48, WRH Wood River Hill 6.30, PNL Peninsula 6.31, DOT Dot Lake 6.35, CCB Clear Creek Bu 6.50, COLA College 6.71, ILAR Ellison Array 6.75.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR 5.7m, 0.3s, baz=209, slow=15, SNR=6.6, MDM Murphy Dome 6.75, DHAK Deception Hill 6.89, IM3 Indian Mountai 7.70, DLBC Dease Lake 11.19, INK Inuvik 12.70, INK Inuvik 12.70, BBB Bella Bella 14.95, YKA Yellowknife Ar 18.42, SEY Seymchan 27.15, SEY Seymchan 27.15, PETK Petropavlovsk-2 28.56, PDAR Pinedale Array 30.21, YAK Yakutsk 37.13, SPITS Spitsbergen Ar 43.47, TXAR Lajitas Array 43.63, TXAR Lajitas Array 43.63, KLR Kul'dur 43.92, NRIK Noril'sk 45.71, NRUK Ussuriysk Arr 47.30, KSRS Korea Array 54.38, KSAR Wonju Array Be 54.40, KSAR Wonju Array Be 54.40, NVNS Songoing Array 56.42, NVNS Songoing Array 56.42, ZALV Zalesovo Beam 59.17, NOFA NORFAR Array B 60.13, FINA FINESSE Array B 60.48, KLMR Klumovskoe 60.78, ARU Arti 63.04.

ARU ARU ARU comp=Z, 4.0m, 1.2s S SS S 21 56 40 +6.9 22 00 40.7 -1.1 KURK Kurchatov 63.83 327c /P Pmax P 21 48 24.0 -0.4 KURK Kurchatov 63.83 327 P P 21 48 24.8 +0.4 BRVK Borovoye 63.88 333c /P Pmax P 21 48 24.2 -0.5 KURB Kurchatov Arr 63.94 327 P P 21 48 24.8 -0.3 OBN Obninsk 66.66 355f /P Pmax P 21 48 43.4 +0.8 OBN comp=Z, 5.4m, 17.0s MRL MRL 21 48 56.5 -0.3 AKTO Aktyubinsk 68.89 340 P P 21 48 56.5 -0.3 AKAS Malin Array Be 71.26 360 P P 21 49 11.0 -0.3 AAK Ala-Archa 72.35 326 eP Pmax P 21 49 17.5 -0.7 AAK Ala-Archa 72.35 326 eP Pmax P 21 49 17.5 -0.7 GERES GERESS Array B 72.42 10 P P 21 49 18.9 +0.5 PPT2 Papeete2 75.72 178 eLR LR 21 50 04.5 KMI Kunming 76.80 296 P P 21 49 42.5 -1.9 KMI comp=Z, 9.0m, 0.5s Pmax Pmax 21 49 42.5 -1.9 ESDC Sonseca Array 78.57 25 P P 21 49 53.5 -0.3 GEYT Alibek 80.92 337 P P 21 50 07.2 +0.7 BRTR Keskin Array B 82.15 356 P P 21 50 13.7 +0.5 CMAR Chiang Mai Arr 84.31 296 P P 21 50 24.4 0.0 CMAR Chiang Mai Arr 84.31 296 i P Pmax Pmax 21 50 25.0 +0.6 KEST Kesra 84.84 16 P P 21 50 28.4 +1.4 MOS 31 21:37:56.8, 1.0, 23:79S:179:89W, h513km, mb5.2/6, Error ellipse: s-maj=12.4km s-min=11.3km az=19.8 BJL 31 21:37:56.6, 0.2, 23:80S:179:80W, h510km, mb4.7/24, m5.0/1.8 ISCJB 31 21:37:57.0, 0.6, 23:81S:0:04, 179:89W:0:04, h516km, 7km, mb4.7/82, Error ellipse: s-maj=6.5km s-min=5.5km az=33.3 NEIC 31 21:37:57.9, 0.6, 23:84S:179:79W, h521km, 6km, mb5.0/62, Error ellipse: s-maj=5.8km s-min=5.4km az=97.0 IDC 31 21:37:57.4, 1.5, 23:80S:179:78W, h511km, 14km, mb3.9/20, mb1.4/0.22, mb1mx3.9/37, mbtmp.4/2.22, Error ellipse: s-maj=15.2km s-min=12.7km az=84.0 ISC 31 21:37:57.1, 0.5, 23:82S:0:05:179:72W:0:06, h515km, 6km, n231, c1s38/261, mb4.8/82, 15C-6D, South of Fiji Islands Code Station Name Az Az' Phase ID Time Res ISC RAO Raoul Island 5.64 164 S S 21 40 47.3 +0.1 RAO Raoul Island 5.64 164 eP P 21 39 31.0 +0.4 RAO Raoul Island 5.64 164 eP P 21 39 31.0 +0.4 MSFV Nonsavu 6.41 341 eP P 21 39 39.0 +0.8 MSFV Nonsavu 6.41 341 eP P 21 39 39.0 +0.8 AFI Afiamalu 12.39 39 P P 21 40 37.1 -2.9 AFI 1.6m, 0.3s, baz=253, slow=20, SNR=11 S S 21 42 48.3 -5.8 AFI Afiamalu 12.39 39 eS P 21 40 37.0 -3.0 AFI Afiamalu 12.39 39 eS P 21 40 37.0 -3.0 AFI Afiamalu 12.39 39 eS P 21 42 53.2 -0.9 OUZ Omahuta 12.76 206 eP P 21 40 44.8 +1.4 DZM Mont Dumac 12.87 275 P P 21 40 46.4 +1.5 DZM Mont Dumac 12.87 275 eP P 21 40 46.8 +1.9 OXZ Matafua Point 13.80 180 eP P 21 40 55.7 +1.4 URZ Urewera 14.64 190 P P 21 41 00.4 +0.8 URZ 5.2m, 0.3s, baz=69, slow=2.9, SNR=22 S S 21 43 33.9 -2.8 HIZ Houtou 15.36 196 eP P 21 41 11.1 +0.4 BKZ Black Stump Fm 15.63 191 eP P 21 41 13.4 -0.2 BKZ Black Stump Fm 15.63 191 eS P 21 43 53.8 -1.5 BFZ Birch Farm 17.15 190 eP P 21 41 28.1 -0.7 SNZO South Karori 18.05 194 eP P 21 41 36.6 -0.3 SNZO South Karori 18.05 194 eP P 21 41 44.5 -0.5 KHZ Kahutara 18.92 197 eP P 21 41 48.9 -0.1 KHZ Kahutara 18.92 197 eP P 21 41 48.9 -0.1 LTZ Lake Taylor 20.04 197 eP P 21 41 56.4 +1.2 LHI Lord Howe Isla 20.28 243 eP P 21 41 59.4 +2.0 OXZ Oxford 20.61 197 eP P 21 41 59.6 -0.7 OXZ Oxford 20.61 197 eP P 21 42 01.4 -0.6 RPZ Rata Peaks 21.25 199 P P 21 42 06.6 +0.6 FOZ Fox Glacier 21.47 201 eP P 21 42 08.1 +0.1 LBZ Lake Benmore 22.12 200 eP P 21 42 12.2 -1.7 WKZ Wanaka 22.88 201 eP P 21 42 18.1 -2.7 MLZ Mavora Lakes 23.66 202 eP P 21 42 27.6 0.0 DCZ Deep Cove 24.08 203 eP P 21 42 31.4 0.0 HNR Honiara 24.12 303 P P 21 42 31.6 -0.6 WHZ Weather Hill Ro 24.18 201 eP P 21 42 33.4 +1.2 ARMA Armidale 26.29 249 eP P 21 42 53.0 +1.7 EIDS Eidsvold 26.57 261 eP P 21 42 54.4 +0.7 CTA Charters Tower 31.73 270 P P 21 43 39.4 +0.8 CTAO Charters Tower 31.73 270 Pmax Pmax 21 43 39.5 +0.8 CTAO Charters Tower 31.73 270 eP P 21 43 39.5 +0.8 TAU Tasmania Island 33.18 227 eP Pmax Pmax 21 43 50.1 -0.5 TAU Tasmania Island 33.18 227 eP P 21 43 50.0 -0.5 RABL Rabaul 34.31 301 eP P 21 43 49.8 -3.2 KWAJ Kwajalein Atol 34.71 338 eP P 21 44 02.3 -1.5 KWAJ Kwajalein Atol 34.71 338 eP P 21 44 02.3 -1.5 PMG Port Moresby 34.71 289 /P Pmax Pmax 21 44 03.7 -0.2 PMG Port Moresby 34.71 289 /P Pmax Pmax 21 44 03.7 -0.2 STKA Stephens Creek 34.99 248 P P 21 44 06.5 +0.4 STKA Stephens Creek 34.99 248 eP P 21 46 24.9 +0.9 STKA Stephens Creek 34.99 248 eP P 21 46 24.9 +0.9 STKA Stephens Creek 34.99 248 eP P 21 46 24.9 +0.9 STKA Stephens Creek 34.99 248 eP P 21 46 24.9 +0.9 COEN Coen 36.36 279 eP P 21 44 18.0 +0.4

31d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Pohnpei, Manus Island, Buckleboe, Alice Springs, etc.

2011 AUG

Table with columns for station name, frequency, power, and other technical details. Includes stations like Beijing, Marymoor Park, Camas Ranch, Wrangell Island, etc.

1646

Table with columns for station name, frequency, power, and other technical details. Includes stations like JMA 31 21:42:19.5, MEX 31 21:46:37.3, ICS/CB 31 21:52:56.0, etc.

31d 22h

Table of astronomical observations for 31 days and 22 hours. Columns include station name, object name, magnitude, position angle, and other parameters.

2011 AUG

Table of astronomical observations for 2011 August. Columns include object name, magnitude, position angle, and other parameters.

1648

Table of astronomical observations for 1648. Columns include station name, object name, magnitude, position angle, and other parameters.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TKM2 Tokmak 2, GEYT Alibeck, AB31 Akbulak array, etc.

ISCJB 31 23:01:15.3±1.0, 35°32'S:0°04'72"29W±0'09, h31km±7km, mb3.6/2, Error ellipse: s-maj=12.3km s-min=6.2km az=12.1

GUC 31 23:01:16.1±0.6, 35°32'S:72°28'W, h32km±5km, ML3.5, IDC 31 23:01:19.4±1.8, 35°32'S:72°31'W, h0km, mb3.6/2, mb1.3/8.4, mb1mx3.6/26, mbtmp3.6/4, ML3.7/2, Error ellipse: s-maj=62.0km s-min=20.5km az=82.0

ISC 31 23:01:14.8±1.3, 35°31'S:0°04'72"29W±0'06, h29km±14km, n10, c0574/13, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GO05 Hualae0, TALC Talca, COCH Cobquecura, etc.

JMA 31 23:02:50.6±0.2, 37°78'N:144°30'E, h41km, M3.5, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JIO Ouri, OFUJ Ofunato, MIYJ Miyakonagawasa, etc.

SJA 31 23:04:42.4±0.6, 35°08'S:72°53'W, h17km±37km, ML3.5, MW3.6

ISCJB 31 23:04:52.3±1.4, 34°83'S:0°08'72"0W±0'1, h59km±9km, Error ellipse: s-maj=19.2km s-min=12.1km az=14.5

GUC 31 23:04:52.7±0.4, 34°82'S:71°7'W, h46km±3km, ML3.8, IDC 31 23:04:54.1±3.4, 34°85'0"1:72°0'0±2, h47km±24km, n17, c0566/23, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GO05 Hualae0, CHPI Pichilemu, ANTU Antumapu, etc.

ISCJB 31 23:19:06.9±0.5, 67°80'N:0°03'20"E±0'10, h0km, Error ellipse: s-maj=5.4km s-min=4.8km az=3.2

UPP 31 23:19:06.7±0.0, 67°82'N:20°20'E, h0km, ML1.5, Explosion CSEM 31 23:19:07.0±0.2, 67°79'N:20°25'E, h2km, ML1.5, Error ellipse: s-maj=5.8km s-min=5.4km az=63.0, Mining explosion.

BER 31 23:19:10.8±1.7, 67°89'N:20°47'E, h0km, ML1.3, Suspected explosion

ISC 31 23:19:06.8±0.9, 67°80'N:0°03'20"E±0'03, h0km, n30, c0511/35, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA Kurravaara, KUA Kurravaara, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DUNU Dundret, LANU Lannavaara, MASU Masugnsbyn, etc.

TRO Tromso comp=Z:4.8nm,0.2s SNR=50 1.90 346 eP Pb 23 19 42.5 +0.2

STEI Steigen 1.90 276 eP Sg 23 19 44.2 +1.0

STEI Steigen 1.90 276 eS Sb 23 20 06.6 0.0

LOF Lofoten 2.55 281 eP Pb 23 19 52.8 -0.6

LOF Lofoten 2.55 281 eP Pb 23 19 52.8 -0.6

AREO ARCESS Array S 2.59 45 eP Pn 23 19 51.2 +1.3

AREO ARCESS Array S 2.59 45 eP Pn 23 19 51.2 +1.3

CSEM 31 23:19:10.0±0.7, 67°82'N:20°27'E, h2km, ML1.6, Error ellipse: s-maj=49.2km s-min=6.8km az=169.0, Mining explosion.

UPP 31 23:19:09.7±0.1, 67°81'N:20°21'E, h0km, ML1.6, Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUA Kurravaara, KUA Kurravaara, etc.

JMA 31 23:39:30.0±0.2, 38°11'N:144°28'E, h39km, M3.6, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OFUJ Ofunato, JIO Ouri, MIYJ Miyakonagawasa, etc.

ATH 31 23:56:24.1±1.5, 35°30'N:27°78'E, h11km±6km, ML2.0, Error ellipse: s-maj=9.3km s-min=1.6km az=336.0

CSEM 31 23:56:25.2±1.0, 35°40'N:27°79'E, h10km, ML2.0, Error ellipse: s-maj=24.8km s-min=9.1km az=144.0

DDA 31 23:57:12.8±3.5, 35°18'N:27°40'E, h25km, Md3.4, IDC 31 23:56:24.1±2.2, 35°31'N:0°09'27"83E±0'07, h9km±11km, n15, c1153/25, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KARP Karpathos, KARP Karpathos, ARG Arkhangelos, etc.

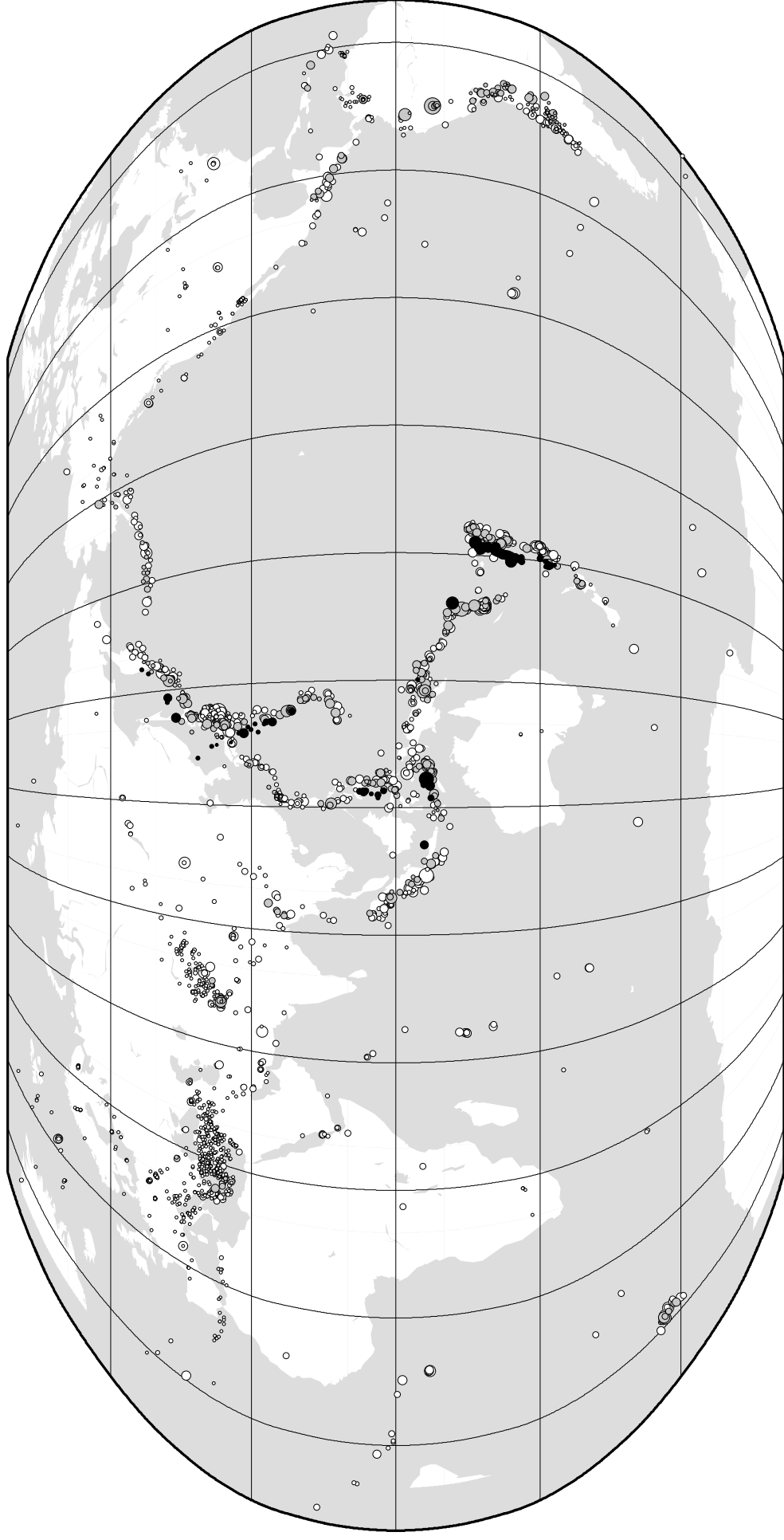
ISCJB 31 23:58:56.1±2.5, 19°25'S:0°1'175"4W±0'4, h223km, mb3.9/4, Error ellipse: s-maj=46.9km s-min=19.8km az=175.1

IDC 31 23:58:58.8±10.0, 19°36'S:175°72'W, h215km±91km, mb3.8/4, mb1.3/9.5, mb1mx3.4/31, mbtmp4.3/5, Error ellipse: s-maj=47.9km s-min=35.7km az=27.0

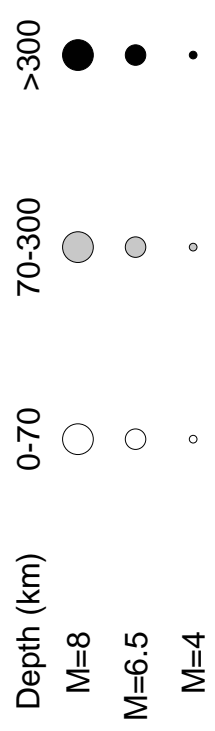
ISC 31 23:58:58.5±1.6, 19°45'S:0°1'175"5W±0'3, h223km, n8, c0577/11, mb3.9/4, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, URZ Urewera, URZ Urewera, etc.

ISC Computed Locations for August 2011



Robinson Projection, centred on 0°N, 130°E



3211 Events