

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.
 NTFN/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.
 Geological Research Authority of Sudan.
 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.

SPONSORS

Kinematics, Pasadena, U.S.A.

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

**© 2011 INTERNATIONAL SEISMOLOGICAL CENTRE
 Pipers Lane, Thatcham, Berkshire, RG19 4NS, United Kingdom**

Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

```

NEIC 01 18:45:41.7±1.7,21.70S×179.55W,h600km,mb4.6/6,
Error ellipse: s-maj=75.5km s-min=25.7km az=151.0
IDC 01 18:45:46.3±2.6,21.76S×179.70W,h627km,37km,mb3.5/4,
mb1 3.7/4,mb1mx3.2/14,Error ellipse: s-maj=83.2km
s-min=20.6km az=159.0
ISC 01 18:45:43.1±2.7,22.3S;02×179.6W;03,h613km,42km,
n22,r1515/21,mb4.4/9,1C, South of Fiji Islands
Code Station Name Δ° AZ° Phase ID ISC Time Res
h m s ISC
HBZ Hicks Bay 15.41 186 eP P 18 48 53.1 -1.7
URZ Urewera 16.21 189 P P 18 49 01.5 -0.9
MRZ Mangatoinoka R 18.81 192 eP P 18 49 26.7 0.0
DIW D'Urville Isla 19.30 195 eP P 18 49 27.3 -3.9
CAW Cannon Point 19.34 192 eP P 18 49 31.7 +0.1
OTW Orongorongo Tu 19.52 192 eP P 18 49 33.0 -0.2
MCW Moikau 19.61 192 eP P 18 49 35.5 +1.5
THZ Tophouse 20.46 196 eP P 18 49 42.0 +0.2
KHZ Kahutara 20.93 194 P P 18 49 46.2 +0.2
ARMA Armidale 27.03 246 eP P 18 50 42.4 +2.3
CTA Charters Tower 31.93 267 P P 18 51 22.3 +0.4
13nm,0.5s,mb4.8
STKA Stephens Creek 35.75 246 eP P 18 51 55.3 +1.8
3.1nm,0.4s,mb4.2
ASAR Alice Springs 42.74 259 P P 18 52 50.1 +0.3
9.8nm,0.5s,mb4.6,baz=92,slow=8.2,SNR=47
ASAR S 18 58 31.3 -0.1
1.0nm,0.8s,baz=95,slow=15,SNR=5.7
ASPA Alice Springs 42.74 259 eP P 18 52 50.1 +0.2
WRA Warramunga Arr 42.96 264 P P 18 52 51.0 -0.7
1.8nm,0.3s,mb4.0,baz=96,slow=7.8,SNR=93
WRA S 18 58 33.0 -1.5
0.3nm,0.9s,baz=99,slow=14,SNR=3.0
KAKA Kakadu 46.64 273 eP P 18 53 18.2 -1.8
14nm,0.4s,mb4.8
FITZ Fitzroy Crossi 51.39 264 eP P 18 53 54.3 -0.7
12nm,0.3s,mb4.8
MBWA Marble Bar 56.08 259 eP P 18 54 27.1 -0.7
11nm,0.6s,mb4.2
CMAR Chiang Mai Arr 89.35 290 P P 18 57 38.1 +1.0
1.3nm,0.8s,mb3.8,baz=135,slow=3.1,SNR=8.1
ARCES ARCESS Array B 130.36 349 PKP PKP 19 03 43.7 -0.5
0.7nm,0.6s,baz=282,slow=4.2,SNR=3.5
FINES FINES Array B 137.02 342 PKP PKP 19 03 57.3 +0.5
3.7nm,1.1s,baz=158,slow=3.2,SNR=5.4
MLR Muntele Rosu 148.85 324 PKPbc PKP 19 04 22.7 +5.2
0.2nm,0.7s,baz=1.2,slow=23,SNR=2.3

```

Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

NIED 01 00:02:00.27.50N:143.40E,h5km,Mw4.4 Best double couple: M5.00000:1015 NP1:114.00000:832.00000, L-147.00000. NP2:356.00000:873.00000, L-62.00000.
 BUJ 01 00:02:29.7.27.15N:143.05E,h11km,mb4.7/58,mb5.1/44, Ms4.6/35,Ms7.4/43
 IDC 01 00:02:29.6.0.5.27.25N:143.33E,h0km,mb4.4/22, mb1.4.6/25,mb1mx4.5/37,mbtmp4.4/25,ML4.0/3,MS3.6/18, Ms1.3.6/18,ms1mx3.4/44,Error ellipse: s-maj=14.3km s-min=13.4km az=148.0
 MOS 01 00:02:31.5.1.0.27.15N:143.11E,h21km,mb4.8/42,Error ellipse: s-maj=13.6km s-min=6.5km az=118.6
 NEIC 01 00:02:32.0.0.2.27.25N:143.17E,h10km,mb5.0/49,Error ellipse: s-maj=5.7km s-min=4.6km az=166.0
 JMA 01 00:02:32.2.0.2.27.46N:143.41E,h42km,ML6
 ISCJBJ 01 00:02:34.0.0.2.27.51N:0.02:143.06E:0.03,h27km, mb4.8/110,MS3.8/23,Error ellipse: s-maj=3.8km s-min=3.6km az=177.1
 ISC 01 00:02:34.9.0.4.27.38N:0.05:143.19E:0.05,h27km,n235, c1544/253,mb4.8/110,MS3.8/23,7C-7D, Bonin Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
GYA	Guiyang	32.51	277.1	P	00 09 02.7	-0.9
GYA				Pn	00 10 15.8	+1.2
GYA				PcP	00 11 51.8	+1.6
GYA				S	00 14 19.0	+1.7
GYA				ScP	00 15 34.5	+2.2
GYA				Ss	00 16 14.2	+2.3
GYA				pmax		
GYA	comp=Z,20nm,1.1s			pmax		
GYA	comp=Z,120nm,4.9s			pmax		
GYA	comp=Z,540nm,16.8s			LR	LR	LR
GYA	comp=Z,510nm,17.0s			LR	LR	LR
GYA	comp=Z,560nm,16.7s			LR	LR	LR
KRAI	Karang Ratu	33.69	207	P	00 09 13.9	+0.1
LZH	Lanzhou	34.38	295	P	00 09 19.2	-0.7
LZH				pP	00 09 22.0	-5.9
LZH				sP	00 09 23.8	-7.4
LZH				pmax		
LZH	comp=Z,15nm,1.0s			pmax		
LZH	comp=Z,110nm,4.4s			LR	LR	LR
LZH	comp=Z,510nm,17.3s			LR	LR	LR
LZH	comp=Z,360nm,16.2s			LR	LR	LR
LZH	comp=Z,430nm,15.1s			LR	LR	LR
CD2	Chengdu	34.50	285	P	00 09 19.9	-0.9
CD2				sP	00 09 25.0	-7.2
CD2				PP	00 14 48.9	+1.7
CD2				sS	00 14 55.0	-6.2
CD2				pmax		
CD2	comp=Z,60nm,0.7s			pmax		
ULN	Ulaanbaatar	34.74	316d	P	00 09 23.3	+0.5
ULN				pmax		
ULN	comp=Z,16nm,1.3s			P	00 09 22.8	-0.1
ULN	Ulaanbaatar	34.74	316	P	00 09 23.4	+0.5
ULN				pP	00 09 26.5	+0.3
SONA1	Songino Array	35.13	316	eP	00 09 26.2	0.0
SONM	Songino Array	35.14	315	P	00 09 26.2	0.0
SONM				comp=Z,4.4nm,0.8s,baz=119,slow=8.3,SNR=18		
YAK	Yakutsk	35.80	349	LR	00 29 48.2	
YAK				comp=Z,40nm,18.6s,baz=152,slow=46		
YAK	Yakutsk	35.80	349	eP	00 09 31.3	-0.3
YAK				pmax		
YAK	comp=Z,5.0nm,0.6s			pmax		
SLV	Son Lu	36.18	269	eP	00 09 34.8	-0.7
SLV				comp=Z,17nm,1.0s		
KMI	Kunming	36.24	276	P	00 09 33.7	-2.4
KMI				pP	00 09 39.5	-4.6
KMI				sP	00 09 42.6	-4.8
KMI				S	00 15 16.0	+0.8
KMI				SS	00 17 34.0	-8.5
KMI				pmax		
KMI	comp=Z,24nm,1.1s			pmax		
KMI	comp=Z,65nm,4.1s			pmax		
KMI	comp=Z,240nm,11.7s			LR	LR	LR
BOD	Bodaibo	36.69	334	eP	00 09 38.9	-0.3
BOD				pmax		
GTA	Gaotai	37.82	300	eP	00 09 40.8	-1.2
GTA				pP	00 09 52.4	-4.9
GTA				sP	00 09 55.0	-5.6
GTA				S	00 15 37.8	-0.5
GTA				ScP	00 15 45.4	-5.8
GTA				pmax		
GTA	comp=Z,8.0nm,1.2s			pmax		
GTA	comp=Z,160nm,5.0s			pmax		
GTA	comp=Z,170nm,14.3s			LR	LR	LR
GTA	comp=Z,200nm,14.7s			LR	LR	LR
ZAK	Zakamensk	37.99	318	eP	00 09 51.3	+0.8
ZAK				pmax		
KAPI	Kappang	39.37	219	LR	00 26 03.1	
KAPI				comp=Z,25nm,1.2s		
MOY	Mondy	39.81	319	eP	00 10 06.9	+1.1
PBKT	Sadok Pong	40.43	264	P	00 10 11.5	+0.4
PBKT				comp=Z,47nm,1.0s,comp=Z,3um		
SOEI	Soe	41.22	209	eP	00 10 16.0	-1.7
SOEI				comp=Z,11nm,0.6s		
CHTO	Chiang Mai	41.41	268	P	00 10 18.0	-1.2
CHTO				comp=Z,17nm,1.3s		
CHTO	Chiang Mai	41.41	268	eP	00 10 18.1	-1.1
CHTO				comp=Z,17nm,1.0s		
CM01	Chiang Mai Arr	41.53	267	eP	00 10 19.6	-0.6
CMAR	Chiang Mai Arr	41.53	267	eP	00 10 19.8	-0.4
CMAR				comp=Z,6.1nm,1.0s,baz=57,slow=8.4,SNR=41		
MTN	Manton Dam	41.66	198	eP	00 10 19.5	-1.6
MTN				comp=Z,24nm,18.9s,baz=89,slow=37		
MHT	MHIT	42.16	216	P	00 10 24.4	-0.9
MHT				comp=Z,14nm,1.2s,comp=Z,1um		
PHET	Kaeng Krachan	43.12	259	P	00 10 33.1	-0.1
PHET				comp=Z,7.8nm,1.0s		
HVS	Khovu-Aksy	44.01	316j	eP	00 10 42.0	+1.9
HVS				pmax		
HVS	comp=Z,24nm,0.9s			pmax		
SHL	Shilong	45.70	280	iP	00 10 55.0	+1.1
WMQ	Urumqi	47.14	306	P	00 11 05.6	+0.7
WMQ				pP	00 11 13.0	-3.4
WMQ				sP	00 12 56.0	+0.2
WMQ				SS	00 17 55.0	-0.7
WMQ				pmax		
WMQ	comp=Z,14nm,1.2s			pmax		
WMQ	comp=Z,16nm,6.0s			LR	LR	LR
WMQ	comp=Z,59nm,15.0s			LR	LR	LR
WMQ	comp=Z,78nm,16.0s			LR	LR	LR
WRAB	Tennant Creek	47.80	191j	eP	00 11 08.1	-2.0
WRAB				pmax		
WRAB	comp=Z,99nm,1.3s			pmax		
WRAB	Tennant Creek	47.80	191	eP	00 11 08.0	-2.1
WRAB				comp=Z,63nm,0.6s		
WRA	Warrungarra Arr	47.81	191	P	00 11 08.2	-2.0
WRA				comp=Z,15nm,0.8s,baz=12,slow=8.5,SNR=91		
WC3	Warrungarra Arr	47.82	191	eP	00 11 08.4	-1.9
WC3				comp=Z,53nm,0.8s		
PSI	Prapat	48.83	248	P	00 11 17.8	-0.6
PSI				pmax		
PSI	comp=Z,16nm,1.0s			pmax		
PSI	Prapat	48.83	248	P	00 11 18.4	0.0
PSI				comp=Z,12nm,1.5s,comp=Z,22nm,1.5s		
PSI	Prapat	48.83	248	eP	00 11 17.7	-0.6
PSI				comp=Z,22nm,1.5s,comp=Z,12nm,1.5s		
PSI	Prapat	48.83	248	eP	00 11 17.9	-0.6
PSI				comp=Z,16nm,1.0s		
TAPN	Taplejung	48.91	283	eP	00 11 19.0	-0.1
TAPN				comp=Z,16nm,0.5s		
MDSI	Maura Dua	49.20	236	P	00 11 20.3	-0.8
MDSI				comp=Z,28nm,1.3s		
LHSI	Lahat	49.25	237	P	00 11 21.1	-0.3
LHSI				comp=Z,42nm,1.2s,comp=Z,1um		
ODAN	Odare	49.30	283	eP	00 11 21.8	-0.3
ODAN				comp=Z,22nm,0.5s		
PPI	Padang Panjang	49.54	243	P	00 11 19.5	-4.1
PPI				comp=Z,12nm,1.3s		
ZAA0	Zalesovo Array	49.86	319	eP	00 11 25.4	-0.2
ZALV	Zalesovo Array	49.86	319	P	00 11 25.4	+0.7
ZALV				comp=Z,5.5nm,0.7s,baz=98,slow=7.0,SNR=35		
ZALV				PcP	00 12 45.4	-0.4
ZALV				pmax		
ZALV	comp=Z,2.7nm,0.5s,baz=112,slow=2.7,SNR=82			pmax		
RAMN	Ramite	49.96	283	eP	00 11 26.9	-0.2
RAMN				comp=Z,73nm,1.1s		
JIRN	Jiri	50.15	284	eP	00 11 28.9	+0.3
GUN	Gumba	50.35	285	eP	00 11 30.2	0.0
GUN				comp=Z,44nm,0.5s		

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
GS1	Gundungtoli	50.79	247	P	00 11 32.3	-0.8
GS1				comp=Z,29nm,1.2s		
GS1	Gundungtoli	50.79	247	eP	00 11 32.1	+1.0
GS1				comp=Z,26nm,1.4s		
PKI	Pulchoki	50.84	284	eP	00 11 33.2	-0.6
PKI				comp=Z,36nm,1.1s		
PKIN	Phulchoki	50.85	284	eP	00 11 33.9	+0.1
PKIN				comp=Z,5.6nm,0.6s		
KKN	Kakani	50.90	285	eP	00 11 33.9	-0.2
KKN				comp=Z,36nm,1.0s		
NVS	Novosibirsk	50.90	320	eP	00 11 34.0	+0.6
NVS				pmax		
NVS	comp=Z,20nm,1.7s			pmax		
NVS	comp=E,15nm,1.8s			pmax		
MK01	Makanchi Array	50.98	309	eP	00 11 34.2	0.0
MKAR	Makanchi Array	50.99	309	P	00 11 34.6	+0.4
MKAR				comp=Z,4.2nm,0.7s,baz=77,slow=10,SNR=37		
MKAR				PcP	00 12 50.8	+0.6
MKAR				comp=Z,0.8nm,0.6s,baz=69,slow=3.5,SNR=2.4		
AS01	Alice Springs	51.52	191	eP	00 11 36.0	-2.4
ASAR	Alice Springs	51.53	191	eP	00 11 36.1	-2.3
ASAR				comp=Z,2.5nm,0.7s,baz=7.9,slow=6.3,SNR=58		
KOLN	Koldanda	52.35	285	eP	00 11 44.6	-0.3
KOLN				comp=Z,38nm,1.0s		
PDGK	Podgornoye	53.15	305	P	00 11 50.8	+0.7
PDGK				pmax		
PDGK	comp=Z,11nm,0.8s			pmax		
KURK	Kurchatov	53.43	314	eP	00 11 52.4	+0.1
KURK				comp=Z,157nm,0.9s		
KDAK	Kodiak Island	53.60	37	iP	00 11 55.7	+2.3
TKM2	Tokmak 2	55.99	305	P	00 12 12.1	+0.9
TKM2				comp=Z,41nm,2.0s		
TKM2	Tokmak 2	55.99	305	eP	00 12 12.2	+0.9
TKM2				comp=Z,41nm,2.0s		
KSH	Kashi	56.20	301	eP	00 10 15.7	+3.0
KSH				comp=Z,2.8nm,0.6s		
KSH				comp=Z,8.0nm,0.6s		
KSH				comp=Z,270nm,5.4s		
KSH				comp=Z,94nm,4.6s		
KSH				comp=Z,160nm,4.8s		
KSH				comp=Z,280nm,6.5s		
COLA	College	56.64	28	P	00 12 17.9	+2.7
COLA				comp=Z,8.0nm,1.7s		
AAK	Ala-Archa	56.83	305	LR	00 36 39.1	
AAK				comp=Z,22nm,19.8s,baz=60,slow=36		
AAK	Ala-Archa	56.83	305	iP	00 12 17.7	+0.5
AAK				pmax		
AAK	comp=Z,9.0nm,0.8s			pmax		
AAK	Ala-Archa	56.83	305	eP	00 12 17.9	+0.7
AAK				comp=Z,11nm,1.4s		
IL1	Eielson Array	57.04	29	eP	00 12 17.2	-0.9
ILAR	Eielson Array	57.04	29	eP	00 12 16.7	-1.4
ILAR				comp=Z,2.2nm,0.9s,baz=260,slow=4.2,SNR=14		
ILAR				LR	00 37 24.3	
EKS2	Erkin-Say	57.35	305	eP	00 12 20.9	+0.1
EKS2				comp=Z,38nm,19.2s,baz=321,slow=37		
OTUK	Ortuy	57.64	312	P	00 12 23.1	+0.4
OTUK				comp=Z,6.6nm,1.0s		
VOSK	Vostochnyay	58.11	317	P	00 12 25.7	-0.1
VOSK				comp=Z,41nm,1.4s		
VOSK	Vostochnyay	5				

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Cerro Bola, Rancho Dawling, El Chinerero.

DHMR 01 00:37:53.2-1.1, 11.93N, 43.88E, h12km, 14km, ML3.7, 1C, Ethiopia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Aden, Al Udayn, Dhamar BB, Hajjah.

DDA 01 00:39:06.4, 39.16N, 44.11E, h29km, Md2.8

ISC 01 00:39:09.3, 38.96N, 43.66E, h5km, MD2.7
CSEM 01 00:39:10.6, 0.3, 38.97N, 43.64E, h2km, MD2.7, Error ellipse: s-maj=7.7km s-min=5.8km az=104.0

ISC 01 00:39:10.2, 1.4, 39.15N, 0.05, 43.94E, 0.08, h31km, 5km, n24, a176/28, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Caldiran, Diyardin, Van, Hanur-Agry, Kars, Karacaban, Karacaban, HAKKARI, Varto-Mus, Sirt, Sivan, Bingol.

ISC 01 00:39:38.6, 3.0, 7.71S, 127.42E, h138km, 33km, mb3.4/3, mb1 3.8/7, mb1mx3.4/1, mbtpm4.1/7, Error ellipse: s-maj=42.2km s-min=14.9km az=87.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SJIJ, FITZ, WRA, ASAR, STKA, MKAR, ZALV.

GUC 01 00:47:14.2, 0.2, 29.75S, 71.66W, h41km, 2km, ML4.0

ISC 01 00:47:12.0, 2.2, 29.72S, 0.05, 71.8W, 0.1, h19km, 4km, n15, a676/18, 4d, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like La Serena, Tololo Astrono, Las Campanas, Valenar, GUANDACOL, AMOG, Uspallata, Cerro Villicun, El Roble, Cerro Valdivia, Peldehue, Salagasta, Choya.

SOME 01 00:48:49.9, 40.90N, 74.87E, h0km
KRNET 01 00:48:50.6, 0.1, 40.92N, 74.84E, h5km, mb2.1
NMC 01 00:48:52.5, 3.3, 40.87N, 74.77E, h0km, mb2.6, mpv2.2, Error ellipse: s-maj=26.5km s-min=16.9km az=144.0

ISC 01 00:48:50.2, 1.6, 40.89N, 0.06, 74.85E, 0.04, h2km, 12km, n19, a1811/36, 23C-6D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Aral, Kyzart, Uchtor, Almayashu, Ulahol, Ala-Archa, Erkin-Say, Tokmak 2, Merke, Arkanit, Manas, Degeres, Tnss, BTK, Chushkaly, Karatay Array.

IGQ 01 00:52:49.0, 0.81S, 78.39W, h9km, 1km, Mb4.0, Error ellipse: s-maj=1.2km s-min=0.4km az=5.4

ISC 01 00:52:49.9, 1.0, 0.82S, 0.02, 78.33W, 0.04, h8km, 10km, n19, a65/46, 11C-1D, Ecuador

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Tambor, Cotopaxi Volca, Cotopaxi Volc, Cotopaxi Volc, Antisana, Runtun, Tungurahua Vol, Brun, Juive, Ulba, Ulba, Refugio, Bilba, Estacion Bilba, Tungurahua Vol, Patacocha, Arrayan, Trigal station, Refugio Guagua, Pino, Iguata, Yana, Cayambe, Charly, Lav4-Reventad, Cono-NE Rev Vo, CuiC.

COTA Cotacachi 1.15 360 P Pb 00 53 11.9 -0.5

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Cotacachi, Urcuqui, Magdalena, Mancha de Ca P, Cumbal, La Cruz, Chingaza.

ISCJB 01 01:05:44.0, 0.4, 43.60S, 0.03, 172.56E, 0.05, h28km, 4km, mb3.5/2, MS3.1/1, Error ellipse: s-maj=7.3km s-min=3.5km az=135.2

IDC 01 01:05:44.0, 1.6, 43.27S, 172.35E, h0km, mb3.5/2, mb1 3.7/3, mb1mx3.6/30, mbtpm3.5/3, ML2.9/1, MS3.1/2, Ms1 3.1/2, ms1mx2.8/17, Error ellipse: s-maj=45.9km s-min=13.5km az=148.0

NEIC 01 01:05:44.9, 43.56S, 172.43E, h12km, ML4.4(WEL), After WEL

NEIC Fell in Canterbury, WEL 01 01:05:44.9, 0.1, 43.55S, 172.42E, h10km, 1km, ML4.4/40, Error ellipse: s-maj=0.8km s-min=0.8km az=90.0

WEL Fell from Canterbury to Otago, maximum reported intensity MM 7.0

ISC 01 01:05:45.0, 0.9, 43.56S, 0.03, 172.45E, 0.03, h15km, 6km, n113, a1909/112, 4C-3D, South Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Topohouse, Lake Benmore, Denniston Nort, Fox Glacier, Otahua Downs, Nelson, Highcliff Hill, Jackson Bay, Tory Channel, Quartz Range, Wanaka, Baring Head, Earnsclough, Tuapeka, Traveller, Kapiti Island, Mount Morrison.

2011 JAN

Table with columns: ID, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MTW Mount Morrison, OGWZ Otaki Gorge, etc.

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

Table with columns: ID, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TEH 01:13:01.9, 27:34N, etc.

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

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

1d 1h

2011 JAN

Table with columns: Station, Time, Frequency, Mode, and other parameters. Includes stations like TKM2 Tokmak 2, CHMS Chumysh, MRKS Merke, etc.

Table with columns: Station, Time, Frequency, Mode, and other parameters. Includes stations like WMQ Urumqi, WMQ Kurchatov, WMQ Borovoye, etc.

Table with columns: Station, Time, Frequency, Mode, and other parameters. Includes stations like SHL Shilling, SVE Sverdlovsk, ARU Arti, etc.

1d 2h

2011 JAN

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like NORSAR Subarra, NORSTAR Array B, and various local stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BILL Bilibino, HTL Hartland, and various local stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like A33A Warroad, B08A Colville Reser, and various local stations.

ISCJB 01 02:06:36.8i-0.4, 36.43N-103.57.81E-0.03, h10km, Error ellipse: s-maj=4.8km s-min=3.8km az=163.7 THR 01 02:06:36.5i-0.3, 36.42N-57.74E, h14km, 4km, ML3.5 CSEM 01 02:06:37.0i-0.2, 36.45N-57.80E, h2km, ML3.6, Error ellipse: s-maj=6.7km s-min=4.7km az=164.0 TEH 01 02:06:38.1, 36.40N-57.80E, h4km, ML3.6 ISC 01 02:06:37.8i-0.9, 36.46N-103.57.84E-0.03, h10km, n48, e08247, 9C-18D, Northern and Central Iran

Table with columns: Code, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like ISFR Sfrayin, ISFR Sfrayin, and various local stations.

1d 4h

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

IDC 01 03:08:54.1±12.0, 19:45S-167:30E, h0km, mb3.8/3, mb1 3.9/4, mb1mx3.7/35, mbtmp3.7/4, ML3.1/1, MS3.4/1, Ms1 3.4/1, ms1mx2.6/25, Error ellipse: s-maj=212.3km s-min=36.7km az=77.0, Vanuatu Islands region

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

IDC 01 03:15:49.7±1.2, 27:07N-143:48E, h0km, mb3.7/6, mb1 3.8/8, mb1mx3.6/36, mbtmp3.7/8, ML3.2/4, Error ellipse: s-maj=27.3km s-min=19.8km az=72.0, JMA 01 03:15:50.2±0.2, 27:57N-143:42E, h0km, M4.5, ISC 01 03:15:51.2, 27:24N-0109:143:5E, 0.1, h10km, n14, 0135/16, mb3.8/6, Bonin Islands region

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

ISCJB 01 03:22:43.3±1.0, 27:22N-01:143:63E, 0.09, h10km, mb3.7/6, Error ellipse: s-maj=19.5km s-min=11.2km az=164.7

IDC 01 03:22:43.4±1.2, 27:11N-143:57E, h0km, mb3.7/6, mb1 4.0/7, mb1mx3.6/28, mbtmp3.7/7, ML3.8/1, Error ellipse: s-maj=28.2km s-min=20.4km az=167.0

ISC 01 03:22:44.9±1.1, 27:11N-01:143:54E, 0.09, h10km, n8, 0591/9, mb3.6/6, Bonin Islands region

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

IDC 01 03:40:56.7±1.5, 14:20S-166:96E, h0km, mb3.7/4, mb1 4.0/5, mb1mx3.7/31, mbtmp3.8/5, ML4.0/1, Error ellipse: s-maj=52.3km s-min=27.1km az=128.0, Vanuatu Islands

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

DDA 01 03:56:15.1, 38:17N-25:72E, h32km, Md3.0, THE 01 03:56:16.7, 38:16N-25:77E, h2km, 3km, ML2.6/4, Error ellipse: s-maj=3.0km s-min=0.9km az=136.0, ATH 01 03:56:16.3, 38:19N-25:79E, h2km, 1km, MD3.3/2, ISCJB 01 03:56:16.3±0.7, 38:16N-02:25:76E, 0.02, h6km, 4km,

2011 JAN

Error ellipse: s-maj=3.5km s-min=3.0km az=143.6, CSEM 01 03:56:16.6±0.2, 38:13N-25:75E, h10km, MD3.3, Error ellipse: s-maj=5.6km s-min=4.4km az=149.0, ISK 01 03:56:18.2, 37:81N-26:01E, h2km, MD3.4, ISC 01 03:56:16.9±0.9, 38:17N-02:25:78E, 0.02, h17km, 7km, n67, 0566/108, Aegean Sea

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

Code Station Name Az Az' Phase ID Time Res ISC. Lists stations like APE, PRK, GCAM, etc.

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

Code Station Name Az Az' Phase ID Time Res ISC. Lists stations like PTL, AYS, VLY, AYDB, etc.

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

KRNET 01 04:09:01.7±0.1, 39:24N-75:25E, mb3.6, NNC 01 04:09:11.6±2.3, 39:84N-75:07E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=19.9km s-min=15.7km az=6.0

ISC 01 04:09:11.5±2.6, 39:83N-01:175:19E, 0.08, h10km, n19, 0177/30, 20C-7D, Southern Xinjiang

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

Code Station Name Az Az' Phase ID Time Res ISC. Lists stations like KZ, KAR, UCH, etc.

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

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

Code Station Name Az Az' Phase ID Time Res ISC. Lists stations like KZ, KAR, UCH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AAK, EKS2, TKM2, etc.

IDC 01 04:19:23.2±57.0, 19:40S-176:95W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/23, mbtmp3.7/3, Error ellipse: s-maj=1054.0km s-min=172.5km az=82.0, Fiji Islands region

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

ISCJB 01 04:23:47.8±0.5, 33:53N-0:02:35:30E, 0.04, h19km, 4km, Error ellipse: s-maj=5.3km s-min=2.7km az=19.5, NSSC 01 04:23:47.6±1.2, 33:52N-35:31E, h14km, 4km, MD1.2, ML2.2

CSEM 01 04:23:47.8±0.1, 33:51N-35:33E, h12km, ML3.2, Error ellipse: s-maj=3.9km s-min=1.8km az=114.0, GII 01 04:23:47.6±0.0, 33:50N-35:35E, h11km, MD2.0, GRAL 01 04:23:49.1±0.4, 33:50N-35:36E, h12km, 1km, MD3.2, ISC 01 04:23:47.9±0.9, 33:51N-02:35:33E, 0.03, h17km, 7km, n72, 0547/112, Jordan-Syria region

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

Code Station Name Az Az' Phase ID Time Res ISC. Lists stations like DQRL, DEIR, BEYL, etc.

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

Code Station Name Az Az' Phase ID Time Res ISC. Lists stations like BLGI, QASN, etc.

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

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

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

Code Station Name Az Az' Phase ID Time Res ISC. Lists stations like BLGI, QASN, etc.

WEL 01 05:19:36.8+0.7, 35.425N-178.78E, h227km, 10km, ML3.8/12.1C, Error ellipse: s-maj=16.8km s-min=10.6km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like MXZ Matakaoa Point, WMGZ Waomatatini S, HAZ Te Kaha, etc.

JMA 01 05:34:09.3, 27.34N, 143.61E, h25km, 4km, M3.8, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like CBJJ Chichijima, CBJU Haha-jima-NKT, etc.

ISC 01 05:37:22.6+1.4, 3.23ZNS, 147.15W, h0km, mb3.9/3, mb1.4/0.3, mb1mx3.7/3, mbmtmp3.9/3, Error ellipse: s-maj=181.6km s-min=45.7km az=145.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warrungarra Arr, etc.

ISC 01 05:41:16.2+2.3, 5.26N, 126.31E, h117km, 26km, mb3.2/5, mb1.3/4.5, mb1mx3.1/4.1, mbmtmp3.6/5, Error ellipse: s-maj=107.5km s-min=17.7km az=68.0, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like DAV Davao City (W), FITZ Fitzroy Crossi, WRA Warrungarra Arr, etc.

ISCJB 01 05:48:52.7+1.3, 20.45S, 0.2x67.8E, 0.2, h15km, mb3.9/7, MS3.5/6, Error ellipse: s-maj=58.6km s-min=25.9km az=31.4

ISC 01 05:48:52.2+1.4, 20.42S, 67.74E, h0km, mb3.9/7, mb1.4/0.7, mb1mx3.7/3.5, mbmtmp3.9/7, MS3.5/6, Ms1.3/5.6, ms1mx3.1/3.9, Error ellipse: s-maj=40.7km s-min=26.8km az=30.0

ISC 01 05:48:54.7+1.6, 20.45S, 0.3x67.8E, 0.2, h15km, n15, o=43.7, mb4.0/7, MS3.5/6, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like H0S1 Diego Garcia H, H0S2 Diego Garcia H, H0S3 Diego Garcia H, etc.

ISCJB 01 05:56:03.1+0.6, 22.37S, 0.0x68.44W, 0.08, h108km, 7km, mb3.7/5, Error ellipse: s-maj=11.8km s-min=8.2km az=172.5

ISC 01 05:56:03.7+0.6, 22.46S, 68.40W, h99km, 9km, mb3.5/6, mb1.3/5.9, mb1mx3.4/2.4, mbmtmp3.8/9, Error ellipse: s-maj=27.7km s-min=21.0km az=177.0

GUC 01 05:56:05.0+0.5, 22.34S, 68.61W, h104km, 4km, ML4.0 ISC 01 05:56:05.6+0.7, 22.35S, 68.06E, 68.37W, 0.07, h98km, 7km, n2.0, o=138.29, mb3.8/5.3C, Northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like LVC Limon Verde, CGJJ Cibinong, etc.

Table with columns: LVC, LVC, LVC, IPOC Station P, etc. Lists stations like Limon Verde, IPOC Station P, Humberstone, etc.

ISC 01 06:13:34.9+1.1, 10.94S, 165.44E, h0km, mb4.0/6, mb1.4/3.8, mb1mx3.9/4.3, mbmtmp4.1/8, ML4.3/2, MS3.5/8, Ms1.3/5.8, ms1mx3.2/3.9, Error ellipse: s-maj=38.2km s-min=22.4km az=146.0

NEIC 01 06:13:36.7+0.8, 10.87S, 165.52E, h10km, mb4.6/1, Error ellipse: s-maj=19.3km s-min=16.9km az=144.0

ISCJB 01 06:13:37.9+0.7, 11.11S, 0.07x165.32E, 0.08, h30km, mb4.0/6, MS3.5/6, Error ellipse: s-maj=12.7km s-min=8.4km az=141.8

ISC 01 06:13:39.6+0.9, 11.00S, 0.10x165.39E, 0.10, h30km, n16, o=86.12, mb3.9/6, MS3.4/6, Santa Cruz Islands

Table with columns: HNR Honiara, HNR Honiara, DZM Mont Dzumac, etc. Lists stations like Honiara, Mont Dzumac, PDM Pong Moresby, etc.

ISC 01 06:18:34.0+3.6, 3.06S, 151.91E, h0km, mb3.9/3, mb1.4/1.3, mb1mx3.6/3.9, mbmtmp3.9/3, Error ellipse: s-maj=119.2km s-min=50.3km az=118.0, New Ireland region

Table with columns: WRA Warrungarra Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, etc. Lists stations like Warrungarra Arr, Alice Springs, Fitzroy Crossi, etc.

DJA 01 06:19:33.1+0.5, 7.54S, 10.5E, h10km, M3.6/12, ML3.6/12, Sunda Strait

Table with columns: CGJJ Cibinong, SGJJ Serang, SGJJ Sukabumi, etc. Lists stations like Cibinong, Serang, Sukabumi, etc.

NIED 01 06:20:00.25+0.00N, 124.00E, h5km, Mw4.0 Best double couple: Mo:1.1000x10^15 NP1:1.8700000, 829.00000, -1.141.00000, NP2:1.6200000, 872.00000, -1.66.00000

JMA 01 06:20:08.1+0.3, 24.36N, 123.98E, h5km, 5km, M3.7, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like CGJJ Cibinong, SGJJ Serang, etc.

Table with columns: JISG Ishigakijimah, JISG Ishigaki jima, JIJ Iriomote-Funau, etc. Lists stations like Ishigakijimah, Ishigaki jima, Iriomote-Funau, etc.

NIED 01 06:26:00.24+90N, 124.00E, h14km, Mw3.8 Best double couple: Mo:6.14000x10^14 NP1:1.168.00000, 857.00000, 1.165.00000, NP2:1.266.00000, 878.00000, 1.137.00000, ISCJB 01 06:26:40.0+1.1, 24.36N, 123.97E, 0.03, h3km, 6km, mb3.5/7, Error ellipse: s-maj=7.1km s-min=4.3km az=162.7

ISC 01 06:26:41.0+0.9, 24.48N, 123.01E, h0km, mb3.6/7, mb1.3/8.8, mb1mx3.6/4.2, mbmtmp3.6/8, ML3.3/1, Error ellipse: s-maj=39.6km s-min=19.3km az=73.0

JMA 01 06:26:41.0+0.2, 24.94N, 123.98E, h12km, 3km, M3.8 ISC 01 06:26:40.9+1.3, 24.91N, 0.05x123.99E, 0.04, h13km, 9km, n2.1, o=64.29, mb3.37, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like JISG Ishigakijimah, JISG Ishigaki jima, JIJ Iriomote-Funau, etc.

CSEM 01 06:31:05.0, 40.00N, 39.71E, h12km, MD2.6, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like EZZ Erzincan, ERZN Erzincan, GUMT Gumushane, etc.

ATH 01 06:45:31.9, 39.97N, 20.58E, h21km, 1km, MD3.1/14 ISCJB 01 06:45:32.0+0.7, 39.99N, 0.03x20.55E, 0.06, h16km, 8km, Error ellipse: s-maj=7.9km s-min=4.8km az=29.1

CSEM 01 06:45:32.0+0.3, 39.98N, 20.57E, h1km, 1km, MD3.1, Error ellipse: s-maj=6.8km s-min=3.0km az=11.0

ISC 01 06:45:32.2+1.0, 39.98N, 0.02x20.57E, 0.03, h14km, 10km, n32, o=35.48, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like JAN Janina, SGJ Saggiada, IGT Igoumenitsa, etc.

IDC 01 06:47:46.5:3.3,3.48S:99.09E,h0km,mb3.5/5,mb1 3.7/5,mb1mx3.4/33,mbmp3.6/5,MS3.2/3,Ms1 3.2/3,ms1mx2.7/39,Error ellipse: s-maj=133.0km s-min=25.5km az=60.0

DJA 01 06:47:53.8:1.0,3.3S:8.10E:1.5,h12km,8km,M3.6/8,MLV3.6/8

ISC 01 06:47:51.0:1.5,3.36S:0.08:100.0E:0.2,h10km,n19,c1940/16,mb3.7/5,Southeast of Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include PPSI Pulau Pagai, MASI Maura Aman, PDSI Padang, SPSI Sungai Dareh, PPI Padang Panjang, MDSI Maura Dua, LWLI Liwa, LEM Lembang, CMAR Chiang Mai Arr, H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, ASAR Alice Springs, SONM Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ATD Arta Tunnel, AKTO Aktyubinsk, TXAR Lajitas Array.

SOME 01 07:07:52.0:39.42N:75.23E,h15km, KRINET 01 07:07:52.1:0.1,39.01N:75.20E,mb3.9, NNC 01 07:07:56.4:2.0,39.20N:74.80E,h0km,mb3.9,mpv3.5, Error ellipse: s-maj=20.6km s-min=16.9km az=161.0

IDC 01 07:07:58.6:8.1,39.37N:75.19E,h29km,56km,mb3.4/9,mb1 3.5/13,mb1mx3.4/53,mbmp3.5/13,ML2.7/4, Error ellipse: s-maj=33.1km s-min=18.5km az=1.0

ISC 01 07:07:56.5:1.4,39.51N:0.04:75.28E,0.04,h8km,8km,n57,r1986/76,mb3.6/9,22C-17D,Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include OHH Osh, ARLS Aral, KZA Kyzart, UCH Uchto, UHLH Ulahol, AML Almayashu, BOOM Booskoye usch, KBK Karagaybulak, AAK Ala-Archa, EKS2 Erkin-Say, ARK Arkit, TKM2 Tokmak 2, CHMS Chumysh, KST Kastek, MRKS Merke, BMNS Besmoyanak, MNAS Manas, MTBS Matube, TNSS Tian-Shan, DGS Degeres.

Table with columns: DGS, Station Name, Az, Phase ID, Time, Res, ISC. Rows include USP Oспенovka, MDOK Medvedo, SATY Saty, ZHN Zhnishke, KURS Kuram, CHKK Chushkaly, UZB Uzunbulak, KPKS Kokpek, SHLS Shalkode, KK31 Karatay Array, KK31 Akbulak array, ZALV Zalesovo Beam, AKTO Aktyubinsk, SONM Songino Array, BRTR Keskin Array, AKASG Malin Array Be, FINES FINESS Array B, ESDC Sonseca Array, TORD Torodi Ar. Bea, YKA Yellowknife Ar, WRA Warramunga Arr, ASAR Alice Springs.

PGC 01 07:29:05.8:1.8,58.30N:137.85W,h13km,ML3.8/9, 145km Ese of Yakutat, AK Southeastern Alaska NEIC 01 07:29:06.6:58.28N:137.96W,h12km,ML3.6(AEIC), ML3.8(OT), After AEIC.

ISC 01 07:29:03.7:1.4,58.19N:0.04:137.77W:0.03,h6km,10km,n159,r1969/96,Southeastern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include DHAK Deception Hill, PLBC Pleasant Camp, YKUZ Yakutat, PNL Peninsula, SKAG Skagway, PCA Pinacole, YUK7 YUK7, SAMH Samovar Hills, HYT Haines Junctio, RYAV Rock Avalanch, TABL Table Mountain, WHY Whitehorse, MESA MESA, YUK5 Granite Creek, BAGL Bagley Icefield, BARK Barkley Ridge, ISLE Juniper Island, WRAK Wrangell Islan, BARN Barnard Glacie, KHRT Khitrov Hills, BALN Baldy, YUK3 Moose Creek, YUK2 White River, DLBC Dease Lake, DLBC Dease Lake, GLB Gilahina Butte, BVCY Beaver Creek, DIV Divide, NDB Naden, NDB Naden, NDB Naden, HARB HAARP, VIB Van Inlet, VIB Van Inlet, DIB Dawson Inlet, DIB Dawson Inlet, DAWY Dawson, DAWY Dawson.

Table with columns: DAWY, Station Name, Az, Phase ID, Time, Res, ISC. Rows include MOCB Moresby Island, PAX Paxson, DOT Dot Lake, DOT Dot Lake, BNB Barry Inlet, EGAK Eagle, FNBB Fort Nelson, TRF Thorofore Moun, BBB Bella Bella, KTH Kantishna Hill, BPWA Bear Paw Mtn, INK Inuvik.

BKK 01 07:31:53.2:7.8,25.1N:61.9E:2.6,h10km,M4.5/11, mb4.6/7,mb4.6/11,MLV5.1/8,Mw(mb)3.8/7

IDC 01 07:31:59.9:0.7,24.65N:97.99E,h0km,mb4.0/17, Mb1 4.1/18,mb1mx3.9/46,mbmp4.0/18,ML4.5/1,MS3.8/17, Ms1 3.8/17,ms1mx3.6/44, Error ellipse: s-maj=28.9km s-min=15.3km az=56.0

ISCJB 01 07:32:00.1:0.2,24.61N:0.03:97.99E:0.03,h10km, mb4.2/33,MS3.7/18, Error ellipse: s-maj=4.1km s-min=3.5km az=137.7

BUI 01 07:32:00.2:24.72N:97.92E,h10km,mb4.3/22,mb4.7/19, ML4.5/8,Ms4.5/26,Ms7.4/325

NEIC 01 07:32:05.3:0.8,24.59N:98.02E,h36km,9km,mb4.5/14, Error ellipse: s-maj=10.9km s-min=6.1km az=54.0

ISC 01 07:32:01.7:0.4,24.59N:0.04:97.95E:0.03,h10km,n104,c2919/105,mb4.2/33,MS3.8/18,1C,Myanmar-China border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include IMP Imphal, KMI Kunming, CMAI Chiengmai2, CRAI Chiangrai, SHL Shillong, CHTO Chieng Mai, CHTO Chieng Mai, CMAR Chiang Mai Arr, CMAR Chiang Mai, CM01 Chiang Mai Arr, LAMP Lampang, SLVN Son La, PHRA Phrae, UTTRA Utтарид, SUKH Sukhothai, LSA Lhasa, GYAY Guiyang, GYA Guiyang, GYA Guiyang, NONG Nong, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, UMPA Umpang Tak, PBKT Sadao Pong, UTHA Uthaitani, TAPN Taplejung, ODAN Odare, RAMN Ramite, GUMBA Gumba, PKI Pulchoki, KKN Kakani, DMN Daman, QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou.

1d 9h

Table with columns: LZH, comp, E, J, m, 11.5s, LR, LR, 07 35 28.3 +0.4, etc. Lists various station codes and their associated data.

2011 JAN

Table with columns: WRA, comp, Z, 1.3nm, 0.8s, baz=326, slow=7.7, SNR=7.7, LR, LR, 08 09 49.6, etc. Lists station codes and their associated data.

14

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC, etc. Lists station codes and their associated data.

1d 9h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ANWB Willy Bob, ICMP Isla Caja de M, SMRT St. Maarten, etc.

2011 JAN

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like NHSC BRAL Brewton, BRAL Brawl, GOGA Godfrey, etc.

16

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like DBIC Dimbokro, JSRW J. Sargeant Re Wall Ranch, etc.

MCWV	Mont Chateau	67.96 346	eP	P	10 07 00.5 +0.6
TX31	Lajitas Ar. Si	67.99 322	eP	P	10 06 59.5 -1.0
TXAR	Lajitas Aray	67.99 322	eP	P	10 07 00.3 -0.1
TXAR	comp-Z,191nm,0.4s,baz=150,slow=2.0,SNR=805		S	S	10 15 15.7 +1.4
TXAR	comp-Z,13nm,1.1s,baz=133,slow=6.6,SNR=3.4		P	P	10 35 12.2 +1.1
TXAR	comp-Z,101nm,1.2s,baz=315,slow=0.6,SNR=22		S	S	10 43 44.7
TXAR	comp-Z,2.9nm,0.8s,baz=160,slow=2.9,SNR=21		S	S	10 45 45.4
TXAR	comp-Z,0.4nm,0.5s,baz=155,slow=8.1,SNR=7.6		S	S	10 47 00.3 -0.1
TXAR	Lajitas Array	67.99 322	eP	P	10 15 15.7 +1.4
Z35A	Perchaven, San	68.02 330	eP	P	10 05 03.0 0.0
CPNY	Central Park	68.03 351	eP	P	10 07 00.4 +0.1
LPIG	La Paz	68.06 314	eP	P	10 07 01.3 +0.4
Y36A	Durant	68.07 331	eP	P	10 07 00.8 +0.1
X38A	Whitesboro	68.11 332	eP	P	10 07 01.5 +0.6
133A	Hamilton Ranch	68.19 328	eP	P	10 07 01.7 +0.2
PAL	Palisades	68.23 351	eP	P	10 07 01.7 +0.2
PAL	Palisades	68.23 351	eP	P	10 07 01.7 +0.2
WCI	Wyandotte Cave	68.25 341	eP	P	10 07 00.7 -1.0
WCI	Wyandotte Cave	68.25 341	eP	P	10 07 00.7 -1.0
X37A	Clayton	68.27 332	eP	P	10 07 02.2 +0.3
PBMO	Poplar Bluff	68.27 337	eP	P	10 07 01.3 -0.6
O56A	Blue Knob Stat	68.28 347	eP	P	10 07 02.7 +0.8
231A	Gronte	68.31 327	eP	P	10 07 02.1 -0.2
330A	Mertzton	68.31 326	eP	P	10 07 02.1 -0.2
W38A	Poteau	68.33 333	eP	P	10 07 02.8 +0.6
Z34A	Collier Ranch,	68.36 329	eP	P	10 07 02.6 +0.1
ODNJ	Ogdensburg	68.41 351	eP	P	10 07 03.2 +0.7
Y35A	Marietta	68.41 330	eP	P	10 07 03.1 +0.3
YLE	Yale	68.42 352	eP	P	10 07 03.5 +0.9
YLE	State Game Lan	68.42 350	eP	P	10 09 02.1 +1.6
USIN	University of	68.43 339	eP	P	10 07 01.3 -1.4
USIN	Standing Stone	68.51 348	eP	P	10 09 01.0 +0.3
SSPA	Abilene, Hawle	68.55 327	eP	P	10 09 00.8 -0.4
ABTX	Abilene, Hawle	68.55 327	eP	P	10 07 03.5 -0.2
ABTX	Abilene, Hawle	68.55 327	eP	P	10 07 03.5 -0.2
ABTX	Abilene, Hawle	68.55 327	eP	P	10 09 01.5 -0.2
ABTX	Abilene, Hawle	68.55 327	eP	P	10 15 19.3 -1.3
X36A	Centrahoma	68.67 331	eP	P	10 07 04.0 -0.3
Z30A	Sterling City	68.67 326	eP	P	10 07 04.0 -0.5
Z33A	Whitaker Ranch	68.68 328	eP	P	10 07 04.7 +0.3
SIUC	Southern Illin	68.70 338	eP	P	10 07 03.3 -1.1
Y34A	Reagan Ranch,	68.77 330	eP	P	10 07 05.1 +0.2
X35A	Drake	68.80 330	eP	P	10 07 04.8 -0.3
BRYW	Bryan College,	68.85 353	eP	P	10 07 05.8 +0.6
131A	Roby	68.95 327	eP	P	10 07 06.2 +0.1
V38A	Canehill	68.97 333	eP	P	10 07 05.9 -0.2
Z32A	Haskell	69.03 328	eP	P	10 07 06.6 +0.1
KUK	Kukurantumi	69.09 71	iP	P	10 07 07.2 0.0
W36A	Wetuma	69.10 331	eP	P	10 07 06.6 -0.3
130A	Snyder	69.17 326	eP	P	10 07 07.2 -0.2
BLO	Bloomington	69.19 341	eP	P	10 07 06.6 -0.4
BLO	Bloomington	69.19 341	eP	P	10 15 25.5 -2.1
BLO	Bloomington	69.19 341	eP	P	10 07 06.5 -0.7
BLO	Bloomington	69.19 341	eP	P	10 09 05.2 -0.4
BLO	Bloomington	69.19 341	eP	P	10 15 25.5 -2.1
BLO	Bloomington	69.19 341	eP	P	10 09 05.2 -0.4
BLO	Bloomington	69.19 341	eP	P	10 07 07.7 +0.2
Y33A	Hilltop Ranch,	69.21 329	eP	P	10 07 07.1 -0.4
ACSO	Alum Creek Sta	69.22 344	eP	P	10 07 07.9 -0.4
BCX	Boston College	69.23 354	eP	P	10 07 07.9 +0.5
N54A	Norairte State	69.24 346	eP	P	10 07 08.2 +0.6
OLIL	Olney	69.27 339	eP	P	10 07 06.4 -1.3
V37A	Hulber	69.28 333	eP	P	10 07 07.8 -0.1
WES	Weston	69.29 354	eP	P	10 07 08.3 +0.5
WES	Weston	69.29 354	eP	P	10 07 08.3 +0.5
QUA2	Belcherstern	69.30 353	eP	P	10 07 08.3 +0.4
X34A	Smith Ranch, M	69.35 330	eP	P	10 07 08.8 +0.4
Z31A	Sharp Cattle R	69.36 327	eP	P	10 07 08.6 +0.1
T40A	Mansfield	69.36 335	eP	P	10 07 08.1 -0.4
W35A	Tecumseh	69.39 331	eP	P	10 07 07.9 -0.7
HRV	Adam Dzewonsk	69.44 353	eP	P	10 07 09.6 +0.9
HRV	Adam Dzewonsk	69.44 353	eP	P	10 15 32.0 +1.8
HRV	Adam Dzewonsk	69.44 353	eP	P	10 07 09.6 +0.9
HRV	Adam Dzewonsk	69.44 353	eP	P	10 15 31.9 +1.8
U38A	Gravette	69.46 334	eP	P	10 07 08.7 -0.3
V36A	Jenks	69.53 332	eP	P	10 07 09.4 0.0
TUL1	Leonard	69.58 332	eP	P	10 07 09.7 0.0
TUL1	Leonard	69.58 332	eP	P	10 07 09.5 -0.2
TUL1	Leonard	69.58 332	eP	P	10 09 08.5 +0.3
TUL1	Leonard	69.58 332	eP	P	10 15 30.3 -1.9
Y32A	R-V Farms, Ver	69.59 328	eP	P	10 07 10.1 +0.2
X33A	Lawton	69.60 329	eP	P	10 07 09.3 -0.6
SYO	Syowa Base	69.66 158	iP	P	10 07 08.4 -1.3
M54A	Oil Creek Stat	69.70 347	eP	P	10 07 10.7 +0.3
BINY	Binghamton	69.71 350	eP	P	10 07 11.1 +0.7
U37A	Salina	69.72 333	eP	P	10 07 10.7 +0.1
S40A	Lebanon	69.75 336	eP	P	10 07 10.5 -0.2
Z30A	Sanderson Ranc	69.81 327	eP	P	10 07 11.1 -0.1
W34A	Bridge Creek,	69.85 330	eP	P	10 07 11.3 -0.1
W34A	Bridge Creek,	69.85 330	eP	P	10 07 11.3 -0.1
X32A	Elmer	69.86 329	eP	P	10 07 11.5 0.0

SLM	Saint Louis	69.88 338	eP	P	10 07 10.4 -1.0
SLM	Saint Louis	69.88 338	eP	P	10 07 10.4 -1.0
WMOK	Wichita Mounta	69.89 329	eP	P	10 07 11.0 -0.6
WMOK	Wichita Mounta	69.89 329	eP	P	10 09 09.8 -0.5
WMOK	Wichita Mounta	69.89 329	eP	P	10 15 34.7 -1.1
WMOK	Wichita Mounta	69.89 329	eP	P	10 07 11.0 -0.6
WMOK	Wichita Mounta	69.89 329	eP	P	10 07 29.4 0.0
WMOK	Wichita Mounta	69.89 329	eP	P	10 09 09.8 -0.5
WMOK	Wichita Mounta	69.89 329	eP	P	10 15 34.7 -1.1
WMOK	Wichita Mounta	69.89 329	eP	P	10 07 11.5 0.0
TRY	Troy	69.90 352	eP	P	10 07 14.5 +3.0
Y31A	Rieketa Farm,	69.94 328	eP	P	10 07 12.3 +0.3
U36A	Oologah	69.97 333	eP	P	10 07 10.2 0.0
W33A	Caddo, Fort Co	70.09 330	eP	P	10 07 13.6 +0.8
S39A	Bolivar	70.14 335	eP	P	10 07 13.0 0.0
Y30A	Stafford Catti	70.17 327	eP	P	10 07 13.2 -0.2
V34A	Guthrie	70.25 331	eP	P	10 07 13.6 -0.1
V34A	Guthrie	70.25 331	eP	P	10 07 13.4 -0.3
T37A	Cheneyville 18	70.26 334	eP	P	10 07 13.8 0.0
R40A	Maddies Statio	70.28 336	eP	P	10 07 13.1 -0.7
S38A	Stockton	70.31 335	eP	P	10 07 13.7 -0.4
X31A	McDonald Ranch	70.36 328	eP	P	10 07 14.4 0.0
U35A	Pawnee	70.36 332	eP	P	10 07 14.6 +0.2
CLNB	Bolivar	70.39 324	eP	P	10 07 15.1 +0.4
W32A	Sentinel	70.42 329	eP	P	10 07 14.8 0.0
SFIN	Lafayette	70.47 341	eP	P	10 07 13.8 -1.1
SFIN	Lafayette	70.47 341	eP	P	10 07 13.7 -1.1
SFIN	Lafayette	70.47 341	eP	P	10 09 14.8 +1.0
SFIN	Lafayette	70.47 341	eP	P	10 15 38.7 -3.4
ACCN	Adirondack Com	70.54 352	eP	P	10 07 15.9 +0.6
ACCN	Adirondack Com	70.54 352	eP	P	10 10 02.1 -0.5
ACCN	Adirondack Com	70.54 352	eP	P	10 15 40.1 -2.7
MMNV	Mt. Morris Dam	70.55 349	eP	P	10 07 15.6 +0.3
V33A	Lossen Ranch,	70.57 330	eP	P	10 07 15.8 +0.2
R39A	Chumby Stover	70.58 336	eP	P	10 07 15.1 -0.5
T36A	Boggs Farm, Ca	70.60 333	eP	P	10 07 15.6 -0.1
X30A	Coker Ranch, T	70.63 328	eP	P	10 07 16.2 +0.2
T35A	Sooner Cattle	70.73 332	eP	P	10 07 16.5 0.0
MNTX	Cornudas Mount	70.75 323	eP	P	10 07 16.1 -0.6
MNTX	Cornudas Mount	70.75 323	eP	P	10 07 15.9 -0.9
MNTX	Cornudas Mount	70.75 323	eP	P	10 09 15.6 -0.2
MNTX	Cornudas Mount	70.75 323	eP	P	10 10 04.5 -0.1
MNTX	Cornudas Mount	70.75 323	eP	P	10 15 45.7 +0.1
U34A	Anderson Ranch	70.76 331	eP	P	10 07 16.8 +0.1
U34A	Anderson Ranch	70.76 331	eP	P	10 07 16.9 +0.1
S37A	Fort Scott	70.78 334	eP	P	10 07 16.4 -0.4
R38A	Fenwick Farm,	70.80 335	eP	P	10 07 16.6 -0.2
W31A	Holland Ranch,	70.80 329	eP	P	10 07 17.0 0.0
V32A	Arapaho	70.83 330	eP	P	10 07 17.4 +0.3
Q40A	Laux Farm, Aux	70.83 327	eP	P	10 07 16.5 -0.6
CPRX	Cap Rock	70.98 325	eP	P	10 07 18.3 +0.1
U33A	Lingo Farm,	71.01 331	eP	P	10 07 18.2 +0.1
S36A	Lake Cedric, C	71.05 333	eP	P	10 07 18.1 -0.2
W30A	Crocket Farms	71.09 328	eP	P	10 07 18.9 +0.2
MDV	Middlebury	71.09 352	eP	P	10 07 19.0 +0.6
T34A	McClaskey Farm	71.11 332	eP	P	10 07 18.8 +0.1
MSTX	Muleshoe	71.17 326	eP	P	10 07 19.6 +0.3
MSTX	Muleshoe	71.17 326	eP	P	10 07 19.2 -0.1
MSTX	Muleshoe	71.17 326	eP	P	10 09 16.8 -1.8
MSTX	Muleshoe	71.17 326	eP	P	10 15 48.5 -2.0
MSTX	Muleshoe	71.17 326	eP	P	10 07 20.2 +1.2
LBNH	Lisbon	71.19 353	eP	P	10 07 20.2 +1.2
LBNH	Lisbon	71.19 353	eP	P	10 07 19.6 +0.5
NCB	Newcom	71.19 352	eP	P	10 07 19.6 +0.5
NCB	Newcom	71.19 352	eP	P	10 10 07.7 -0.4
Q39A	Willow Grove F	71.20 336	eP	P	10 07 18.7 -0.6
V31A	Spring Creek L	71.23 329	eP	P	10 07 20.6 +1.1
R37A	Teagarden Farm	71.26 334	eP	P	10 07 19.1 -0.5
H40A	Paris	71.30 337	eP	P	10 07 19.2 -0.6
P40L	Hopedale	71.30 339	eP	P	10 07 19.2 -0.5
HDIL	Hopedale	71.30 339	eP	P	10 07 19.0 -0.8
HDIL	Hopedale	71.30 339	eP	P	10 09 57.1
HDIL	Hopedale	71.30 339	eP	P	10 15 47.4 -4.1
S35A	Otter Creek Ra	71.31 333	eP	P	10 07 19.8 -0.1
WVL	Waterville	71.31 355	eP	P	10 07 20.7 +1.0
EMMW	East Machias	71.32 357	eP	P	10 07 21.0 +1.3
AAM	Ann Arbor	71.34 344	eP	P	10 07 19.4 -0.5
AAM	Ann Arbor	71.34 344	eP	P	10 09 17.9 -1.4
AAM	Ann Arbor	71.34 344	eP	P	10 07 19.4 -0.5
AAM	Ann Arbor	71.34 344	eP	P	10 09 17.9 -1.4
AAM	Ann Arbor	71.34 344	eP	P	10 07 19.4 -0.5
U32A	Winter Ranch,	71.36 330	eP	P	10 07 20.6 +0.4
Q38A	Cooks Store, C	71.36 335	eP	P	10 07 19.8 -0.3
P40L	Hopedale	71.37 327	eP	P	10 07 20.3 -0.1
AMTX	Amarillo	71.37 327	eP	P	10 07 20.3 -0.1
AMTX	Amarillo	71.37 327	eP	P	10 15 52.0 -0.6
SUR	Sutherland	71.47 117	eP	P	10 07 22.0 +0.6
SUR	Sutherland	71.47 117	eP	P	10 07 22.1 +0.8
SUR	Sutherland	71.47 117	eP	P	10 07 22.1 +0.8
SBA	Scott Base	71.49 190	eP	P	10 09 21.1 +0.7
SBA	Scott Base	71.49 190	eP	P	10 07 17.8 -1.9
SBA	Scott Base	71.49 190	eP	P	10 07 21.1 +0.7
SBA	Scott Base	71.49 190	eP	P	10 09 17.8 -1.9
P39A	Salisbury	71.51 336	eP	P	10 07 20.6 -0.4
R36A	Gordon, Harris	71.53 334	eP	P	10 07 20.8 -0.4

Q37A	Longview Farm,	71.61 335	eP	P	10 07 21.0 -0.6
T33A	Patterson Ranch	71.61 331	eP	P	10 07 22.2 +0.

2011 JAN

Code	Name	Comp	SNR	Time	Dist	Code	Name	Comp	SNR	Time	Dist	Code	Name	Comp	SNR	Time	Dist						
M38A	Pleasantville	baz=152,SNR=345	73.38 337	P	P	10 07 30.9	-0.8	L34A	Svendsen Farm	baz=145,SNR=364	75.01 335	P	P	10 07 40.5	-0.4	ISCO	Idaho Springs	77.17 328	eP	P	10 07 54.1	+0.9	
Y22D	IRIS PASSCAL I	baz=140,SNR=115	73.40 323	P	P	10 07 33.1	+1.0	N31A	Bailey Ranch	baz=147,SNR=205	75.05 333	P	P	10 07 41.6	+0.4	ISCO	Idaho Springs	77.17 328	P	P	10 07 54.2	+0.9	
Y22D	IRIS PASSCAL I	comp=N,3um,1.7s	73.40 323	eP	P	10 07 33.4	+1.2	KSCO	Kaye Shedlock	baz=144,SNR=477	75.15 329	P	P	10 07 43.1	+1.2	ISCO	Idaho Springs	77.17 328	eP	P	10 07 54.1	+0.9	
LPM	Los Pinos Moun	baz=151,SNR=458	73.42 324	eP	P	10 07 33.1	+0.7	KSCO	Kaye Shedlock	comp=Z,4um,1.0s	75.15 329	eP	P	10 07 42.9	+1.0	ISCO	Idaho Springs	77.17 328	eP	P	10 07 54.1	+0.9	
N36A	Muff Farm, Cla	baz=146,SNR=540	73.49 335	P	P	10 07 33.4	+0.9	KSCO	Kaye Shedlock	comp=Z,4um,1.0s	75.15 329	eP	P	10 16 31.4	-2.6	ISCO	Idaho Springs	77.17 328	eP	P	10 07 55.4	+0.4	
R30A	Dighton Farm	baz=146,SNR=540	73.50 330	P	P	10 07 33.4	+0.9	J37A	Redenius Farm	baz=152,SNR=135	75.17 338	eS	P	10 07 41.3	-0.4	ISCO	Idaho Springs	77.17 328	eP	P	10 07 55.4	+0.4	
BART	Pico Bartolome	baz=151,SNR=458	73.55 31	eP	P	10 07 33.3	+0.5	214A	Organ Pipe Nat	baz=135,SNR=680	75.18 318	P	P	10 07 43.4	+1.3	ISCO	Idaho Springs	77.17 328	eP	P	10 07 52.7	-0.1	
BART	Pico Bartolome	comp=N,2um,1.3s	73.55 31	eP	P	10 16 17.4	+0.9	214A	Organ Pipe Nat	comp=Z,855nm,0.5s	75.18 318	eP	P	10 07 43.4	+1.3	K29A	Lazy Trails An	baz=146,SNR=308	77.23 333	P	P	10 07 53.4	+0.3
O34A	Beatrice	baz=149,SNR=803	73.60 334	P	P	10 07 32.8	-0.2	214A	Organ Pipe Nat	comp=Z,855nm,0.5s	75.18 318	eP	P	10 09 44.3	+1.1	K29A	Lazy Trails An	baz=146,SNR=308	77.23 333	P	P	10 07 53.4	+0.3
S28A	Manter	baz=144,SNR=1000	73.66 329	P	P	10 07 34.1	+0.5	P28A	Saint Francis	baz=145,SNR=815	75.21 330	P	P	10 16 35.0	+0.6	K29A	Lazy Trails An	baz=146,SNR=308	77.23 333	P	P	10 07 53.4	+0.3
M37A	Trindle Farm	baz=152,SNR=1000	73.67 336	P	P	10 07 33.3	-0.1	BGNE	Belgrade	baz=148,SNR=296	75.22 334	P	P	10 07 42.0	-0.1	SMCO	Dallas	77.37 334	eP	P	10 09 56.1	-0.2	
CBKs	Cedar Bluff	baz=146,SNR=583	73.70 331	eP	P	10 07 34.4	+0.7	BGNE	Belgrade	comp=Z,19um,1.5s	75.22 334	eP	P	10 07 42.0	-0.1	J30A	Dallas	baz=147,SNR=108	77.37 334	P	P	10 07 53.6	-0.3
CBKs	Cedar Bluff	comp=N,15um,1.4s	73.70 331	eP	P	10 09 32.7	-1.4	BGNE	Belgrade	comp=Z,19um,1.5s	75.22 334	eP	P	10 07 41.7	-0.5	F36A	Milaca	baz=152,SNR=329	77.42 339	P	P	10 07 53.6	-0.4
CBKs	Cedar Bluff	comp=N,15um,1.4s	73.70 331	eP	P	10 16 19.1	+0.9	K35A	Storm Lake	baz=151,SNR=45	75.25 336	P	P	10 07 42.9	+0.6	Y12C	Blythe	baz=148,SNR=52	77.46 318	P	P	10 07 55.8	+1.3
CBKs	Cedar Bluff	comp=N,15um,1.4s	73.70 331	eP	P	10 07 34.3	+0.7	O29A	4D Ranch, Culb	baz=146,SNR=131	75.25 331	P	P	10 07 42.9	+0.6	H33A	Prehn Over Nor	baz=150,SNR=439	77.49 336	P	P	10 07 54.2	-0.3
CBKs	Cedar Bluff	comp=N,15um,1.4s	73.70 331	eP	P	10 09 32.7	-1.4	I38A	Scan Farm	baz=153,SNR=124	75.42 339	P	P	10 07 42.5	-0.5	YUH	Yuha Desert	77.55 317	eP	P	10 07 55.6	+0.7	
CBKs	Cedar Bluff	comp=N,15um,1.4s	73.70 331	eP	P	10 16 19.1	+0.9	J36A	Seneca 1, Swea	baz=152,SNR=182	75.46 337	P	P	10 07 42.9	-0.4	G34A	Yuhona	baz=151,SNR=113	77.59 337	P	P	10 07 54.6	-0.4
Q31A	Ellis	baz=147,SNR=712	73.72 331	P	P	10 07 34.3	+0.5	M31A	Lambrecht Ranch	baz=146,SNR=182	75.50 333	P	P	10 07 44.2	+0.6	H32A	Carlson Farm,	baz=149,SNR=244	77.59 336	P	P	10 07 54.6	-0.4
JFWS	Jewell Farm	73.74 340	eP	P	P	10 07 33.5	-0.3	N30A	Hueffle Ranch,	baz=146,SNR=174	75.51 327	P	P	10 07 45.2	+1.1	I31A	Royce, Wessing	baz=149,SNR=244	77.60 335	P	P	10 07 54.5	-0.5
JFWS	Jewell Farm	comp=Z,5um,0.6s	73.74 340	eP	P	10 09 33.9	-0.3	N30A	Hueffle Ranch,	baz=146,SNR=174	75.51 327	P	P	10 07 44.1	+0.4	K28A	Ten Mile Ranch	baz=146,SNR=445	77.62 332	P	P	10 07 56.1	+0.9
JFWS	Jewell Farm	comp=Z,5um,0.6s	73.74 340	eP	P	10 09 33.9	-0.3	SDCO	Great Sand Dun	comp=Z,2um,1.1s	75.51 327	eP	P	10 07 45.2	+1.1	MEH	Mehetia	comp=Z,583nm,1.3s	77.66 256	eP	P	10 07 56.9	+0.9
JFWS	Jewell Farm	comp=Z,5um,0.6s	73.74 340	eP	P	10 09 33.9	-0.3	SDCO	Great Sand Dun	comp=Z,2um,1.1s	75.51 327	eP	P	10 07 44.4	+0.2	MEH	Mehetia	comp=Z,583nm,1.3s	77.66 256	eP	P	10 07 56.9	+0.9
PMOZ	Porto Moniz, M	comp=Z,2um,1.6s	73.75 39	iP	P	10 09 33.9	-0.2	SDCO	Great Sand Dun	comp=Z,2um,1.1s	75.51 327	eP	P	10 09 43.9	-1.4	MAW	Mawson	77.69 162	P	P	10 07 55.3	+0.1	
PMOZ	Porto Moniz, M	comp=Z,2um,1.6s	73.75 39	iP	P	10 09 33.9	-0.2	L33A	Hoskins	baz=149,SNR=106	75.53 335	eP	P	10 07 43.1	-0.6	MAW	Mawson	comp=Z,2um,0.8s,baz=224,slow=6.5,SNR=1576	77.69 162	P	P	10 07 55.8	+0.8
PMOZ	Porto Moniz, M	comp=Z,2um,1.6s	73.75 39	iP	P	10 09 36.1	+1.5	K34A	Le Mars	baz=150,SNR=187	75.53 336	P	P	10 07 43.3	-0.5	MAW	Mawson	comp=Z,2um,0.8s,baz=224,slow=6.5,SNR=1576	77.69 162	P	P	10 07 55.8	+0.8
PMOZ	Porto Moniz, M	comp=Z,2um,1.6s	73.75 39	iP	P	10 10 29.9	0.0	GRM	Grahamstown	75.59 120	iP	P	10 07 44.7	+0.2	MAW	Mawson	comp=Z,2um,0.8s,baz=224,slow=6.5,SNR=1576	77.69 162	P	P	10 07 55.8	+0.8	
LAZ	Ladron	73.76 323	eP	P	P	10 07 35.2	+1.0	L32A	Elgin	baz=148,SNR=74	75.67 334	P	P	10 07 44.1	-0.5	MAW	Mawson	comp=Z,2um,0.8s,baz=224,slow=6.5,SNR=1576	77.69 162	P	P	10 07 55.8	+0.8
N35A	Tabor	73.78 335	P	P	P	10 07 35.2	+1.0	O28A	Krutsinger Ran	baz=145,SNR=99	75.67 330	P	P	10 07 45.5	+0.8	MAW	Mawson	comp=Z,2um,0.8s,baz=224,slow=6.5,SNR=1576	77.69 162	P	P	10 07 55.8	+0.8
FUL	Funchal	comp=Z,2um,2.4s	73.79 39	iP	P	10 07 34.1	-0.1	VLDQ	Val d'Or	75.70 350	eP	P	10 07 44.9	+0.4	MAW	Mawson	comp=Z,2um,0.8s,baz=224,slow=6.5,SNR=1576	77.69 162	P	P	10 07 55.8	+0.8	
FUL	Funchal	comp=Z,2um,2.4s	73.79 39	iP	P	10 09 38.6	+3.9	W18A	Petrified Fore	baz=145,SNR=135	75.71 322	P	P	10 07 46.2	+1.0	MAW	Mawson	comp=Z,2um,0.8s,baz=224,slow=6.5,SNR=1576	77.69 162	P	P	10 07 55.8	+0.8
SCIA	State Center	comp=Z,7um,1.6s	73.82 337	eP	P	10 07 33.6	-0.6	W18A	Petrified Fore	baz=145,SNR=135	75.71 322	P	P	10 07 46.2	+1.0	MAW	Mawson	comp=Z,2um,0.8s,baz=224,slow=6.5,SNR=1576	77.69 162	P	P	10 07 55.8	+0.8
SCIA	State Center	comp=Z,7um,1.6s	73.82 337	eP	P	10 09 33.9	-0.8	W18A	Petrified Fore	baz=145,SNR=135	75.71 322	P	P	10 07 45.9	+0.7	MAW	Mawson	comp=Z,2um,0.8s,baz=224,slow=6.5,SNR=1576	77.69 162	P	P	10 07 55.8	+0.8
ANMO	Albuquerque	comp=Z,5.9nm,1.0s,baz=323,slow=2.6,SNR=62	73.82 324	iP	P	10 07 35.2	+0.6	I37A	Lemond, Waceca	baz=152,SNR=624	75.75 338	P	P	10 07 44.7	-0.2	MAW	Mawson	comp=N,16nm,0.9s	77.69 162	eP	P	10 07 55.4	+0.1
ANMO	Albuquerque	comp=Z,5.9nm,1.0s,baz=323,slow=2.6,SNR=62	73.82 324	iP	P	10 07 35.2	+0.6	N29A	Votaw Ranch, W	baz=146,SNR=222	75.75 332	P	P	10 07 45.7	+0.6	MAW	Mawson	comp=N,16nm,0.9s	77.69 162	eP	P	10 07 55.4	+0.1
ANMO	Albuquerque	comp=Z,5.9nm,1.0s,baz=323,slow=2.6,SNR=62	73.82 324	iP	P	10 07 35.2	+0.6	J35A	Milford	baz=151,SNR=61	75.80 337	P	P	10 07 44.6	-0.6	MAW	Mawson	comp=N,16nm,0.9s	77.69 162	eP	P	10 07 55.4	+0.1
ANMO	Albuquerque	comp=Z,5.9nm,1.0s,baz=323,slow=2.6,SNR=62	73.82 324	iP	P	10 07 35.2	+0.6	K33A	Hardington	baz=149,SNR=230	75.80 335	P	P	10 07 45.1	-0.1	MAW	Mawson	comp=N,16nm,0.9s	77.69 162	eP	P	10 07 55.4	+0.1
ANMO	Albuquerque	comp=Z,5.9nm,1.0s,baz=323,slow=2.6,SNR=62	73.82 324	iP	P	10 07 35.2	+0.6	DRLN	Deer Lake	75.94 4	eP	P	10 07 46.5	+0.8	MAW	Mawson	comp=N,16nm,0.9s	77.69 162	eP	P	10 07 55.4	+0.1	
ANMO	Albuquerque	comp=Z,5.9nm,1.0s,baz=323,slow=2.6,SNR=62	73.82 324	iP	P	10 07 35.2	+0.6	I36A	Fitzsimmons Fa	baz=152,SNR=322	75.96 338	P	P	10 07 45.5	-0.5	MAW	Mawson	comp=N,16nm,0.9s	77.69 162	eP	P	10 07 55.4	+0.1
ANMO	Albuquerque	comp=Z,5.9nm,1.0s,baz=323,slow=2.6,SNR=62	73.82 324	iP	P	10 07 35.2	+0.6	J34A	George	baz=150,SNR=149	76.00 336	P	P	10 07 45.9	-0.5	MAW	Mawson	comp=N,16nm,0.9s	77.69 162	eP	P	10 07 55.4	+0.1
ANMO	Albuquerque	comp=Z,5.9nm,1.0s,baz=323,slow=2.6,SNR=62	73.82 324	iP	P	10 07 35.2	+0.6	M30A	Dale-Ortello V	baz=147,SNR=438	76.03 333	P	P	10 07 47.0	+0.4	MAW	Mawson	comp=N,16nm,0.9s	77.69 162	eP	P	10 07 55.4	+0.1
ANMO	Albuquerque	comp=Z,5.9nm,1.0s,baz=323,slow=2.6,SNR=62	73.82 324	iP	P	10 07 35.2	+0.6	N28A	Pribbeno Ranch	baz=147,SNR=369	76.03 331	P	P	10 07 47.1	+0.5	MAW	Mawson	comp=N,16nm,0.9s	77.69 162	eP	P	10 07 55.4	+0.1
ANMO	Albuquerque	comp=Z,5.9nm,1.0s,baz=323,slow=2.6,SNR=62	73.82 324	iP	P	10 07 35.2	+0.6	H37A	Dierke Farm, C	baz=153,SNR=178	76.09 339	P	P	10 07 46.4	-0.4	MAW	Mawson	comp=N,16nm,0.9s	77.69 162	eP	P	10 07 55.4	+0.1
ANMO	Albuquerque	comp=Z,5.9nm,1.0s,baz=323,slow=2.6,SNR=62	73.82 324	iP	P	10 07 35.2	+0.6	L31A	Butterfield Fa	baz=148,SNR=288	76.15 334	P	P	10 07 47.3	+0.1	MAW	Mawson	comp=N,16nm,0.9s	77.69 162	eP	P	10 07 55.4	+0.1
ANMO	Albuquerque	comp=Z,5.9nm,1.0s,baz=323,slow=2.6,SNR=62	73.82 324	iP	P	10 07 35.2	+0.6	I35A	Creighton Farm	baz=151,SNR=340	76.15 337	P	P	10 07 46.7	-0.5	MAW	Mawson	comp=N,16nm,0.9s	77.69 162	eP	P	10 07 55.4	+0.1
ANMO	Albuquerque	comp=Z,5.9nm,1.0s,baz=323,slow=2.6,SNR=62	73.82 324	iP	P	10 07 35.2	+0.6	S22A	4UR Ranch, Cre	baz=141,													

E33A	Westby DABS, E	78.81 338	P	P	10 08 01.0 -0.5
MMU	Milners Mount	78.83 323	eP	P	10 08 02.8 +0.8
J26A	Sides Ranch, S	78.83 332	eP	P	10 08 02.4 +0.7
GMRC	Granite Mount	78.85 318	eP	P	10 08 03.2 +1.1
BACC	Bachelor Mtn.	78.89 317	eP	P	10 08 03.1 +0.9
DGR	Domenigoni Val	78.89 317	eP	P	10 08 03.2 +1.0
C36A	Pine Crest Far	78.90 340	P	P	10 08 02.0 +0.2
TIAR	Tiarei	78.90 256	eP	P	10 08 03.4 +0.8
TIAR	comp=N,27nm,0.9s		eP	P	10 10 03.3 -1.9
HMTC	Hemet	78.93 317	eP	P	10 08 03.5 +1.1
HDB	Hidalgo Marine	79.07 318	eP	P	10 08 02.0 -0.6
I27A	Quinn	79.02 333	P	P	10 08 02.8 +0.1
D34A	Park Rapids	79.05 338	P	P	10 08 02.3 -0.3
F31A	Hecla	79.05 336	P	P	10 08 02.6 -0.1
PAE	Paea	79.06 256	eP	P	10 08 04.3 +0.9
PAE	comp=N,254nm,1.0s		eP	P	10 10 03.4 -2.7
PPT2	comp=N,176nm,1.1s		eP	P	10 08 04.8 +1.1
PPT2	Papeete2	79.08 256	eP	P	10 10 03.9 -2.4
PPT2	comp=N,588nm,1.1s		eS	S	10 10 17 13.5 -5.2
PPT2	comp=N,44um,28.2s		eS	S	10 10 17 13.5 -5.2
PPT2	Papeete2	79.08 256	eLR	LR	10 33 15.2
SRU	San Rafael Swe	79.09 324	eP	P	10 08 04.0 +0.6
SRU	SRU		ePP	P	10 10 05.3 -0.8
SRU	SRU		ePP	P	10 10 05.3 -0.8
SRU	San Rafael Swe	79.09 324	eP	P	10 08 04.0 +0.6
SRU	SRU		ePP	P	10 10 05.3 -0.8
PPT	Papeete	79.09 256	eP	P	10 08 04.9 +1.2
PPT	comp=Z,2um,0.9s,baz=161,slow=1,SNR=59		eP	P	10 10 07.8 +1.5
PPT	comp=Z,477nm,0.9s,baz=60,slow=0.8,SNR=9.4		eP	P	10 10 07.8 +1.5
PPT	comp=Z,26nm,0.8s,baz=0.0,slow=20,SNR=2.1		eP	P	10 10 07.8 +1.5
PPT	Papeete	79.09 256	eP	P	10 08 04.9 +1.2
PPT	PPT		ePP	P	10 10 07.8 +1.5
PPT	PPT		ePP	P	10 10 07.8 +1.5
PPT	PPT		ePP	P	10 10 07.8 +1.5
H28A	Mission Ridge	79.11 334	P	P	10 08 03.0 -0.1
G29A	Hoven	79.11 335	P	P	10 08 02.9 -0.2
C35A	Jirik Farms, M	79.20 339	P	P	10 08 03.4 -0.1
J25A	Sunshine Ranch	79.21 331	P	P	10 08 04.3 +0.5
E32A	Braaten, Kindr	79.26 337	P	P	10 08 03.7 -0.1
HEC	Hector,Ludlow	79.28 318	eP	P	10 08 05.4 +1.1
D33A	AnnSam, Waubun	79.31 338	eP	P	10 08 03.8 -0.2
F30A	Leola	79.31 335	P	P	10 08 04.2 +0.1
OWUT	Old Woman Plat	79.32 324	eP	P	10 08 06.1 +1.5
I26A	New Underwood	79.33 332	eP	P	10 08 04.5 +0.2
P18A	Preston Nutcr	79.33 325	eP	P	10 08 05.7 +1.0
G28A	Parade	79.40 334	P	P	10 08 05.0 +0.4
C34A	RKJ Ranch, Bern	79.45 339	P	P	10 08 04.8 0.0
P17A	Butcher Ranch	79.47 325	eP	P	10 08 06.0 +0.7
CCUT	Cedar City	79.48 322	eP	P	10 08 06.9 +1.4
CCUT	comp=N,6um,1.6s		eP	P	10 10 11.4 +3.0
H27A	Hoves	79.50 333	eP	P	10 08 05.3 +0.1
ICU	Indian Springs	79.51 321	eP	P	10 08 06.7 +1.2
E31A	Nome	79.52 336	P	P	10 08 05.3 +0.1
MSU	Marysvalle	79.53 323	eP	P	10 08 06.7 +1.0
MSU	Marysvalle	79.53 323	eP	P	10 08 06.7 +1.0
DBD	Des See Dove	79.54 324	eP	P	10 08 07.4 +1.6
TMUT	Trail Mountain	79.59 324	eP	P	10 08 06.9 +0.8
TMUT	comp=N,2um,1.3s		eP	P	10 10 07.7 -1.3
F29A	Eureka	79.61 335	eP	P	10 08 05.5 -0.2
ARGU	Argyle Ridge	79.63 325	eP	P	10 08 07.5 +1.2
I25A	Rochford	79.69 332	eP	P	10 08 06.6 +0.3
SSK	Sunset	79.69 317	eP	P	10 08 07.6 +1.0
ARUT	Antelope Range	79.69 322	eP	P	10 08 07.8 +1.3
ARUT	Antelope Range	79.69 322	eP	P	10 08 07.8 +1.3
B35A	Bob, Littlefor	79.71 340	P	P	10 08 06.0 -0.1
D32A	baz=152,SNR=751	79.71 337	P	P	10 08 06.0 -0.1
D32A	Dogwood Acres,	79.71 337	P	P	10 08 06.0 -0.1
SGU	Sterling	79.73 324	eP	P	10 08 08.1 +1.3
SHPR	Sheep Range	79.76 320	eP	P	10 08 07.7 +0.8
H26A	Fairpoint	79.77 332	eP	P	10 08 06.5 -0.1
SNO	Snow College	79.77 324	eP	P	10 08 08.2 +1.2
WCU	Willow Creek	79.81 323	eP	P	10 08 08.5 +1.2
EL2	El Mirage 2	79.81 317	eP	P	10 08 08.4 +1.3
C33A	Trail	79.83 338	P	P	10 08 06.9 +0.2
K22A	Casper	79.83 329	P	P	10 08 07.9 +0.8
K22A	Casper	79.83 329	eP	P	10 08 07.6 +0.4
K22A	comp=N,3um,1.3s		eP	P	10 10 09.6 -0.6
K22A	eS		eP	P	10 10 26.8 +3.7
E30A	Jud	79.84 336	P	P	10 08 07.1 +0.2
D31A	McClaffin, Tow	79.88 337	P	P	10 08 07.3 +0.3
RSSD	Black Hills	79.90 331	eP	P	10 08 07.5 0.0
RSSD	RSSD		ePP	P	10 10 08.6 -2.0
RSSD	RSSD		eSP	P	10 11 13.1 +3.3
RSSD	RSSD		eS	S	10 11 13.1 +3.3
RSSD	RSSD		eS	S	10 17 18.5 -5.3
RSSD	comp=Z,2um,1.3s		eP	P	10 10 08.6 -2.0
RSSD	RSSD		eS	S	10 11 13.1 +3.3
RSSD	RSSD		eS	S	10 17 18.5 -5.3
HOLC	Holcomb Ridge	79.95 317	eP	P	10 08 08.7 +0.9
PASC	Pasadena Art C	79.97 316	eP	P	10 08 08.7 +0.9
BLKC	Black Mountain	79.99 318	eP	P	10 08 09.1 +1.1
F28A	McLaughlin	80.00 334	P	P	10 08 08.0 +0.3
G27A	Dupree	80.05 333	P	P	10 08 08.1 0.0
LEVU	Levan	80.06 324	eP	P	10 08 09.3 +0.8
B34A	Aery, Baudette	80.11 339	P	P	10 08 08.0 -0.2
H25A	Fruitdale	80.12 332	P	P	10 08 08.4 0.0
C32A	Crookston	80.14 338	P	P	10 08 08.5 +0.2
IMU	Iron Mountain	80.14 323	eP	P	10 08 10.2 +1.3
FLU	Foot Peck	80.15 324	eP	P	10 08 09.9 +0.9
E29A	Napoleon	80.16 335	P	P	10 08 08.6 +0.1
B33A	Robert and Kas	80.22 339	P	P	10 08 09.9 +0.2
IR2C	Iron Canyon	80.24 316	eP	P	10 08 08.9 +0.6
G26A	Maurine	80.25 333	P	P	10 08 09.0 -0.1
D30A	Buchanan	80.30 336	P	P	10 08 09.6 +0.4
BLCC	Black Canyon	80.31 316	eP	P	10 08 10.4 +0.8
EDW2	Edwards Air Fo	80.32 317	eP	P	10 08 09.9 +0.2
AGMN	Agassiz Nation	80.33 339	P	P	10 08 09.4 0.0

AGMN	Agassiz Nation	80.33 339	eP	P	10 08 09.2 -0.1
AGMN	comp=Z,2um,0.7s		eP	P	10 10 13.1 +0.5
FOXC	Fox Canyon	80.38 317	eP	P	10 08 11.2 +1.2
DAU	Daniels Canyon	80.44 325	eP	P	10 08 11.4 +0.9
F27A	Daniels Canyon	80.44 325	eP	P	10 08 11.4 +0.9
F27A	Leimon	80.50 334	P	P	10 08 10.5 +0.1
G25A	Newell	80.50 332	P	P	10 08 10.5 +0.1
WSHM	Spangler Hills	80.50 318	eP	P	10 08 11.5 +0.9
C31A	Landman Farms,	80.52 337	P	P	10 08 10.5 +0.1
CCAC	Calif City Air	80.52 317	eP	P	10 08 11.8 +1.1
NLU	North Lily Mtn	80.52 324	eP	P	10 08 11.5 +0.7
NLU	comp=Z,3um,1.8s		eP	P	10 10 13.9 -0.3
D29A	Pettibone, Tap	80.56 336	eP	P	10 08 10.9 +0.3
E28A	baz=148,SNR=124	80.56 335	P	P	10 08 10.9 +0.3
DCU	Deer Creek Res	80.58 325	eP	P	10 08 11.9 +0.8
OSI	Ostio Audit: C	80.59 316	eP	P	10 08 11.7 +0.6
HTU	Hoyt Peak	80.61 325	eP	P	10 08 12.3 +0.9
B32A	Ashes, Strandg	80.63 338	P	P	10 08 11.1 +0.1
LDJ	Lady	80.64 325	eP	P	10 08 12.5 +1.1
HLJ	Hailstone	80.66 325	eP	P	10 08 12.4 +0.9
KLJ	Keety	80.67 325	eP	P	10 08 12.5 +0.9
JLU	Jordanelle	80.67 325	eP	P	10 08 12.4 +0.8
JLU	comp=Z,4um,1.5s		eP	P	10 10 16.1 +1.0
TPNV	Topopah Spring	80.69 320	eP	P	10 08 12.7 +1.0
TPNV	comp=Z,2um,1.3s		eP	P	10 10 13.0 +1.3
TPNV	Topopah Spring	80.69 320	P	P	10 08 12.7 +1.0
TPNV	comp=Z,2um,1.3s		eP	P	10 08 12.7 +1.0
C30A	Miss	80.70 337	P	P	10 08 11.5 +0.2
RCJ	Ross Creek	80.71 325	eP	P	10 08 12.8 +1.0
RTC	Red Butte Cent	80.73 45	eP	P	10 08 11.6 -0.2
RTC	comp=Z,3um,0.8s		eP	P	10 10 15.4 +0.3
RTC	RTC		eP	P	10 11 14.2 -0.2
A33A	Warroad	80.73 339	P	P	10 08 11.6 +0.2
F26A	baz=151,SNR=394	80.74 333	P	P	10 08 11.8 +0.2
F26A	Logeopole	80.74 333	P	P	10 08 11.8 +0.2
E27A	Carson	80.78 334	P	P	10 08 12.0 +0.3
GMU	Granite Mount	80.82 325	eP	P	10 08 12.8 +0.5
WTU	Western Traver	80.83 324	eP	P	10 08 12.9 +0.6
RCWM	Renegade Canyo	80.83 318	eP	P	10 08 13.2 +0.8
CTU	Camp Tracy	80.92 325	eP	P	10 08 13.1 +0.5
CWU	Camp Williams	80.90 324	eP	P	10 08 13.7 +1.0
RBU	Red Butte Cany	80.99 325	eP	P	10 08 13.5 +0.4
DAC	Darwin (Calif)	81.02 318	eP	P	10 08 14.0 +0.5
DAC	comp=Z,1um,1.1s		eP	P	10 10 16.0 -1.0
DAC	Darwin (Calif)	81.02 318	eP	P	10 08 14.0 +0.5
DAC	comp=Z,1um,1.1s		eP	P	10 10 16.0 -1.0
D28A	Regan	81.03 335	P	P	10 08 13.3 +0.3
B31A	baz=147,SNR=168	81.03 338	P	P	10 08 13.0 0.0
B31A	Grebush	81.03 338	P	P	10 08 13.0 0.0
HRU	Hogsback Ridge	81.03 325	eP	P	10 08 13.8 +0.4
FSU	Fish Springs	81.05 323	eP	P	10 08 14.6 +1.1
NOQ	North Oquirrh	81.06 325	eP	P	10 08 13.9 +0.4
A32A	Rocking H Ranch	81.07 339	P	P	10 08 13.1 -0.1
DUG	Dugway, Toeole	81.09 324	eP	P	10 08 14.3 +0.7
DUG	DUG		ePP	P	10 10 16.9 -0.3
DUG	DUG		eS	S	10 11 17.6
DUG	DUG		eS	S	10 11 17.6
DUG	comp=Z,3um,1.7s		eP	P	10 10 14.7 +1.0
DUG	Dugway, Toeole	81.09 324	P	P	10 08 14.7 +1.0
DUG	Dugway, Toeole	81.09 324	eP	P	10 08 14.3 +0.7
DUG	Dugway, Toeole	81.09 324	eP	P	10 08 14.3 +0.7
DUG	comp=Z,3um,1.7s		eP	P	10 10 16.9 -0.3
DUG	DUG		eS	S	10 11 17.6
DUG	DUG		eS	S	10 11 17.6
F25A	Bowman	81.12 333	P	P	10 08 13.6 +0.1
F25A	baz=144,SNR=244	81.12 333	P	P	10 08 13.6 +0.1
E26A	Carlson Angus	81.16 334	P	P	10 08 13.7 0.0
FPU	Francis Peak	81.19 325	eP	P	10 08 15.0 +0.7
MDND	Maddock	81.23 336	P	P	10 08 14.5 +0.5
MDND	baz=148,SNR=554	81.23 336	eP	P	10 08 14.6 +0.6
MDND	Maddock	81.23 336	eP	P	10 08 14.6 +0.6
MDND	comp=Z,6um,0.9s		eP	P	10 10 17.9 +0.3
SAIU	Southern Antel	81.24 325	eP	P	10 08 14.8 +0.4
R11A	Troy Canyon, C	81.29 321	P	P	10 08 15.8 +1.0
R11A	Troy Canyon, C	81.29 321	eP	P	10 08 15.7 +1.0
R11A	comp=Z,3um,1.5s		eP	P	10 10 16.8 -1.6
B30A	Myrvik Farm, E	81.29 337	P	P	10 08 14.8 +0.5
A31A	Linda, St. Vin	81.32 338	P	P	10 08 14.3 -0.1
D27A	baz=150,SNR=34	81.32 335	P	P	10 08 14.8 +0.3
MCU	Center	81.34 335	P	P	10 08 14.8 +0.3
M27A	Monte Cristo P	81.34 325	eP	P	10 08 15.5 +0.4
BW06	Boulder Array	81.35 327	P	P	10 08 15.3 +0.3
BW06	Boulder Array	81.35 327	eP	P	10 08 15.2 +0.1
BW06	comp=Z,7um,2.3s		eP	P	10 10 17.6 -1.2
BW06	Boulder Array	81.35 327	eP	P	10 08 14.9 -0.1
PDAR	Pinedale Array	81.35 327	eP	P	10 08 14.9 -0.1
PDAR	comp=Z,438nm,0.7s,baz=126,slow=6.0,SNR=62				

1d 12h

Table with columns: WRA, ASAR, SONM, MKAR, ZALV, TXAR. Includes station names, times, and coordinates.

CSEM 01 11:16:18.2, 34.00N, 36.80E, h0km, ML1.8, NSCC 01 11:16:18.2, 1.2, 34.00N, 36.80E, h1km, 4km, MD1.0, ML1.8, Jordan-Syria region

Main table for CSEM and NSCC stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Ras Al Marh, Alairoos, Zalf, etc.

KRSC 01 11:24:07.4, 1.8, 49.03N, 157.02E, h6km, 5km, ML3.8, East of Kuril Islands

Table for KRSC stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Severo-Kuril's, Pauzhetka, etc.

KRSC 01 11:28:14.2, 1.2, 49.01N, 156.30E, h15km, 6km, ML3.9, Kuril Islands

Table for KRSC stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Severo-Kuril's, Pauzhetka, etc.

IDC 01 11:28:55.9, 3.1, 2.62S, 79.64W, h80km, 30km, mb3.6/8, mb1.3, 8.71, mb1mx3.6/37, mbtmp3.9/11, Error ellipse: s-maj=2.14km s-min=17.4km az=73.0

Table for IDC stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BMAS, BBIL, BPAT, etc.

2011 JAN

Table for 2011 JAN stations. Columns: LPAZ, PTGA, SIV, SJG, PLCA, TXAR, PDAR, NVAR, YKA, INK, ILAR, ZALV, MKAR, SONM, ASAR, WRA, FITZ. Lists stations like La Paz, Pitinga, Sivo, etc.

IDC 01 11:44:24.7, 1.7, 19.67S, 168.11E, h0km, mb4.3/8, mb1.4, 5.9, mb1mx4.1/36, mbtmp4.3/9, ML3.9/1, Error ellipse: s-maj=40.8km s-min=23.8km az=128.0

Table for IDC stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DZM, CTA, PMG, STKA, WRA, ASAR, FITZ, CMAR, SONM, NVAR.

ISCJ 01 11:45:07.0, 0.5, 39.1S, 0.1, 146.2E, 0.1, h10km, mb4.1/16, Error ellipse: s-maj=16.4km s-min=11.4km az=26.9

Table for ISCJ stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BOSA, OPO, LBTB, MATP, SNAE, NWAO, GSI, DBIC, TORI, ASAR, STKA, CMAR, PLCA, CPUP, KKAR, MKAR, ZALV, INK, ULM, ILAR, TXAR, YKA.

ISCJ 01 11:45:08.0, 0.6, 39.1S, 0.1, 146.2E, 0.1, h10km, n23, 1510/21, mb4.1/5, Southwest Indian Ridge

Table for ISCJ stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BOSA, OPO, LBTB, MATP, SNAE, NWAO, GSI, DBIC, TORI, ASAR, STKA, CMAR, PLCA, CPUP, KKAR, MKAR, ZALV, INK, ULM, ILAR, TXAR, YKA.

ISCJ 01 12:09:26.8, 0.8, 6.84N, 0.04, 73.09W, 0.05, h163km, 7km, Error ellipse: s-maj=9.6km s-min=4.5km az=30.1

Table for ISCJ stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BARC, RUSC, GRMC, CAPV, OCAC, YOPC.

28

Table for 28 stations. Columns: YOPC, NORC, NORC, CHIC, CHIC, ROCC, ROCC, HELC, HELC, PRAC, PRAC, VIVR, VIVR, QARV, QARV, CURV, CURV, BAUV, BAUV. Lists stations like Yopca, Norcasia, Chingaza, etc.

CSEM 01 12:11:21.1, 0.3, 39.88N, 32.99E, h5km, MD2.5, Error ellipse: s-maj=7.4km s-min=4.7km az=57.0

Table for CSEM stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like LOD, LOD, LOD, BBAL, BBAL, AFSR, AFSR, AFSR, AFSR, KKUL, KKUL, SVRH, SVRH, SVRH, SVRH, BCAM, BCAM, CORM, CORM.

IDC 01 12:21:03.0, 4.6, 20.09S, 168.25E, h0km, mb3.8/5, mb1.4, 0.6, mb1mx3.8/25, mbtmp3.8/6, ML3.2/1, Error ellipse: s-maj=12.9km s-min=29.1km az=116.0

Table for IDC stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DZM, DZM, STKA, WRA, ASAR, CMAR, SONM.

DHMR 01 12:31:00.9, 1.4, 12.11N, 43.95E, h12km, 15km, ML3.5, 1C, Western Arabian Peninsula

Table for DHMR stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ADEN, ADEN, ADEN, UDYN, UDYN, LBOS, LBOS, BDHA, BDHA.

IDC 01 12:48:58.4, 0.8, 19.58S, 168.30E, h0km, mb4.4/14, mb1.4, 5.15, mb1mx4.3/39, mbtmp4.4/15, ML3.8/1, MS3.7/1, Ms1.3, 7.1, ms1mx3.2/28, Error ellipse: s-maj=24.0km s-min=17.0km az=142.0

Table for IDC stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DZM, DZM, EIDS, EIDS, URZ, URZ, CTA, CTA, CTAO, CTAO, PMG, PMG, STKA, STKA, WRA, WRA, ASAR, ASAR, FITZ, FITZ, SIJI, SIJI, NWAO, NWAO, NSPA, NSPA, USRK, USRK, MAW, MAW, ULN, ULN, SONM, SONM, NVAR, NVAR, ILAR, ILAR.

ISCJ 01 12:49:02.8, 0.7, 19.7S, 0.1, 168.2E, 0.1, h26km, n30, 0919/27, mb4.4/14, 1C-3D, Vanuatu Islands

Table for ISCJ stations. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DZM, DZM, EIDS, EIDS, URZ, URZ, CTA, CTA, CTAO, CTAO, PMG, PMG, STKA, STKA, WRA, WRA, ASAR, ASAR, FITZ, FITZ, SIJI, SIJI, NWAO, NWAO, NSPA, NSPA, USRK, USRK, MAW, MAW, ULN, ULN, SONM, SONM, NVAR, NVAR, ILAR, ILAR.

Table with columns: TXAR, MKAR, YKA, CONA, GERES, ARSA, MOA, SOKA, FETA, TUE. Includes station names, times, and coordinates.

ISCJB 01 12:58:12.9:0.9,24:71N:0.10:98:29E:0.06,h10km, mb3.4/2, Error ellipse: s-maj=14.4km s-min=7.8km az=172.1

BUI 01 12:58:14.8:24:72N:97:93E,h10km,ML3.5/7 IDC 01 12:58:14.5:1.6,24:70N:98:35E,h0km,mb3.4/2, mb1 3.7/3, mb1mx2.2/5.3, mbtmp3.4/3,ML2.1/1, Error ellipse: s-maj=60.7km s-min=20.1km az=75.0

ISC 01 12:58:16.0:1.0,24:81N:0:08:98:16E:0.07,h10km,n6, az=225/8, Myanmar-China border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IMP, KMI, CMAR, CD2, MKAR, WRA.

RSNC 01 13:01:42.0:1.1,3:96N:76:35W,h127km,gkm,ML2.6,1C, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MALC, POPC, PRAC, GUYC, NORC, HELC, CRUC, SJAC, CHIC, DBBC, TOLC.

ISCJB 01 13:09:34.3:1.0,6:59N:0:10:126:8E:0.1,h133km,gkm, mb3.4/4, Error ellipse: s-maj=20.6km s-min=16.2km az=177.3

IDC 01 13:09:35.4:9.9,6:59N:126:84E,h129km,gkm,mb3.1/4, mb1 3.2/4, mb1mx2.9/4.2, mbtmp3.5/4, Error ellipse: s-maj=111.6km s-min=17.4km az=64.0

MAN 01 13:09:37.6:7:00N:126:65E,h109km,mb4.5,ML3.3,MS3.2 ISC 01 13:09:36.1:1.2,6:61N:0:1:126:7E:0.1,h131km,gkm,n9, az=191/14,mb3.4/4,2C,Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MATI, DAV, BIPH, KCP, MUSUAN, WRA, ASAR, MKAR, KURBB.

ISCJB 01 13:12:59.6:0.6,34:95N:0:06:72:92E:0.09,h10km, mb3.5/4, Error ellipse: s-maj=12.0km s-min=4.8km az=144.4

IDC 01 13:13:00.8:1.1,35:05N:72:84E,h0km,mb3.6/5, mb1 3.6/10, mb1mx3.4/5.0, mbtmp3.5/10,ML3.2/4, Error ellipse: s-maj=25.9km s-min=22.0km az=71.0

NCC 01 13:13:08.4:11.0,35:40N:72:20E,h0km,mb3.7,mpv3.6, Error ellipse: s-maj=165.8km s-min=74.6km az=103.0

ISC 01 13:13:02.5:0.8,35:06N:0:08:72:88E:0.09,h10km,n25, az=250/27,mb3.6/4,2C-3D,Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SMLA, MNAS, AAK, KK31, KOLN, GEYT, DMN, KKN, PKIN.

Table with columns: PUN, GUMBA, JIRN, MKAR, RAMTE, TAPN, KURBB, AB31, BVAR, AKTO, AKTO, ZALV, FINES, TORD, WRA, ASAR. Includes station names, times, and coordinates.

ISCJB 01 13:13:36.8:0.6,38:07N:0:03:40:17E:0.04,h1km,gkm, Error ellipse: s-maj=5.7km s-min=3.7km az=149.6

CSEM 01 13:13:36.5:0.3,38:10N:40:21E,h5km,MD2.8, Error ellipse: s-maj=9.0km s-min=5.6km az=45.0

DDA 01 13:13:36.5,38:08N:40:14E,h7km,MD3.3 ISC 01 13:13:36.2,38:06N:40:13E,h5km,MD2.8 NSSC 01 13:13:37.1:1.1,38:12N:41:11E,h38km,gkm,ML2.2

ISC 01 13:13:36.4:1.2,38:07N:0:02:40:17E:0.03,h3km,n10km, n33,az=94/51,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DYBB, DIY, MAZI, MAZI, SVRC, SVRC, BTMNM, BTMNM, MARDIN, MARDIN, BTKB, BTKB, PTK, PTK, ELZG, ELZG, ELZG, ELZG, URFA, URFA, ERZAN, ERZAN, SFNV, SFNV, SURC, SURC, AKCD, AKCD, ERZC, ERZC, ILIC, ILIC, MZRK, MZRK, DRWC, DRWC, DRWC.

IDC 01 13:25:43.3:1.1,0:89S:137:81E,h0km,mb3.7/7, mb1 4.1/9, mb1mx3.8/27, mbtmp3.9/8,ML4.3/2,MS3.7/1, mb1 3.7/1,ms1mx3.1/24, Error ellipse: s-maj=31.2km s-min=18.1km az=57.0

ISCJB 01 13:25:46.1:0.9,0:95S:137:78E:0.08,h33km,mb3.7/5, MS3.6/1, Error ellipse: s-maj=19.6km s-min=9.2km az=25.2

ISC 01 13:25:48.0:1.0,1:05S:0:02:137:77E:0.09,h35km,n13, az=135/11,mb3.8/5,Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JAY, SIJU, SIJU, PMG, WRA, CTA, FITZ, ASAR, STKA, CMAR, MKAR, Vnda, LPAZ, LPAZ, IDC 01 13:31:38.0:3.9,26:26N:143:11E,h0km,mb3.5/2, mb1 3.8/3, mb1mx3.8/27, mbtmp3.5/3,ML3.6/1,MS3.6/1, mb1 3.8/1,ms1mx2.9/26, Error ellipse: s-maj=127.3km s-min=23.8km az=70.0, Bonin Islands region

Table with columns: SONM, WRA, MKAR. Includes station names, times, and coordinates.

ISK 01 13:32:04.0,38:07N:40:23E,h5km,MD2.6 DDA 01 13:32:05.0,38:07N:40:14E,h6km,MD2.7 CSEM 01 13:32:05.0:0.4,38:05N:19E:h5km,MD2.6, Error ellipse: s-maj=12.0km s-min=5.4km az=42.0

ISC 01 13:32:05.4:1.2,38:04N:0:05:40:13E:0.04,h7km,n10km, n17,az=126/4,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DYBB, MAZI, MAZI, SVRC, SVRC, MARDIN, MARDIN, BTMNM, BTMNM, ELZG, ELZG, ELZG, ELZG, PTG, PTG, URFA, URFA, AKCD, AKCD.

MEX 01 13:35:00.8:0.3,14:24N:92:01W,h25km,g1km,MD3.5, Near coast of Chiapas

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

ISCJB 01 13:42:13.0:0.9,36:89S:0:06:73:84W:0:07,h14km, mb3.5/3, Error ellipse: s-maj=9.2km s-min=8.1km az=160.5

GUC 01 13:42:13.9:0.4,36:88S:73:72W,h13km,gkm,ML3.7 IDC 01 13:42:14.1:1.6,36:83S:73:30W,h0km,mb3.6/3, mb1 3.8/4, mb1mx3.6/26, mbtmp3.6/4,ML3.6/1, Error ellipse: s-maj=67.6km s-min=20.5km az=67.0

ISC 01 13:42:16.0:1.4,36:87S:0:07:73:58W:0.08,h14km,n16, az=132/22,mb3.6/3,Near east of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CCSP, COCH, CCHI, NICH, NICH, CLOCH, ROCC, PLCA, ARCO, ARCO, AUCP, AUCP, AUCP, AMOG, LPAZ, TXAR, TORD.

WEL 01 13:51:26.8:0.2,39:56S:174:33E,h201km,jkm,ML3.8/13, 9C-18D, Error ellipse: s-maj=1.7km s-min=1.2km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LREZ, PREZ, NEZ, KHEZ, NMEZ, DREZ, NWEZ, MHEZ, WAZ, VRZ, MTVZ, TRVZ, TWVZ, FWVZ, COVZ, WHVZ, NGZ, TUVZ, WTVZ, OTVZ, MOVZ, KRVZ, KATZ, DUWZ, DUWZ, RATZ, RITZ, BHZ, TSZ, TSZ, KIWZ, KIWZ, POWZ, POWZ, MRZ, MRZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like PNHZ, TLZ, KRHZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station codes like MJAR, SJUI, SONM, WRA, MKAR, MMAI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station codes like ABRA, SIPP, PIP, APYP, CAUP, GALP.

ISCJB 01 14:26:34.7d.0.7.20.5S:0.2:178.0W:0.2, h534km, mb3.4/7, Error ellipse: s-maj=32.2km s-min=14.1km az=139.5

ISC 01 14:26:35.0-0.9.20.5S:0.2:177.9W:0.2, h534km, n10, Error ellipse: s-maj=36.0km s-min=14.3km az=148.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station codes like AFI, URZ, STKA, ASAR, NVAR, TXAR, ILAR, PKAD.

ISC 01 14:45:58.8d.2.5.19.22S:167.63E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/37, mbmp3.7/5, ML3.3/1, Error ellipse: s-maj=59.5km s-min=33.7km az=117.0

ISC 01 14:46:01.3d.2.6.19.45S:0.1:167.9E:0.4, h288km, n6, Error ellipse: s-maj=58.7km s-min=33.7km az=117.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station codes like DZM, WRA, ASAR, FITZ, SONM, DAVOX.

DJA 01 15:06:31.1d.0.6.3'S:3.10'E, h31km, 11km, M3.5/8, MLV3.5/8, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station codes like PMBI, LMSI, JMBI, MASJ, MDSI, LWLI, KLI, PPBI, DSRI, KASI.

ISC 01 15:26:43.9d.0.8.26.66N:143.91E, h0km, mb3.8/10, mb1 4.1/11, mb1mx3.8/37, mbmp3.8/11, ML3.8/0.1, Error ellipse: s-maj=25.8km s-min=19.0km az=80.0

JMA 01 15:26:45.6d.0.2.27.20N:143.89E, h0km, 5km, Error ellipse: s-maj=25.8km s-min=19.0km az=80.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station codes like JHHJ, CBJJ, CBJJ, JJCJ, BSQJ, JHUJ, JRYJ, MJAR, SONM, CMAR, ZALV, ASAR, MKAR, FINES, KBZ, NVAR, LPAZ.

NIED 01 15:34:00.37.80N:139.00E, h200km, Mw4.2 Best double couple: M2.18000:1015 NP1:3299000:886.00000, Error ellipse: s-maj=2.2km s-min=0.7s az=119.0

lambda=102.00000, BUJ 01 15:34:30.2.37.78N:139.13E, h163km, mb4.5/21, mb4.9/12, ISCJB 01 15:34:36.0.3.37.77N:0.05:139.00E:0.06, h179km, 2km, mb4.1/31, Error ellipse: s-maj=8.7km s-min=5.8km az=44.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station codes like JNS, JIZJ, JJK, JFY, JSD, JAW, JFT, JSZ, JAG, MAJO, MAT, MAT, MAT, MJAR.

ISC 01 15:34:36.0.3.37.77N:0.06:139.02E:0.06, h174km, 5km, n73, 0.90/82, mb4.2/3, 6C-5D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station codes like JYK, JRY, JMK, JHUJ, ASAJ, USRK, KSRS, KSAR, TIA, TIA, BJT, MA2, ULN, ENH, SONM, SEY, LZH, LZH.

ISC 01 15:34:36.0.3.37.77N:0.06:139.02E:0.06, h174km, 5km, n73, 0.90/82, mb4.2/3, 6C-5D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station codes like LZH, LZH, ZALV, ZALV, LSA, MKAR, KURK, TAPN, ODAN, RAMM, JIRN, GUN, PKI, KKN, PMN, DKIN, KOLN, TKM2, KSH, KSH, KKAR, INK, ABKAR, WRA, ASAR, GEYT, ARCES, YKES, YKES, FINES, KBZ, STKA, AKASG, NB2, NB2, NVAR, BRTR, PDAR, DPC, CLL, SOKA, RETA, FETA.

ISC 01 15:34:36.0.3.37.77N:0.06:139.02E:0.06, h174km, 5km, n73, 0.90/82, mb4.2/3, 6C-5D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station codes like ZALV, ZALV, LSA, MKAR, KURK, TAPN, ODAN, RAMM, JIRN, GUN, PKI, KKN, PMN, DKIN, KOLN, TKM2, KSH, KSH, KKAR, INK, ABKAR, WRA, ASAR, GEYT, ARCES, YKES, YKES, FINES, KBZ, STKA, AKASG, NB2, NB2, NVAR, BRTR, PDAR, DPC, CLL, SOKA, RETA, FETA.

ISC 01 15:34:36.0.3.37.77N:0.06:139.02E:0.06, h174km, 5km, n73, 0.90/82, mb4.2/3, 6C-5D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station codes like ZALV, ZALV, LSA, MKAR, KURK, TAPN, ODAN, RAMM, JIRN, GUN, PKI, KKN, PMN, DKIN, KOLN, TKM2, KSH, KSH, KKAR, INK, ABKAR, WRA, ASAR, GEYT, ARCES, YKES, YKES, FINES, KBZ, STKA, AKASG, NB2, NB2, NVAR, BRTR, PDAR, DPC, CLL, SOKA, RETA, FETA.

ISC 01 15:34:36.0.3.37.77N:0.06:139.02E:0.06, h174km, 5km, n73, 0.90/82, mb4.2/3, 6C-5D, Eastern Honshu

CSEM 01 15:38:20.5,0.2,40.59N,30.38E,h10km,MD2.4, Error ellipse: s-maj=4.4km s-min=3.5km az=30.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPNC Sapanca-Adapaz, GULT Gulveren, BTAS Taskesti, etc.

ISK 01 15:40:31.7,40.10N,29.45E,h5km,MD2.5 DDA 01 15:40:31.8,40.32N,29.92E,h17km,MD2.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IZI Iznik, IGD Bursa, ULDT Uludag, CAVI Cavuskoj, etc.

ISCJB 01 15:40:55.1,0.5,18.1S,0.1:178.1W,0.1,h45km, mb3.9/11, Error ellipse: s-maj=16.6km s-min=12.7km az=138.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI Afiamalu, URZ Urewera, STKA Stephens Creek, etc.

0.9nm,0.5s,baz=28,slow=3.1,SNR=16

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DCM Mont Dzumac, DZM 14nm,0.3s,baz=183,slow=3.4,SNR=104, etc.

ISC 01 15:44:05.1,1.3,19.7S,0.1:167.7E,0.2,h26km,n7, +f23z3,mb4.0/6, Vanuatu Islands region

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

ISC 01 15:51:55.9,1.4,19.28S,167.86E,h0km,mb3.7/4, mb1 4.0/5,mb1mx3.6/43,mbtmt3.7/5,ML3.7/1, Error ellipse: s-maj=56.4km s-min=25.3km az=142.0, Vanuatu Islands region

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

ISCJB 01 16:01:34.9,0.4,16.96N,0.05:95.92W,0.05,h99km,5km, mb3.4/8, Error ellipse: s-maj=8.9km s-min=5.4km az=42.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OXBJ Oaxaca, VHO Vista Hermosa, VHO Vista Hermosa, etc.

ISC 01 16:01:37.2,0.4,16.97N,95.93W,h91km,5km,MD4.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 933A Laredo, 833A Chaparral WMA, 832A Faith Ranch, etc.

12nm,0.5s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 131A Roby, 137A Pogue Cattle C, 130A Snyder, etc.

Table with columns: ZLIG, ARIG, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Puente Sto Nin.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for WRA, WRA, ASAR, MKAR.

ISCJB 01 17:16:30.7±0.5, 40.58N±0.03±27.19E±0.04, h10km±4km, Error ellipse: s-maj=5.4km s-min=4.8km az=173.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for RKY, RYK, SARK, etc.

ISCJB 01 17:21:59.4±1.1, 42.65N±0.08±144.96E±0.06, h41km±18km, Error ellipse: s-maj=13.7km s-min=5.5km az=158.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for JAK, JAK, JOB, etc.

ISK 01 17:22:39.6, 37.60N±36.31E, h9km, Md2.7 DDA 01 17:22:39.8, 37.65N±36.30E, h5km, Md2.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for ANDN, ANDN, KOZAN, etc.

Table with columns: KUZU, KUZU, PINB, PINB, KARAI, KARAI, etc. Includes entries for Kuzuini, Pinarbasi, Karaisali.

ISC 01 17:36:06.4±0.5, 14.33N±93.13E, h0km, mb4.3/2.5, m1 4.4/2.8, m1m1mx4.2/4.6, mbtmp4.3/2.8, ML4.0/3, MS3.3/5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for DGPR, DGPR, PBA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for CHTO, CHTO, CHTO, etc.

ISC 01 17:36:06.4±0.5, 14.33N±93.13E, h0km, mb4.3/2.5, m1 4.4/2.8, m1m1mx4.2/4.6, mbtmp4.3/2.8, ML4.0/3, MS3.3/5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for CHTO, CHTO, CHTO, etc.

Table with columns: DMN, DMN, KKN, KKN, LSA, LSA, LSA, LSA, etc. Includes entries for Daman, Kakani, Lhasa.

ISC 01 17:36:06.4±0.5, 14.33N±93.13E, h0km, mb4.3/2.5, m1 4.4/2.8, m1m1mx4.2/4.6, mbtmp4.3/2.8, ML4.0/3, MS3.3/5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for KSH, KSH, H0BS2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for OTUK, OTUK, KURK, etc.

ISC 01 17:36:06.4±0.5, 14.33N±93.13E, h0km, mb4.3/2.5, m1 4.4/2.8, m1m1mx4.2/4.6, mbtmp4.3/2.8, ML4.0/3, MS3.3/5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for WRA, WRA, WRA, etc.

Table with columns: BRG, comp-Z, Time, Res, Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes entries for Bergliesshubel, GERES Array B, Kasperes Hory, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes entries for CBIJ Chichi jima, CBIJ Chichijima, etc.

Table with columns: PHRA, comp-Z, Time, Res, Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes entries for Phrae, Sadao Pong, Srakaw, etc.

ISCJB 01 17:50:59.0.7.27:37N.0.05:143.54E.0.06, h10km, mb4.0/12, Error ellipse: s-maj=9.4km s-min=5.1km

ISC 01 17:50:59.4.0.7.27:06N:143.52E, h0km, mb4.0/11, mb1 4.2/14, mb1mx3.0/46, mbtmp4.0/14, ML3.4/3, Error ellipse: s-maj=18.1km s-min=15.9km az=154.0

ISC 01 17:51:01.1.0.7.27:23N.0.07:143.47E.0.07, h10km, n30, r1521/34, mb4.0/12, Bonin Islands region

ISC 01 17:49:02.1.0.8.27:1N.0.1:143.79E.0.09, h10km, mb3.5/8, Error ellipse: s-maj=14.7km s-min=11.6km az=175.1

ISC 01 17:49:02.7.1.0.27:01N:143.83E, h0km, mb3.4/8, mb1 3.6/10, mb1mx3.5/45, mbtmp3.4/10, ML3.1/2, Error ellipse: s-maj=30.2km s-min=19.9km az=87.0

ISC 01 17:49:04.2.1.1.27:00N.0.1:143.7E.0.1, h10km, n11, r0591/11, mb3.5/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes entries for CBIJ Chichijima, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes entries for CBIJ Chichi jima, CBIJ Chichijima, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes entries for PHRA Phrae, SRBT Sadao Pong, etc.

JMA 01 17:50:16.5.0.3.27:24N:143.73E, h2km, M4.0, IDC 01 17:50:16.3.0.7.26:94N:143.71E, h0km, mb3.9/14, mb1 4.1/17, mb1mx3.9/46, mbtmp3.9/17, ML3.5/3, Error ellipse: s-maj=18.5km s-min=17.8km az=106.7

ISCJB 01 17:50:17.8.0.6.27:30N.0.05:143.70E.0.05, h10km, mb4.0/17, Error ellipse: s-maj=7.7km s-min=4.8km az=142.9

ISC 01 17:50:17.8.0.6.27:30N.0.05:143.70E.0.05, h10km, mb4.0/17, Error ellipse: s-maj=7.7km s-min=4.8km az=142.9

NEIC 01 17:50:17.8.0.5.26:99N:143.71E, h10km, mb4.2/3, Error ellipse: s-maj=11.3km s-min=11.0km az=215.0

MOS 01 17:57:33.0.9.27:07N:143.56E, h33km, mb4.6/29, Error ellipse: s-maj=16.0km s-min=9.4km az=106.7

ISC 01 17:57:32.1.0.5.27:18N.0.05:143.55E.0.05, h10km, n101, r1529/37, mb4.4/50, MS3.6/4, 7C-1D, Bonin Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes entries for CBIJ Chichi jima, CBIJ Chichijima, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes entries for CBIJ Chichi jima, CBIJ Chichijima, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s, ISC. Includes entries for PHRA Phrae, SRBT Sadao Pong, etc.

NNC 01 18:12:08.7.10.0.40:76N:73.83E, h0km, mb2.6, mpv2.2, Error ellipse: s-maj=76.1km s-min=45.3km az=160.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ARLS Aral, ARLS baz=13, AML Almayashu, AML baz=345, UCH Uchtor, UCH baz=16, KZA Kyzart, KZA baz=40, AAK Ala-Archa, AAK 0.5nm,0.4s, ARK Arkit, ARK baz=296, ARK baz=296, MNAS Manas, MNAS 2.7nm,1.1s, BOOM Boomskey usch, BOOM baz=43, KK31 Karatay Array, KK31 0.5nm,0.6s,baz=171,slow=20,SNR=4.2, KK31 0.6nm,0.6s,baz=139,slow=29,SNR=4.2

PGC 01 18:16:24.0±0.3,60.05N,139.48W, h5km, ML2.1/8, 84km northeast of Yakutat, AK Southeastern Alaska,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PNL Peninsula, PCA Pinnacle, PCA Pinnacle, YUK7 Dusty Glacier, YUK7 Outpost Mounta, YUK6 Haines Junctio, YUK6 Granite Creek, YUK6 Pleasant Camp, PLBC Baldy, PLBC Moose Creek, YUK3 White River, YUK2 Whitehorse, WHY Beaver Creek, WHY Dawson, DAWY Dawson

ISCJB 01 18:37:43.4±0.4,49.14S:0.06:121.5E:0.1, h13km, mb4.6/15, MS4.0/11, Error ellipse: s-maj=13.3km s-min=7.9km az=19.3

IDC 01 18:37:43.5±0.6,49.10S:121.48E, h0km, mb4.6/10, mb1.4/6.11, mb1mx3.4/3.8, mbtmp3.6/5, ML3.6/1, Error ellipse: s-maj=26.3km s-min=14.2km az=109.0

NEIC 01 18:37:44.9±0.4,49.16S:121.56E, h10km, mb4.9/7, Error ellipse: s-maj=16.3km s-min=10.1km az=108.0

GCMT 01 18:37:44.9±0.4,49.08S:121.67E, h13km, MW5.0/74, Moment Tensor Solution. s19,c21; s74,c104; Duration: 0 Moment tensor: Scale 10^19Nm; Ml0.0±0.2; Mw=1.91±.20; Mo=1.90±.22; Mo=1.25±.54; Mo=4.0±.16; Mo=0.01±.47; Best double couple: Ml4.62800; 1019.9 ±1.4; NP1=103.00000; 39.70000; 1-185.00000; NP2=6.120000; 875.00000; 1-3.00000; Principal axes: T 4.5570, Plg9.0000; Azm237.0000; N 0.1480, Plg75.0000; Azm113.0000; P -4.6980, Plg13.0000; Azm329.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

ISC 01 18:37:45.4±0.5,49.11S:0.09:121.5E:0.1, h13km, m51, a1508/38, mb4.6/15, MS4.0/11, 1D, Western

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NWAO Narrogin (SRO), BBOO Buckleboo, STKA Stephen Creek, ASAR Alice Springs, ASAR Warrungarra Arr, WRA Warrungarra Arr, VNDA Vanda, VNDA Vanda, SBA Scott Base, MAW Mawson, MAW Mawson, CTAO Charters Tower, URZ Urewera, GQSA South Pole Qui, PGO Gyowa Base, PGO Port Moresby, SNAA Snaae, SNAA Snaae, GSI Gunungsitoli, VNA2 Neumayer-Watz, VNA3 Neumayer Olymp, VNA1 Neumayer-Stat, H06S2 Diego Garcia H, H06S1 Diego Garcia H, H06S3 Diego Garcia H, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, BOSA Bosa, BOSA Bosa, PPT Papeete, PPT Papeete, LSZ Lusaka, ODAN Odare, TAPN Taplejung

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RAMN Ramite, JNU Nakatsue, PKI Pakohi, PKIN Pulchokki, DMN Daman, LSA Lhasa, GUN Gumba, KKN Kakanai, KOLN Koldanda, PLCA Paso Flores, SONM Songoing Array, H10S2 ASCENSION HYDRIO, H10S3 ASCENSION HYDRIO, H10S1 ASCENSION HYDRIO, TORO Torodi Arr, ILAR Eielson Array, FINES FINESS Array B, GERES Gertsch Array B, NVAR Mina Array Bea, ESDC Souda Array, PDAR Pinedale Array, YKA Yellowknife Arr, TKL Tuckaleechee C

ISCJB 01 18:53:29.9±1.1,27.38N:0.09:143.60E:0.09, h10km, mb3.6/4, Error ellipse: s-maj=16.2km s-min=6.2km s-min=139.0

IDC 01 18:53:29.1±1.2,27.18N:143.53E, h0km, mb3.6/4, mb1.3/9.5, mb1mx3.4/3.8, mbtmp3.6/5, ML3.6/1, Error ellipse: s-maj=29.6km s-min=20.0km az=149.0

JMA 01 18:53:32.4±0.1,27.24N:143.40E, h3km, M4.5, ISC 01 18:53:31.1±1.1,27.34N:0.09:143.52E:0.09, h10km, n11, a156/15, mb3.7/4, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CBIJ Chichi jima, CBIJ Chichijima, CBIJ Chichijima, JCHJ Haha-jima-NKT, JHJH Odawara 2, JHJH Hanto, JHJH Hitachi, MJAR Matsushiro Arr, WRA Warrungarra Arr, FINES FINESS Array B, YKA Yellowknife Arr

PGC 01 18:59:03.8±0.5,51.14N:139.14W, h15km, ML2.6/4, 130km SSW of Yakutat, AK Off Coast Of Southeastern Alaska, Off coast of southeastern Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PNL Peninsula, PLBC Pleasant Camp, PLBC Pleasant Camp, PCA Pinnacle, YUK7 Dusty Glacier, HYT Haines Junctio, HYT Haines Junctio, BALM Baldy, WHY Whitehorse, WHY Whitehorse, YUK3 Moose Creek, YUK2 White River, DAWY Dawson

PGC 01 19:28:42.6±1.9,58.11N:139.31W, h5km, ML2.7/6, 132km south of Yakutat, AK Off Coast Of Southeastern Alaska, Off coast of southeastern Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PNL Peninsula, PNL Peninsula, PLBC Pleasant Camp, PCA Pinnacle, YUK7 Dusty Glacier, HYT Haines Junctio, HYT Haines Junctio, BALM Baldy, WHY Whitehorse, WHY Whitehorse, YUK3 Moose Creek, YUK2 White River, DAWY Dawson

IDC 01 19:37:19.3±0.8,27.06N:143.44E, h0km, mb3.9/13, mb1.4/1.14, mb1mx3.8/5.1, mbtmp3.9/14, ML3.5/1, Error ellipse: s-maj=26.7km s-min=16.8km az=89.0

NEIC 01 19:37:20.7±0.5,27.13N:143.45E, h10km, mb4.1/4, Error ellipse: s-maj=11.2km s-min=8.9km az=84.0

JMA 01 19:37:23.0±0.1,27.25N:143.47E, h4km, M4.3, ISC 01 19:37:20.9±0.7,27.23N:0.06:143.42E:0.07, h10km, n31, a152/15, mb3.9/17, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CBIJ Chichi jima, CBIJ Chichi jima, CBIJ Chichijima, JCHJ Chichijima, JHJH Haha-jima-NKT, JHJH Hanto, JHJH Hanto, JYU Yasato, JRY Ryogami san, JRY Ryogami san, JHO Hitachi, JAG Ashikaga, MJAR Matsushiro Arr, MAJO Matsushiro, PING Port Moresby, CMAR Chiang Mai Arr, BILL Bilibino

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warrungarra Arr, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, MKAR Makanchi Array, ASAR Alice Springs, KURBK Kurchatov Arra, ILAR Eielson Array, ABKAR Abkulak array, GEYT Alibek, YKA Yellowknife Arr, FINES FINESS Array B, KBZ Khabaz, AKASG Malin Array Be, LPAZ Alice Springs

IDC 01 19:39:07.2±1.1,6.48N:123.67E, h606km, mb2.9/7, mb1.3/1.8, mb1mx2.7/4.5, mbtmp4.0/8.0, Error ellipse: s-maj=51.0km s-min=10.3km az=63.0, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SIJL Sorong, FITZ Fitzroy Crossi, CMAR Chiang Mai Arr, WRA Warrungarra Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephen Creek, MKAR Makanchi Array, KURBK Kurchatov Arra

IDC 01 19:50:44.9±1.9,26.08N:90.32E, h0km, mb3.4/5, mb1.3/6.5, mb1mx3.3/4.3, mbtmp3.3/5.5, Error ellipse: s-maj=83.5km s-min=21.0km az=66.0

ISCJB 01 19:50:46.8±1.3,26.1N:0.2:90.5E:0.2, h24km, mb3.3/5, Error ellipse: s-maj=31.4km s-min=10.4km az=39.7

ISC 01 19:50:49.2±1.8,26.1N:0.2:90.6E:0.2, h24km, n7, t1914/8, mb3.4/5, Northeastern India

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SHL Shillong, SHL Shillong, IMP Imphal, MKAR Makanchi Array, SONM Songoing Array, KURBK Kurchatov Arra, WRA Warrungarra Arr, ASAR Alice Springs

IDC 01 19:58:31.7±1.4,27.15N:143.55E, h0km, mb3.6/4, mb1.3/9.5, mb1mx3.4/3.7, mbtmp3.7/3.5, ML3.6/1, Error ellipse: s-maj=40.1km s-min=27.9km az=79.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JCHJ Chichijima, MJAR Matsushiro Arr, SONM Songoing Array, WRA Warrungarra Arr, MKAR Makanchi Array, KURBK Kurchatov Arra, ILAR Eielson Array

IDC 01 20:15:18.2±3.0,33.61S:178.59W, h0km, mb3.6/2, mb1.3/9.5, mb1mx3.7/3.7, mbtmp3.7/3.5, ML3.6/1, MS3.1/1, Ms1.3/1.1, ms1mx2.6/4.0, Error ellipse: s-maj=71.4km s-min=35.8km az=120.0

ISCJB 01 20:15:20.2±2.6,33.8S:0.1:178.3W:0.4, h41km, mb3.5/2, Error ellipse: s-maj=52.1km s-min=13.1km az=16.5

ISC 01 20:15:20.5±2.6,33.7S:0.2:178.2W:0.4, h41km, n9, a151/12, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WMGZ Waiomatatini S, WMGZ Puketiti, MWZ Matawai, URZ Urewera, URZ Urewera, URZ Urewera, RPZ Rata Peaks, ASAR Alice Springs, WRA Warrungarra Arr, FINES FINESS Array B

SJA 01 20:17:06.3±1.0,31.69S:69.45W, h105km, mb3.6/4, MW3.8, San Juan Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RTLS Leoncito, AUSP Uspallata, SJA San Juan, RTCV Cerro Valdivia, RTCV Cerro Valdivia, RTLL Cerro Villucun, RTLL Cerro Villucun, ASAL Salagasta, ASAL Salagasta, AMOG Mogna, ARCO Cerro Arco, ARCO Cerro Arco, AAGR Agrelo, AAGR Agrelo

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STKA Stephens Creek, FITZ Fitzroy Crossi, etc.

ISCJB 01 20:44:07.5, 0.25, 82N, 0.08:45.11W, 0.10, h12km, mb4.1/23, MS3.6/14, Error ellipse: s-maj=13.7km, s-min=11.0km az=41.2

IDC 01 20:44:07.7, 0.6, 25.83N, 145.10W, h0km, mb4.0/19, mb1.4/2/19, mb1mx3.9/70, mbtmp4.0/19, MS3.6/14, Ms1.3/6/14, ms1mx3.4/36, Error ellipse: s-maj=18.6km, s-min=15.2km az=153.0

NEIC 01 20:44:09.1, 0.3, 25.80N, 145.10W, h10km, mb4.5/4, Error ellipse: s-maj=9.5km, s-min=7.6km az=131.0

ISC 01 20:44:09.4, 0.6, 25.8N, 0.1x45.1W, 0.1, h12km, n42, c0562/25, mb4.3/23, MS3.7/14, Northern Mid-Atlantic Ridge

Main table of station data for the first section, including stations like SJG San Juan, PTGA Pitings, etc.

ISCJB 01 20:48:43.6, 0.3, 32.98N, 0.02:116.35W, 0.02, h11km, 3km, Error ellipse: s-maj=3.8km, s-min=3.1km az=155.9

ECX 01 20:48:44.5, 0.5, 32.99N, 116.35W, h8km, MD2.6, ML2.7

ISC 01 20:48:43.7, 0.9, 32.99N, 0.02:116.35W, 0.02, h12km, 7km, n29, c0566/46, 8C-6D, California-Baja California border region

Table of station data for the second section, including stations like MONP1 Monument Peak, etc.

Table of station data for the third section, including stations like IBP Imperial Bould, BAR Barrett, etc.

ISCJB 01 20:51:43.3, 0.8, 22.06N, 0.06:143.4E, 0.3, h150km, mb3.6/8, Error ellipse: s-maj=33.9km, s-min=6.7km az=173.0

IDC 01 20:51:46.7, 2.1, 22.20N, 143.49E, h170km, 18km, mb3.3/9, mb1.3/5/11, mb1mx3.2/60, mbtmp3.1/11, Error ellipse: s-maj=35.8km, s-min=12.8km az=81.0

JMA 01 20:51:52.1, 0.1, 22.61N, 143.60E, h205km, MA.9

ISC 01 20:51:44.8, 0.9, 22.10N, 0.08:143.5E, 0.2, h150km, n24, c137/29, mb3.5/8, Volcano Islands region

Main table of station data for the third section, including stations like JHHJ Haha-jima-NKT, etc.

CSEM 01 21:10:47.1, 36.15N, 23.10E, h40km, MD2.9

ATH 01 21:10:47.1, 36.15N, 23.10E, h40km, MD2.9/4, Southern Greece

Table of station data for the fourth section, including stations like KYTH Kithira, etc.

IDC 01 21:11:41.5, 1.4, 26.71N, 143.93E, h0km, mb3.4/6, mb1.3/6/7, mb1mx3.5/23, mbtmp3.4/7, ML3.4/1, MS2.9/2, Ms1.2/9/2, ms1mx2.6/21, Error ellipse: s-maj=41.9km, s-min=22.7km az=81.0, Bonin Islands region

Table of station data for the fifth section, including stations like Code Station Name, etc.

Table of station data for the sixth section, including stations like JCJ Chichijima, MJAR Matsushiro Arr, etc.

IDC 01 21:12:57.9, 2.7, 19.56S, 71.35W, h0km, mb3.3/2, mb1.3/5/3, mb1mx3.3/18, mbtmp3.3/3, ML3.2/1, Error ellipse: s-maj=82.4km, s-min=53.2km az=174.0

ISCJB 01 21:13:09.1, 2.1, 18.63S, 0.07:170.0W, 0.2, h66km, 19km, mb3.0/2, Error ellipse: s-maj=27.3km, s-min=11.7km az=9.4

GUC 01 21:13:09.1, 0.4, 18.67S, 70.86W, h0km, 9km, ML3.2

ISC 01 21:13:09.6, 3.5, 18.5S, 0.1x71.0W, 0.2, h58km, 31km, n11, c034/12, 1C, Near coast of northern Chile

Main table of station data for the sixth section, including stations like PSGC Pisagua, etc.

IDC 01 21:14:00.1, 3.2, 27.00N, 144.39E, h0km, mb3.5/3, mb1.3/7/4, mb1mx3.3/32, mbtmp3.5/4, ML3.5/1, Error ellipse: s-maj=70.7km, s-min=25.4km az=100.0, Bonin Islands region

Table of station data for the seventh section, including stations like MJAR Matsushiro Arr, etc.

CSEM 01 21:31:00.6, 0.4, 37.77N, 36.29E, h15km, MD2.6, Error ellipse: s-maj=9.6km, s-min=7.8km az=117.0

ISK 01 21:31:02.1, 3.7, 54N, 36.31E, h19km, MD2.5

ISCJB 01 21:31:03.0, 4.0, 37.54N, 0.03:36.27E, 0.04, h6km, 5km, Error ellipse: s-maj=5.7km, s-min=4.8km az=20.5

DDA 01 21:31:03.0, 3.7, 55N, 36.27E, h13km, MD2.6

ISC 01 21:31:02.8, 0.9, 37.54N, 0.04:36.26E, 0.03, h13km, 6km, n15, c058/28, Turkey

Main table of station data for the eighth section, including stations like ANDN Andirin, etc.

ISCJB 01 21:45:14.4, 1.0, 1.7N, 0.2x100.2E, 0.2, h166km, mb3.3/5, Error ellipse: s-maj=32.1km, s-min=11.7km az=43.4

IDC 01 21:45:15.4, 1.8, 1.37N, 99.58E, h187km, 9km, mb3.1/5, mb1.3/1/6, mb1mx2.9/38, mbtmp3.5/6, MS3.3/2, Ms1.3/3/2, ms1mx2.9/11, Error ellipse: s-maj=90.3km, s-min=16.0km az=60.0

ISC 01 21:45:14.9, 1.3, 1.6N, 0.2x100.1E, 0.3, h166km, n12, c182/9, mb3.5/5, Northern Sumatara

Main table of station data for the ninth section, including stations like PSI Prapat, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCA Pinnacle, PNL Peninsula, YUK7 Dusty Glacier, etc.

ISCJB 01 22:16:31.1±0.2, 53°66'N, 0°03'81.94E, 0.03, h10km, mb3.9/17, Error ellipse: s-maj=3.7km s-min=2.8km az=174.3

Main table for 1d 22h section, listing station codes (NVS, ZALV, ELT, etc.) and their corresponding data points.

Main table for 2011 JAN section, listing station codes (OTUK, PDGK, TKM2, etc.) and their corresponding data points.

Table for IDC 01 21:29:29.7, 1.8, 6°36'S, 129°52'E, h0km, mb3.8/2, mb1 3.9/4, mb1mx3.6/36, mbtmp3.8/4, ML3/7.2, Error ellipse: s-maj=149.9km s-min=28.6km az=70.0, Banda Sea

MAN 01 22:21:22, 19.69N, 121.43E, h1km, mb4.9, ML3.8, MS3.8, Philippine Islands region

MEX 01 22:22:54.9, 0.6, 15°17'N, 93°24'W, h84km, gkm, MD3.7, Near coast of Chiapas

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

IDC 01 22:35:31.5±0.5, 2°92'N, 128.82E, h0km, mb4.3/23, mb1 4.4/26, mb1mx4.2/52, mbtmp4.4/26, ML4.1/3, Error ellipse: s-maj=21.6km s-min=10.9km az=73.0

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

IDC 01 22:35:36.0±0.3, 2°89'N, 0°03'128.99E, 0.04, h44km, mb4.5/40, Error ellipse: s-maj=5.5km s-min=3.9km az=1.9

Main table for IDC section, listing station codes (TNTI, LBMI, SWI, etc.) and their corresponding data points.

Table with columns: PKIN, KKN, DMN, ULN, SONM, SONM, KOLN, HYB, PETK, YAK, YAK, MKAR, RAO, SEY, ZALV, KURC, KURBB, BVAR, GEYT, ABKAR, AKTO, SDPT, ARU, COLD, MCK, COLA, ILAR, ARCES, YKA, YKA, TXAR, TORD, LPAZ. Includes station names, coordinates, and various codes.

SKO 01 22:43:54.8, 41.103N, 22.07E, h21km, M1.2, ML1.5
ISCJB 01 22:43:55.0, 6.41, 07N, 0.04, 22.09E, 0.03, h0km, 8km,
Error ellipse: s-maj=6.2km s-min=4.3km az=7.0
CSEM 01 22:43:55.0, 0.2, 41.08N, 22.10E, h10km, MD3.0, Error
ellipse: s-maj=3.8km s-min=2.9km az=10.0
ATH 01 22:43:56.1, 41.09N, 22.11E, h7km, MD3.0, Error
ellipse: s-maj=3.8km s-min=2.9km az=10.0
ISC 01 22:43:55.9, 1.0, 41.08N, 0.03, 22.09E, 0.02, h12km, 8km,
n30, 0.0538/44, Northwest Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GRV, GRG, VAY, HORT, HORT, HORT, OHR, SOH, SOH, SOH, LIT, LIT, SKO, SKO, SKO, SKO, NEST, NEST, SRS, SRS, PENT, PENT, PLG, PLG, NVR, NVR, THL, THL, OUR, OUR, PAIG, PAIG.

DHMR 01 22:52:14.0, 2.2, 12.01N, 44.00E, h15km, 167km, ML3.6,
IC, Western Arabian Peninsula
Code Station Name Az Az' Phase ID Time Res ISC
ADEN Aden 1.23 51 i P Sg 22 52 37.3 -0.3
ADEN Aden 1.23 51 i S Sg 22 52 54.2 +0.6
ADEN comp=E, 1.0m, 0.5s AML AML 22 52 59.6

MOS 01 22:54:01.6, 2.6, 48.55N, 156.74E, h17km, mb4.2/1, Error
ellipse: s-maj=30.9km s-min=17.1km az=84.6
KRSC 01 22:54:01.6, 1.2, 48.58N, 156.74E, h17km, 19km, ML4.1,
East of Kuril Islands
Code Station Name Az Az' Phase ID Time Res ISC
SKR Severo-Kuril's 1.85 348 e P Sg 22 54 32.9 +0.3
SKR Severo-Kuril's 1.85 348 e S Sg 22 54 56.8 -1.0
SKR Severo-Kuril's 1.85 348 e Pn Sg 22 54 28.7 -3.9

PAU Pauzhetka 2.59 1 e S Sb 22 55 16.6 -2.6
PAU Pauzhetka 2.59 1 e Pn Sb 22 54 44.4 +1.6
ASAK Asacha 3.59 11 e P Pb 22 55 00.9 -3.8
RUS Ruskoyaya 4.73 17 e S Sb 22 55 47.3 -4.7
UGLR Uglorskaia 4.53 16 e P Pb 22 55 13.8 +4.2
AVH Avacha 4.57 15 e P Pb 22 55 14.5 +4.4
AVH Avacha 4.57 15 e Pn Pb 22 55 14.5 +4.4
SMAR Somma 4.58 16 e P Pb 22 55 14.5 +4.4
SMAR Somma 4.58 16 e Pn Pb 22 55 14.5 +4.4
KRX Arik 4.65 14 e P Pb 22 55 15.6 +4.4
SPN Mlysh Shipunski 4.71 25 e P Pb 22 55 16.0 +4.2
SPN Mlysh Shipunski 4.71 25 e Pn Pb 22 55 16.0 +4.2
GNL Ganaly 4.88 8 e P Pb 22 55 19.1 +4.7
GNL Ganaly 4.88 8 e Pn Pb 22 55 19.1 +4.7

ISCJB 01 23:05:26.8, 0.5, 27.00N, 0.07, 143.66E, 0.05, h10km,
mb3.9/19, Error ellipse: s-maj=10.5km s-min=6.9km
az=174.6
IDC 01 23:05:26.6, 0.8, 26.92N, 143.76E, h0km, mb3.7/13,
mb1 3.9/14, mb1mx3.8/51, mbtmp3.7/14, ML4.0/1, Error
ellipse: s-maj=21.3km s-min=14.9km az=125.0
NEIC 01 23:05:28.2, 0.4, 26.95N, 143.73E, h10km, mb4.3/7, Error
ellipse: s-maj=8.7km s-min=8.3km az=83.0

ISC 01 23:05:28.4, 0.6, 26.93N, 0.10, 143.64E, 0.08, h10km, n29,
c1507/31, mb3.9/19, Bonin Islands region
Code Station Name Az Az' Phase ID Time Res ISC
JCJ Chichijima 1.31 278 Pn Pn 23 05 52.8 0.0
JCJ Alice Springs 5.17 191 P S Sg 23 06 08.1 -2.2
JCJ comp=287, slow=20 Sg 23 05 52.8 0.0
CBIJ Chichi jima 1.31 278 Pn Pn 23 06 08.1 -2.2
CBIJ Chichi jima 1.31 278 Pn Pn 23 07 59.6 -1.4
MJAR Matsushiro Arr 10.64 336 Pn Pn 23 08 00.5 -0.5
MAJO Matsushiro 10.64 336 e Pn Pn 23 08 00.5 -0.5
MAT Matsushiro 10.64 336 e S Sg 23 09 49.5 -1.1
MAT Matsushiro 10.64 336 e S Sg 23 10 00.5 +2.0
USRK Ussuriysk Ar. 19.64 334 P 0.2nm, 0.3s, baz=153, slow=13, SNR=4.6
NACB Ninganchao 20.08 267 e P Pn 23 10 02.8 -1.1
SONM Sogino Array 35.74 316 P 0.5nm, 0.6s, baz=107, slow=7.0, SNR=3.6
YAK Yakutsk 36.32 349 e P P 23 12 32.8 +0.6
CMAR Chiang Mai Arr 41.91 268 P 0.3nm, 0.6s, baz=49, slow=7.6, SNR=4.2
CTAO Charters Tower 46.80 177 e P 5.6nm, 1.6s
WRA Warramunga Arr 47.45 192 P 1.6nm, 0.8s, baz=12, slow=8.5, SNR=1.3
ZALV Zalesovo Beam 50.47 319 P 0.4nm, 0.5s, baz=90, slow=4.3, SNR=3.1
ASAR Alice Springs 51.17 191 P 0.2nm, 0.6s, baz=13, slow=8.6, SNR=3.3
MKAR Makanchi Array 51.58 310 P 0.5nm, 0.6s, baz=84, slow=9.3, SNR=6.8
MKAR comp=287, slow=20 P 23 15 49.0 +0.4
ILAR Eielson Array 57.24 29 P 0.9nm, 0.9s, baz=249, slow=6.4, SNR=6.8
EKSR Erkin-Say 57.94 305 e P 1.5nm, 0.6s
INK Inuvik 62.65 25 P 1.0nm, 0.9s, baz=270, slow=8.1, SNR=4.0
DLBC Dease Lake 65.60 35 P 2.2nm, 1.6s
GEYT Alibek 70.68 303 P 0.6nm, 0.7s, baz=46, slow=4.2, SNR=2.4
YKA Yellowknife Arr 71.67 29 P 0.3nm, 0.8s, baz=290, slow=6.0, SNR=4.8
FINES Finess Array B 78.67 324 P 3.3nm, 1.0s, baz=88, slow=3.2, SNR=5.7
NVAR Mina Array Bea 79.60 52 P 0.9nm, 0.8s, baz=298, slow=4.0, SNR=3.2
DUG Dugway Tooele 82.57 49 e P 1.8nm, 0.6s
BW06 Boulder Array 83.42 45 e P 0.4nm, 0.5s
AKASO Malin Array Be 83.52 324 P 0.4nm, 0.5s, baz=50, slow=6.3, SNR=4.0
BRTR Keskin Array B 87.06 313 P 0.6nm, 0.9s, baz=23, slow=9.7, SNR=3.6
TORD Torodi Ar. Bea 125.66 312 PKP 0.3nm, 0.9s, baz=64, slow=3.4, SNR=2.8
LPAZ La Paz 148.71 77 PKPbc PKPbc 1.1nm, 0.5s, baz=305, slow=3.2, SNR=5.1

MEX 01 23:06:28.4, 0.3, 14.07N, 91.61W, h82km, 12km, MD3.8,
Guatemala
Code Station Name Az Az' Phase ID Time Res ISC
PCIG Alice Springs 2.25 316 e P Pb 23 07 02.5 -1.1
PCIG Alice Springs 2.25 316 i S Sg 23 07 28.9 -1.7
CCIG Comitán 2.26 347 e P Sg 23 07 02.5 -1.5
CCIG Comitán 2.26 347 i S Sg 23 07 29.8 -1.5

IDC 01 23:06:56.7, 58.0, 19.12S, 177.24W, h0km, mb4.1/3,
mb1 4.3/3, mb1mx3.7/33, mbtmp4.1/3, Error ellipse:
s-maj=1079.0km s-min=157.4km az=81.0, Fiji Islands

Code Station Name Az Az' Phase ID Time Res ISC
STKA Stephens Creek 39.05 243 P 23 14 25.1 -0.4
WRA Warramunga Arr 45.52 261 P 23 15 18.6 +0.2
ASAR Alice Springs 45.55 251 P 23 15 18.5 -0.2

ISCJB 01 23:13:35.0, 0.5, 23.88N, 0.03, 122.69E, 0.02, h22km, 4km,
Error ellipse: s-maj=4.9km s-min=2.7km az=164.8
JMA 01 23:13:35.0, 0.1, 24.01N, 122.66E, h35km, 4km, M3.0
TAP 01 23:13:36.0, 23.92N, 122.69E, h46km, 1km, ML3.4, C
ISC 01 23:13:36.0, 1.4, 23.93N, 0.04, 122.70E, 0.02, h31km, 14km,
n43, c1903/76, Taiwan region

Code Station Name Az Az' Phase ID Time Res ISC
JYNG Yonagunijimaku 0.57 23 P 23 13 46.5 -1.4
JYNG Yonagunijimaku 0.57 23 S Sg 23 13 53.6 -2.7
YOJ Yonaguni jima 0.60 28 P Sg 23 13 47.2 -1.2
YON Yonaguni jima 0.60 28 S Sg 23 13 54.9 -2.2
ENA Nanau 1.01 300 P S Sg 23 13 54.0 0.0
ENA baz=302 e S Sg 23 14 07.5 +0.3
HATJ Hateruma jima 1.02 82 P S Sg 23 13 54.7 +0.6
HATJ Hateruma jima 1.02 82 S Sg 23 14 11.1 +1.1
HNR Hiramoto-Funau 1.02 66 P S Sg 23 13 54.1 -0.1
IRIF Irif 1.02 66 S Sg 23 14 07.8 +0.3
TWD Chiawan 1.02 279 P S Sg 23 13 53.5 -0.7
TWD baz=279 e S Sg 23 14 06.4 -1.1
TWC Suao 1.03 311 P Pn 23 13 54.5 +0.1
TWC baz=313 S Sg 23 14 08.0 +0.2
ESL Shilin 1.17 265 e P Sg 23 13 56.1 -0.1
ESL baz=256 e S Sg 23 14 09.9 -1.2
TWE Neicheng 1.23 310 e P Sg 23 13 57.4 +0.4
TWE baz=312 e S Sg 23 14 14.3 +0.2
JKRS Kuro-shima 1.23 75 P S Sg 23 13 57.9 +0.8
JKRS Kuro-shima 1.23 75 S Sg 23 14 14.9 +0.7
ENT Nioudou 1.26 305 e P Sg 23 13 57.8 +0.3
TWB1 Santiao Chiao 1.26 329 P Sg 23 13 57.4 0.0
NNS Nan Shan 1.32 293 e P Sg 23 13 58.0 -0.3
EHY Hungye 1.33 252 e P Sg 23 13 57.9 -0.6

EHY baz=250 e S Sg 23 14 14.4 -0.8
JUJ Ishigaki jima 1.39 71 P Sg 23 13 59.4 +0.2
TWF Yuli 1.41 246 e P Sg 23 13 59.1 -0.4
TWF baz=244 e S Sg 23 14 16.4 -0.7
NWF Wu-fen Shan 1.42 324 e P Pn 23 14 00.0 +0.3
NWF baz=326 e S Sg 23 14 17.8 +0.5
TSK Tachien 1.43 283 e P Sg 23 14 00.4 +0.4
NSK Sangungu 1.44 302 P Pn 23 14 00.2 +0.3
NSK baz=304 e S Sg 23 14 20.9 +0.8
WDT Danda 1.45 264 i P Pn 23 14 00.1 -0.3
WDT baz=261 e S Sg 23 14 17.4 -1.0
TWA Mucha 1.46 316 e P Sg 23 14 01.8 -0.8
TWA baz=332 e S Sg 23 14 19.5 +1.1
CHKT Chengkung 1.48 236 e P Pn 23 13 60.0 -0.5
CHKT baz=226 e S Sg 23 14 16.2 -2.5
JISG Ishigakijima 1.61 66 P S Sg 23 14 02.5 +0.3
JISG Pinlang 1.65 269 e P Sg 23 14 02.1 +0.2
SMLT Sun Moon Lake 1.65 269 e S Sg 23 14 22.8 -0.4
SMLT baz=259 e S Sg 23 14 22.8 -0.4
TWS1 Kuangyinshan 1.65 315 e P Pn 23 14 04.0 +1.1
YUS Yu-Shan 1.66 255 e P Sg 23 14 03.5 0.0
YUS baz=252 e S Sg 23 14 22.9 -1.1
TYC Yuchr 1.69 270 e P Pn 23 14 03.8 +0.4
TYC baz=267 e S Sg 23 14 25.0 +1.0
NSTT Nanjiang 1.70 295 e P Sg 23 14 04.4 +0.9
ELDTW Lidau 1.71 245 e P Sg 23 14 03.2 -0.5
ELDTW baz=242 e S Sg 23 14 22.9 -1.7
ALS Alishan 1.79 257 e P Pn 23 14 05.6 +0.6
ALS baz=254 e S Sg 23 14 26.0 -0.8
TWQ1 Piutang 1.81 284 e P Pn 23 14 06.4 +1.3
TWQ2 Pingling 1.86 234 e P Sg 23 14 04.8 -0.9
TWG Wuyang 1.86 234 e S Sg 23 14 26.8 -1.4
TCU Taichung 1.87 277 e P Pn 23 14 07.3 +1.6
CHN5 Tsauling 1.88 260 e P Sg 23 14 07.3 +1.2
CHN5 baz=250 e S Sg 23 14 29.9 +1.0
STYT Tauyuan 1.94 247 e P Pn 23 14 07.3 +0.4
STYT baz=238 e S Sg 23 14 30.0 -0.2
JTJ Tarama 1.96 68 P Pn 23 14 08.3 +1.3
CHN4 Tsauhsan 2.02 254 e P Pn 23 14 09.1 +1.2
CHN4 baz=251 e S Sg 23 14 33.4 +1.3
SGST Jiashan 2.12 247 e P Sg 23 14 11.6 +2.3
SGST baz=237 e S Sg 23 14 35.0 +0.4
CHN1 Nanshi 2.13 250 e P Pn 23 14 10.3 +0.9
CHN1 baz=256 e S Sg 23 14 37.2 +2.4
TWK Hsiungling 2.13 253 e P Pn 23 14 11.2 +1.6
TWK baz=249 e S Sg 23 14 36.1 +1.1
SSD Sakdamen 2.24 239 e P Sg 23 14 12.0 +1.1
EAST Anshuo 2.30 228 P Pn 23 14 11.3 -0.4
EAST baz=233 e S Sg 23 14 38.5 -0.5
SCZT Fanguiau 2.46 322 e P Pn 23 14 13.9 -0.1
SCZT baz=225 e S Sg 23 14 41.9 -1.2

MEX 01 23:16:17.5, 0.3, 17.25N, 94.64W, h122km, 8km, MD3.9,
Chiapas
Code Station Name Az Az' Phase ID Time Res ISC
TUIG Tuzandepetl 0.81 15 i P Pn 23 16 36.7 -1.2
TUIG Tuzandepetl 0.81 15 e S Sg 23 16 51.5 -1.9
VHO Vista Hermosa 2.01 265 i P Pn 23 16 50.2 -1.2
VHO Vista Hermosa 2.01 265 e S Sg 23 17 15.3 -2.0
PCIG Comitán 2.05 138 i P Pn 23 16 50.6 -1.1
PCIG Comitán 2.05 138 e S Sg 23 17 16.0 -1.8
CCIG Comitán 2.58 111 e P Sg 23 16 57.3 -1.4
CCIG Comitán 2.58 111 e S Sg 23 17 00.6 -1.4
TPIG Tehuacfan 2.84 295 i P Sg 23 17 34.3 -2.0
TPIG Tehuacfan 2.84 295 i S Sg 23 17 34.3 -2.0

IDC 01 23:22:42.6, 0.8, 19.60S, 168.19E, h0km, mb4.2/12,
mb1 4.5/13, mb1mx4.3/34, mbtmp4.3/13, ML4.2/1, MS3.8/5,
Ms1 3.8/5, ms1mx3.4/37, Error ellipse: s-maj=28.8km
s-min=18.1km az=152.0

ISCJB 01 23:22:44.0, 0.5, 19.70S, 0.07, 168.14E, 0.09, h26km,
mb4.3/12, MS3.9/3, Error ellipse: s-maj=13.3km
s-min=8.2km az=37.1
NEIC 01 23:22:44.0, 0.4, 19.59S, 168.18E, h10km, mb4.4/5, Error
ellipse: s-maj=12.5km s-min=8.7km az=148.0

ISC 01 23:22:46.3, 0.6, 19.75S, 0.1, 168.2E, 0.1, h26km, n36,
c080/32, mb4.3/12, MS4.0/3, 3C-1D, Vanuatu Islands

Code Station Name Az Az' Phase ID Time Res ISC
DZM Mont Dumac 2.84 215 e P Sg 23 23 29.6 -0.5
DZM 35nm, 0.3s, baz=180, slow=19, SNR=2.9 S Sg 23 24 02.0 -1.6
DZM 78nm, 0.3s, baz=0.0, slow=23, SNR=9.8 LR LR 23 24 41.8
DZM comp=Z, 2.0m, 21.2s, baz=203, slow=40 LR LR 23 30 18.8
HNR Honiara 12.99 321 LR LR 23 26 39.8 +0.3
EIDS Eidsvold 17.77 247 e P Sg 23 27 19.5 +0.6
URZ Urewera 20.01 159 P Pn 23 27 19.5 +0.6
URZ 5.7nm, 0.8s, baz=7.7, slow=2.1, SNR=4.1 LR LR 23 34 36.0
URZ comp=Z, 158nm, 18.7s, baz=19, slow=35 LR LR 23 27 20.0 +1.1
AFI Afiamalu 20.02 76 LR LR 23 33 45.5
CTA Charters Tower 20.64 265 P 23 27 24.1 0.0
CTA 5.7nm, 0.9s, baz=86, slow=14, SNR=2.4 P Pn 23 27 24.1 0.0
PMG Port Moresby 22.78 294 P Pn 23 27 46.6 -0.4
PMG Port Moresby 22.78 294 e P Pn 23 27 45.8 -1.2
STKA Stephens Creek 26.75 238 P 23 28 25.0 +1.1
STKA 8.4nm, 1.0s, baz=48, slow=8, SNR=9.7 P Pn 23 28 08.6 -0.5
WRA Warramunga Arr 31.82 264 P 4.4nm, 0.8s, baz=93, slow=8.9, SNR=2.4 P 23 32 00.2 +0.3
ASAR 0.5nm, 0.9s, baz=94, slow=3.6, SNR=3.4 P 23 29 11.3 +0.1
ASAR 17nm, 0.9s, baz=85, slow=8.0, SNR=7.2 P 23 29 11.3 +0.1

Table with columns: BRTR, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy. Includes stations like Keskin Array B, Warramunga Arr, Malin Array B, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy. Includes stations like ES19, MVO, POLO, MTE, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Accuracy, Elevation Accuracy. Includes stations like TWF1, WNT, WNT, etc.

Technical notes and parameters: IDC 01 23:35:21.6:0.4, 19:36S:167:89E, h0km, mb4.8/34, mb1 4.9/35, mb1mx4.8/50, mbtmp4.8/35, ML4.6/1, MS4.1/20, etc.

2d 2h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, ILAR Eielson Array, PDAR Pinedale Array, AKASA Matin Array Br, BRTR Keskin Array B.

ISCJB 02 01:11:12.4:0.5, 26.98N:0.06:143.67E:0.06, h10km, mb4.0/18, Error ellipse: s-maj=9.1km s-min=7.2km az=7.4

NEIC 02 01:11:14.0:0.4, 26.95N:143.63E, h10km, mb4.2/7, Error ellipse: s-maj=11.0km s-min=7.9km az=81.0

ISC 02 01:11:14.0:0.6, 26.93N:0.08:143.64E:0.08, h10km, n29, r1515/29, mb4.1/18, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBJJ Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, GUMO Guam, JOW Kumigami, SULL Suwangling, SONM Songoing Array, PMG Port Moresby, TLY Talaya, CHTO Chiang Mai, IPM Ipoth, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, INK Inuvik, ARU Aru, ABKAR Abkulak array, YKA Yellowknife Arr, FINES FINESS Array B, HVU Hansel Valley, RLMT Red Lodge, PDAR Pinedale Array, RAYN Ar Rayn, TORD Torodi Arr, LPAZ La Paz.

ISC 02 01:13:42.8:3.1, 30.53S:178.54W, h0km, mb3.5/2, mb1.3/8/3, mb1mx3.6/3, mbtm3.6/3, ML3.5/1, Error ellipse: s-maj=70.0km s-min=65.6km az=111.0, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, FINES FINESS Array B.

ISC 02 01:38:11.2:2.8, 26.16N:141.12E, h0km, mb3.8/3, mb1.3/9/4, mb1mx3.4/4, mbtm3.7/4, ML3.5/1, MS2.9/1, Ms1.2/9/1, ms1mx2.4/4, Error ellipse: s-maj=133.5km s-min=28.8km az=81.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, JOW Kumigami, WRA Warramunga Arr, KURBB Kurchatov Arr, FINES FINESS Array B.

MEX 02 01:39:09.7:0.4, 14.15N:92.36W, h14km, 69km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG Comitan, CCGIG Comitan.

ISC 02 01:47:21.5:1.7, 26.96N:143.95E, h0km, mb3.7/7, mb1.3/8/8, mb1mx3.5/8, mbtm3.7/8, ML3.7/1, Error ellipse: s-maj=51.1km s-min=19.3km az=72.0

ISCJB 02 01:47:22.1:1.2, 27.24N:143.77E:0.08, h10km, mb3.8/7, Error ellipse: s-maj=14.1km s-min=7.1km az=143.5

JMA 02 01:47:25.3:2.7:24N:143.70E, h39km

ISC 02 01:47:23.8:1.3, 27.09N:0.09:143.7E:0.1, h10km, n14, r1545/16, mb3.7/7, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBJJ Chichijima, CJJ Chichijima, JHHJ Haha-jima-NKT, JHU Hanno, JRY Ryogami san, JHO Hitachi, MJAR Matsushiro Arr, SONM Songoing Array, WRA Warramunga Arr.

2011 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, MKAR Alice Springs, ASAR Makanchi Array, KURBB Kurchatov Arr, BVAR Borovoye Array.

MEX 02 01:55:02.3:0.3, 17.59N:101.43W, h46km, 3km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZIIG Zihuatanejo, ZIIG Puente Sto Nin, ARIG El Cayaco, CAIG, MMIG Aquila, PLOG Pitallano, PLIG Tlapa, TLIG.

ISC 02 02:08:07.7:0.9, 19.30S:168.28E, h0km, mb4.2/13, mb1.4/4/14, mb1mx4.2/31, mbtm4.2/14, ML4.2/1, MS3.6/8, Ms1.3/6/8, ms1mx3.3/33, Error ellipse: s-maj=23.5km s-min=20.6km az=151.0

NEIC 02 02:08:09.1:0.6, 19.34S:168.32E, h10km, mb4.6/12, Error ellipse: s-maj=12.4km s-min=11.6km az=128.0

ISCJB 02 02:08:10.9:0.6, 19.45S:0.07:168.27E:0.10, h33km, mb4.3/20, MS3.5/8, Error ellipse: s-maj=13.4km s-min=11.8km az=19.5

ISC 02 02:08:11.8:0.8, 19.55S:0.1:168.4E:0.1, h35km, n38, r1501/34, mb4.4/20, MS3.5/8, 2C-2D, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dumac, DZM Urewera, URZ, URZ Urewera, CTA Charaters Tower, PMG Port Moresby, PMG Port Moresby, CMG Canberra, COEN Coen, STKA Stephens Creek, STKA, WRAB Tennant Creek, WRA Warramunga Arr, WRA, ASAR Alice Springs, ASAR, FAKI Fak Fak, FITZ Fitzroy Crossi, FITZ, SIJ Sorong, SOEI Soe, KAPI Kappang, KAPI Kappang, VANDA Vanda, CMAR Chiang Mai Arr, CHTO Chiang Mai, ULN Ulanbatar, SONM Songoing Array, BILL Billinon, SNAA Sanae, VNA3 Neumayer Olymp, NVAR Mina Arra Bay, NVAR, VNA2 Neumayer-Watz, ILAR Eielson Array, ILAR, YKA, GERES GERES Array B, MOKA Mokin, MOKA Soboth, MOTA Moosalm, FETA Feichten, TUE Stuetta, TOR Torodi Arr, TOR, TOR.

ISC 02 02:16:30.8:1.4, 39.1N:0.1:42.00E:0.06, h16km, 20km, Error ellipse: s-maj=23.6km s-min=7.2km az=172.4

DDA 02 02:16:31.2:39.30N:41.96E: h20km, Md2.7

ISC 02 02:16:30.5:1.3, 39.2N:0.2:41.97E:0.06, h19km, 3km, n4, r089/8, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EKAR Karacaban, EKAR, TUTA Tutak, ECAT Cat-ERZURUM, BNGB Bing'li, BNGB.

MAN 02 02:35:05, 17.94N:120.53E, h49km, mb4.0, ML2.8, MS2.5, 1C, Luzon

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

ISCJB 02 02:43:42.0:1.6, 33.95S:173.16W, h0km, mb3.9/3, mb1.4/0/5, mb1mx3.8/19, mbtm3.8/5, ML4.0/2, Error ellipse: s-maj=50.8km s-min=30.3km az=62.0

ISCJB 02 02:43:42.9:1.3, 34.03S:0.06:173.31W:0.06, h18km, 10km, mb3.9/3, Error ellipse: s-maj=9.4km s-min=8.1km az=180.0

GUC 02 02:43:43.8:0.5, 33.99S:173.26W, h27km, 2km, ML3.7

ISC 02 02:43:43.2:2.3, 34.08S:0.08:173.19W:0.08, h10km, 13km, n21, r1528/29, mb3.9/3, 1C-4D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHPI Pichilemu, LNP Longivolo, LNV, NICH Los Niches, NICH, RCDM Rinconada Maip, RCDM, CHCH Chadas Angosto, CHCH, ROCI El Roble, ROCI, ANTU Antumapu, PEL Peledhue, PEL, CLCH Cerro Calan, CLCH, CLCH, AUSP Usupalla, AUSP, ASAL Salagasta, RTLS Leoncito, RTLV Cerro Valdivia.

46

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ABRA Pasuquim, PIP, APYP Conner, CVP Callao Caves, CVP, SGGP Mt. Cagua, CAUP Cauayan.

MEX 02 02:23:09.1:0.4, 14.14N:92.63W, h13km, 36km, MD3.5, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG Comitan, CCGIG Comitan.

CSEM 02 02:24:41.9:0.2, 39.96N:38.40E, h2km, MD2.6, Error ellipse: s-maj=4.0km s-min=3.0km az=168.0

DDA 02 02:24:41.6, 39.91N:38.41E, h7km, Md2.6

ISK 02 02:24:41.2, 39.98N:38.36E, h5km, MD2.7

ISC 02 02:24:41.1, 39.96N:0.02:38.38E:0.02, h10km, 10km, n29, r0848/47, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SUSE Susehri, SUSE, SUSE Susehri, CUZAR Zera_SIVAS, CUZAR Zera_SIVAS, ILIC ilic-Erzincan, ILIC ilic-Erzincan, REFA Refahiye_ERZ, REFA, KELT Kelkit, KELT, KELT Kelkit, EZC Erzincan, CUKAN kangal_SIVAS, CUKAN kangal_SIVAS, SCER sogukcermik, SCER sogukcermik, SCER, GUMT Gumushane, GUMT, ESPY Espiye-Giresun, ESPY Espiye-Giresun, ESPY Espiye-Giresun, EUZM Uzumlu, EUZM Uzumlu, SVSK Karacayir, SVSK Karacayir, TRNCL Tuncel-Merkez, TRNCL Tuncel-Merkez, TNCL Tuncel-Merkez, TNCL, PTK Pertek, PTK Pertek, MACK Trabzon, MACK Trabzon, MACK.

ISC 02 02:25:17.5:2.0, 18.96S:173.50W, h0km, mb3.8/6, mb1.4/6/6, mb1mx3.8/32, mbtm3.6/3, ML3.5/1, Error ellipse: s-maj=86.5km s-min=24.3km az=150.0

ISCJB 02 02:25:19.1:2.1, 18.4S:0.2:173.7W:0.2, h31km, mb4.1/7, Error ellipse: s-maj=37.7km s-min=10.4km az=38.9

NEIC 02 02:25:24.1:1.2, 18.44S:173.67W, h35km, mb4.2/1, Error ellipse: s-maj=38.0km s-min=11.3km az=130.0

ISC 02 02:25:22.6:1.4, 18.6S:0.2:173.6W:0.2, h31km, n13, r1537/13, mb3.7/7, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI Afiamalu, CTA Charters Tower, CTAO Charters Tower, COEN Coen, WRA Warramunga Arr, ASAR Alice Springs, PDAR Pinedale Array, ILAR Eielson Array, YKA Yellowknife Arr, BRTR Keskin Array B, GERES GERES Array B.

ISC 02 02:43:42.0:1.6, 33.95S:173.16W, h0km, mb3.9/3, mb1.4/0/5, mb1mx3.8/19, mbtm3.8/5, ML4.0/2, Error ellipse: s-maj=50.8km s-min=30.3km az=62.0

ISCJB 02 02:43:42.9:1.3, 34.03S:0.06:173.31W:0.06, h18km, 10km, mb3.9/3, Error ellipse: s-maj=9.4km s-min=8.1km az=180.0

GUC 02 02:43:43.8:0.5, 33.99S:173.26W, h27km, 2km, ML3.7

ISC 02 02:43:43.2:2.3, 34.08S:0.08:173.19W:0.08, h10km, 13km, n21, r1528/29, mb3.9/3, 1C-4D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHPI Pichilemu, LNP Longivolo, LNV, NICH Los Niches, NICH, RCDM Rinconada Maip, RCDM, CHCH Chadas Angosto, CHCH, ROCI El Roble, ROCI, ANTU Antumapu, PEL Peledhue, PEL, CLCH Cerro Calan, CLCH, CLCH, AUSP Usupalla, AUSP, ASAL Salagasta, RTLS Leoncito, RTLV Cerro Valdivia.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like SWSC, GLA, SPX, MONP2, CBX, etc.

MEX 02:03:24:12.0±0.4, 14:56N:92:56W, h60km, 16km, MD3.5, Near coast of Chiapas

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

ISK 02:03:25:32.7, 37.74N:27.88E, h18km, MD2.5
ISCJB 02:03:25:33.7, 0.6, 37.75N:0.03:27.83E, 0.07, h21km, 6km, Error ellipse: s-maj=9.8km s-min=4.4km az=178.5
CSEM 02:03:25:33.4, 0.1, 37.75N:27.85E, h20km, MD2.6, Error ellipse: s-maj=4.5km s-min=2.2km az=90.0
DDA 02:03:25:33.4, 0.7, 37.72N:27.86E, h23km, MD2.6
ISC 02:03:25:33.4, 0.9, 37.75N:0.03:27.86E, 0.05, h23km, 6km, n22, c079/35, Turkey

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

IDC 02:03:26:29.7, 0.7, 27.27N:143.45E, h0km, mb3.9/16, mb1.4/18, mb1mx3.9/55, mbtmp3.9/18, ML3.6/2, Error ellipse: s-maj=18.7km s-min=16.2km az=140.0
ISCJB 02:03:26:31.2, 0.6, 27.58N:0.05:143.31E, 0.06, h10km, mb4.0/21, Error ellipse: s-maj=9.0km s-min=4.9km az=35.9
NEIC 02:03:26:31.4, 0.4, 27.30N:143.41E, h10km, mb4.4/5, Error ellipse: s-maj=9.7km s-min=8.6km az=84.0
JMA 02:03:26:32.7, 0.2, 27.43N:143.42E, h51km, M4.1
ISC 02:03:26:31.8, 0.7, 27.41N:0.07:143.35E, 0.07, h10km, n35, c113/40, mb4.0/21, Bonin Islands region

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

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

ISK 02:03:30:00.3, 38.93N:38.12E, h10km, MD2.5
ISCJB 02:03:30:01.4, 0.6, 39.01N:0.04:38.03E, 0.05, h9km, Error ellipse: s-maj=6.5km s-min=4.7km az=39.9
CSEM 02:03:30:01.2, 0.3, 38.98N:4.78E, h5km, MD2.5, Error ellipse: s-maj=7.8km s-min=6.9km az=162.0
DDA 02:03:30:02.0, 39.02N:38.09E, h7km, MD2.6
ISC 02:03:30:09.0, 9.38:95N:0.04:38.11E, 0.03, h9km, n14, c041/22, Turkey

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

IDC 02:03:36:11.4, 6.1, 19:97S:178.13E, h0km, mb3.4/2, mb1.3/7.2, mb1mx3.5/26, mbtmp3.4/2, MS3.7/2, Ms1.3/7.2, ms1mx3.1/16, Error ellipse: s-maj=296.3km s-min=96.9km az=157.0, South of Fiji Islands

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

IDC 02:03:36:15.0, 5.0, 4.36:16N:68:96E, h0km, mb4.7/38, mb1.4/8.44, mb1mx4.8/49, mbtmp4.7/44, ML4.6/6, MS4.0/21, Ms1.4/0.21, ms1mx3.8/50, Error ellipse: s-maj=9.3km s-min=8.0km az=179.0

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

ISCJB 02:03:36:13.2, 0.8, 36:27N:0.02:69.03E, 0.02, h23km, 5km, mb4.9/133, MS4.2/33, Error ellipse: s-maj=2.9km s-min=2.2km az=23.2
MOS 02:03:36:15.1, 1.0, 36:27N:68:96E, h41km, mb5.0/54, MS4.0/14, Error ellipse: s-maj=6.1km s-min=4.8km az=106.7
NEIC 02:03:36:15.2, 1.6, 36:19N:68:97E, h28km, 11km, mb5.0/50, Error ellipse: s-maj=4.4km s-min=3.5km az=189.0
GCMT 02:03:36:15.2, 0.5, 36:35N:68:89E, h29km, 1km, MW4.8/60, Moment Tensor Solution. s29,c35; s60,c93; Duration: 0 Moment tensor: Scale 10^18Nm; Mr1.98±.20; Mw0.14±.12; Mw2.21±.12; Mw0.33±.23; Mw0.05±.09; Mw0.43±.15; Best double couple: Mw2.11800±.1015; NPls=350.00000; S2=000000; A=78.00000; NPl2: e=188.00000; s40.00000; t1.04.00000; Principal axes: T 2.0780, Plg7.00000; Azm211.00000; N 0.0850, Plg9.00000; Azm357.00000; P -2.1580, Plg6.00000; Azm88.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BUI 02:03:36:17.2, 36:43N:69:07E, h44km, mb4.8/49, mb5.0/36, ML5.2/2, Ms4.6/42, Ms7.4/39
NMC 02:03:36:19.4, 2.5, 36:56N:68:66E, h128km, 31km, mb4.6, mpv5.0, Error ellipse: s-maj=18.1km s-min=14.6km az=31.0

ISC 02:03:36:15.3, 0.7, 36:27N:0.03:68.90E, 0.03, h29km, 4km, n35, c116/1516, mb5.0/143, MS4.2/33, 40:25N, Hindu Kur region

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like EKS2, KZA, AAK, etc.

2011 JAN

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like 2d 3h, BOD, STHS, FINES, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like HOMB, HOPEN, BJO, YAK, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BKBI, DAV, MPST, PTOM, etc.

Table with columns for call sign, location, frequency, power, and other technical details. Includes stations like URLA Izmir, SAQR Saqarra, and various international and local frequencies.

Table with columns: VORD, comp, pmax, pmax, and various station codes like VOR, DPC, DPC, etc. Includes station names like Dobruska-Polom, Storozhevoye, etc.

Table with columns: ARCES, ARCESS, KMB, AAK, KURBB, KURK, KURK, KURK, etc. Includes station names like Kiliima Mbogo, Kurchatov, etc.

Table with columns: SHO, SHIKOTAN, NEM2, JRA, JNK, JAK, etc. Includes station names like Shikotan, Nemuro, Rausu, etc.

ISCB 02 05:05:18.9, 0.17, 173.0:10:74:36W, 0.09, h33km, mb4.3/7, Error ellipse: s-maj=15.1km s-min=10.5km

ISC 02 05:05:27.0:3.3, 17:155:74:07W, h83km, 20km, mb3.8/6, mb1 3.9/8, mb1mx3.5/37, mbtmp4.2/8, Error ellipse: s-maj=24.2km s-min=21.0km az=79.0

ISC 02 05:05:20.9:1.1, 177.1:5.0:1:74:38W, 0.1, h35km, n10, 1952/10, mb4.2/7, Off coast of Peru

ISC 02 05:05:38.8:1.3, 82:69N:5:66W, h0km, mb3.3/4, mb1 3.7/7, mb1mx3.3/43, mbtmp3.5/7, ML3.4/3, MS2.7/1, M1 2.7/1, m1mx2.4/33, Error ellipse: s-maj=48.5km s-min=21.6km az=42.0

ISC 02 05:05:39.5:1.0, 82:44N:0:1:6:06W, 0.10, h10km, n9, 2873/9, mb3.5/4, North of Svalbard

ISC 02 05:14:54.4:1.3, 44:62N:149:66E, h0km, mb3.8/8, mb1 3.9/9, mb1mx3.5/48, mbtmp3.8/9, ML1.9/1, Error ellipse: s-maj=35.2km s-min=31.1km az=45.0

ISC 02 05:14:57.4:0.7, 44:43N:0:07:149:84E:0:0, h83km, mb3.6/8, Error ellipse: s-maj=11.4km s-min=6.6km az=150.7

SKHL 02 05:14:59.8:0.2, 44:42N:149:83E, h63km, 1km, mb4.7/2, MOS 02 05:15:01.9:1.0, 44:54N:149:45E, h73km, mb4.0/4, Error ellipse: s-maj=27.7km s-min=17.1km az=132.9

ISC 02 05:14:59.0:1.0, 44:45N:0:07:149:82E:0:09, h34km, n36, 1524/36, mb3.7/8, IZ, Kuril Islands

ISC 02 05:30:26.6:1.0, 31:05S:176:59W, h0km, mb3.9/6, mb1 4.2/9, mb1mx4.1/21, mbtmp4.0/9, ML4.3/3, MS3.0/1, M1 3.0/1, m1mx2.5/27, Error ellipse: s-maj=30.6km s-min=20.9km az=137.0

ISC 02 05:30:29.6:0.8, 31:02S:0:04:176:8W:0:1, h33km, mb3.6/8, Error ellipse: s-maj=14.5km s-min=5.3km az=12.2

ISC 02 05:30:31.6:0.9, 30:33S:0:07:176:3W:0:1, h35km, n20, 1563/21, mb4.0/5, Kermadec Islands region

ISC 02 05:23:25.1:0.7, 26:80N:144:06E, h0km, mb3.9/14, mb1 4.1/17, mb1mx3.9/43, mbtmp3.8/17, ML3.0/3, Error ellipse: s-maj=19.7km s-min=16.7km az=71.0

NEIC 02 05:23:26.6:0.4, 26:84N:144:03E, h10km, mb4.3/2, Error ellipse: s-maj=10.8km s-min=9.2km az=220.0

JMA 02 05:23:32.0:0.4, 27:53N:143:58E, h14km, M3.9, ISC 02 05:23:27.0:0.7, 26:92N:0:09:143:93E:0:06, h10km, n30, 4095/34, mb3.9/17, Bonin Islands region

ISC 02 05:23:26.6:1.0, 31:05S:176:59W, h0km, mb3.9/6, mb1 4.2/9, mb1mx4.1/21, mbtmp4.0/9, ML4.3/3, MS3.0/1, M1 3.0/1, m1mx2.5/27, Error ellipse: s-maj=30.6km s-min=20.9km az=137.0

ISC 02 05:30:29.6:0.8, 31:02S:0:04:176:8W:0:1, h33km, mb3.6/8, Error ellipse: s-maj=14.5km s-min=5.3km az=12.2

ISC 02 05:30:31.6:0.9, 30:33S:0:07:176:3W:0:1, h35km, n20, 1563/21, mb4.0/5, Kermadec Islands region

ISC 02 05:30:26.6:1.0, 31:05S:176:59W, h0km, mb3.9/6, mb1 4.2/9, mb1mx4.1/21, mbtmp4.0/9, ML4.3/3, MS3.0/1, M1 3.0/1, m1mx2.5/27, Error ellipse: s-maj=30.6km s-min=20.9km az=137.0

ISC 02 05:30:29.6:0.8, 31:02S:0:04:176:8W:0:1, h33km, mb3.6/8, Error ellipse: s-maj=14.5km s-min=5.3km az=12.2

ISC 02 05:30:31.6:0.9, 30:33S:0:07:176:3W:0:1, h35km, n20, 1563/21, mb4.0/5, Kermadec Islands region

ISC 02 05:30:26.6:1.0, 31:05S:176:59W, h0km, mb3.9/6, mb1 4.2/9, mb1mx4.1/21, mbtmp4.0/9, ML4.3/3, MS3.0/1, M1 3.0/1, m1mx2.5/27, Error ellipse: s-maj=30.6km s-min=20.9km az=137.0

ISC 02 05:30:29.6:0.8, 31:02S:0:04:176:8W:0:1, h33km, mb3.6/8, Error ellipse: s-maj=14.5km s-min=5.3km az=12.2

ISC 02 05:30:31.6:0.9, 30:33S:0:07:176:3W:0:1, h35km, n20, 1563/21, mb4.0/5, Kermadec Islands region

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHKZ Chkalovo, RAMN Ramite, TAPN Tapejung, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZAK ZAK, BR231 Keskin MP Arra, TLY Talaya, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK Yakutsk, MEM Membach, KSAR Keskin MP Arra, etc.

Technical notes and codes at the bottom of the page, including 'IDC 02 06:37:38.6i,0.2,7:03N:143:68E,h0km,mb3.8/14, mb1 4.0/15,mb1mx3.9/38,mbtm3.8/15,ML4.1/1,Error ellipse: s-maj=21.3km s-min=18.7km az=149.0' and 'NEIC 02 06:37:40.4i,0.2,7:08N:143:67E,h10km,mb4.1/3,Error ellipse: s-maj=10.2km s-min=9.3km az=77.0'.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BSO4, JOD2, JHU, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PLP, CTBH, BUKP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include CAW, TMWZ, JHU, etc.

ISK 02 06:37:43.8, 37:21N, 30:51E, h7km, MD2.9

DDA 02 06:37:43.8, 37:18N, 30:54E, h7km, MD3.1

ISCBJ 02 06:37:44.0, 37:20N, 0:03, 30:50E, 0.04, h4km, 5km, Error ellipse: s-maj=5.9km s-min=3.7km az=34.2

CSEM 02 06:37:44.1, 37:21N, 30:50E, h2km, MD3.1, Error ellipse: s-maj=3.9km s-min=2.9km az=134.0

ISC 02 06:37:44.0, 37:17N, 0:02, 30:54E, 0.03, h9km, 8km, n41, c050/54, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KORT, KORKU, ANBTA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include RAHZ, AROPA, PNHZ, etc.

NIED 02 07:04:00, 27:30N, 143:70E, h8km, Mw4.4 Best double couple: M0.4, 08000, 1015, N1.9, 336, 00000, 322, 00000, 7, 8, 00000, N1.9, 336, 00000, 322, 00000, 7, 8, 00000

BJJ 02 07:04:43.8, 26:74N, 144:03E, h5km, mb4.6/36, mb5.0/30, Ms4.6/18, Ms7.4/15

IDC 02 07:04:47.8, 0.5, 27:04N, 143:73E, h0km, mb4.3/24, mb1.4/5.28, mb1mx4.3/5.5, mbmp4.3/28, ML3.5/4, MS3.2/12, Ms1.3/12, ms1mx3.1/5.6, Error ellipse: s-maj=15.3km s-min=14.3km az=171.0

ISCBJ 02 07:04:48.9, 0.3, 27:25N, 0:04, 143:68E, 0:03, h10km, mb4.6/100, MS3.6/11, Error ellipse: s-maj=6.2km s-min=3.5km az=163.7

MOS 02 07:04:48.2, 0.9, 27:04N, 143:74E, h15km, mb4.7/42, Error ellipse: s-maj=13.5km s-min=10.5km az=107.9

JAG 02 07:04:49.0, 0.2, 27:01N, 143:67E, h10km, mb4.9/33, Error ellipse: s-maj=6.4km s-min=5.2km az=184.0

JMA 02 07:04:49.0, 0.4, 27:29N, 143:74E, h3km, M4.6

ISC 02 07:04:49.1, 0.5, 27:02N, 0:06, 143:71E, 0:04, h10km, m179, c121/173, mb4.7/101, MS3.5/11, 11C-2D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include CBJJ, JHHJ, JOD2, etc.

IDC 02 06:38:13.7, 1.1, 9:38N, 122:52E, h0km, mb3.6/5, mb1.3/8.5, mb1mx3.8/38, mb1mx3.6/5, Error ellipse: s-maj=41.2km s-min=22.1km az=69.0

MAN 02 06:38:19, 10:27N, 122:55E, h52km, mb4.9, ML3.9, MS4.0

MAN INTENSITY III - ILOILO CITY GUIMARAS; INTENSITY I - BINALBAGAN NEGROS OCCIDENTAL

ISCBJ 02 06:38:20.0, 4.0, 10:18N, 0:04, 122:57E, 0:06, h51km, 11km, mb3.5/5, Error ellipse: s-maj=10.0km s-min=6.4km az=153.9

ISC 02 06:38:21.1, 1.2, 10:17N, 0:05, 122:51E, 0:06, h48km, 15km, n15, c1577/21, mb3.5/5, 3C-4D, Panay

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JAP, RCP, TBP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PLP, CTBH, BUKP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include CAW, TMWZ, JHU, etc.

ISC 02 08:15:41.6:0.7, 27.14N:08.143:66E.0:06, h10km, n24, c139/27, mb3.6/12, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Chichijima, Haha-jima-NKT, Odawara 2, Hanno, Ryogami san, etc.

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

ISCJ 02 08:36:48.8:0.4, 41.36S:0:03:175:35E:0:04, h45km, 4km, mb3.1/2, Error ellipse: s-maj=6.4km s-min=3.2km az=135.7

NEIC 02 08:36:50.3:0.1, 22S:175:24E, h29km, ML3.8(WEL), After WEL

NEIC Felt at South Wairarapa and Wellington. WEL 02 08:36:50.3:0.0, 41.22S:175:24E, h29km, ML3.8/39, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0, intensity MM 5.

WEL Felt between Wellington, Marlborough and Wairarapa. maximum reported. IDC 02 08:36:52.4:5.1, 39:20S:174:73E, h0km, mb3.3/2, mb1.3/6/2, mb1mx3.5/21, mbtm3.3/2, Error ellipse: s-maj=300.4km s-min=47.5km az=30.0

ISC 02 08:36:49.8:0.9, 41.24S:0:03:175:25E:0:03, h33km, 5km, n85, c136/9/1, 10C-7D, North Island

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

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

IDC 02 08:16:22.4:1.0, 60:29S:35:09W, h0km, mb4.3/4, mb1.4/2/5, mb1mx3.8/28, mbtm3.4/1/5, ML3.1/1, Error ellipse: s-maj=36.4km s-min=26.1km az=66.0

ISCJ 02 08:16:23.0:3.0, 7.0:3S:0:1:34:7W:0.3, h10km, mb4.1/5, Error ellipse: s-maj=21.1km s-min=11.8km az=145.8

NEIC 02 08:16:23.0:8.0, 8:0:38S:34:71W, h10km, mb4.3/2, Error ellipse: s-maj=22.8km s-min=16.6km az=54.0

ISC 02 08:16:24.0:0.8, 60:23S:0:10:35:0W:0:2, h10km, n17, c2500/12, mb4.3/5, Scotia Sea

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

IDC 02 08:40:51.8:1.4, 49:30S:110:69E, h0km, mb3.7/4, mb1.4/0/4, mb1mx3.8/16, mbtm3.7/4, Error ellipse: s-maj=53.8km s-min=29.2km az=93.0, Southeast Indian Ridge

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

WRA 0.9m, 0.7s, baz=270, slow=3.0, SNR=3.0 P 08 47 48.8 +0.1

CMAR Chiang Mai Arr 68.84 348 P 08 51 57.9 0.0

YKA Lajitas Array 146.92 115 PKPbc 09 00 35.4 -0.7

YKA Yellowknife Arr 152.47 46 PKPbc 09 04 40.1 -0.5

YKA Yellowknife Arr 152.47 46 PKPbc 09 04 40.1 -0.5

IDC 02 08:45:52.2:1.2, 82:17N:88:93W, h0km, mb3.6/5, mb1.4/0/6, mb1mx3.6/29, mbtm3.7/6, ML3.4/1, MS2.8/1, Ms1.2/8/1, ms1mx2.3/33, Error ellipse: s-maj=52.6km s-min=28.3km az=39.0

ISCJ 02 08:45:48.0:1.5, 12:7N:0:2:88:9W:0:2, h55km, mb3.6/5, MS2.7/1, Error ellipse: s-maj=45.5km s-min=9.2km az=41.7

ISC 02 08:45:49.9:1.6, 12:3N:0:3:88:9W:0:2, h55km, n7, c1511/8, mb3.6/5, Off coast of central America

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

IDC 02 08:53:06.7:23:82N:121:70E, h53km, 1km, M2.9

ISCJ 02 08:53:07.6:0.3, 23:83N:0:02:121:78E:0:02, h43km, 7km, Error ellipse: s-maj=4.0km s-min=2.4km az=141.7

TAP 02 08:53:07.3, 23:83N:121:72E, h49km, ML3.1, 4

ISC 02 08:53:08.3:1.4, 23:84N:0:03:121:75E:0:02, h36km, 2km, n43, c874/7/8, 3C, Taiwan

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

IDC 02 08:21:25.1:1.4, 26:41N:144:04E, h0km, mb3.3/3, mb1.3/6/4, mb1mx3.3/51, mbtm3.3/4, ML3.2/1, MS2.8/1, Ms1.2/8/1, ms1mx2.3/30, Error ellipse: s-maj=48.3km s-min=29.5km az=88.0, Bonin Islands region

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

ISCJ 02 08:31:25.0:0.7, 2:73N:0:08:123:1E:0:1, h45km, mb3.2/6, Error ellipse: s-maj=16.9km s-min=10.6km az=1.4

IDC 02 08:31:27.2:1.6, 2:60N:122:95E, h470km, 19km, mb2.8/7, s-maj=1.6km s-min=1.2km az=74.0

ISC 02 08:31:25.0:0.8, 2:27N:0:09:123:0E:0:1, h45km, n20, c165/22, mb3.2/6, Celebes Sea

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

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

ISCJ 02 08:31:25.0:0.7, 2:73N:0:08:123:1E:0:1, h45km, mb3.2/6, Error ellipse: s-maj=16.9km s-min=10.6km az=1.4

IDC 02 08:31:27.2:1.6, 2:60N:122:95E, h470km, 19km, mb2.8/7, s-maj=1.6km s-min=1.2km az=74.0

ISC 02 08:31:25.0:0.8, 2:27N:0:09:123:0E:0:1, h45km, n20, c165/22, mb3.2/6, Celebes Sea

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

JMA 02 08:53:06.7:23:82N:121:70E, h53km, 1km, M2.9

ISCJ 02 08:53:07.6:0.3, 23:83N:0:02:121:78E:0:02, h43km, 7km, Error ellipse: s-maj=4.0km s-min=2.4km az=141.7

TAP 02 08:53:07.3, 23:83N:121:72E, h49km, ML3.1, 4

ISC 02 08:53:08.3:1.4, 23:84N:0:03:121:75E:0:02, h36km, 2km, n43, c874/7/8, 3C, Taiwan

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

Table with columns: ENTT, Nioudou, 0.82 348 eP, Pn, 08 53 22.5 -0.9, NVLJ, Novajia, 1.30 33 ePn, Pb, 09 04 34.7 -0.2, etc.

ROM 02 09:04:08.5-0.4, 43:49N; 13:96E, h5km, Md2.5/1.3, M2.0/1.3, Error ellipse: s-maj=4.5km s-min=2.6km az=50.0

CSEM 02 09:04:09.8-0.2, 43:43N; 13:91E, h2km, Md2.5, Error ellipse: s-maj=4.6km s-min=3.5km az=142.0

ISC 02 09:04:10.1-1.1, 43.47N; 0.04:13.89E; 0.03, h7km, n10km, n31, 0.99/92, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, AOI, Ancona, 0.23 291 P, Pn, 09 04 14.4 -0.2, etc.

Table with columns: NVLJ, Novajia, 1.30 33 ePn, Pb, 09 04 34.7 -0.2, etc.

ISCJ 02 09:07:48.9-2.0, 6:87S; 151:06E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.6/35, mbtmp3.7/5, ML1.8/1, MS3.3/1, Ms1 3.3/1, ms1mx2.5/25, Error ellipse: s-maj=103.1km s-min=25.8km az=132.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, PMG, Port Moresby, 4.62 237 Pn, Pn, 09 09 01.0 +1.0, etc.

ISCJ 02 09:11:28.1-0.7, 24:3N; 0:1:94:7E; 0:1, h10km, mb3.5/7, Error ellipse: s-maj=21.5km s-min=7.3km az=40.0

ISC 02 09:11:28.4-1.3, 24:30N; 94:59E, h0km, mb3.6/7, mb1 3.6/8, mb1mx3.4/48, mbtmp3.5/8, ML3.3/1, Error ellipse: s-maj=69.7km s-min=14.5km az=60.0

ISC 02 09:11:29.5-0.9, 24:3N; 0:2:94:5E; 0:1, h10km, n10, 0:568/11, mb3.5/7, Myanmar-India border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, IMPhal, Imphal, 0.75 320 eP, Pn, 09 11 09.0 +2.8, etc.

ISCJ 02 09:23:06.3-0.4, 59:71S; 0:06:24:5W; 0:1, h10km, mb4.8/21, MS4.0/16, Error ellipse: s-maj=11.5km s-min=7.3km az=140.3

ISC 02 09:23:07.5-0.5, 59:48S; 24:56W, h0km, mb4.6/13, mb1 4.6/13, mb1mx4.4/28, mbtmp4.6/13, MS3.9/16, Ms1 3.9/16, ms1mx3.8/19, Error ellipse: s-maj=20.4km s-min=14.9km az=52.0

NEIC 02 09:23:13.5-0.3, 59:41S; 24:47W, h35km, mb5.1/13, Error ellipse: s-maj=14.1km s-min=9.7km az=202.0

BJI 02 09:23:14.3, 59:20S; 24:50W, h30km, mB5.4/5, Ms5.4/3, Ms7.5/3

ISC 02 09:23:08.9-0.4, 59:57S; 0:09:24:63W; 0:09, h10km, n94, 0:151/82, mb4.9/21, MS4.0/16, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, VNA1, Neumayer-Stat, 13.01 155 Op, Pn, 09 28 27.6 -1.1, etc.

Table with columns: SAML, Samuel, 58.24 314 eP, P, 09 33 02.3 -1.1, LSZ, Lusaka, 58.52 64 eP, P, 09 33 04.7 -0.8, etc.

ISC 02 09:32:42.5-0.8, 20:01S; 168:17E, h0km, mb4.4/12, mb1 4.6/13, mb1mx4.5/24, mbtmp4.4/13, ML3.8/1, MS3.7/12, Ms1 3.7/12, ms1mx3.5/22, Error ellipse: s-maj=28.6km s-min=17.9km az=134.0

MOS 02 09:32:52.2-3.4, 20:19S; 167:26E, h33km, mb4.9/16, Error ellipse: s-maj=16.7km s-min=12.4km az=177.8

ISCJ 02 09:32:53.6-0.3, 20:64S; 0:07:167:09E; 0:06, h33km, mb4.8/48, MS3.9/12, Error ellipse: s-maj=9.9km s-min=7.7km az=176.8

NEIC 02 09:32:55.6-0.3, 20:48S; 167:11E, h33km, mb4.9/30, Error ellipse: s-maj=9.8km s-min=8.2km az=161.0

BJI 02 09:32:56.5, 20:96S; 166:64E, h37km, mb5.0/16, mB5.1/12, Ms5.2/5, Ms7.5/5

ISC 02 09:32:54.1-0.5, 20:67S; 0:09:167:31E; 0:09, h35km, n108, 0:251/83, mb4.9/47, MS3.9/12, 9C-5D, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, DZM, Mont Dzumac, 1.62 210 Pn, Pn, 09 33 25.6 +5.3, etc.

2011 JAN

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

Table with columns: Station Name, Time, Res, and various codes. Includes stations like SHPR, WWOR, BMN, R11A, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DGS, IZV, KK31, KK31, KK31, etc.

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

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

Bottom section containing various codes and station names, likely a continuation of the station list or specific event details.

NOA	NORSAR Array B	50.05 32 P	P	12 21 34.3 -0.6
NOA	comp=Z,3.3nm,1.1s,baz=253,slow=7.2,SNR=5.6			12 28 55.4
NOA	comp=Z,6.2nm,18.6s,baz=270,slow=32			12 21 34.3 -0.6
NOA	NORSAR Array B	50.05 32 P	P	
NOA	comp=Z,4.0nm,1.0s			
UPC	Upice	50.88 46 eP	P	12 21 41.7 +0.4
UPC	comp=Z,2.4nm,1.1s			12 21 46.9 +0.5
UPC	Upice	50.88 46 eP	P	12 21 46.9 +0.5
UPC	comp=Z,2.4nm,1.1s			12 21 43.2 +0.4
DPC	Dobruska-Polom	51.07 46 eP	P	12 21 49.4
DPC	comp=Z,2.4nm,1.1s			12 21 43.2 +0.4
DPC	Dobruska-Polom	51.07 46 eP	P	12 21 49.4
DPC	comp=Z,2.4nm,1.1s			12 21 43.2 +0.4
DAG	Danmarks Havn	51.14 7 iP	P	12 21 42.7 +0.2
DAG	comp=Z,2.4nm,1.1s			12 21 42.7 -0.2
DAG	Danmarks Havn	51.14 7 iP	P	12 21 42.7 -0.2
DAG	comp=Z,2.4nm,1.1s			12 21 48.0 -0.3
Lajitas Array	51.75 287 P	P		
Lajitas Array	comp=Z,0.6nm,0.7s,baz=93,slow=7.8,SNR=6.6			12 41 21.6
TXAR	comp=Z,2.4nm,20.7s,baz=0,slow=33			
TXAR	Lajitas Array	51.75 287 P	P	12 21 48.0 -0.3
TXAR	comp=Z,1.0nm,0.7s			
PKSN	Moragy	52.58 51 iJP	P	12 21 53.9 -0.1
ANMO	Albuquerque	52.98 295iP	P	12 21 58.9 +1.5
ANMO	comp=Z,4.0nm,1.7s			
PDG	Podgorica	53.24 56 iJP	P	12 21 59.8 +0.8
LAZ	Laodon	53.62 294 eP	P	12 22 03.5 +1.3
LAZ	comp=Z,2.0nm,0.6s			
DIVS	Divirabe	53.64 54 iJP	P	12 22 02.5 +0.5
RES	Resolute Bay	53.91 345 P	P	12 22 03.0 -0.4
RES	comp=Z,4.3nm,1.1s,baz=78,slow=9.3,SNR=4.0			
RES	Resolute Bay	53.91 345 P	P	12 22 03.0 -0.4
RES	comp=Z,4.0nm,1.0s			
RLMT	Red Lodge	53.91 308 eP	P	12 22 04.5 +0.4
RLMT	comp=Z,6.4nm,1.1s			
BW06	Boulder Array	54.32 305 eP	P	12 22 07.0 -0.2
BW06	comp=Z,9.5nm,1.1s			
PDAR	Pinedale Array	54.32 305 P	P	12 22 07.2 -0.1
PDAR	comp=Z,3.9nm,0.8s,baz=79,slow=7.7,SNR=33			
PDAR	comp=Z,1.77nm,21.9s,baz=80,slow=34			12 43 10.8
SIRR	Siria	54.66 51 iJP	P	12 22 10.1 +0.6
BZS	Buzias	54.68 52 iJP	P	12 22 10.1 +0.6
MVDR	Moldovia	54.82 53 iJP	P	12 22 10.4 -0.1
LOHW	Long Hollow	55.00 306 eP	P	12 22 12.4 +0.3
LOHW	comp=Z,2.8nm,0.8s			
DRS	55.35 50 iJP	P		12 22 14.7 +0.3
AHID	Auburn Hatcher	55.45 305 eP	P	12 22 15.3 -0.1
AHID	comp=Z,6.2nm,1.0s			
GZR	Gura Zlata	55.51 52 iJP	P	12 22 15.9 +0.3
BURR	Bucovina Array	56.98 49 iJP	P	12 22 27.8 +1.7
SWMT	Swartz Lake	56.99 311 eP	P	12 22 26.1 0.0
DUG	Dugway, Tootle	57.09 302 eP	P	12 22 27.5 +0.5
DUG	comp=Z,4.1nm,1.1s			
YKA	Yellowknife Arr	57.12 329 P	P	12 22 25.6 -1.0
YKA	comp=Z,2.3nm,0.9s,baz=91,slow=7.6,SNR=28			
YKA	comp=Z,2.4nm,0.6s,baz=94,slow=5.1,SNR=9.6			12 23 20.5 -0.7
FINES	FINES Array B	57.18 33 P	P	12 22 26.2 -0.9
FINES	comp=Z,5.4nm,1.0s,baz=278,slow=5.4,SNR=6.4			
MLR	Muntele Rosu	57.72 52 iJP	P	12 22 31.8 +0.4
ARCES	ARCCESS Array B	57.76 23 P	P	12 22 30.9 -0.2
ARCES	comp=Z,9.0nm,0.7s,baz=256,slow=6.1,SNR=20			12 44 59.8
ARCES	comp=Z,5.5nm,18.3s,baz=260,slow=34			
MFID	Camas Ranch	58.79 306 eP	P	12 22 39.5 +0.6
KIEV	Kiev	59.28 45iP	P	12 22 41.4 -0.5
KIEV	comp=Z,4.0nm,0.9s			
AKASG	Malin Array Be	59.28 45 P	P	12 22 40.9 -1.1
AKASG	comp=Z,4.5nm,0.8s,baz=274,slow=6.1,SNR=16			
AKASG	Malin Array Be	59.28 45 eP	P	12 22 41.2 -0.8
AKASG	comp=Z,5.0nm,0.8s			
NVAR	Mina Array Bea	61.61 301 P	P	12 22 58.3 -0.1
NVAR	comp=Z,0.6nm,0.7s,baz=72,slow=6.7,SNR=3.7			
NVAR	comp=Z,2.20nm,20.5s,baz=84,slow=34			12 47 48.5
OBN	Obninsk	63.09 40iP	P	12 23 08.0 +0.4
OBN	comp=Z,2.3nm,0.9s			12 23 45.5
OBN	comp=Z,1.9nm,1.7s			12 25 25.4
KLMR	Kilimovskoe	63.71 33 eP	P	12 23 10.3 -1.4
KLMR	comp=Z,3.8nm,1.6s			
BRTR	Keskin Array B	64.41 57 P	P	12 23 16.6 -0.2
BRTR	comp=Z,3.5nm,0.9s,baz=257,slow=6.2,SNR=14			
BRTR	comp=Z,3.3nm,21.8s,baz=272,slow=33			12 47 48.3
BRTR	Keskin Array B	64.41 57 eP	P	12 23 17.0 +0.1
BRTR	comp=Z,4.0nm,0.9s			
LPSR	Galich'ya Gora	64.94 42 eP	P	12 23 19.6 -0.3
LPSR	comp=Z,10.0nm,0.9s			
LPSR	comp=Z,10.0nm,1.5s			
LPSR	comp=Z,10.0nm,1.7s			
VSR	Storozhevoje	65.39 43 eP	P	12 23 22.3 -0.6
VSR	comp=Z,10.0nm,1.4s			
VSR	comp=Z,10.0nm,1.2s			
VSR	comp=Z,10.0nm,1.3s			
VORD	Divnogorie	65.53 44 eP	P	12 23 22.4 -1.3
VORD	comp=Z,9.0nm,1.0s			
VORD	comp=Z,9.0nm,0.8s			
VORD	comp=Z,9.0nm,0.6s			
VRH	Novokhoporsky	66.95 43 eP	P	12 23 32.5 -0.4
VRH	comp=Z,10.0nm,0.6s			
VRH	comp=Z,9.0nm,0.6s			
VRH	comp=Z,9.0nm,0.5s			
KIV	Kislodovsk	69.67 50iP	P	12 23 49.3 -0.9
KIV	comp=Z,7.0nm,1.0s			
KIBZ	Khabaz	69.89 50 P	P	12 23 51.9 +0.5
KIBZ	comp=Z,3.6nm,1.0s,baz=293,slow=4.8,SNR=4.9			
NCK	Nalchik	70.44 51iP	P	12 23 56.1 +1.2
NCK	comp=Z,6.0nm,0.8s			
H09W1	TRISTAN DA CUN	70.72 153 T	T	13 41 02.1
H09W1	SNR=5.1			
ILAR	Eielson Array	70.83 334 P	P	12 23 56.6 -0.1
ILAR	comp=Z,5.0nm,0.8s,baz=70,slow=4.5,SNR=4.5			12 56 07.2
COLA	College	71.16 334iP	P	12 23 59.2 +0.4
COLA	comp=Z,7.0nm,1.2s			
COLA	College	71.16 334 eP	P	12 23 59.0 +0.3
PLCA	Paso Flores	71.83 201 P	P	12 24 03.4 +0.2
PLCA	comp=Z,2.2nm,0.8s,baz=64,slow=4.8,SNR=6.9			
MCK	McKinley	72.07 333 eP	P	12 24 04.2 -0.1
MCK	comp=Z,4.4nm,0.7s			
GNI	Garni	72.40 54iP	P	12 24 08.0 +1.1
BPAW	Bear Paw Mtn.	72.72 334 eP	P	12 24 07.5 -0.7
BPAW	comp=Z,1.3nm,1.0s			
KTH	Kantishna Hill	72.94 333 eP	P	12 24 09.6 0.0
KTH	comp=Z,2.3nm,1.3s			
PMR	Palmer	73.07 331 eP	P	12 24 10.2 0.0
AKTO	Aktuybinsk	76.86 40 P	P	12 24 33.0 +0.6
AKTO	comp=Z,3.2nm,0.8s,baz=294,slow=5.8			
AKTO	Aktuybinsk	76.86 40 P	P	12 24 33.0 +0.6
AKTO	comp=Z,3.0nm,0.8s			
ABKAR	Akbulak array	78.51 40 eP	P	12 24 42.0 +0.4
ABKAR	comp=Z,2.3nm,1.0s			
BRVK	Borovoye	82.05 34iP	P	12 25 01.6 +1.0
BRVK	comp=Z,2.3nm,1.0s			

BILL	Bilibino	82.34 349iP	P	12 25 02.1 +0.3
BILL	comp=Z,3.0nm,0.9s			
BILL	Bilibino	82.34 349 eP	P	12 28 14.7
BILL	comp=Z,13nm,2.5s			
BILL	comp=Z,5.7nm,15.0s			
BILL	Bilibino	82.34 349 eP	P	12 25 02.0 +0.1
BILL	comp=Z,9.6nm,1.4s			
KMBO	Klitna Mbogo	83.08 95 LR	LR	13 01 42.0
KMBO	comp=Z,1.03nm,19.5s,baz=322,slow=35			
OTUK	Ortayu	85.95 37 P	P	12 25 22.1 +1.4
OTUK	comp=Z,2.0nm,1.0s			
BOSA	Boshof	86.81 124 LR	LR	12 57 17.6
BOSA	comp=Z,6.5nm,18.4s,baz=266,slow=31			
KURK	Kurchatov	87.56 32 P	P	12 25 28.4 0.0
KURK	comp=Z,1.0nm,0.7s			
KURK	Kurchatov	87.56 32 P	P	12 25 28.4 0.0
KURK	comp=Z,1.0nm,0.7s,baz=314,slow=5.0,SNR=11			12 25 30.6 0.0
ZALV	Zalesovo Beam	88.05 27 P	P	13 04 12.8
ZALV	comp=Z,2.2nm,0.8s,baz=315,slow=5.2,SNR=12			
ZALV	comp=Z,2.4nm,19.3s,baz=333,slow=35			
SEY	Seymchan	89.17 352 P	P	12 25 35.7 0.0
SEY	comp=Z,1.2nm,0.6s,baz=329,slow=4.4,SNR=4.5			
MNAS	Manas	89.54 41 P	P	12 25 40.3 +2.2
MNAS	comp=Z,2.0nm,1.2s			
AAK	Ala-Archa	90.60 40iP	P	12 25 44.1 +0.9
AAK	comp=Z,2.0nm,1.0s			
YAK	Yakutsk	90.94 3 LR	LR	13 04 40.5
YAK	comp=Z,4.9nm,18.5s,baz=33,slow=34			
YAK	Yakutsk	90.94 3iP	P	12 25 45.3 +1.3
YAK	comp=Z,3.0nm,0.8s			
MKAR	Makanchi Array	92.01 33 P	P	12 25 49.3 -0.1
MKAR	comp=Z,1.2nm,0.9s,baz=307,slow=3.5,SNR=9.5			
MA2	Magadan	92.63 352 LR	LR	13 02 54.2
MA2	comp=Z,2.2nm,21.2s,baz=46,slow=33			
PETK	Petrovskoye	97.73 347 LR	LR	12 13 56.7
PETK	comp=Z,3.0nm,18.9s,baz=66,slow=37			
CMAR	Chiang Mai Arr	122.34 42 PKP	PKP	12 31 35.7 -0.6
CMAR	comp=Z,1.2nm,0.9s,baz=307,slow=3.5,SNR=9.5			
WRA	Warramunga Arr	172.67 9 PKP	PKP	12 34 14.7 -0.7
WRA	comp=Z,1.6nm,1.1s,baz=350,slow=5.0,SNR=6.9			
ASAR	Alice Springs	176.15 24 PKP	PKP	12 32 50.4 -0.9
ASAR	comp=Z,0.4nm,0.8s,baz=346,slow=0.4,SNR=3.9			
ASAR	comp=Z,0.4nm,0.8s,baz=353,slow=3.9,SNR=4.2			

ISK 02 12:50:22.8, 38°75'N, 43°49'E, h5km, MD2.7
 CSEM 02 12:50:23.9, 38°65'N, 43°22'E, h5km, MD2.6, Error
 ellipse: s-maj=7.7km s-min=4.8km az=69.0
 DDA 02 12:50:23.1, 38°61'N, 43°26'E, h19km, MD2.6
 ISC 02 12:50:24.2, 1.2, 38°66'N, 02°43'24E, 0.03, h1km, 11km,
 n22, c094/35, Turkey

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
VANB	Van	0.14 120	eP	12 50 26.7 -0.2	Pg	12 50 30.3 +1.6	
VANB	Van	0.14 120	eP	12 50 26.7 -0.2	Pg	12 50 30.3 +1.6	
VANB	Van	0.14 120	eP	12 50 26.7 -0.2	Pg	12 50 30.3 +1.6	
TVAN	Van	0.19 135	iP	12 50 26.9 -1.0	Pg	12 50 30.4 0.0	
TVAN	Van	0.19 135	iP	12 50 26.9 -1.0	Pg	12 50 30.4 0.0	
GEVA	Gevas	0.38 202	iP	12 50 30.7 -0.7	Pg	12 50 30.7 -0.7	
GEVA	Gevas	0.38 202	iP	12 50 30.7 -0.7	Pg	12 50 30.7 -0.7	
GEVA	Gevas	0.38 202	iP	12 50 30.7 -0.7	Pg	12 50 30.7 -0.7	
VMUR	Van-Muradiye	0.42 38	iP	12 50 32.5 +0.2	Pg	12 50 32.5 +0.2	
VMUR	Van-Muradiye	0.42 38	iP	12 50 32.5 +0.2	Pg	12 50 32.5 +0.2	
VMUR	Van-Muradiye	0.42 38	iP	12 50 32.5 +0.2	Pg	12 50 32.5 +0.2	
TUTA	Tutak	0.81 336	iP	12 50 39.4 -0.4	Pg	12 50 39.4 -0.4	
TUTA	Tutak	0.81 336	iP	12 50 39.4 -0.4	Pg	12 50 39.4 -0.4	

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like BSO4, BHJ2, HJH, etc.

ISCJB 02 13:10:04.8±1.1, 32.33S; 0.07; 179.6E±0.2, h372km, mb3.2/2, Error ellipse: s-maj=22.1km s-min=8.9km az=3.9

Table with columns: Code, Station Name, Az, El, Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like MXZ, WMGX, HAZ, etc.

NSSC 02 13:14:13.1±3.1, 37.38N; 43.54E, h166km±42km, MD2.7, ML3.5

MOS 02 13:14:16.7±1.7, 36.63N; 43.15E, h12km, mb4.0/15, Error ellipse: s-maj=9.3km s-min=5.4km az=86.7

ISCJB 02 13:14:17.6±0.7, 36.76N; 0.02; 43.30E±0.02, h11km±4km, mb3.9/24, MS3.5/2, Error ellipse: s-maj=3.3km s-min=1.5km az=15.7

ISK 02 13:14:18.7±6.8, 36.88N; 43.21E, h10km, ML4.1

AZER 02 13:14:20.9±1.7, 36.66N; 43.27E, h54km, 150km, Error ellipse: s-maj=16.1km s-min=12.5km az=97.0

BUI 02 13:14:20.4±3.6, 37.0N; 43.30E, h38km, mb4.7/4, MB4.8, Ms1.2, Ms2.9/5, Ms1.2mx2.6/51, Error ellipse: s-maj=17.6km s-min=13.0km az=167.0

ISCJB 02 13:14:20.3±0.1, 36.87N; 43.20E, h15km, mb4.0/16, Error ellipse: s-maj=3.9km s-min=2.9km az=159.0

DDA 02 13:14:21.4±1.5, 37.10N; 42.97E, h5km, mb4.2/7, NEIC 02 13:14:21.4±1.5, 37.10N; 42.97E, h5km, mb4.2/7, Error ellipse: s-maj=19.2km s-min=11.9km az=85.0

TEH 02 13:14:22.2±2.5, 36.39N; 43.30E, h10km, ML4.1

ISN 02 13:14:22.2±2.5, 36.39N; 43.30E, h10km±8km, ML3.6

ISC 02 13:14:23.7±1.2, 36.80N; 0.03; 43.25E±0.02, h6km±8km, n250, s138/283, mb3.9/24, 20C-33D, Iraq

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

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

ISCJB 02 13:10:04.8±1.1, 32.33S; 0.07; 179.6E±0.2, h372km, mb3.2/2, Error ellipse: s-maj=22.1km s-min=8.9km az=3.9

IDC 02 13:10:05.1±1.1, 32.33S; 179.72E, h367km±9km, mb3.1/2, mb1.3/3.3, mb1mx3.1/19, mbtmp3.9/3, Error ellipse: s-maj=109.6km s-min=41.8km az=2.0

ISC 02 13:10:07.0±1.1, 32.35S; 0.1; 179.5E±0.2, h372km, n32, s193/41, South of Kermadec Islands

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

NSSC 02 13:14:13.1±3.1, 37.38N; 43.54E, h166km±42km, MD2.7, ML3.5

MOS 02 13:14:16.7±1.7, 36.63N; 43.15E, h12km, mb4.0/15, Error ellipse: s-maj=9.3km s-min=5.4km az=86.7

ISCJB 02 13:14:17.6±0.7, 36.76N; 0.02; 43.30E±0.02, h11km±4km, mb3.9/24, MS3.5/2, Error ellipse: s-maj=3.3km s-min=1.5km az=15.7

ISK 02 13:14:18.7±6.8, 36.88N; 43.21E, h10km, ML4.1

AZER 02 13:14:20.9±1.7, 36.66N; 43.27E, h54km, 150km, Error ellipse: s-maj=16.1km s-min=12.5km az=97.0

BUI 02 13:14:20.4±3.6, 37.0N; 43.30E, h38km, mb4.7/4, MB4.8, Ms1.2, Ms2.9/5, Ms1.2mx2.6/51, Error ellipse: s-maj=17.6km s-min=13.0km az=167.0

ISCJB 02 13:14:20.3±0.1, 36.87N; 43.20E, h15km, mb4.0/16, Error ellipse: s-maj=3.9km s-min=2.9km az=159.0

DDA 02 13:14:21.4±1.5, 37.10N; 42.97E, h5km, mb4.2/7, NEIC 02 13:14:21.4±1.5, 37.10N; 42.97E, h5km, mb4.2/7, Error ellipse: s-maj=19.2km s-min=11.9km az=85.0

TEH 02 13:14:22.2±2.5, 36.39N; 43.30E, h10km, ML4.1

ISN 02 13:14:22.2±2.5, 36.39N; 43.30E, h10km±8km, ML3.6

ISC 02 13:14:23.7±1.2, 36.80N; 0.03; 43.25E±0.02, h6km±8km, n250, s138/283, mb3.9/24, 20C-33D, Iraq

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

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

ISCJB 02 13:10:04.8±1.1, 32.33S; 0.07; 179.6E±0.2, h372km, mb3.2/2, Error ellipse: s-maj=22.1km s-min=8.9km az=3.9

IDC 02 13:10:05.1±1.1, 32.33S; 179.72E, h367km±9km, mb3.1/2, mb1.3/3.3, mb1mx3.1/19, mbtmp3.9/3, Error ellipse: s-maj=109.6km s-min=41.8km az=2.0

ISC 02 13:10:07.0±1.1, 32.35S; 0.1; 179.5E±0.2, h372km, n32, s193/41, South of Kermadec Islands

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

NSSC 02 13:14:13.1±3.1, 37.38N; 43.54E, h166km±42km, MD2.7, ML3.5

MOS 02 13:14:16.7±1.7, 36.63N; 43.15E, h12km, mb4.0/15, Error ellipse: s-maj=9.3km s-min=5.4km az=86.7

ISCJB 02 13:14:17.6±0.7, 36.76N; 0.02; 43.30E±0.02, h11km±4km, mb3.9/24, MS3.5/2, Error ellipse: s-maj=3.3km s-min=1.5km az=15.7

ISK 02 13:14:18.7±6.8, 36.88N; 43.21E, h10km, ML4.1

AZER 02 13:14:20.9±1.7, 36.66N; 43.27E, h54km, 150km, Error ellipse: s-maj=16.1km s-min=12.5km az=97.0

BUI 02 13:14:20.4±3.6, 37.0N; 43.30E, h38km, mb4.7/4, MB4.8, Ms1.2, Ms2.9/5, Ms1.2mx2.6/51, Error ellipse: s-maj=17.6km s-min=13.0km az=167.0

ISCJB 02 13:14:20.3±0.1, 36.87N; 43.20E, h15km, mb4.0/16, Error ellipse: s-maj=3.9km s-min=2.9km az=159.0

DDA 02 13:14:21.4±1.5, 37.10N; 42.97E, h5km, mb4.2/7, NEIC 02 13:14:21.4±1.5, 37.10N; 42.97E, h5km, mb4.2/7, Error ellipse: s-maj=19.2km s-min=11.9km az=85.0

TEH 02 13:14:22.2±2.5, 36.39N; 43.30E, h10km, ML4.1

ISN 02 13:14:22.2±2.5, 36.39N; 43.30E, h10km±8km, ML3.6

ISC 02 13:14:23.7±1.2, 36.80N; 0.03; 43.25E±0.02, h6km±8km, n250, s138/283, mb3.9/24, 20C-33D, Iraq

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like RAYN Ar Rayn, VSR Storozhevoje, LPSR Galich'ya Gora, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like GUN Gumba, ESDC Sonseca Array, JIRN Jiri, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like n26.0055/48, Taiwan region, JYNG Yonagunijimaku, etc.

2d 14h

Table with columns: LPIG, TXAR, FINES, RAR, AKASG. Rows include station names like La Paz, Lajas, FINES Array, RAR, and Main Array with associated coordinates and parameters.

IDC 02 14:02:52.8, 0.8, 26.35N, 144.07E, h0km, mb3.7/9, mb1 3.9/10, mb1mx3.6/39, mbtmp3.6/10, ML3.8/1, MS2.7/1, Ms1 2.7/1, ms1mx2.3/4.5, Error ellipse: s-maj=22.8km s-min=17.7km az=9.1

NEIC 02 14:02:54.2, 0.6, 26.39N, 144.01E, h0km, mb4.3/4, Error ellipse: s-maj=14.8km s-min=10.8km az=80.0

JMA 02 14:02:56.0, 0.1, 26.86N, 143.95E, h11km, km4, M3.8

ISC 02 14:02:54.4, 0.6, 26.49N, 0.09, 143.98E, h10km, n25, s=133/28, mb3.8/13, Bonin Islands region

Main station list for 2d 14h section. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JHHJ, CBJJ, CJJJ, JJJJ, etc.

GUC 02 14:07:37.1, 0.3, 34.50S, 72.36W, h53km, 2km, ML3.9

ISC 02 14:07:39.9, 1.9, 34.84S, 0.05, 72.00W, 0.09, h33km, 2km, n12, s=133/20, 1C, Near coast of central Chile

Main station list for GUC and ISC 02 14:07:39.9 section. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHPI, RCDM, ANTU, etc.

ISCJB 02 14:11:27.3, 0.6, 13.13N, 0.07, 90.44W, 0.04, h38km, mb4.4/8km, az=9.1

CASC 02 14:11:29.9, 1.0, 13.19N, 90.31W, h13km, 11km, ML4.0, mb4.5(NEIC)

BUI 02 14:11:31.7, 1.3, 13.40N, 90.00W, h76km

NEIC 02 14:11:33.7, 1.4, 13.38N, 89.89W, h76km, 14km, mb4.5/15, MD4.0(SNET), Error ellipse: s-maj=20.6km s-min=11.0km az=56.0

NEIC Feil [I] at Ahuachapan, IDC 02 14:11:33.4, 2.9, 13.34N, 89.99W, h75km, 24km, mb3.6/12, mb1 3.9/14, mb1mx3.7/33, mbtmp3.9/14, MS3.6/6, Ms1 3.6/6, ms1mx3.2/34, Error ellipse: s-maj=27.5km s-min=15.7km az=56.0

ISC 02 14:11:29.2, 0.7, 13.23N, 0.09, 90.37W, 0.08, h38km, n64, s=139/62, mb4.3/24, MS3.5/6, 2C-1D, Near coast of Guatemala

Main station list for ISCJB, CASC, BUI, NEIC, and ISC 02 14:11:29.2 section. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CUSI, MONT, RBL, etc.

2011 JAN

Main station list for 2011 JAN section. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TEIG, WHTX, LRAL, TXAR, etc.

IDC 02 14:19:21.4, 1.9, 56.32S, 25.03W, h0km, mb4.0/2, mb1 4.2/2, mb1mx3.7/18, mbtmp4.0/2, Error ellipse: s-maj=81.5km s-min=42.3km az=7.0, South Sandwich Islands region

Main station list for IDC 02 14:19:21.4 section. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LPDZ, TORD, YKA, etc.

WEL 02 14:21:47.8, 0.4, 37.80S, 176.71E, h144km, 2km, ML3.4/12, 11C-2D, Error ellipse: s-maj=2.2km s-min=2.1km az=0.0, North Island

Main station list for WEL 02 14:21:47.8 section. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OPRZ, TGRZ, TARZ, etc.

70

Table with columns: MRZ, TIWZ, HOWZ, etc. Rows include station names like Tintock, Holdsworth Sta, Otaki Gorge, etc.

BUI 02 14:24:50.8, 3.3, 15.8N, 87.97E, h6km, mb3.8/4, Ms3.8/3, Ms7.3/2.5

IDC 02 14:24:53.5, 0.7, 32.63N, 88.41E, h0km, mb3.8/16, mb1 3.9/20, mb1mx3.8/43, mbtmp3.7/20, ML2.9/4, MS3.5/5, Ms1 3.5/5, ms1mx3.1/38, Error ellipse: s-maj=22.3km s-min=14.0km az=40.0

ISCJB 02 14:24:54.0, 0.3, 32.85N, 0.03, 88.57E, 0.07, h10km, mb3.8/18, MS3.5/4, Error ellipse: s-maj=8.8, 1km s-min=4.6km az=5.3

NEIC 02 14:24:54.0, 4.3, 32.75N, 88.44E, h35km, mb4.1/5, Error ellipse: s-maj=12.0km s-min=6.6km az=49.0

ISC 02 14:24:56.0, 0.6, 32.83N, 0.08, 88.47E, 0.08, h10km, n49, s=152/14, mb3.9/18, MS3.5/4, Xizang

Main station list for BUI, IDC, ISCJB, NEIC, and ISC 02 14:24:56.0 section. Columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LSA, GUN, TAPN, etc.

PDO Prodomos	0.56	46	ePN	Pg	14.40 21.6	-0.9	FYTO Fytoklo, Volos	2.14	55	ePN	Pn	14.40 48.0	+1.8	CDT Castel del Mon	4.45	312	ePN	Pn	14.41 18.9	+0.9
PDO Prodomos	0.56	46	eSN	Sg	14.40 21.6	-0.2	FYTO Fytoklo, Volos	2.14	55	ePN	Pn	14.40 48.0	+1.8	IDI Anoyia	4.47	129	Pn	Pn	14.41 18.7	+0.3
PDO Prodomos	0.56	46	ePN	Sg	14.40 21.6	-0.9	NEST Nestorio	2.22	7	ePN	Pb	14.40 50.0	-1.1	IDI Anoyia	4.47	129	Pn	Pn	14.41 21.2	+2.9
PDO Prodomos	0.56	46	eSN	Sb	14.40 21.6	-0.2	NEST Nestorio	2.22	7	P	Pb	14.40 50.0	-0.5	IDI Anoyia	4.47	129	Pn	Pn	14.41 21.2	+2.9
PKD Lefkada island	0.58	359	ePN	Pg	14.40 31.5	+0.2	NEST Nestorio	2.22	7	ePN	Pb	14.40 50.0	-1.1	IDI Anoyia	4.47	129	Pn	Pn	14.41 21.2	+2.9
LKD2 Lefkada island	0.58	359	eSN	Sg	14.40 31.5	+0.5	KZN Kozani	2.26	22	P	Pb	14.40 50.3	-1.5	IDI Anoyia	4.47	129	Pn	Pn	14.41 21.2	+2.9
LKD2 Lefkada island	0.58	359	ePN	Pg	14.40 22.3	-0.6	KZN Kozani	2.26	22	ePN	Pb	14.40 50.2	-1.5	IDI Anoyia	4.47	129	Pn	Pn	14.41 21.2	+2.9
LKD2 Lefkada island	0.58	359	eSN	Sb	14.40 22.3	-0.6	KZN Kozani	2.26	22	P	Pb	14.40 50.3	-1.5	IDI Anoyia	4.47	129	Pn	Pn	14.41 21.2	+2.9
RLS Riolos of Patr	0.64	103	ePB	Pg	14.40 22.7	-1.3	KZN Kozani	2.26	22	P	Pb	14.40 50.2	-1.5	IDI Anoyia	4.47	129	Pn	Pn	14.41 21.2	+2.9
RLS Riolos of Patr	0.64	103	eSN	Sg	14.40 33.1	+0.4	KZN Kozani	2.26	22	ePN	Pb	14.40 50.3	-1.5	IDI Anoyia	4.47	129	Pn	Pn	14.41 21.2	+2.9
RLS Riolos of Patr	0.64	103	ePN	Pg	14.40 22.7	-0.8	NAG Nisos Aigina	2.27	101	ePB	Pb	14.40 49.5	+1.4	HCY Herceg Novi	4.55	339	ePN	Pn	14.41 19.6	+0.2
RLS Riolos of Patr	0.64	103	eSN	Sb	14.40 22.7	-0.8	NAG Nisos Aigina	2.27	101	P	Pb	14.40 49.5	+1.4	HCY Herceg Novi	4.55	339	ePN	Pn	14.41 19.6	+0.2
RLS Riolos of Patr	0.64	103	ePN	Pg	14.40 22.8	-1.3	VLI Veliai	2.34	129	ePN	Pb	14.40 52.6	-0.4	HCY Herceg Novi	4.55	339	ePN	Pn	14.41 19.6	+0.2
RLS Riolos of Patr	0.64	103	eSN	Sb	14.40 22.8	-1.3	VLI Veliai	2.34	129	P	Pb	14.40 52.6	-0.4	HCY Herceg Novi	4.55	339	ePN	Pn	14.41 19.6	+0.2
RLS Riolos of Patr	0.64	103	ePN	Pg	14.40 33.1	+0.4	MRKA Markates	2.34	77	ePB	Pb	14.40 50.6	+1.6	RZN Rozhen	4.66	41	P	Pn	14.41 20.4	+2.3
RLS Riolos of Patr	0.64	103	eSN	Sb	14.40 33.1	+0.4	MRKA Markates	2.34	77	P	Pb	14.40 50.6	+1.6	BARS Barje	4.68	10	eSN	Pn	14.41 20.4	+2.3
PVO Paravola	0.78	59	ePN	Pg	14.40 26.0	-0.7	LIT Litokhoron	2.36	36	P	Pn	14.40 50.7	+1.4	BARS Barje	4.68	10	ePN	Pn	14.41 20.4	+2.3
PVO Paravola	0.78	59	eSN	Sg	14.40 39.0	+0.1	LIT Litokhoron	2.36	36	P	Pn	14.40 50.7	+1.4	BARS Barje	4.68	10	ePN	Pn	14.41 20.4	+2.3
PVO Paravola	0.78	59	ePN	Pg	14.40 26.0	-0.7	LIT Litokhoron	2.36	36	P	Pn	14.40 50.7	+1.4	BARS Barje	4.68	10	ePN	Pn	14.41 20.4	+2.3
PVO Paravola	0.78	59	eSN	Sb	14.40 26.0	-0.7	LIT Litokhoron	2.36	36	P	Pn	14.40 50.7	+1.4	BARS Barje	4.68	10	ePN	Pn	14.41 20.4	+2.3
PVO Paravola	0.78	59	ePN	Pg	14.40 37.8	+1.0	SKIA Skiathos	2.38	66	ePB	Pb	14.40 51.0	+1.4	BEY Berane	4.69	353	ePN	Pn	14.41 22.8	+1.3
PVO Paravola	0.78	59	eSN	Sb	14.40 37.8	+1.0	SKIA Skiathos	2.38	66	P	Pb	14.40 51.0	+1.4	BEY Berane	4.69	353	ePN	Pn	14.41 22.8	+1.3
DRO Drossia	0.86	107	ePN	Pg	14.40 39.0	+0.1	ATH Athiots Observa	2.41	95	ePN	Pn	14.40 51.0	+1.4	BEY Berane	4.69	353	ePN	Pn	14.41 22.8	+1.3
DRO Drossia	0.86	107	eSN	Sg	14.40 26.1	-2.0	ATH Athiots Observa	2.41	95	P	Pn	14.40 51.5	+1.5	BEY Berane	4.69	353	ePN	Pn	14.41 22.8	+1.3
DRO Drossia	0.86	107	ePN	Pg	14.40 26.1	-2.0	ATH Athiots Observa	2.41	95	ePN	Pn	14.40 51.5	+1.5	BEY Berane	4.69	353	ePN	Pn	14.41 22.8	+1.3
DRO Drossia	0.86	107	eSN	Sb	14.40 26.1	-2.0	ATH Athiots Observa	2.41	95	P	Pn	14.40 51.5	+1.5	BEY Berane	4.69	353	ePN	Pn	14.41 22.8	+1.3
UPR University Cam	0.88	85	ePN	Pg	14.40 40.7	+1.7	ATH Athiots Observa	2.41	95	ePN	Pn	14.41 22.3	+3.2	NKY Niksic	4.77	345	ePN	Pn	14.41 23.2	+0.6
UPR University Cam	0.88	85	eSN	Sg	14.40 42.3	+1.5	ATH Athiots Observa	2.41	95	P	Pn	14.41 22.3	+3.2	NKY Niksic	4.77	345	ePN	Pn	14.41 23.2	+0.6
UPR University Cam	0.88	85	ePN	Pg	14.40 27.6	-0.9	ATHU Athens Unvers	2.47	95	ePN	Pn	14.40 52.2	+1.4	NKY Niksic	4.77	345	ePN	Pn	14.41 23.2	+0.6
UPR University Cam	0.88	85	eSN	Sb	14.40 27.6	-0.9	ATHU Athens Unvers	2.47	95	P	Pn	14.40 52.2	+1.4	NKY Niksic	4.77	345	ePN	Pn	14.41 23.2	+0.6
UPR University Cam	0.88	85	ePN	Pg	14.40 31.8	+0.5	VLY Voula,Athens	2.49	97	ePN	Pn	14.40 52.4	+1.3	WTOS Vitosh	4.84	339	ePN	Pn	14.41 21.8	-1.6
UPR University Cam	0.88	85	eSN	Sb	14.40 31.8	+0.5	VLY Voula,Athens	2.49	97	P	Pn	14.40 52.4	+1.3	WTOS Vitosh	4.84	339	ePN	Pn	14.41 21.8	-1.6
RODI Rodini	0.97	83	ePB	Pg	14.40 28.3	-1.4	PTL Penteli	2.52	93	P	Pn	14.40 53.0	+1.4	TREB Trebinje	4.84	339	ePN	Pn	14.41 21.8	-1.6
RODI Rodini	0.97	83	eSN	Sb	14.40 28.3	-1.4	PTL Penteli	2.52	93	P	Pn	14.40 53.0	+1.4	TREB Trebinje	4.84	339	ePN	Pn	14.41 21.8	-1.6
RODI Rodini	0.97	83	ePN	Pg	14.40 42.3	+0.7	PTL Penteli	2.52	93	ePN	Pn	14.40 52.9	+1.4	TREB Trebinje	4.84	339	ePN	Pn	14.41 21.8	-1.6
RODI Rodini	0.97	83	eSN	Sb	14.40 42.3	+0.7	PTL Penteli	2.52	93	P	Pn	14.40 52.9	+1.4	TREB Trebinje	4.84	339	ePN	Pn	14.41 21.8	-1.6
RODI Rodini	0.97	83	ePN	Pg	14.40 28.3	-1.4	PTL Penteli	2.52	93	P	Pn	14.41 25.6	-1.3	LAST Lasithi	4.92	127	ePN	Pn	14.41 27.0	+2.5
RODI Rodini	0.97	83	eSN	Sb	14.40 28.3	-1.4	PTL Penteli	2.52	93	P	Pn	14.41 25.6	-1.3	LAST Lasithi	4.92	127	ePN	Pn	14.41 27.0	+2.5
DSL Palaion Diasel	0.98	20	ePN	Pg	14.40 44.8	-0.1	PTL Penteli	2.52	93	S	Pn	14.41 01.9	+2.8	BRY Bratogost	4.96	342	ePN	Pn	14.41 25.7	+0.5
DSL Palaion Diasel	0.98	20	eSN	Sg	14.40 44.1	+0.3	PTL Penteli	2.52	93	S	Pn	14.41 01.9	+2.8	BRY Bratogost	4.96	342	ePN	Pn	14.41 25.7	+0.5
DSL Palaion Diasel	0.98	20	ePN	Pg	14.40 28.9	-1.5	ERE	2.57	84	ePN	Pn	14.40 53.4	+1.2	BRY Bratogost	4.96	342	ePN	Pn	14.41 25.7	+0.5
DSL Palaion Diasel	0.98	20	eSN	Sb	14.40 28.9	-1.5	ERE	2.57	84	P	Pn	14.40 53.4	+1.2	BRY Bratogost	4.96	342	ePN	Pn	14.41 25.7	+0.5
DSL Palaion Diasel	0.98	20	ePN	Pg	14.40 44.1	+0.3	AOS Alonnissos	2.69	68	ePN	Pn	14.40 55.0	+1.2	PLVD Plovdiv	4.96	37	ePN	Pn	14.41 26.0	+0.2
DSL Palaion Diasel	0.98	20	eSN	Sb	14.40 44.1	+0.3	AOS Alonnissos	2.69	68	P	Pn	14.40 55.0	+1.2	PLVD Plovdiv	4.96	37	ePN	Pn	14.41 26.0	+0.2
EPF Efpalio	0.99	77	ePB	Pg	14.40 28.6	-1.5	AOS Alonnissos	2.69	68	ePN	Pn	14.40 55.0	+1.2	PLVD Plovdiv	4.96	37	ePN	Pn	14.41 26.0	+0.2
EPF Efpalio	0.99	77	eSN	Sb	14.40 28.6	-1.5	AOS Alonnissos	2.69	68	P	Pn	14.40 55.0	+1.2	PLVD Plovdiv	4.96	37	ePN	Pn	14.41 26.0	+0.2
LAKA Lakka	1.03	88	ePB	Pg	14.40 29.2	-1.5	KYTH Kithira	2.69	135	ePB	Pb	14.40 57.6	+3.7	KDZ Kurdzhali	5.01	45	P	Pn	14.41 26.3	+0.6
LAKA Lakka	1.03	88	eSN	Sb	14.40 29.2	-1.5	KYTH Kithira	2.69	135	P	Pn	14.40 57.6	+3.7	KDZ Kurdzhali	5.01	45	P	Pn	14.41 26.3	+0.6
LAKA Lakka	1.03	88	ePN	Pg	14.40 44.8	-0.1	OH	2.90	2	iPN	Pn	14.40 57.5	+0.7	VAE Valguarnera	5.01	264	Pn	Pn	14.41 25.9	+0.2
LAKA Lakka	1.03	88	eSN	Sb	14.40 44.8	-0.1	OH	2.90	2	P	Pn	14.40 57.5	+0.7	VAE Valguarnera	5.01	264	Pn	Pn	14.41 25.9	+0.2
LAKA Lakka	1.03	88	ePN	Pg	14.40 29.5	-1.2	PAIG Paliouri	2.90	53	ePN	Pn	14.40 57.5	+0.8	VAE Valguarnera	5.01	264	Pn	Pn	14.41 25.9	+0.2
LAKA Lakka	1.03	88	eSN	Sb	14.40 29.5	-1.2	PAIG Paliouri	2.90	53	P	Pn	14.40 57.5	+0.8	VAE Valguarnera	5.01	264	Pn	Pn	14.41 25.9	+0.2
LAKA Lakka	1.03	88	ePN	Pg	14.40 29.2	-1.5	PAIG Paliouri	2.90	53	ePN	Pn	14.40 57.5	+0.8	VAE Valguarnera	5.01	264	Pn	Pn	14.41 25.9	+0.2
LAKA Lakka	1.03	88	eSN	Sb	14.40 29.2	-1.5	PAIG Paliouri	2.90	53	P	Pn	14.40 57.5	+0.8	VAE Valguarnera	5.01	264	Pn	Pn	14.41 25.9	+0.2
AMT Artemida-Makis	1.06	129	ePN	Pg	14.40 31.5	+0.2	KARY Karystos	2.97	92	ePN	Pn	14.40 58.9	+1.2	SEL Selva	5.01	4	ePN	Pn	14.41 26.0	+0.2
AMT Artemida-Makis	1.06	129	eSN	Sb	14.40 31.5	+0.2	KARY Karystos	2.97	92	P	Pn	14.40 58.9	+1.2	SEL Selva	5.01	4	ePN	Pn	14.41 26.0	+0.2
AMT Artemida-Makis	1.06	129	ePN	Pg	14.40 31.5	+0.2	THE Thessaloniki	3.00	36	P	Pn	14.41 00.2	-2.3	MSE Monte Sant'Ang	5.04	315	ePN	Pn	14.41 27.8	+2.5
AMT Artemida-Makis	1.06	129	eSN	Sb	14.40 31.5	+0.2	THE Thessaloniki	3.00	36	P	Pn	14.41 00.2	-2.3	MSE Monte Sant'Ang	5.04	315	ePN	Pn	14.41 27.8	+2.5
EVR Evrytania	1.14	51	ePN	Pg																

NEIC 02 15:19:31.0.0.5, 4.46S, 101.43E, h22km, 3km, mb5.774, MS5.6/181, MW5.7, Error ellipse: s-maj=5.3km s-min=3.7km az=224.0, Moment Tensor Solution. s59 Moment tensor: Scale 1017Nm; Mrr:0.08; Mtt:0.60; Mss:2.48; Mrr:3.65; Mss:6.68; Mrr:1.71; Best double couple: Ms:5.00000*1017 NP1:127.00000, 873.00000, 1.75.00000. NP2:351.00000, 823.00000, 1.132.00000. Principal axes: T 5.4900, P159.0000, Azm116.0000; N -1.2800, P15.0000, Azm132.0000; P -4.2100, P127.0000, Azm229.0000.

NEIC Felt [IV] at Bengkulu and [III] at Kapahiang. Also felt at Curup.

MOS 02 15:19:31.0.1.0, 4.33S, 101.57E, h33km, mb5.779, MS5.5/49 Error ellipse: s-maj=8.8km s-min=4.3km az=113.9.

GCMT 02 15:19:31.0.0.1, 4.73S, 101.22E, h21km, MW5.8/116, Moment Tensor Solution. s116,c224; s106,c246; Duration: 1s9 Moment tensor: Scale 1017Nm; Mrr:2.93e+06; Mss:1.63e+04; Mtt:1.30e+04; Mrr:1.3e+15; Mss:1.36e+03; Mtt:3.27e+14; Best double couple: Ms:6.00500*1017 NP1:129.00000, 876.00000, 1.789.00000. NP2:351.00000, 814.00000, 1.95.00000. Principal axes: T 6.0560, P159.0000, Azm37.0000; N -1.0110, P11.0000, Azm10.0000; P -5.9100, P131.0000, Azm220.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

IDC 02 15:19:31.1.1.5, 4.39S, 101.49E, h22km, 9km, mb5.0/53, mb1 4.9/55, mb1mx4.9/61, mb1mp5.1/55, ML4.2, MS5.4/30, Ms1 5.5/30, ms1mx5.1/53 Error ellipse: s-maj=10.6km s-min=7.5km az=49.0.

KLM 02 15:19:32.7.4.55S, 101.31E, h34km, mb5.7, ML5.9, MS6.4 DJA 02 15:19:32.6.0.2.5, S:1.10E, h46km, 3km, mb5.7/108, mb5.6/108, mb6.0/87, MLv6.1/34, Mw(mb)5.6/87, Mwps:9.2/5

ISC 02 15:19:31.0.3.0, 4.57S, 101.32E, h25km, 1km, h25km, pP, n1129, r1544/1164, mb5.6/223, MS5.6/265, 74C-34D, Southern Sumatera

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

Main table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their associated data points.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their associated data points, including some with additional parameters like PFAKE and IAMB.

WMQ	comp=Z,5µm,20.0s	LR	LR				
WMQ	comp=Z,5µm,20.0s	LR	LR				
SNY	Shenyang	50.44	22	↑P	P	15 28 25.0	-1.8
SNY	comp=Z,45nm,1.9s				pmax		
SNY	comp=Z,1µm,5.7s				LR	LR	
SNY	comp=Z,7µm,18.0s				LR	LR	
SNY	comp=Z,10µm,19.8s				LR	LR	
RABL	Rabaul	50.69	92	PFAKE	LR	15 28 40.0	+11
RABL	comp=Z,3µm,22.0s				LR	LR	
SHLS	Shalkode	51.31	340	↑P	P	15 28 34.5	+0.8
SHLS	comp=Z,1µm,1.4s				iS	S	15 35 52.6 +1.1
SHLS					LR	LR	15 54 30.1
PDGK	Podgornoye	51.60	340	↑P	P	15 28 35.3	-0.2
PDGK	comp=Z,275nm,1.5s				pmax		
PAF	Port-aux-Franc	51.83	205	PFAKE	LR	15 28 50.0	+13
PAF	comp=Z,7µm,20.0s				LR	LR	
EIDS	Eidsvold	51.95	119	eP	P	15 28 38.1	-0.4
EIDS	comp=Z,237nm,1.7s				LR	LR	
INU	Inuyama	51.96	37	eP	P	15 28 35.9	-2.4
INU	comp=Z,47nm,1.0s				LR	LR	
KZA	Kyzart	52.14	336	P	P	15 28 41.0	+1.0
KZA	SNR=17						
TGN	Turgen	52.24	338	↑P	P	15 28 40.8	+0.2
TGN	comp=Z,450nm,0.8s				iS	S	15 36 05.1 +1.1
MDOK	Medeo	52.34	338	↑P	P	15 28 41.2	0.0
MDOK	comp=Z,902nm,1.5s				iS	LR	15 36 06.0 +0.6
MDOK					LR	LR	15 54 26.3
SONM	Songino Array	52.37	4	P	P	15 28 41.4	0.0
SONM	comp=Z,175nm,0.9s,baz=187,slo=7.6,SNR=256				LR	LR	15 53 07.1
SONM	comp=Z,8µm,20.9s,baz=192,slo=39						
SONA1	Songino Array	52.38	4	eP	P	15 28 41.3	-0.2
ULN	Ulaanbaatar	52.45	5	eP	P	15 28 42.2	+0.2
ULN	comp=Z,79nm,1.0s				pmax	pmax	
ULN	comp=Z,6µm,17.0s				MLR	MLR	
ULN	SNR=112						
ULN	Ulaanbaatar	52.45	5	P	P	15 28 42.3	+0.3
ULN	SNR=112						
ULN	Ulaanbaatar	52.45	5	P	P	15 28 41.4	-0.6
ULN	comp=Z,138nm,1.4s,comp=Z,2µm						
ULN	Ulaanbaatar	52.45	5	eP	P	15 28 41.5	-0.6
ULN	comp=Z,119nm,1.0s				LR	LR	
AAA	Alma-Ata	52.47	338	iP	P	15 28 44.4	+2.3
AAA	comp=Z,1µm,2.2s				iS	S	15 36 10.5 +3.5
AAA	comp=Z,1µm,2.2s				pmax	pmax	
AAA	comp=E,4µm,4.1s				smax	smax	
AAA	Alma-Ata	52.47	338	iP	P	15 28 42.0	-0.1
AAA	comp=E,2µm,2.7s				iS	S	15 36 06.3 -0.8
AAA	comp=E,2µm,16.1s				LR	LR	15 54 45.8
UCH	Uchtor	52.57	335	P	P	15 28 43.5	+0.2
UCH	SNR=17						
TKM2	Tokmak	52.70	336	P	P	15 28 43.5	-0.5
TKM2	comp=Z,155nm,1.8s				pmax	pmax	
TKM2	Tokmak 2	52.70	336	P	P	15 28 43.8	-0.2
TKM2	SNR=30						
TKM2	Tokmak 2	52.70	336	eP	P	15 28 43.5	-0.5
TKM2	comp=Z,72nm,0.8s				LR	LR	
KBK	comp=Z,6µm,21.0s						
KBK	Karagaybulak	52.74	336	P	P	15 28 44.6	+0.3
KBK	SNR=27						
UOSS	Minazif	52.74	306	PFAKE	LR	15 29 00.0	+16
UOSS	comp=Z,2µm,19.0s				LR	LR	
CN2	Changchung	52.83	22	↑P	P	15 28 43.7	-1.0
CN2	comp=Z,200nm,8.0s				eP	P	15 28 50.8 -1.8
CN2	comp=Z,90nm,1.1s				eS	S	15 36 09.7 -2.1
CN2	comp=Z,220nm,8.0s				pmax	pmax	
CN2	comp=Z,10µm,17.0s				LR	LR	
CN2	comp=Z,4µm,17.0s				LR	LR	
CN2	comp=Z,13µm,18.0s				LR	LR	
AML	Almayashu	52.84	334	P	P	15 28 46.7	+1.5
AML	SNR=25						
AAK	Ala-Archa	52.91	335	P	P	15 28 45.8	+0.4
AAK	comp=Z,11nm,0.7s,baz=154,slo=7.1,SNR=20				LR	LR	15 53 40.2
AAK	Ala-Archa	52.91	335	P	P	15 28 45.6	+0.1
AAK	comp=Z,6µm,21.1s,baz=144,slo=39				LR	LR	
AAK	Ala-Archa	52.91	335	P	P	15 28 45.9	+0.4
AAK	comp=Z,132nm,2.1s						
AAK	Ala-Archa	52.91	335	P	P	15 28 45.0	+0.4
AAK	comp=Z,178nm,1.6s,SNR=12						
AAK	Ala-Archa	52.91	335	P	P	15 28 45.9	+0.4
AAK	SNR=24						
AAK	Ala-Archa	52.91	335	P	P	15 28 45.9	+0.4
AAK	SNR=24						
AAK	Ala-Archa	52.91	335	eP	P	15 28 45.6	+0.1
AAK	SNR=24						
CHKK	Chushkaly	52.96	338	iP	P	15 28 45.4	-0.3
CHKK	comp=Z,297nm,1.0s				iS	S	15 36 12.4 -1.3
CHKK	Bishkek	53.02	336	↑P	P	15 28 46.0	-0.2
FRU	comp=Z,220nm,2.2s				eS	S	15 36 15.0 +0.4
FRU	comp=Z,220nm,2.2s				pmax	pmax	15 36 30.0
FRU	comp=E,2µm,10.0s				smax	smax	
CHMS	Chumysh	53.11	336	P	P	15 28 46.6	-0.1
CHMS	SNR=15						
KUU	Kurty	53.23	338	↑P	P	15 28 47.2	-0.5
KUU	comp=E,2µm,1.1s				iS	S	15 36 17.2 -0.1
KUU	comp=E,2µm,1.1s				iLR	LR	15 54 37.4
EKS2	Erkin-Say	53.23	335	P	P	15 28 47.7	-0.1
EKS2	SNR=38						
EKS2	Erkin-Say	53.23	335	PFAKE	LR	15 29 00.0	+12
USP	Ospenovka	53.43	336	P	P	15 28 49.9	+0.7
USP	SNR=22						
MAJO	Matsushiro	53.47	37	eP	P	15 28 47.2	-2.4
MAJO	comp=Z,83nm,1.0s				pmax	pmax	
MAJO	Matsushiro	53.47	37	eP	P	15 28 46.9	-2.6
MAJO	comp=Z,83nm,1.0s				LR	LR	
MAJO	comp=Z,2µm,21.0s				LR	LR	
MAT	Matsushiro	53.47	37	P	P	15 28 46.7	-2.9
MAT	comp=Z,67nm,0.9s,baz=210,slo=7.5,SNR=100				S	S	15 36 14.8 -6.0
MJAR	Matsushiro Arr	53.47	37	P	P	15 28 47.4	-2.2
MJAR	comp=Z,67nm,0.9s,baz=210,slo=7.5,SNR=100				ScP	ScP	15 33 54.2 +1.5
MJAR	comp=Z,6.5nm,1.2s,baz=212,slo=4.2,SNR=4						
CAN	Canberra	53.53	131	eP	P	15 28 50.3	+0.2
CAN	comp=Z,6.5nm,1.2s,baz=212,slo=4.2,SNR=4				eSP	eP	15 28 58.2 +0.1
CAN	Canberra	53.53	131	eP	P	15 28 50.2	+0.2

CAN	comp=Z,12µm,21.0s				LR	LR	
MNAS	Manas	53.65	334	P	P	15 28 50.9	0.0
MNAS	comp=Z,222nm,2.1s				pmax	pmax	
MK01	Makanchi Array	53.82	344	eP	P	15 28 50.4	-1.5
MKAR	Makanchi Array	53.84	344	P	P	15 28 51.0	-1.1
MKAR	comp=Z,50nm,0.8s,baz=175,slo=6.1,SNR=183						
ARMA	Armidale	53.85	125	P	P	15 28 53.7	+1.1
ARMA	comp=Z,112nm,1.4s				LR	LR	
ARMA	Armidale	53.85	125	P	P	15 28 53.7	+1.1
ZSN	Zaisan	53.90	346	iP	P	15 29 02.0	+9.5
ZSN	comp=Z,4µm,20.0s				iS	S	15 36 36.4 +1.0
ZSN	comp=Z,1µm,1.1s				LR	LR	15 55 33.9
MAKZ	Makanchi	53.95	344	eP	P	15 28 52.0	-0.8
MAKZ	comp=Z,72nm,1.3s				LR	LR	
MAKZ	comp=Z,3µm,22.0s						
MSHR	Mys Shuitsa	54.17	27	eP	P	15 28 53.8	-0.7
OPO	Ambohitratompo	54.62	251	eP	P	15 29 00.8	+2.4
OPO	comp=Z,17nm,1.2s,baz=77,slo=6.1,SNR=5.2						
ABPO	Ambohimpanom	54.64	250	eP	P	15 28 57.0	-1.6
ABPO	comp=Z,200nm,2.4s				pmax	pmax	
ABPO	Ambohimpanom	54.64	250	eP	P	15 29 00.1	+1.5
ABPO	comp=Z,197nm,2.5s				LR	LR	
ZAK	Zakamensk	54.76	2	eP	P	15 28 58.8	0.0
ZAK	comp=Z,3µm,20.0s				pmax	pmax	
VLA	Vladivostok	54.93	27	eP	P	15 28 59.1	-0.9
VLA	comp=Z,67nm,1.2s				MLR	MLR	
VLA	comp=Z,2µm,18.0s						
KK31	Karatay Array	55.03	333	iP	P	15 28 59.7	-1.1
KK31	comp=Z,39nm,1.6s				pmax	pmax	
KKAR	Karatay Array	55.03	333	eP	P	15 29 00.3	-0.5
KKAR	comp=Z,39nm,1.6s						
MDJ	Mudanjiang	55.14	24	P	P	15 29 00.7	-0.8
MDJ	comp=Z,3µm,20.0s				pP	pP	15 29 05.8 -3.7
MDJ	comp=Z,3µm,20.0s				eP	eP	15 29 10.0 -2.6
MDJ	comp=Z,3µm,20.0s				ScS	ScS	15 31 08.9 +3.2
MDJ	comp=Z,3µm,20.0s				SS	SS	15 36 44.4 +1.5
MDJ	comp=Z,3µm,20.0s				ScS	ScS	15 38 48.7 -0.4
MDJ	comp=Z,3µm,20.0s				pmax	pmax	15 40 28.9 +1.5
MDJ	comp=Z,47nm,1.3s				pmax	pmax	
MDJ	comp=Z,990nm,7.6s				LR	LR	
MDJ	comp=Z,5µm,18.6s				LR	LR	
MDJ	comp=Z,2µm,20.2s				LR	LR	
MDJ	comp=Z,5µm,20.2s				LR	LR	
MDJ	comp=Z,5µm,20.2s						
MDJ	comp=Z,77nm,1.1s				eP	P	15 28 59.9 -1.5
TAU	Tasmania Unive	55.77	140	PFAKE	LR	15 29 20.0	+14
TAU	comp=Z,6µm,20.0s				LR	LR	
USRK	Ussuriysk Ar.	55.82	26	P	P	15 29 05.2	-1.2
USRK	comp=Z,61nm,0.7s,baz=216,slo=5.2,SNR=101						
USRK	comp=Z,7µm,19.4s,baz=217,slo=38				LR	LR	15 54 50.1
HVS	Khovu-Aksy	55.87	354	eP	P	15 29 06.4	-0.4
HVS	comp=Z,36nm,1.2s				pmax	pmax	
HVS	comp=Z,30µm,19.0s				MLR	MLR	
HIA	Hailar	55.96	14	eP	P	15 29 05.9	-1.5
HIA	comp=Z,86nm,1.0s				LR	LR	
HIA	comp=Z,12µm,19.0s						
MOY	Mondy	56.02	360	eP	P	15 29 08.0	+0.1
MOY	comp=Z,159nm,2.2s				pmax	pmax	
TLY	Talaya	56.07	2	P	P	15 29 08.6	+0.5
TLY	comp=Z,44nm,0.8s,baz=224,slo=6.8,SNR=30						
TLY	Talaya	56.07	2	cP	P	15 29 08.5	+0.4
TLY	comp=Z,228nm,1.2s				eS	S	15 31 17.9
TLY	comp=Z,173nm,1.7s				pmax	pmax	15 36 57.1 +1.9
TLY	comp=Z,8µm,15.0s				MLR	MLR	
TLY	Talaya	56.07	2	P	P	15 29 08.1	0.0
TLY	comp=Z,489nm,1.0s,SNR=23						
TLY	Talaya	56.07	2	P	P	15 29 08.7	+0.7
TLY	SNR=52						
TLY	Talaya	56.07	2	P	P	15 29 08.7	+0.7
TLY	SNR=52						
TLY	Talaya	56.07	2	P	P	15 29 08.7	+0.7
TLY	SNR=52						
TLY	Talaya	56.07	2	eP	P	15 29 08.3	+0.3
TLY	comp=Z,88nm,1.0s				LR	LR	
IRK	Irkutsk						

DEV	Deva	85.23 317	jP	P	15 32 07.0 +1.2
LVV	L'vov	85.31 321	eP	S	15 32 06.7 +0.6
L'vov			eS	P	15 42 34.1 -1.1
IIGN	Ignalina	85.33 326	eP	IAMB	15 32 07.4 +1.4
IIGN			IAMB	P	15 32 16.8
QSPA	South Pole Qui	85.41 180	P	P	15 32 06.8 +0.4
IZAR	Zarasai	85.42 327	eP	IAMB	15 32 07.7 +1.2
IZAR			IAMB	P	15 32 17.1
ISAL	Salakas	85.44 327	eP	IAMB	15 32 07.8 +1.2
ISAL			IAMB	P	15 32 17.2
SKO	Skopje	85.53 313	eP	P	15 32 02.4 -5.0
DRGR		85.54 317	jP	P	15 32 07.5 +0.1
DRGR		85.54 317	jP	P	15 32 07.5 +0.1
NVL	N'azarevskaya	85.55 199	eP	S	15 32 09.6 +2.7
NVL			eS	P	15 42 28.1 -8.7
NVL			pmax	pmax	
NVL			MLR	MLR	
LVZ	Lovozero	85.63 340	eP	P	15 32 07.5 +0.2
LVZ			pmax	pmax	
LVZ			MLR	MLR	
LVZ	Lovozero	85.63 340	P	P	15 32 07.6 +0.2
LVZ			pmax	pmax	
LVZ	Lovozero	85.63 340	eP	P	15 32 07.0 -0.3
LVZ			MLR	MLR	
LVZ			LR	LR	
MDVR	Moldovita	85.84 315	jP	P	15 32 08.4 -0.5
VSU	Vasula	85.88 329	eP	P	15 32 02.9 +0.5
VSU			pmax	pmax	
AFI	Afiama	85.92 104	LR	LR	16 10 08.9
TRPA	Tarpa	85.92 319	ePnPh	P	15 32 08.7 -0.4
APA	Apaitiy	85.94 339	jP	S	15 32 12.6 +3.8
APA			iS	P	15 42 46.0 +5.3
APA			pmax	pmax	
APA			MLR	MLR	
BZS	Buzias	86.06 316	jP	P	15 32 09.6 -0.3
BZS			eP	P	15 32 09.6 -0.3
KWP	Kalvaria Pacla	86.11 320	jP	P	15 32 10.7 +0.6
KWP			eP	P	15 32 10.7 +0.6
SIRR	Siria	86.15 317	jP	P	15 32 10.3 -0.1
UZH	Uzhgorod	86.18 319	eP	P	15 32 09.4 -1.0
UZH			e	P	15 32 18.4
UZH			i	P	15 32 21.2
UZH			e	P	15 35 35.8
UZH			eS	P	15 37 30.2
UZH			MLR	MLR	15 42 40.6 -3.1
UZH			MLR	MLR	
UZH			MLR	MLR	
KOLS	Kolonickie sedl	86.25 320	eP	P	15 32 11.4 +0.6
KOLS			pmax	pmax	
KOLS			MLR	MLR	
KOLS			MLR	MLR	
TIR	Tirane	86.59 312	PFAKE	LR	
TIR			LR	LR	
SUW	Suwalki	86.73 325	eP	P	15 32 13.2 +0.2
SUW			eP	P	15 32 13.2 +0.2
DIVS	Divibare	86.94 314	jP	P	15 32 15.4 +1.0
FINES	FINESS Array B	86.98 332	P	P	15 32 13.9 -0.1
FINES			LR	LR	16 13 32.4
FINES			P	P	15 32 14.0 -0.1
FINES			pmax	pmax	
FINES			MLR	MLR	
STHS	Stebnicka Huta	87.00 320	eP	pmax	15 32 15.7 +1.2
STHS			pmax	pmax	
STHS			P	P	15 32 15.7 +1.2
STHS			eP	P	15 32 22.3 -0.6
STHS			eP	P	15 32 24.4 -1.1
STHS			eP	P	15 35 39.1 +1.2
PDG	Podgorica	87.21 313	jP	P	15 32 12.0 -3.6
NIE	Niedzica	87.61 320	eP	P	15 32 18.0 +0.5
NIE			eP	P	15 32 18.0 +0.5
PSZ	Piszkesteto	87.63 318	jP	P	15 32 18.0 +0.4
PSZ			jP	P	15 32 18.0 +0.4
PSZ			ePnPh	P	15 32 20.0 +2.4
PSZ			eP	P	15 32 17.6 0.0
PSZ			LR	LR	
PSZ			LR	LR	
OJC	Ojcow	88.07 321	eP	P	15 32 19.9 +0.3
OJC			eP	P	15 32 19.9 +0.3
OJC			eP	P	15 32 20.2 +0.7
LANS	Liptovska Anna	88.11 319	eP	P	15 32 21.1 +1.2
LANS			eSP	P	15 32 30.2 -1.0
LANS			eP	P	15 32 21.0 +1.2
LANS			eP	P	15 32 30.2 -1.0
PKSM	Moragy	88.21 316	jP	P	15 32 20.3 0.0
PKSM			jP	P	15 32 20.3 0.0
PKSM			ePnPh	P	15 32 20.1 0.1
KEV	Kevo	88.88 340	PFAKE	LR	15 32 30.0 +7.1
KEV			LR	LR	
BLY	Banja Luka	89.03 315	jP	P	15 32 25.3 +1.1
OKC	Ostrava-Krasne	89.06 320	eP	P	15 32 25.2 +1.0
OKC			e	P	15 32 33.2
OKC			e	P	15 35 58.1
OKC			eS	P	15 43 09.1 -2.2
OKC			MLR	MLR	
OKC			P	P	15 32 25.2 +1.0
OKC			PcP	P	15 32 28.0 +2.3
OKC			eP	P	15 32 33.2
OKC			xP	P	15 35 58.1 +3.7
OKC			eSP	P	15 43 09.1 -2.2
OKC			AMS	AMS	16 21 50.0
ARAO	ARCESS Array S	89.32 340	eP	P	15 32 25.1 +0.1
ARCES	ARCESS Array B	89.32 340	P	P	15 32 25.2 +0.2
ARCES			LR	LR	16 17 49.4
MORC	Moravsky Berou	89.44 320	jP	P	15 32 26.4 +0.3
MORC			jP	P	15 32 26.4 +0.3
MORC			eP	P	15 32 26.2 +0.1
CUC	Castrocuoco	89.47 310	eP	P	15 32 29.0 +2.6
CUC			LR	LR	
VRAC	Vranov	89.99 319	P	P	15 32 29.9 +1.2
WDD	Wied Dalam	90.05 306	PFAKE	LR	15 32 40.0 +1.1
WDD			LR	LR	
SNA4	Sanae	90.12 198	P	P	15 32 27.7 -1.2
DPC	Dobruska-Polom	90.29 320	eP	P	15 32 30.6 +0.5
DPC			e	P	15 32 39.3
DPC			e	P	15 36 05.1
DPC			eS	P	15 43 21.3 -1.6
DPC			MLR	MLR	
DPC			P	P	15 32 30.6 +0.5
DPC			eP	P	15 32 34.3 +3.1
DPC			eP	P	15 32 39.3 +0.8
DPC			eP	P	15 36 05.1 +0.9
DPC			eS	P	15 43 21.3 -1.6
DPC			AMS	AMS	16 22 00.0
CONA	Conrad Observa	90.31 318	jP	P	15 32 30.8 +0.5
KSP	Ksiaz	90.37 321	eP	P	15 32 31.6 +1.2
KSP			eP	P	15 32 31.6 +1.2

ARSA	Arzberg	90.47 317	jPcP	PcP	15 32 32.1 +0.1
BOJS	Bojanci	90.47 315	iP	P	15 32 31.7 +0.8
UPC	Ujice	90.51 320	eP	P	15 32 31.6 +0.6
UPC			eP	P	15 32 41.1 -1.3
UPC			eS	P	15 43 21.6 -3.1
UPC			MLR	MLR	
UPC			MLR	MLR	
UPC			eP	P	15 32 31.6 +0.6
UPC			eSP	P	15 32 35.0 +2.9
UPC			eS	P	15 43 21.6 -3.1
UPC			AMS	AMS	16 22 20.0
PERS	Pernice	90.68 317	jP	P	15 32 32.3 +0.3
SOKA	Soboth	90.74 317	jP	P	15 32 32.7 +0.3
VISS	Visnje	90.79 316	iP	P	15 32 34.1 +1.7
GOPC	GO Pecny, Ondr	91.23 320	eP	P	15 32 34.7 +0.3
GOPC			eS	P	15 32 44.3
GOPC			MLR	MLR	15 43 25.9 -5.5
GOPC			MLR	MLR	
GOPC			eP	P	15 32 34.7 +0.3
GOPC			eP	P	15 32 44.3 -1.5
GOPC			AMS	AMS	16 22 50.0
GOPC			AMS	AMS	
CLTB	Catibellotta	91.25 307	PFAKE	LR	15 32 50.0 +1.5
CLTB			LR	LR	
JAVS	Javornik	91.34 316	iP	P	15 32 41.1 +6.0
PRU	Pruhonice	91.39 320	eP	P	15 32 35.5 +0.4
PRU			e	P	15 32 44.8
PRU			e	P	15 36 18.4
PRU			eS	P	15 43 28.0 -4.8
PRU			MLR	MLR	
PRU			eP	P	15 32 35.5 +0.4
PRU			eP	P	15 32 44.8 -1.7
PRU			eP	P	15 43 28.0 -4.8
PRU			eS	P	15 43 33.2
PRU			AMS	AMS	16 22 50.0
PVCC	Panska Ves	91.43 320	eP	P	15 32 36.9 +1.6
PVCC			MLR	MLR	15 32 45.4
PVCC			eP	P	15 32 36.9 +1.6
PVCC			eP	P	15 32 40.4 -3.3
PVCC			eSP	P	15 32 45.1 -1.3
PVCC			AMS	AMS	16 22 50.0
PRA	Prague	91.47 320	eS	AMS	15 43 27.0 -6.5
PRA			AMS	AMS	16 22 50.0
VNA2	Neumayer-Watz	91.74 198	P	P	15 32 37.7 +1.3
GER2	GERESS Array S	91.84 319	eP	P	15 32 37.4 0.0
GER2	GERESS Array S	91.84 319	eP	P	15 32 37.4 0.0
GER2	GERESS Array B	91.84 319	P	P	15 32 37.3 0.0
BRG	Berggiesshobel	91.85 321	eP	P	15 32 37.8 +0.6
BRG			e	P	15 32 46.8
BRG			eS	P	15 43 37.0 +0.1
BRG			SS	SS	15 49 25.0 -2.0
BRG			eP	P	15 32 37.8 +0.6
BRG			eS	P	15 32 46.8
BRG			S	pmax	15 43 37.0 +0.1
BRG			MLR	MLR	
BRG			MLR	MLR	
BRG			MLR	MLR	
KHC	Kasperske Hory	91.94 319	eP	P	15 32 38.3 +0.5
KHC			e	P	15 32 47.1
KHC			eS	P	15 36 15.5
KHC			eS	P	15 43 28.8 -9.1
KHC			MLR	MLR	
KHC			eP	P	15 32 38.3 +0.5
KHC			eP	P	15 32 40.8
KHC			x	P	15 32 47.1
KHC			eP	P	15 36 15.5 -1.8
KHC			eS	P	15 43 28.8 -9.1
KHC			eS	P	15 43 35.5
KHC			AMS	AMS	16 23 50.0
KHC			eP	P	15 32 37.6 -0.2
CLL	Colim	92.48 321	eP	P	15 32 39.0 -1.1
CLL			i	P	15 32 48.6
CLL			eS	P	15 43 05.0
CLL			pmax	pmax	15 43 40.0 -2.5
CLL			MLR	MLR	
CLL			MLR	MLR	
CLL			eP	P	15 32 39.0 -1.1
CLL			iSP	P	15 32 48.6 +0.1
CLL			eP	P	15 33 04.4
CLL			eP	P	15 36 25.0 +3.6
CLL			eSP	P	15 43 05.0 -7.0
CLL			eS	P	15 43 40.0 -2.5
CLL			eS	P	15 44 53.0 -3.8
CLL			eS	P	15 46 36.0
CLL			eS	P	15 49 54.0 -0.2
CLL			eSS	P	15 53 30.0
CLL			eSSS	P	15 57 00.0
CLL			LmV	P	16 24 00.0
CLL			eP	P	15 32 40.2 +0.1
HFS	Hagfors	92.74 330	P	P	15 32 40.7 -0.4
HFS			LR	LR	16 18 30.4
SPITS	Spitsbergen Ar	93.40 348	P	P	15 32 43.4 -0.5
GRFO	Grafenberg	93.52 319	eP	P	15 32 49.0 +4.0
VLC	Villacollemand	93.82 314	PFAKE	LR	15 33 00.0 +1.3
VLC			LR	LR	
FUORN	Ofenpass-Fuorn	94.02 316	eP	P	15 32 50.4 +2.7
NB2	NORSAR Subarra	94.02 331	P	P	15 32 46.2 -0.9
NB2			P	P	15 32 46.2 -0.9
NOA	NORSAR Array B	94.02 331	P	P	15 32 46.9 -0.1
NOA			LR	LR	16 18 41.8
NB002	NORSAR Array S	94.19 331	eP	P	15 32 56.1 -0.1
KEST	Kesra	94.24 305	P	P	15 32 50.8 +2.0
KEST			LR	LR	16 19 30.1
KBS	Kingsbay	94.33 349	PFAKE	LR	15 33 00.0 +1.2
KBS			LR	LR	
VSL	Villasaito	94.38 309	PFAKE	LR	15 33 00.0 +1.1
VSL			LR	LR	
TUE	Stuetta	94.64 316	PFAKE	LR	15 33 00.0 +1.0
TUE			LR	LR	
KONO	Kongsberg	94.78 329	PFAKE	LR	15 33 00.0 +9.5
KONO					

2d 15h

Table with columns for event name, date, time, location, and status. Includes events like Wild Horse Val, Chamberlain Mo, Forest Hills D, Eggleton, etc.

2011 JAN

Table with columns for event name, date, time, location, and status. Includes events like Black Hills, Casper, Monument Peak, Preston Nutter, etc.

78

Table with columns for event name, date, time, location, and status. Includes events like Binghamton, Hopedale, Villa Florida, Willow Spring, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, h, m, s, ISC. Includes stations like Chichi jima, Haha-jima-NKT, Boso 4, Odawara 2, etc.

ISC 02 15:54:18.9.1.6, 17.63S;168.13E, h0km, mb4.0/8, mb1.4/1.9, mb1mx3.9/29, mbtmp3.9/9, ML3.7/1, Error ellipse: s-maj=49.9km s-min=24.5km az=130.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, h, m, s, ISC. Includes stations like Mont Dzumac, Stephens Creek, Warramunga Arr, etc.

ISC 02 16:00:19.2.1.0, 34.00N;25.49E, h0km, mb3.8/16, mb1.3/9.21, mb1mx3.8/41, mbtmp3.8/21, ML4.1/4, Error ellipse: s-maj=21.9km s-min=15.5km az=7.0

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

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

ISC 02 15:54:22.0.1.3, 17.81S;0.09E;168.1E;0.2, h32km, mb3.9/9, Error ellipse: s-maj=34.7km s-min=10.2km az=12.6

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

ISC 02 16:28:17.6.1.3, 27.20N;143.57E, h0km, mb3.4/3, mb1.3/6.4, mb1mx3.4/42, mbtmp3.4/4, ML3.4/1, Error ellipse: s-maj=28.6km s-min=2.4km az=158.0, Bonin Islands region

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

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

DDA 02 16:06:24.9, 37.57N;38.60E, h15km, MD3.2, ISK 02 16:06:24.2, 37.56N;38.59E, h5km, MD3.1, Error ellipse: s-maj=4.8km s-min=4.6km az=159.0

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

ISC 02 16:35:37.6.0.8, 18.39S;0.05E;69.4W;0.1, h137km, 8km, mb3.0/2, Error ellipse: s-maj=23.1km s-min=6.5km

MAN 02 16:32:59.8, 34N;122.72E, h6km, mb4.2, ML3.1, MS2.8, 2C-1D, Mindanao

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

ellipse: s-maj=10.3km s-min=6.4km az=106.3
 IDC 02 19:10:23.6, 0.5, 36.74N, 141.31E, h36km, 3km, mb3.9/25,
 mb1.4/1.28, mb1mx4.0/52, mbtmp4.1/28, ML4.2/3, MS3.6/20,
 Ms1.3/6.20, ms1mx3.4/38, Error ellipse: s-maj=13.4km
 s-min=11.1km az=117.0
 NEIC 02 19:10:23.5, 0.4, 36.77N, 141.32E, mb4.5/12, Error
 ellipse: s-maj=9.9km s-min=6.4km az=144.0
 NEIC Recorded [2 JMA] in Fukushima and Ibaraki; [1 JMA] in
 Chiba, Miyagi and Tochigi.

ISC 02 19:10:23.3, 0.5, 36.80N, 141.40E, 0.06, h35km, 3km,
 h36km, P-P, n141, r124/154, mb4.4/55, MS3.6/19,
 12C-19D, Near east coast of eastern Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
ONAJ	Iwakimizuishiy	0.57	302	U	19 10 34.4	-0.6
ONAJ				P	19 10 42.7	-0.5
JHO	Hitachi	0.69	255	U	19 10 35.7	-0.9
JHO				S	19 10 45.4	-0.7
JFK	Kawachi	1.01	324	U	19 10 36.2	-0.6
JFK				S	19 10 46.2	-0.3
JFT	Otama	1.12	311	U	19 10 43.1	+0.7
JFT				S	19 10 58.0	+1.5
JMM	Marumori	1.17	336	U	19 10 42.7	-0.4
JMM				S	19 10 58.2	+0.3
JFY	Yanaizu	1.49	295	P	19 10 48.4	+0.9
JFY				S	19 11 07.8	+2.1
MJAR	Matsushiro Arr	2.58	265	P	19 11 03.4	+0.9
MJAR				S	19 11 34.1	+1.5
MJAR	60m, 0.3s, baz=88, slow=15, SNR=667					
MJAR	41m, 0.3s, baz=90, slow=11, SNR=8.5					
MJAR	comp-Z, 987nm, 21.1s, baz=90, slow=49					
MAJO	Matsushiro	2.58	265	P	19 11 04.2	+1.7
MAJO	Matsushiro	2.58	265	P	19 11 04.2	+1.7
MAT	Matsushiro	2.58	265	P	19 11 04.1	+1.6
MAT				S	19 11 36.9	+4.2
JHJ	Hachijo jima 2	3.90	200	P	19 11 20.9	+0.3
JHJ				S	19 12 03.0	-2.2
JHJ	185m, 0.3s, baz=126, slow=22, SNR=6.7					
ERM	Erimo	5.39	141	P	19 11 40.1	-0.9
ASAJ	Asahikawa	7.37	7	P	19 12 07.5	-0.8
ASAJ	2.1m, 0.3s, baz=205, slow=19, SNR=5.1					
ASAJ	3.0m, 0.3s, baz=103, slow=29, SNR=3.8					
ASAJ	comp-Z, 250nm, 21.7s, baz=184, slow=41					
ASAJ	Asahikawa	7.37	7	P	19 12 08.8	+0.5
ASAJ				S	19 12 37.7	-0.9
YUK	Yuzh-Kuril'sk	7.99	24	P	19 12 13.0	-3.7
YUK				S	19 13 41.3	-4.5
YUK	comp-Z, 107nm, 0.5s					
YUK	comp-E, 41m, 0.4s					
JNU	Nakatsue	9.38	250	P	19 12 39.4	+3.5
JNU	comp-N, 0.5m, 0.3s, baz=50, slow=6, SNR=6.5					
JNU	comp-N, 168m, 18.3s, baz=72, slow=43					
JNU	Nakatsue	9.38	250	P	19 12 35.6	-0.3
KUR	Kuril'sk	9.74	28	P	19 12 38.5	-2.2
KUR				S	19 14 21.4	-7.3
YSS	Yuzh-Sakhalins	10.20	5	P	19 12 47.0	0.0
YSS				S	19 14 41.0	+0.9
YSS	comp-Z, 30m, 1.0s					
USRK	Ussuriysk	10.29	319	P	19 12 51.7	+3.3
USRK	comp-N, 1.1m, 0.3s, baz=122, slow=12, SNR=45					
KSR5	Korea Array	10.76	278	P	19 13 00.2	+5.1
KSR5	comp-N, 0.4m, 0.3s, baz=89, slow=13, SNR=18					
KSR5	comp-N, 393m, 18.7s, baz=90, slow=37					
KSAR	Wonju Array Be	10.81	277	P	19 13 00.2	+4.7
MDJ	Mudanjiang	11.88	315	P	19 13 16.4	+6.4
MDJ				S	19 15 31.6	+10
MDJ	comp-N, 22m, 1.1s					
MDJ	comp-N, 140m, 4.7s					
MDJ	comp-N, 160m, 23.2s					
MDJ	comp-N, 210m, 25.8s					
MDJ	comp-N, 380m, 23.2s					
MDJ	Mudanjiang	11.88	315	P	19 13 05.8	-4.2
HABR	Khabarovsk	12.56	340	P	19 13 17.0	-2.4
HABR	comp-Z, 51m, 2.7s					
HABR	comp-N, 32m, 2.7s					
TYV	Tymovskoe	14.09	3	P	19 13 35.0	-5.2
TYV	comp-Z, 11m, 0.8s					
NKL	Nikolayevsk	16.36	358	P	19 14 17.2	+4.7
PETK	Petrovskovsk-	19.90	30	P	19 14 55.4	+2.1
PETK	comp-Z, 0.2m, 0.3s, baz=209, slow=11, SNR=3.9					
PETK	comp-Z, 38m, 19.5s, baz=223, slow=38					
BJT	Baijituau	20.02	287	P	19 14 51.9	-1.0
BJT	comp-Z, 23m, 0.7s					
MA2	Magadan	23.59	12	P	19 15 31.5	+1.0
MA2	comp-Z, 7.3m, 0.7s, baz=232, slow=9, SNR=4.8					
MA2	comp-Z, 38m, 18.2s, baz=122, slow=42					
YAK	Yakutsk	26.30	348	P	19 15 54.2	-1.0
YAK	comp-Z, 1.2m, 0.4s, baz=342, slow=20, SNR=5.3					
YAK	comp-Z, 138m, 19.4s, baz=148, slow=37					
YAK	Yakutsk	26.30	348	P	19 15 53.9	-1.3
YAK				S	19 16 34.6	
YAK				S	19 20 19.6	-5.7
YAK				S	19 26 51.8	
YAK	comp-Z, 36m, 1.0s					
YAK	comp-N, 15m, 1.2s					
YAK	comp-E, 3.0m, 1.1s					
YAK	comp-Z, 123m, 2.9s					
YAK	comp-N, 102m, 3.5s					
YAK	comp-E, 158m, 3.3s					
YAK	comp-E, 199m, 3.4s					
YAK	comp-N, 59m, 3.2s					
YAK	comp-Z, 140m, 17.0s					
YAK	comp-N, 147m, 19.0s					
YAK	comp-E, 64m, 23.0s					
SEY	Seymchan	27.03	11	P	19 16 03.9	+2.2
ENH	Enshi	27.03	266	P	19 16 02.4	-2.2
ULN	Ulanbaatar	27.48	305	dEP	19 16 06.1	-0.1
ULN	comp-Z, 13m, 1.0s					
ULN	Ulanbaatar	27.48	305	eP	19 16 05.4	-0.7
BOD	Bodaibo	27.73	328	eP	19 16 07.3	-0.7
BOD	comp-Z, 7.0m, 0.8s					
SOM1	Songino Array	27.91	304	P	19 16 09.1	-0.9
SOM1	comp-Z, 3.9m, 0.6s, baz=109, slow=7.0, SNR=23					
H1N2	WAKE ISLAND Hy	28.04	120	T	19 45 28.7	
H1N2	baz=319, slow=75, SNR=421					
H1N1	WAKE ISLAND Hy	28.04	120	T	19 45 29.5	
H1N1	baz=313, slow=75, SNR=457					
H1N3	WAKE ISLAND Hy	28.05	120	T	19 45 30.3	

H1S1	WAKE ISLAND Hy	28.74	123	T	19 46 23.5	
H1S1	baz=315, slow=75, SNR=424					
H1S5	WAKE ISLAND Hy	28.74	123	T	19 46 20.7	
H1S5	baz=315, slow=76, SNR=269					
H1S2	WAKE ISLAND Hy	28.75	123	T	19 46 20.4	
H1S2	baz=315, slow=76, SNR=183					
LZH	Lanzhou	30.10	280	eP	19 16 34.4	+4.8
LZH				pP	19 16 45.8	+6.1
LZH				pmax		
LZH	comp-Z, 15m, 1.0s					
LZH	comp-Z, 120m, 6.5s					
LZH	comp-Z, 320m, 13.7s					
LZH	comp-Z, 450m, 15.4s					
LZH	comp-Z, 400m, 17.1s					
ZAK	Zakamensk	30.41	309	eP	19 16 31.2	-0.9
ZAK				pmax		
GTA	Gaotai	32.62	287	eP	19 16 51.7	0.0
GTA				pP	19 16 58.9	-3.0
GTA				sP	19 17 02.0	-4.2
GTA				pmax		
GTA	comp-Z, 2.0m, 1.1s					
GTA	comp-Z, 2.0m, 1.1s					
GTA	comp-Z, 77m, 5.0s					
GTA	comp-Z, 130m, 17.1s					
GTA	comp-Z, 160m, 17.1s					
GTA	comp-Z, 200m, 16.2s					
BILL	Bilibino	34.26	16	eP	19 17 06.0	+0.6
BILL				e	19 19 43.0	
BILL				pmax		
BILL	comp-Z, 4.0m, 1.2s					
KRAR	Krasnoyarsk	37.63	316	eP	19 17 34.2	-0.2
KRAR				pmax		
WMQ	Urumqi	40.94	297	P	19 18 03.0	+0.7
WMQ				pP	19 18 13.6	+0.9
WMQ				pmax		
CHTO	Chiang Mai	41.23	256	P	19 18 04.7	-0.2
CHTO	comp-Z, 18m, 0.9s					
CHTO	comp-Z, 3.0m, 0.8s					
CMAR	Chiang Mai Arr	41.43	256	P	19 18 06.2	-0.3
CMAR	comp-Z, 0.5m, 0.6s, baz=46, slow=6.7, SNR=7.1					
CMAR	comp-Z, 93m, 18.6s, baz=86, slow=40					
CMAR	Chiang Mai Arr	41.43	256	eP	19 18 07.8	+1.3
CMAR				pmax		
ZALV	Zalesovo Beam	42.07	313	P	19 18 11.2	-0.2
ZALV	comp-Z, 4.3m, 0.5s, baz=96, slow=6.9, SNR=37					
ZALV	comp-Z, 1.0m, 0.7s, baz=99, slow=6.9, SNR=42					
ZALV				pP	19 20 05.4	-0.2
ZALV				pmax	19 26 37.2	
LSA	Lhasa	42.22	275	eP	19 18 13.5	0.0
LSA	comp-Z, 2.1m, 0.5s					
NVS	Novosibirsk	43.00	314	eP	19 18 18.6	-0.3
NVS	Makanchi Array	44.24	302	P	19 18 28.6	-0.4
NVS	comp-Z, 3.7m, 0.9s, baz=82, slow=10.0, SNR=24					
MKAR	comp-Z, 2.7m, 0.6s, baz=83, slow=10.0, SNR=22					
TAPN	Taplejung	45.95	274	eP	19 18 43.4	+0.2
TAPN	comp-Z, 7.8m, 0.4s					
KURK	Kurchatov	46.07	308	eP	19 18 41.9	-1.6
KURK	comp-Z, 30m, 0.8s					
ODAN	Odara	46.42	274	eP	19 18 46.9	+0.1
ODAN	comp-Z, 12m, 0.6s					
RAMN	Ramite	47.01	274	eP	19 18 51.5	0.0
RAMN	comp-Z, 17m, 0.6s					
JIRN	Jiri	47.03	275	eP	19 18 51.8	+0.1
GUN	Gumba	47.17	276	eP	19 18 52.6	-0.2
GUN	comp-Z, 24m, 0.5s					
PKI	Pulchoki	47.69	276	eP	19 18 56.5	-0.3
PKI	comp-Z, 14m, 0.8s					
KKN	Kakan	47.70	276	eP	19 18 56.8	0.0
KKN	comp-Z, 15m, 0.5s					
PKIN	Pulchoki	47.70	276	eP	19 18 56.7	-0.1
PKIN	comp-Z, 6.4m, 0.6s					
DMN	Damara	47.92	276	eP	19 18 58.1	-0.4
DMN	comp-Z, 9.9m, 0.6s					
KOLD	Koldanda	49.05	277	eP	19 19 06.8	-0.4
KOLD	comp-Z, 16m, 0.8s					
ILAR	Eielson Array	49.70	32	P	19 19 11.5	+0.1
ILAR	comp-Z, 0.8m, 0.7s, baz=262, slow=5.2, SNR=10					
ILAR	comp-Z, 2.1m, 0.7s, baz=266, slow=6.1, SNR=9.1					
TKM2	Tokmak 2	49.73	299	eP	19 19 11.9	-0.3
TKM2	comp-Z, 8.2m, 0.8s					
KSH	Kashi	50.49	294	eP	19 19 21.9	+4.0
KSH				sP	19 19 35.1	+2.4
KSH				ePP	19 21 19.8	+6.2
AAK	Ala-Archa	50.59	299	eP	19 19 18.3	-0.4
AAK				pmax		
BRVK	Borovoye	50.78	313	iP	19 19 19.0	-0.7
BRVK				pmax		
BRVK	Borovoye	50.78	313	eP	19 19 19.1	-0.7
BRVK	comp-Z, 7.0m, 0.8s					
KKAR	Karatay Array	53.24	300	eP	19 19 36.7	-1.5
KKAR	comp-Z, 3.3m, 0.6s					
INK	Inuvik	54.60	27	P	19 19 49.6	+1.9
INK	comp-Z, 0.7m, 0.6s, baz=321, slow=9.1, SNR=5.1					
SVE	Sverdlovsk	55.32	319	eP	19 20 03.8	+1.1
SVE				pmax		
ARU	Arti					

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SANI Sanana, SNI Sorong, SIJI Sorong, etc.

ISK 02 19:11:47.0,39.37N;40.15E,h23km,MD2.6
ISC/JB 02 19:11:48.0,5.39,31N;0.04,20.04,09E;0.04,h26km,1.0km,
Error ellipse: s-maj=6.3km s-min=4.7km az=14.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ERZN Erzincan, TNCL Tunceli-Merkez, BINGO Bingol, etc.

ISK 02 19:29:13.8,36.82N;28.11E,h78km,ML3.5
ISC/JB 02 19:29:13.6,0.4,36.75N;0.04,28.08E;0.03,h80km,4km,
Error ellipse: s-maj=4.2km s-min=4.1km az=40.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like YER Yerkesik, TURN Turunc, ARG Arkhangelos, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like YER Yerkesik, TURN Turunc, ARG Arkhangelos, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GOLH Golhisar, AKAS Kas, AKAS Kas, etc.

ISC 02 19:36:58.27.4,26.64N;144.17E,h0km,mb3.5/4,
mb1 3.7/5,mb1mx3.4/4,mbtmp3.5/5,ML2.9/1,Error
ellipse: s-maj=280.7km s-min=22.9km az=74.0, Bonin
Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MJAR Matsuhiro Arr, SONMG Songoing Array, WRA Warramunga Arr, etc.

ISC 02 19:49:33.8;2.1,26.97N;143.29E,h0km,mb3.1/2,
mb1 3.5/3,mb1mx3.1/42,mbtmp3.2/3,ML3.7/1,Error
ellipse: s-maj=36.9km s-min=24.9km az=46.0, Bonin
Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MJAR Matsuhiro Arr, SONMG Songoing Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BINT Bingol, TNCL Tunceli-Merkez, BINGO Bingol, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BTM Batman, WSI Waingapu, WBSI Waikabubak, etc.

ISC 02 19:58:41.6;1.4,9.83S;119.77E,h0km,mb3.6/4,
mb1 3.8/8,mb1mx3.7/27,mbtmp3.7/8,ML3.7/4,Error
ellipse: s-maj=79.0km s-min=19.6km az=57.0,
ISC/JB 02 19:58:45.3;0.5,9.82S;0.04;119.89E;0.03,h33km,
mb3.7/4, Error ellipse: s-maj=6.0km s-min=4.4km az=18.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like K22A Casper, PHWY Pilot Hill, PHWY Phwy, etc.

ISC 02 20:06:25.9,37.86N;30.60E,h20km,MD2.8
DDA 02 20:06:26.7,37.91N;30.63E,h7km,MD2.8
CSEM 02 20:06:26.5;0.2,37.88N;30.63E,h15km,MD2.8,Error
ellipse: s-maj=6.1km s-min=4.6km az=79.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BAGO Egridir- ISPA, BAGO Bago, BUCK Bucak, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BAGO Egridir- ISPA, BAGO Bago, BUCK Bucak, etc.

2d 20h

ROSC	El Rosal	43.02 359	eP	P	20 28 14.4	-1.9
GUYC	Guayana, Colomb	43.43 357	eP	P	20 28 21.2	+1.5
YOPC	Yopal, Colombi	43.53 1	eP	P	20 28 27.1	-3.0
NORC	Norcasia	43.75 358	eP	P	20 28 21.9	+0.1
RUSC	La Rusia	44.06 0	eP	P	20 28 25.0	+0.3
HELCO	Santa Helena	44.40 357	eP	P	20 28 27.2	-0.1
SOLC	Bahia Solano	44.55 354	eP	P	20 28 27.4	-0.6
BARC	Barichara	44.75 0	eP	P	20 28 26.5	-3.5
DBBC	Dabeiba	45.25 356	eP	P	20 28 34.3	+0.6
VNA3	Neumayer Olymp	45.76 156	eP	P	20 28 36.0	-1.2
GRMC	Gramalote, San	45.87 1	eP	P	20 28 36.9	-1.9
VNA1	Neumayer-Stat	46.12 155	eP	P	20 28 39.2	-0.7
OCAC	Ocana	46.39 0	eP	P	20 28 40.9	-1.9
VNA2	Neumayer-Watz	46.44 156	eP	P	20 28 41.3	-1.1
RCBR	Riachuelo	46.95 56	eP	P	20 28 47.4	+0.2
RCBR	Riachuelo	46.95 56	eP	P	20 29 13.8	
RCBR	Riachuelo	46.95 56	eP	P	20 28 46.8	-0.3
MOTC	Monteria, Cord	46.97 357	eP	P	20 28 48.4	+1.2
SDV	Santo Domingo	47.10 4	eP	P	20 28 47.1	-1.4
SDV	Santo Domingo	47.10 4	eP	P	20 28 42.3	-6.2
SDV	Santo Domingo	47.10 4	eP	P	20 28 46.6	-1.8
TRIS	Tristan da Cun	47.54 108	eP	P	20 28 51.2	-0.3
TRIS	Tristan da Cun	47.54 108	eP	P	20 28 49.2	-3.6
BCIP	Isla Barro Col	47.69 351	eP	P	20 28 50.7	-2.1
BCIP	Isla Barro Col	47.69 351	eP	P	20 28 51.2	-3.4
BCIP	Isla Barro Col	47.69 351	eP	P	20 28 52.3	-2.3
SNA3	Sanae	47.98 156	eP	P	20 49 10.8	
SNA3	Sanae	47.98 156	eP	P	20 29 10.8	
PTCN	Pitcairn Islan	49.31 268	PFAKE	LR	20 29 20.0	+1.5
PTCN	Pitcairn Islan	49.31 268	PFAKE	LR	20 29 08.2	+0.6
JTS	JuntasAbangare	49.62 345	eP	P	20 29 08.6	+1.0
JTS	JuntasAbangare	49.62 345	eP	P	20 29 09.8	+2.2
JTS	JuntasAbangare	49.62 345	eP	P	20 29 05.2	-2.5
JTS	JuntasAbangare	49.62 345	eP	P	20 30 28.6	-0.3
JTS	JuntasAbangare	49.62 345	eP	P	20 29 04.9	-4.4
URIC	Uribia, Colomb	49.85 2	eP	P	20 29 13.2	+2.9
TBH	Brigand Hill	49.97 16	eP	P	20 29 10.0	-0.9
TRN	Trinidad (W)	50.05 15	eP	P	20 29 16.6	+0.5
TOSP	Speyside Hill	50.87 16	eP	P	20 29 19.8	-1.6
GRGR	Grenville	51.45 15	eP	P	20 29 19.9	-1.6
GRGR	Grenville	51.45 15	eP	P	20 29 04.9	-4.4
GRGR	Grenville	51.45 15	eP	P	20 29 13.2	+2.9
GRGR	Grenville	51.45 15	eP	P	20 29 10.0	-0.9
GRGR	Grenville	51.45 15	eP	P	20 29 16.6	+0.5
GRGR	Grenville	51.45 15	eP	P	20 29 19.8	-1.6
GRGR	Grenville	51.45 15	eP	P	20 29 19.9	-1.6
COPN	Copaltepe	51.80 344	eP	P	20 29 21.0	-3.1
QSPA	South Pole Qui	51.85 180	P	P	20 29 22.6	-1.6
FCV	Fort Charlotte	52.63 15	eP	P	20 29 38.0	+8.6
SVB	Belmont	52.63 15	eP	P	20 29 27.6	-3.0
NVL	N'iazarevskaya	52.76 155	eP	P	20 31 23.0	
NVL	N'iazarevskaya	52.76 155	eP	P	20 32 39.7	
NVL	N'iazarevskaya	52.76 155	eP	P	20 36 54.7	-2.2
NVL	N'iazarevskaya	52.76 155	eP	P	20 29 32.4	-1.4
MCLT	Moule a Chique	53.12 15	eP	P	20 29 37.7	+3.5
CNCH	Conchagua	53.14 342	eP	P	20 29 36.1	+0.1
LCV	Lacayo	53.40 342	eP	P	20 29 34.3	-3.0
PACA	Pacayal	53.45 342	eP	P	20 29 43.0	+4.6
CAHU	Cacacuticaj	53.71 342	eP	P	20 29 37.7	+3.5
TGUH	Teguicigalpa,Un	53.77 343	eP	P	20 29 43.0	+4.6
TGUH	Teguicigalpa,Un	53.77 343	eP	P	20 29 37.7	+3.5
TGUH	Teguicigalpa,Un	53.77 343	eP	P	20 29 36.1	+0.1
LFRS	El Faro	53.78 341	eP	P	20 29 39.8	+1.0
BIM	Bigot	53.88 15	eP	P	20 29 38.1	-1.4
COLS	Colinas	53.88 341	eP	P	20 29 41.5	+1.9
SNET	Serv Nas Est T	53.88 341	eP	P	20 29 38.2	-1.3
PDF	Fort de France	54.08 15	eP	P	20 29 40.1	-0.8
PDF	Fort de France	54.08 15	eP	P	20 29 39.8	-1.2
PDF	Fort de France	54.08 15	eP	P	20 29 40.1	-0.8
PDF	Fort de France	54.08 15	eP	P	20 29 39.8	-1.2
PDF	Fort de France	54.08 15	eP	P	20 29 40.1	-0.8
RKT	Rikitea	54.14 267	eS	S	20 36 59.6	-1.7
RKT	Rikitea	54.14 267	eS	S	20 40 51.4	-0.3
RKT	Rikitea	54.14 267	eS	S	20 45 44.8	
RKT	Rikitea	54.14 267	eS	S	21 27 25.7	
PCM	Pelee Case Pet	54.15 15	eP	P	20 29 45.6	+4.2
RTR	El Retiro	54.20 340	eP	P	20 29 44.7	+2.8
RIBDL	Robieville	54.41 340	eP	P	20 29 40.9	-2.6
DLPL	La Plaine	54.64 14	eP	P	20 29 44.6	-0.3
IXG	Ixpaco	54.68 340	eP	P	20 29 45.2	-0.2
BBL	Barber's Block	54.79 14	eP	P	20 29 45.3	-0.7
TBG	Guadaloupe-3	55.07 14	eP	P	20 29 37.6	-1.0
TAG	Tarade	55.25 14	eP	P	20 29 46.6	-2.9
DEG	La Desirade	55.63 14	eP	P	20 29 50.3	-1.9
MLYT	Lee's Yard	55.82 13	eP	P	20 29 50.4	-3.0
ICMP	Isla Caja de M	56.35 8	eP	P	20 29 52.9	-4.2
CRPR	Cabo Rojo, PR	56.41 7	eP	P	20 29 54.7	-2.9
SEUS	St. Eustatius	56.44 12	eP	P	20 29 53.8	-4.0
SEUS	St. Eustatius	56.44 12	eP	P	20 37 43.1	-4.3
SEUS	St. Eustatius	56.44 12	eP	P	20 30 10.0	+1.2
SEUS	St. Eustatius	56.44 12	eP	P	20 29 52.6	-5.5
MTDJ	Mount Denham	56.45 355	eP	P	20 30 54.1	-0.7
MTDJ	Mount Denham	56.45 355	eP	P	20 34 43.0	-9.4
MTDJ	Mount Denham	56.45 355	eP	P	20 29 55.7	-2.5
OBIP	Obispado Ponce	56.49 8	eP	P	20 29 57.4	-1.1
SABA	Saba	56.52 12	eP	P	20 37 44.5	-4.1
SABA	Saba	56.52 12	eP	P	20 29 59.1	+0.7
SABA	Saba	56.52 12	eP	P	20 29 57.4	-1.1
SABA	Saba	56.52 12	eP	P	20 37 44.5	-4.1
SABA	Saba	56.52 12	eP	P	20 29 59.1	+0.7
CERP	Cerrillos	56.53 8	eP	P	20 29 56.5	-2.0
LSLP	Las Mesas	56.58 7	eP	P	20 29 57.0	-1.8
MPR	Mayaguez	56.61 7	eP	P	20 29 57.3	-1.7
SJG	San Juan	56.61 8	eP	P	20 29 57.6	-1.5
SJG	San Juan	56.61 8	eP	P	20 29 56.8	-2.3
SJG	San Juan	56.61 8	eP	P	20 29 56.8	-2.3
SJG	San Juan	56.61 8	eP	P	20 29 58.2	-0.8
SJG	San Juan	56.61 8	eP	P	20 29 58.2	-2.3
SJG	San Juan	56.61 8	eP	P	20 29 58.2	-0.8
SJG	San Juan	56.61 8	eP	P	20 29 58.2	-2.3
PAPH	Port-au-Prince	56.62 1	eP	P	20 30 01.0	+1.9
PAPH	Port-au-Prince	56.62 1	eP	P	20 29 59.1	-0.1
SDD	Santo Domingo	56.64 9	eP	P	20 29 58.8	-0.8
HUMP	Col San Antoni	56.68 9	eP	P	20 29 58.8	-0.8
LRS	Lares	56.72 7	eP	P	20 29 58.8	-0.8

AOPR	Arecibo Observ	56.78 8	eP	P	20 29 59.2	-1.1
ANWB	Willby Bob	56.82 13	eP	P	20 29 58.0	-2.6
ANWB	Willby Bob	56.82 13	eP	P	20 29 58.0	-2.6
SMRT	St. Maarten	56.97 12	eP	P	20 29 56.7	-5.0
SMRT	St. Maarten	56.97 12	eP	P	20 29 59.6	-2.0
SMRT	St. Maarten	56.97 12	eP	P	20 29 56.7	-5.0
SMRT	St. Maarten	56.97 12	eP	P	20 29 59.6	-2.0
STVI	Saint Thomas	56.99 10	eP	P	20 29 57.9	-3.8
SDDR	Santos	57.10 2	eP	P	20 30 00.3	-2.3
SDDR	Santos	57.10 2	eP	P	20 30 00.3	-2.3
GTBY	Guantanamo Bay	58.03 358	eP	P	20 30 08.7	-0.3
GTBY	Guantanamo Bay	58.03 358	eP	P	20 30 08.7	-0.3
SBA	Scott Base	58.56 192	eP	P	20 30 13.4	+1.2
SBA	Scott Base	58.56 192	eP	P	20 30 13.4	+1.2
SBA	Scott Base	58.56 192	eP	P	20 30 13.4	+1.2
SBA	Scott Base	58.56 192	eP	P	20 30 13.4	+1.2
VNDA	Vanda	59.59 192	eP	P	20 30 18.5	-0.7
VNDA	Vanda	59.59 192	eP	P	20 30 18.5	-0.7
VNDA	Vanda	59.59 192	eP	P	20 30 18.5	-0.7
VNDA	Vanda	59.59 192	eP	P	20 30 18.5	-0.7
VNDA	Vanda	59.59 192	eP	P	20 30 18.5	-0.7
VNDA	Vanda	59.59 192	eP	P	20 30 18.5	-0.7
GRTK	Grand Turk	59.62 2	eP	P	20 59 56.5	
GRTK	Grand Turk	59.62 2	eP	P	20 30 19.1	-0.9
TEIG	Teich	59.96 344	eP	P	20 30 21.4	-1.0
TEIG	Teich	59.96 344	eP	P	20 30 21.4	-1.0
TEIG	Teich	59.96 344	eP	P	20 30 21.4	-1.0
TEIG	Teich	59.96 344	eP	P	20 30 21.4	-1.0
TEIG	Teich	59.96 344	eP	P	20 30 21.4	-1.0
ASCN	Ascension	60.97 76	eP	P	20 30 32.5	+2.9
ASCN	Ascension	60.97 76	eP	P	20 30 32.5	+2.9
ASCN	Ascension	60.97 76	eP	P	20 30 32.5	+2.9
ASCN	Ascension	60.97 76	eP	P	20 30 32.5	+2.9
ASCN	Ascension	60.97 76	eP	P	20 30 32.5	+2.9
SYO	SYO	62.20 158	iX	P	20 30 25.8	-1.1
UNM	Universidad Na	62.31 332	eP	P	20 30 46.0	-0.4
UNM	Universidad Na	62.31 332	eP	P	20 30 46.0	-0.4
SHEL	Horse Pasture	62.85 89	eP	P	20 30 45.4	+3.1
SHEL	Horse Pasture	62.85 89	eP	P	20 30 45.4	+3.1
SHEL	Horse Pasture	62.85 89	eP	P	20 30 45.4	+3.1
SHEL	Horse Pasture	62.85 89	eP	P	20 30 45.4	+3.1
TBI	Tubuai	63.51 259	eP	P	20 31 00.0	+1.7
TBI	Tubuai	63.51 259	eP	P	20 31 00.0	+1.7
TBI	Tubuai	63.51 259	eP	P	20 31 00.0	+1.7
TBI	Tubuai	63.51 259	eP	P	20 31 00.0	+1.7
TBI	Tubuai	63.51 259	eP	P	20 31 00.0	

232A	Coleman	74.07	337	P	P	20 31 50.6	-1.4
330A	Mertzong	74.11	336	P	P	20 31 51.1	-1.2
SWET	Sewanee	74.15	349	eP	P	20 31 51.5	-0.9
Z37A	Pogue Cattle C	74.16	341	P	P	20 31 52.2	-0.2
CPCT	Cooper Cave	74.19	351	eP	P	20 31 51.4	-1.2
134A	White-Moore Ra	74.25	339	P	P	20 31 51.9	-1.0
TKL	Tuckaleechee C	74.30	351	P	P	20 31 52.2	-1.0
TKL	Tuckaleechee C	74.30	351	eP	P	20 31 52.0	-1.2
TKL	comp-Z,1um,1.8s			LR	LR		
231A	Bronte	74.32	336	P	P	20 31 52.2	-1.2
RAR	Rarotonga	74.40	255	LR	LR	20 57 14.9	
RAR	Rarotonga	74.40	255	PFAKE	LR	20 32 10.0	+1.6
Z36A	Blue Ridge	74.44	340	P	P	20 31 53.5	-0.6
Y39A	Lockesburg	74.49	342	P	P	20 31 53.5	-0.8
133A	Hamilton Ranch	74.52	338	P	P	20 31 53.5	-1.1
230A	Sterling City	74.53	336	P	P	20 31 53.5	-1.2
Y38A	Idabel	74.63	342	P	P	20 31 54.3	-0.9
Z35A	Perchaven, San	74.72	339	P	P	20 31 54.9	-0.8
ABTX	Abiene, Hawle	74.76	337	P	P	20 31 54.9	-1.1
ABTX	Abiene, Hawle	74.76	337	eP	P	20 31 54.8	-1.2
UALR	University of	74.89	344	eP	P	20 31 56.4	-0.2
Y37A	Hugo	74.90	341	P	P	20 31 55.9	-0.8
MIAR	Mount Ida	74.94	343	eP	P	20 31 55.3	-1.6
MIAR	Mount Ida	74.94	343	P	P	20 31 55.0	-0.9
MIAR	Mount Ida	74.94	343	eP	P	20 31 55.3	-1.6
Z34A	Collier Ranch,	74.95	339	P	P	20 31 56.8	-0.2
Y36A	Durant	75.00	340	P	P	20 31 57.7	+0.4
131A	Roby	75.03	337	P	P	20 31 56.8	-0.8
Z33A	Whitaker Ranch	75.11	338	P	P	20 31 56.8	-1.1
130A	Snyder	75.14	336	P	P	20 31 56.9	-1.3
Y35A	Marietta	75.21	340	P	P	20 31 58.1	-0.4
HBAR	Harrisburg	75.29	346	eP	P	20 31 59.2	+0.3
WWT	Waverly	75.34	348	eP	P	20 31 57.4	-1.8
WWT	Waverly	75.34	348	eP	P	20 31 57.4	-1.8
Z32A	Haskell	75.34	338	P	P	20 31 58.1	-1.2
X38A	Whitesboro	75.36	342	P	P	20 31 58.9	-0.5
HALT	Halls	75.39	347	eP	P	20 31 59.9	+0.4
X37A	Clayton	75.42	341	P	P	20 31 59.0	-0.6
Y34A	Reagan Ranch,	75.45	339	P	P	20 31 58.8	-1.1
BLA	Blacksburg	75.51	354	eP	P	20 31 59.5	-0.7
BLA	Blacksburg	75.51	354	eP	P	20 31 59.5	-0.7
BLA	comp-Z,2um,2.5s			LR	LR		
Z31A	Sharp Cattle R	75.55	337	P	P	20 31 59.4	-1.1
GNAR	Gosnell	75.57	346	eP	P	20 32 01.0	+0.6
X36A	Centrahoma	75.65	341	P	P	20 31 59.5	-1.5
X35A	Drake	75.66	340	P	P	20 32 00.0	-1.0
W38A	Poteau	75.67	342	P	P	20 32 00.8	-0.3
UTMT	University of	75.72	347	eP	P	20 32 01.9	+0.5
GLAT	Glass	75.73	347	eP	P	20 32 01.5	+0.1
Y33A	Hilltop Ranch,	75.75	339	P	P	20 32 00.6	-1.0
JSRW	J. Sargeant Ranc	75.82	356	eP	P	20 32 01.4	-0.5
Z30A	Sanderson Ranch	75.83	336	P	P	20 32 00.9	-1.3
MNTX	Cornudas Mount	75.83	332	P	P	20 32 00.4	-1.7
MNTX	Cornudas Mount	75.83	332	eP	P	20 32 00.1	-2.0
MNTX	comp-Z,89um,21.0s			LR	LR		
Y32A	R-V Farms, Ver	75.98	338	P	P	20 32 01.9	-1.1
X34A	Smith Ranch, M	76.08	339	P	P	20 32 02.8	-0.6
W36A	Wetumok	76.16	341	P	P	20 32 02.1	-1.8
Y31A	Rekieta Farm,	76.19	337	P	P	20 32 04.6	+0.4
PARMO	Parma	76.20	347	eP	P	20 32 02.6	-1.4
X33A	Lawton	76.21	339	P	P	20 32 03.9	-0.3
Y30A	Stafford Catti	76.30	337	P	P	20 32 04.9	+0.1
CBN	Corbin Frederi	76.31	357	eP	P	20 32 05.3	+0.7
CBN	comp-Z,28um,20.0s			LR	LR		
X32A	Elmer	76.32	338	P	P	20 32 04.7	-0.2
W35A	Tecumseh	76.34	340	P	P	20 32 03.8	-1.2
V38A	Canehill	76.40	343	P	P	20 32 04.1	-1.1
PBMO	Poplar Bluff	76.43	346	eP	P	20 32 03.8	-1.6
WMOK	Wichita Mounta	76.47	339	eP	P	20 32 04.0	-1.7
WMOK	Wichita Mounta	76.47	339	eP	P	20 32 04.0	-1.7
WMOK	comp-Z,533nm,1.5s			LR	LR		
V37A	Hulbert	76.59	342	P	P	20 32 05.5	-0.8
W34A	Bridge Creek,	76.66	340	P	P	20 32 06.2	-0.6
W34A	Bridge Creek,	76.66	340	eP	P	20 32 06.0	-0.8
V36A	Jenks	76.70	341	P	P	20 32 05.9	-1.1
X31A	McDonald Ranch	76.72	338	P	P	20 32 05.9	-1.2
W33A	Caddo, Fort Co	76.77	339	P	P	20 32 07.1	-0.3
TUL1	Leonard	76.78	341	P	P	20 32 06.2	-1.2
TUL1	Leonard	76.78	341	eP	P	20 32 06.0	-1.4
TUL1	comp-Z,597nm,1.1s			LR	LR		
X30A	Coker Ranch, T	76.82	337	P	P	20 32 07.4	-0.4
V35A	Meyer Ranch,	76.91	341	P	P	20 32 07.1	-1.0
U38A	Gravette	76.94	343	P	P	20 32 08.1	-0.2
W32A	Sentinel	76.97	338	P	P	20 32 07.8	-0.7
MSTX	Muleshoe	76.99	335	P	P	20 32 07.4	-1.3
MSTX	Muleshoe	76.99	335	eP	P	20 32 07.5	-1.3
MSTX	comp-Z,49um,19.0s			LR	LR		

GRM	Grahamstown	77.01	122	iP	P	20 32 07.4	-1.7
GRM	Grahamstown	77.01	122	iP	P	20 32 07.7	-1.4
U37A	Salina	77.09	342	P	P	20 32 08.8	-0.3
USIN	University of	77.11	348	eP	P	20 32 07.7	-1.5
SIUC	Southern Ilum,	77.12	347	eP	P	20 32 09.0	-0.3
MCQ	Macquire Isia	77.15	208	PFAKE	LR	20 32 20.0	+1.1
V34A	Guthrie	77.16	340	P	P	20 32 08.6	-0.9
V34A	Guthrie	77.16	340	eP	P	20 32 08.2	-1.4
WCI	Wyandotte Cave	77.16	350	eP	P	20 32 08.6	-0.9
WCI	Wyandotte Cave	77.16	350	eP	P	20 32 08.6	-0.9
LIC	Lamto	77.21	71	ePKIKP	P	20 32 10.2	-0.2
T40A	Mansfield	77.21	344	P	P	20 32 09.0	-0.8
U36A	Oologah	77.22	342	P	P	20 32 09.8	0.0
W31A	Holland Ranch,	77.23	338	P	P	20 32 09.7	-0.3
V33A	Lossen Ranch,	77.35	339	P	P	20 32 10.4	-0.2
W30A	Crocket Farms	77.42	337	P	P	20 32 11.1	0.0
U35A	Pawnee	77.45	341	P	P	20 32 10.8	-0.3
V32A	Arapaho	77.47	339	P	P	20 32 11.9	+0.6
AMTX	Amarillo	77.48	336	P	P	20 32 11.0	-0.4
AMTX	Amarillo	77.48	336	eP	P	20 32 10.6	-0.9
AMTX	comp-Z,45um,20.0s			LR	LR		
121A	Cookes Peak, D	77.48	331	P	P	20 32 11.8	+0.2
121A	Cookes Peak, D	77.48	331	eP	P	20 32 11.9	+0.2
SDMD	Soldier Dell	77.49	357	eP	P	20 32 12.1	+0.8
TIC	Toumudi	77.50	71	ePKIKP	P	20 32 10.3	-1.7
KIC	Kosan Boka	77.52	71	ePKIKP	P	20 32 10.2	-1.9
DBIC	Dimbokro	77.63	71	P	P	20 32 11.7	-1.0
DBIC	comp-Z,171nm,0.8s,baz=194,slow=5.3,SNR=137			LR	LR	21 02 33.1	
DBIC	Dimbokro	77.63	71	eP	P	20 32 11.9	-0.8
S40A	Lebanon	77.64	345	P	P	20 32 12.0	-0.2
T37A	Cheneyville 18	77.72	343	P	P	20 32 12.5	-0.1
U34A	Anderson Ranch	77.73	340	P	P	20 32 12.6	-0.1
U34A	Anderson Ranch	77.73	340	eP	P	20 32 12.8	+0.1
V31A	Spring Creek L	77.75	338	P	P	20 32 13.3	+0.4
U33A	Lingo Farm, Me	77.88	340	P	P	20 32 13.2	-0.4
T36A	Boggs Farm, Ca	77.89	342	P	P	20 32 13.7	+0.1
MCWV	Mont Chateau	77.90	355	eP	P	20 32 13.0	-0.6
MCWV	comp-Z,14um,22.0s			LR	LR		
S39A	Bolivar	77.90	344	P	P	20 32 13.6	0.0
T35A	Sooner Cattle	77.92	341	P	P	20 32 14.2	+0.4
OLIL	Olney	77.93	348	eP	P	20 32 13.0	-0.7
S38A	Stockton	77.97	343	P	P	20 32 13.7	-0.3
V30A	Spur Ranch, Mi	77.99	338	P	P	20 32 15.3	+1.0
MVL	Millersville	78.06	358	eP	P	20 32 14.7	+0.3
MVL	comp-Z,12um,22.0s			LR	LR		
U32A	Winter Ranch,	78.07	339	P	P	20 32 15.2	+0.5
BLO	Bloomington	78.12	350	eP	P	20 32 12.3	-2.5
BLO	Bloomington	78.12	350	eP	P	20 32 12.3	-2.5
T34A	McClaskey Farm	78.19	341	P	P	20 32 15.5	+0.2
SLM	Saint Louis	78.20	347	eP	P	20 32 14.4	-0.9
SLM	Saint Louis	78.20	347	eP	P	20 32 14.4	-0.9
R40A	Maddies Statio	78.26	345	P	P	20 32 15.3	-0.3
U31A	Nine Bar Ranch	78.21	338	P	P	20 32 17.1	+1.1
S37A	Fort Scott	78.31	343	P	P	20 32 15.6	-0.2
O56A	Blue Knob Stat	78.42	356	P	P	20 32 16.6	+0.1
R39A	Chumby Stover	78.44	344	P	P	20 32 16.4	-0.2
S36A	Lake Cedric, C	78.45	342	P	P	20 32 16.5	-0.2
TUC	Tucson	78.48	328	eP	P	20 32 16.8	-0.3
TUC	Tucson	78.48	328	eP	P	20 32 17.5	+0.4
TUC	Tucson	78.48	328	eP	P	20 32 16.8	-0.3
TUC	comp-Z,2um,2.5s			LR	LR		
BNN	Barren Site	78.49	332	eP	P	20 32 17.1	-0.2
R38A	Fenwick Farm,	78.51	344	P	P	20 32 16.4	-0.6
T33A	Patson Ranch	78.52	340	P	P	20 32 17.9	+0.8
Y22D	IRIS PASCALL I	78.53	332	P	P	20 32 17.5	+0.1
Y22D	IRIS PASCALL I	78.53	332	PFAKE	LR	20 32 30.0	+1.3
S35A	Otter Creek Ra	78.59	342	P	P	20 32 17.5	0.0
LPM	Los Pinos Moun	78.64	332	eP	P	20 32 19.0	+1.0
U30A	WK&E Inc. Balk	78.69	338	P	P	20 32 18.9	+0.8
ACSO	Alum Creek Sta	78.74	353	eP	P	20 32 16.7	-1.5
SSPA	Standing Stone	78.76	357	eP	P	20 32 18.2	0.0
SSPA	comp-Z,26um,21.0s			LR	LR		
MOZ	McQueen's Vall	78.78	223	eP	P	20 32 26.4	-0.2
MOZ	comp-Z,307um,21.0s			LR	LR		
T32A	Huddler Ranch,	78.80	339	P	P	20 32 19.5	+0.9
U29A	Oasis Ranch, S	78.80	337	P	P	20 32 19.8	+1.0
CPNY	Central Park	78.81	360	eP	P	20 32 19.3	+0.8
S34A	Willow Spring	78.81	341	P	P	20 32 18.7	0.0
BFZ	Birch Farm	78.83	227	eP	P	20 32 24.7	-2.2
BFZ	comp-Z,182um,20.0s			LR	LR		
R37A	Teagarden Farm	78.84	343	P	P	20 32 18.4	-0.4
MHGZ	Mahia Peninsul	78.87	229	ePN	P	20 32 25.0	+5.7
PRHZ	Poncha	78.88	227	PN	P	20 32 18.3	-0.5
CRZL	Canterbury Las	78.89	223	PFAKE	LR	20 32 30.0	+1.1
CRZL	comp-Z,306um,21.0s			LR	LR		

J28A	Allard Ranch, baz=160	85.26	340	P	P	20 32 53.2	+0.7
GRAC	Grapevine Rang baz=147	85.29	326	P	P	20 32 53.5	+0.8
COWI	Conover comp=Z,3um,2.9s	85.29	349	eP	P	20 32 52.5	0.0
COWI	comp=Z,23um,22.0s			LR	LR		
J27A	Elkhorn Farm, baz=158,SNR=24	85.31	339	P	P	20 32 53.0	+0.2
H32A	Carlson Farm, baz=161	85.33	343	P	P	20 32 53.1	+0.4
H33A	Prehn Over Nor baz=162,SNR=14	85.34	344	P	P	20 32 53.3	+0.5
G35A	Watkins baz=164,SNR=15	85.37	345	P	P	20 32 53.3	0.0
H31A	Wolsey baz=160	85.55	342	P	P	20 32 54.4	+0.7
RCTC	Rector, Farmer baz=146	85.55	324	P	P	20 32 54.8	+0.8
I29A	Vivian Onida baz=159	85.57	341	P	P	20 32 54.1	+0.1
LMQ	La Malbaie comp=Z,214nm,0.9s	85.60	2	eP	P	20 32 54.1	-0.9
LMQ	comp=Z,26um,21.0s			LR	LR		
NLU	North Lily Min comp=Z,3um,2.9s	85.64	331	eP	P	20 32 54.3	-0.3
NLU	comp=Z,111um,18.0s			LR	LR		
R11A	Troy Canyon, C baz=148	85.66	328	P	P	20 32 54.7	-0.1
R11A	Troy Canyon, C comp=Z,2um,2.6s	85.66	328	eP	P	20 32 54.1	-0.7
R11A	comp=Z,82um,20.0s			LR	LR		
J26A	Sides Ranch, S baz=157,SNR=17	85.66	339	P	P	20 32 55.5	+1.0
TIN	Tinemaha, Big baz=146	85.71	326	P	P	20 32 55.6	+0.7
G33A	Ortonville baz=162	85.76	344	P	P	20 32 54.6	-0.2
I28A	Midland baz=158,SNR=22	85.78	340	P	P	20 32 55.3	+0.3
F36A	Milaca baz=164,SNR=29	85.80	346	P	P	20 32 54.3	-0.7
J25A	Sunshine Ranch baz=156,SNR=20	85.94	338	P	P	20 32 56.0	+0.1
FSU	Fish Springs baz=160	85.95	330	eP	P	20 32 56.2	+0.1
JLU	Jordanelle comp=Z,3um,2.9s	85.97	332	eP	P	20 32 56.1	-0.2
JLU	comp=Z,97um,18.0s			LR	LR		
F35A	Swanville baz=164	86.00	345	P	P	20 32 56.2	+0.2
G32A	Webster baz=161	86.05	343	P	P	20 32 56.2	-0.1
I27A	Quinn baz=158,SNR=14	86.08	340	P	P	20 32 56.8	+0.3
F34A	Alexandria baz=163,SNR=9.4	86.08	345	P	P	20 32 56.5	+0.1
K22A	Casper baz=154,SNR=30	86.10	336	P	P	20 32 57.4	+0.6
K22A	Casper comp=Z,689nm,1.6s	86.10	336	eP	P	20 32 56.1	-0.7
K22A	comp=Z,36um,18.0s			LR	LR		
H29A	Onida baz=159	86.11	341	P	P	20 32 57.0	+0.4
DUG	Dugway, Tooele baz=159	86.13	331	eP	P	20 32 56.5	-0.5
DUG	Dugway, Tooele baz=159	86.13	331	eP	P	20 32 57.0	0.0
DUG	Dugway, Tooele comp=Z,376nm,1.3s	86.13	331	eP	P	20 32 56.5	-0.5
DUG	comp=Z,101um,18.0s			LR	LR		
CTU	Camp Tracy comp=Z,55nm,1.1s	86.16	332	P	P	20 32 54.1	-3.1
CTU	comp=Z,98um,19.0s			LR	LR		
G31A	Conde baz=161	86.19	343	P	P	20 32 57.1	+0.2
VLD0	Val d'Or comp=Z,449nm,1.4s	86.20	357	eP	P	20 32 56.5	-0.3
I26A	New Underwood baz=157	86.26	339	P	P	20 32 58.0	+0.5
E37A	Wrenshall baz=165	86.28	347	P	P	20 32 57.9	+0.5
G30A	Faulkton baz=169	86.32	342	P	P	20 32 57.9	+0.2
F33A	5 Mile Ranch, baz=162,SNR=18	86.34	344	P	P	20 32 57.7	0.0
H28A	Mission Ridge baz=159	86.36	341	P	P	20 32 57.9	0.0
E36A	McGregor baz=164,SNR=26	86.38	346	P	P	20 32 57.5	-0.4
MATP	Matopo comp=Z,172nm,1.1s,baz=228,slow=3.3,SNR=99	86.41	113	P	P	20 32 57.7	-1.3
I25A	Rochford baz=157,SNR=19	86.50	339	P	P	20 32 58.8	0.0
G29A	Hoven baz=159	86.57	342	P	P	20 32 59.2	+0.4
XMAS	Kiritimati comp=Z,225um,21.0s	86.59	275	PFAKE	LR	20 33 10.0	+1.0
H27A	Howes baz=158	86.61	340	P	P	20 32 59.0	-0.1
E35A	Pequot Lakes baz=164	86.64	346	P	P	20 32 59.3	+0.3
RSSD	Black Hills baz=164	86.68	338	eP	P	20 32 58.2	-1.5
RSSD	Black Hills baz=158	86.68	338	P	P	20 32 59.5	-0.2
RSSD	Black Hills comp=Z,52nm,0.8s	86.68	338	eP	P	20 32 58.2	-1.5
RSSD	comp=Z,225um,21.0s			LR	LR		
TOC5	Torodi Ar. Sit comp=Z,25um,22.0s	86.70	71	PFAKE	LR	20 33 10.0	+1.0
TOC5	comp=Z,86um,20.0s			LR	LR		
TOC6	Torodi Ar. Sit comp=Z,77um,20.0s	86.70	71	PFAKE	LR	20 33 10.0	+1.0
TOC6	comp=Z,159			LR	LR		
G28A	Parade baz=159	86.71	341	P	P	20 32 60.0	+0.4
TOB4	Torodi Ar. Sit comp=Z,79um,20.0s	86.71	71	PFAKE	LR	20 33 10.0	+1.0
TOB4	comp=Z,82um,21.0s			LR	LR		
TOC4	Torodi Ar. Sit comp=Z,81um,20.0s	86.71	71	PFAKE	LR	20 33 10.0	+1.0
TOC4	comp=Z,2.3nm,1.1s,baz=67,slow=3.5,SNR=3.7			LR	LR		
TOB5	Torodi Ar. Sit comp=Z,2.0um,18.1s,baz=220,slow=36	86.72	71	PFAKE	LR	20 33 10.0	+1.0
TOB5	comp=Z,82um,21.0s			LR	LR		
TOA3	Torodi Ar. Sit comp=Z,2.400nm,20.0s	86.72	71	PFAKE	LR	20 33 10.0	+1.0
TOA3	comp=Z,79um,20.0s			LR	LR		
TOC7	Torodi Ar. Sit comp=Z,200um,18.1s,baz=220,slow=36	86.72	71	PFAKE	LR	20 33 10.0	+1.0
TOC7	comp=Z,79um,20.0s			LR	LR		
TOA0	Torodi Ar. Sit comp=Z,79um,20.0s	86.72	71	eP	LR	20 32 58.8	-1.6
TOA0	comp=Z,159um,21.0s			LR	LR		
TORD	Torodi Ar. Bea comp=Z,74nm,0.9s,baz=226,slow=3.3,SNR=133	86.72	71	P	P	20 32 58.7	-1.6
TORD	comp=Z,2.3nm,1.1s,baz=67,slow=3.5,SNR=3.7			PKKPbc	PKKPbc	20 50 55.9	+2.0
TORD	comp=Z,20um,18.1s,baz=220,slow=36			LR	LR	21 12 45.5	
TOA1	Torodi Ar. Sit comp=Z,78um,20.0s	86.73	71	PFAKE	LR	20 33 10.0	+1.0
TOA1	comp=Z,79um,20.0s			LR	LR		
TOB3	Torodi Ar. Sit comp=Z,79um,20.0s	86.73	71	PFAKE	LR	20 33 10.0	+1.0
TOB3	comp=Z,400nm,18.0s			LR	LR		
TOA2	Torodi Ar. Sit comp=Z,79um,20.0s	86.73	71	PFAKE	LR	20 33 10.0	+1.0
TOA2	comp=Z,400nm,18.0s			LR	LR		
TOB1	Torodi Ar. Sit comp=Z,85um,20.0s	86.73	71	PFAKE	LR	20 33 10.0	+1.0
TOB1	comp=Z,79um,20.0s			LR	LR		
TOC3	Torodi Ar. Sit comp=Z,79um,20.0s	86.74	71	PFAKE	LR	20 33 10.0	+1.0
TOC3	comp=Z,79um,20.0s			LR	LR		
TOB2	Torodi Ar. Sit comp=Z,79um,20.0s	86.74	71	PFAKE	LR	20 33 10.0	+1.0
TOB2	comp=Z,79um,20.0s			LR	LR		

MCU	Monte Cristo P	86.75	332	eP	P	20 32 58.8	-1.4
TOC1	Torodi Ar. Sit	86.75	71	PFAKE	LR	20 33 10.0	+1.0
TOC1	comp=Z,87um,20.0s			LR	LR		
TOC2	Torodi Ar. Sit	86.75	71	PFAKE	LR	20 33 10.0	+1.0
TOC2	comp=Z,82um,20.0s			LR	LR		
F31A	Hecla baz=161	86.80	343	P	P	20 33 00.2	+0.3
BGU	Big Grassy Mou comp=Z,1um,2.2s	86.85	331	eP	P	20 32 59.6	-0.9
D37A	Cotton baz=165	86.85	347	P	P	20 33 00.3	+0.1
NV01	Mina Array Sit	86.89	326	eP	P	20 33 00.0	-0.8
NVAR	Mina Array Bea comp=Z,4.6nm,0.7s,baz=150,slow=5.4,SNR=25	86.89	326	eP	P	20 33 00.4	-0.5
NVAR	comp=Z,1.5nm,0.8s,baz=11,slow=1.6,SNR=6.2			PKKPbc	PKKPbc	20 50 55.3	+0.2
NVAR	comp=Z,0.2nm,0.3s,baz=330,slow=2			P'P'df	P'P'df	20 59 02.2	+5.4
NVAR	comp=Z,91um,22.0s,baz=154,slow=30			LR	LR	21 04 18.2	
PAF	Port-aux-Franc	86.89	157	PFAKE	LR	20 33 10.0	+9.3
PAF	comp=Z,104um,19.0s			LR	LR		
HOR	Horta comp=Z,259nm,1.3s	86.91	34	eP	P	20 33 07.8	+7.2
E33A	Westby DABS, E baz=162	86.91	345	P	P	20 33 00.2	-0.3
PCAN	Candelaria comp=Z,411nm,1.6s	86.92	34	eP	P	20 33 06.4	+5.7
SAO	San Andreas Ge	86.94	323	eP	LR	20 33 08.7	-0.2
SAO	comp=Z,59um,20.0s			PP	PP		
F30A	Leola baz=160	86.95	342	P	P	20 33 01.3	+0.6
PCED	Cedros baz=160	86.96	33	eP	P	20 33 07.0	+6.1
D36A	Goodland comp=Z,303nm,1.6s	87.00	347	P	P	20 33 01.8	+0.9
H25A	Fruitaile baz=165	87.02	339	P	P	20 33 01.6	+0.5
D35A	Remer baz=157	87.08	346	P	P	20 33 01.4	+0.1
HDU	Hyde Park comp=Z,134nm,1.7s	87.14	332	eP	P	20 33 00.4	-1.5
F29A	Eureka baz=160	87.14	342	eP	P	20 33 02.0	+0.3
C38A	Sawbill Land. baz=166	87.20	348	P	P	20 33 01.3	-0.6
BW06	Boulder Array	87.20	334	eP	P	20 33 02.3	0.0
BW06	Boulder Array comp=Z,2um,2.8s	87.20	334	eP	P	20 33 00.9	-1.4
BW06	comp=Z,137um,20.0s			LR	LR		
PDAR	Pinetale Array	87.20	334	P	P	20 33 00.8	-1.5
PDAR	comp=Z,9.3nm,0.8s,baz=131,slow=6.1,SNR=64			PKKPbc	PKKPbc	20 50 54.2	-0.4
PDAR	comp=Z,0.9nm,0.9s,baz=29,slow=3.4,SNR=4.0			P'P'df	P'P'df	20 59 02.3	+6.7
E32A	Braaten, Kind	87.22	344	P	P	20 33 02.4	+0.4
PSMA	Santa Maria baz=162	87.24	37	eP	P	20 33 05.7	+3.4
ROSA	Rosais comp=Z,333nm,2.3s	87.24	34	eP	P	20 33 02.8	+0.6
ROSA	Rosais comp=Z,221nm,1.7s	87.24	34	PFAKE	LR	20 33 10.0	+7.8
ROSA	comp=Z,38um,22.0s			LR	LR		
G27A	Dupree baz=158,SNR=18	87.26	340	P	P	20 33 01.3	-0.9
PSMN	Pico do Norte, comp=Z,364nm,2.2s	87.27	37	eP	P	20 33 04.4	+1.9
D34A	Park Rapids baz=163,SNR=17	87.30	345	P	P	20 33 02.1	-0.3
G26A	Maurine baz=157,SNR=12	87.36	340	P	P	20 33 02.5	-0.3
C37A	Embarrass baz=165	87.36	347	P	P	20 33 02.6	0.0
E31A	Nome baz=161	87.37	343	P	P	20 33 03.0	+0.3
F28A	McLaughlin baz=159	87.40	341	P	P	20 33 03.5	+0.6
EYMN	Ely baz=166	87.46	348	P	P	20 33 03.4	+0.3
EYMN	Ely comp=Z,713nm,1.7s	87.46	348	eP	P	20 33 03.3	+0.2
EYMN	comp=Z,33um,22.0s			LR	LR		
D33A	AnnSam, Waubun baz=162,SNR=14	87.48	345	P	P	20 33 03.7	+0.4
HVU	Hansel Valley	87.49	332	eP	P	20 33 02.5	-1.1
HVU	Hansel Valley comp=Z,3um,2.8s	87.49	332	eP	P	20 33 02.5	-1.1
HVU	comp=Z,70um,19.0s			LR	LR		
G25A	Newell baz=157	87.49	339	P	P	20 33 03.5	+0.2
C36A	Pine Crest Far baz=163,SNR=21	87.50	347	P	P	20 33 03.7	+0.4
ITZ	Itzhi-Tezhi	87.53	108	iP	P	20 33 05.0	+0.5
ITZ	comp=Z,31um,2.0s			LR	LR	20 36 31.1	
ITZ	comp=Z,31um,2.0s			LR	LR	20 43 42.5	
ITZ	comp=Z,31um,2.0s			LR	LR	20 43 39.9	
ITZ	comp=Z,31um,2.0s			LR	LR	20 36 29.9	
ITZ	comp=Z,31um,2.0s			LR	LR	20 36 29.9	
ELK	Elko comp=Z,18nm,0.9s,baz=337,slow=0.1,SNR=49	87.55	330	P	P	20 33 02.0	-0.2
ELK	Elko comp=Z,2um,2.6s	87.55	330	eP	P	20 33 03.3	-0.7
E30A	Jud baz=160,SNR=12	87.55	343	P	P	20 33 04.0	+0.4
ADH	Angra Heroismo baz=160,SNR=12	87.63	34	eP	P	20 33 09.1	+5.0
PSET	Sete Cidades comp=Z,444nm,1.9s	87.63	36	eP	P	20 33 06.5	+2.3
C35A	Jirik Farms, M baz=164,SNR=20	87.66	346	P	P	20 33 04.1	+0.1
GRON	Grota Negra	87.67</					

2d 20h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like BOZ Bozeman (W), WDC Whiskeytown Da, and NEW Newport.

2011 JAN

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like C09A Chrisman Ranch, F04A Amboy, and NEW Newport.

90

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PTOM Tomar, PCAS Casimiro, and WAKA Wapakoneta.

USA	Saint Aubin	107.51	41	eP	Pdif	AMS	AMS	20 34 30.0	-4.1	
USA								21 18 44.2		
LBL	Lubilhac	108.02	46	eP	PP			20 39 14.3	+7.7	
DSB	Dublin	108.06	36	PFAKE	LR			20 38 50.0		
comp=Z.84um,24.3s										
PYM	Petit Puy Mans	108.19	46	eP	PP			20 39 11.7	+3.8	
NWAO	Narrogin (SRO)	108.36	189	PFAKE	LR			20 39 00.0		
comp=Z.75um,20.0s										
VSL	Villasalto	108.38	54	PFAKE	LR			20 39 00.0		
comp=Z.72um,18.0s										
LPW	Lampeter	108.41	37	eP	Pdif			20 34 33.7	-4.3	
AGO	Saint Agoulin	108.44	46	eP	PP			20 39 14.7	+5.1	
ILLULI	Ilulissat	108.55	8	i P	Pdif			20 34 42.3	+4.1	
SSB	Saint Sauveur	108.79	47	PFAKE	LR			20 39 00.0		
comp=Z.54um,18.0s										
BATH	Bath	108.83	39	eP	Pdif	AMS	AMS	20 34 34.4	-5.5	
comp=Z.40um,20.5s								21 22 54.0		
MCH1	Michaelchurch	108.85	38	eP	Pdif	AMS	AMS	20 34 34.9	-5.1	
MCH1								21 23 33.7		
comp=Z.41um,20.5s										
OLDB	Oldbury-Upon-S	108.86	38	eP	Pdif	AMS	AMS	20 34 35.1	-4.9	
OLDB								21 22 44.0		
comp=Z.49um,20.8s										
WLF1	Lymfates	109.00	36	eP	Pdif	AMS	AMS	20 34 35.5	-5.1	
STRD	Stroud	109.12	39	eP	Pdif	AMS	AMS	20 34 36.9	-5.2	
comp=Z.42um,20.8s								21 23 03.2		
SWN1	Swindon	109.14	39	eP	Pdif			20 34 36.4	-4.8	
HLM1	Long Mynd	109.23	38	eP	Pdif			20 34 36.9	-4.8	
TARA	Tarawa	109.27	256	PFAKE	LR			20 39 00.0		
comp=Z.96um,20.0s										
WOL	Wolverton	109.30	39	eP	Pdif			20 34 38.0	-3.9	
FOEL	Foel Wyifa	109.31	37	eP	Pdif			20 34 36.8	-5.3	
WDD	Wied Dalam	109.73	60	PFAKE	LR			20 39 00.0		
comp=Z.153um,20.0s										
CLTB	Caltabellotta	109.80	57	PFAKE	LR			20 39 00.0		
comp=Z.164um,21.0s										
HMXN	Herstmonceux	109.81	40	eP	Pdif	AMS	AMS	20 34 40.3	-4.0	
HMXN								20 34 41.8		
comp=Z.66um,23.0s										
GALLI	Galloway	109.85	35	eP	Pdif			20 34 40.0	-4.3	
BNI	Bardonecchia	109.89	48	PFAKE	LR			20 39 00.0		
STNC	Stoke	109.91	37	eP	Pdif	AMS	AMS	20 34 39.6	-5.0	
STNC								21 24 08.4		
comp=Z.42um,19.8s										
CWF	Charnwood Fore	110.13	38	PFAKE	LR			20 39 00.0		
comp=Z.47um,20.0s										
BORG	Borgarnes	110.58	21	PFAKE	LR			20 39 00.0		
ESK	Eskdalemuir	110.81	35	PFAKE	LR			20 39 00.0		
EKA	Eskdalemuir Ar	110.84	35	PKKPbc	PKKPbc			20 49 54.8	+7.7	
DHAK	Deception Hill	110.92	330	PFAKE	LR			20 39 00.0		
comp=Z.47um,19.0s										
CTA	Charters Tower	110.95	220	PKKPbc	PKKPbc			20 49 48.5	+2.6	
CTAO	Charters Tower	110.95	220	PFAKE	LR			20 39 00.0		
comp=Z.6.1nm,0.8s,baz=214,slow=2.5,SNR=5.1										
SENIN	Lac Senin/Sane	110.99	47	PFAKE	LR			20 39 00.0		
comp=Z.72um,21.0s										
HNR	Honiara	111.23	238	PFAKE	LR			20 39 00.0		
LOMF	Lomont	111.27	46	eP	PKIKP			20 38 50.4	+0.9	
THEF	They Montfort	111.29	45	eP	PKIKP			20 38 45.9	-3.5	
WLC	Villacolemand	111.60	50	PFAKE	LR			20 39 00.0		
comp=Z.21um,21.0s										
MOF	Molkenrain	111.72	46	eP	PKIKP			20 38 50.6	+0.3	
ECH	Echery	111.94	45	eP	PKIKP			20 38 49.5	-1.1	
WLF	Walferdange	112.18	44	PFAKE	LR			20 39 00.0		
TUE	Stuetta	112.23	48	PFAKE	LR			20 39 00.0		
comp=Z.53um,22.0s										
PCA	Pinnacle	112.36	330	PFAKE	LR			20 39 00.0		
MEM	Membach	112.62	43	PKP	PKIKP			20 38 52.9	+1.1	
SFO	Black Forest	112.65	43	ePKP	PKIKP			20 38 52.9	+1.1	
DAVOX	Davos/Dischmat	112.71	48	PKKPbc	PKKPbc			20 49 48.6	+7.6	
FURI	Furi	112.76	97	PFAKE	LR			20 39 00.0		
comp=Z.1.9nm,0.8s,baz=172,slow=1.8,SNR=4.1										
CUC	Castrocuico	112.81	56	PFAKE	LR			20 39 00.0		
FUORN	Otenpass-Fuorn	112.85	48	ePKIKP	PKIKP			20 38 53.8	+1.1	
FUORN				ePKIKP	PKKPab			20 48 50.0	+4.0	
comp=Z.74um,20.0s										
DAVA	Damuels	112.98	48	iPKIKP	PKIKP			20 38 53.4	+0.6	
comp=Z.25um,1.0s				iPKIKP	PKIKP			20 38 54.2	+1.4	
TIP	Timpagrande	113.00	58	PFAKE	LR			20 39 00.0		
AS01	Alice Springs	113.15	207	ePKIKP	PKIKP			20 38 52.3	-1.6	
AS31	Alice Springs	113.17	207	PFAKE	LR			20 39 10.0		
ASAR	Alice Springs	113.17	207	Pdif	Pdif			20 35 02.5	+2.3	
comp=Z.0.6nm,0.8s,baz=155,slow=4.2,SNR=6.6										
ASAR				PKIKP	PKIKP			20 38 52.5	-1.4	
comp=Z.1.7nm,0.7s,baz=135,slow=1.8,SNR=9.8										
ASAR				PKKPbc	PKKPbc			20 49 39.2	+0.5	
KULLO	Kullorsuaq	113.20	5	i P	Pdif			20 35 00.4	+1.6	
comp=Z.56um,25.0s										
SUMG	Summit	113.31	11	i P	Pdif			20 35 05.1	+5.2	
SUMG	Summit	113.31	11	i P	Pdif			20 35 05.1	+5.2	
Feichten		113.33	48	iPKIKP	PKIKP			20 38 54.2	+0.7	
STU	Stuttgart	113.38	46	PFAKE	LR			20 39 00.0		
comp=Z.38um,18.0s										
MOTA	Moosalm	113.72	48	iPKIKP	PKIKP			20 38 54.9	+0.7	
comp=Z.13nm,0.8s										
RAGM	Ragged Mountai	114.30	329	PFAKE	LR			20 39 10.0	+1.5	
comp=Z.37um,21.0s										
TRI	Trieste	114.46	50	PFAKE	LR			20 39 10.0	+1.5	
DAWY	Dawson	114.51	334	PFAKE	LR			20 39 10.0	+1.5	
comp=Z.37um,20.0s										
JAVS	Javornik	114.73	50	i Pdif	Pdif			20 35 09.3	+2.9	
EYAK	Cordova Ski Ar	114.83	329	PFAKE	LR			20 39 55.8	+0.9	
GRFO	Grafenberg	114.99	46	ePKIKP	PKIKP			20 38 57.6	+1.3	
comp=Z.44um,21.0s										
LJU	Ljubljana	115.08	50	ePdif	Pdif			20 35 10.5	+2.6	
LJU				eP	PP			20 39 58.4	+1.2	
LJU				eSKP	SKP			20 42 25.2	-5.3	
LJU				eSdif	Sdif			20 47 40.2	+0.7	
LJU				eSS	SS			20 49 28.4		
LJU				ePdif	Pdif			20 50 22.2	+3.0	
BOJS	Bojanci	115.26	51	eP	PP			20 35 11.0	+2.3	
BOJS				eP	PP			20 39 59.7	+1.3	

BOJS	Inuvik	115.38	339	eSKS	SKS			20 45 46.1	+2.2	
BOJS				e	SKS			20 49 52.8		
INK	Inuvik	115.38	339	PKP	PKP			20 38 57.5	+1.0	
comp=Z.2.1nm,0.9s,baz=162,slow=6.4,SNR=3.5				PKP	PKP					
INK				PKP	PKP			20 38 57.5	+1.0	
comp=Z.60um,22.0s										
EGAK	Eagle	115.55	334	PFAKE	LR			20 39 10.0	+1.3	
HARP	HAARP	115.64	331	PFAKE	LR			20 39 10.0	+1.3	
comp=Z.35um,19.0s										
SOKA	Sotho	115.70	50	iPKP	PKP			20 38 58.1	+0.1	
comp=Z.20nm,1.3s										
PERS	Pernice	115.73	50	ePdif	Pdif			20 35 08.4	-2.4	
PERS				eP	PP			20 39 56.6	-5.0	
MOA	Molin	115.82	48	iPKP	PKP			20 38 57.6	-0.5	
MOA				iPKP	PKP			20 38 57.9	-0.2	
comp=Z.1.6nm,1.0s										
DOT	Dot Lake	115.93	332	PFAKE	LR			20 39 10.0	+1.2	
comp=Z.106um,20.0s										
GER2	GERESS Array S	115.98	47	ePKP	PKP			20 38 57.4	-1.0	
GER2				ePKP	PKP			20 38 58.2	-0.3	
comp=Z.59um,22.0s										
GERES	GERESS Array B	115.98	47	PKP	PKP			20 38 57.7	-0.7	
comp=Z.1.2nm,0.9s,baz=211,slow=1.6,SNR=3.6				PKP	PKP					
GERES				PKP	PKP			20 49 35.4	+3.5	
comp=Z.1.3nm,0.8s,baz=29,slow=3.0,SNR=6.7										
KHC	Kasperske Hory	116.05	47	eP	Pdif			20 35 14.7	+2.6	
KHC				e	SS			20 38 58.9		
KHC				e	SS			20 39 08.0		
KHC				e	SS			20 49 39.2		
KHC				eP	SS			20 49 42.5	+0.7	
KHC				eSS	MLR			20 56 02.8	-2.2	
comp=Z.56um,20.2s										
KHC	Kasperske Hory	116.05	47	ePdif	Pdif			20 35 14.7	+2.6	
KHC				ePKP	PKP			20 38 58.9	+0.4	
KHC				ePKP	PKP			20 39 08.0	+1.3	
KHC				eP	PP			20 40 03.8	-0.2	
KHC				eSKP	SKP			20 42 37.9		
KHC				eSKS	SKS			20 45 49.0	+2.2	
KHC				eSKKS	SKKS			20 47 08.4	+5.8	
KHC				eSP	SS			20 49 39.2	-2.6	
KHC				eSKKP	SKKP			20 53 23.4		
KHC				eSS	SS			20 56 02.8	-2.2	
KHC				eAMS	AMS			21 29 00.0		
comp=Z.56um,20.2s										
KHC	Kasperske Hory	116.05	47	ePKP	PKP			20 38 59.0	+0.4	
comp=Z.23um,21.0s										
BLY	Banja Luka	116.08	52							

MICGM	comp=E,25nm,20.0s	LRM	MLR	21 35 56.0	VSR	ePPP	PPP	20 44 46.4	KAPI	comp=Z,61µm,19.0s	LR	LR				
MNKK	Minsk	126.30	45 <i>e</i>	Pdf	20 36 06.0 +8.5	VSR	comp=E,10.0nm,1.1s	pmx	pmx	NAZ	Nazwa, Dubai	135.17	92	PKPdf	PKPdf	20 39 34.7 -1.1
MNKK			e	PPP	20 39 16.0	VSR	comp=Z,40nm,1.1s	pmx	pmx	CGJJ	Clinong	135.22	179	PKP	PKPdf	20 39 39.7 +3.5
MNKK			ePPP	PPP	20 48 08.0 +2.9	VSR	comp=N,10.0nm,1.0s	pmx	pmx	ASHO	Ashiyah	135.33	93	PKPdf	PKPdf	20 39 34.1 -2.0
MNKK			ePS	SS	20 51 16.0 -0.5	VSR	comp=Z,4µm,5.0s	pmx	pmx	HATD	Hatta, Dubai	135.46	92	iPKIKP	PKIKP	20 39 37.8 0.0
MNKK			eSS	SS	20 58 12.0 -3.8	VSR	comp=N,220nm,2.8s	pmx	pmx	UOSS	Sinraz	135.57	92	ePP	PP	20 42 17.0 +2.7
MNKK	comp=Z,360nm,1.0s		pmx	pmx		VSR	comp=E,860nm,4.2s	pmx	pmx	UOSS				LR	LR	
MNKK	comp=Z,33µm,24.0s		pmx	pmx		VSR	comp=E,860nm,4.2s	pmx	pmx	MAK	Makhachkala	135.75	65	eP	Pdf	20 36 39.8 0.0
MNKK	comp=Z,16µm,18.0s		MLR	MLR		VSR	comp=N,10.0nm,1.0s	pmx	pmx	MAK				e	SSS	20 40 11.1
MNKK	comp=N,41µm,20.0s		MLR	MLR		VSR	comp=Z,10.0nm,1.0s	pmx	pmx	MAK				e	SSS	20 05 14.3
MNKK	comp=E,59µm,20.0s		MLR	MLR		VSR	comp=N,10.0nm,0.3s	pmx	pmx	SANI	Sanana	135.96	209	PKP	PKPdf	20 39 33.3 -4.3
MNKK	comp=Z,103µm,20.0s		MLR	MLR		VSR	comp=N,10.0nm,0.3s	pmx	pmx	SANI				PKP	PKPdf	20 39 40.2 +1.0
MNKK	comp=Z,89µm,20.0s		MLR	MLR		VSR	comp=N,10.0nm,0.3s	pmx	pmx	SMDO	Samad	136.05	96	PKPdf	PKPdf	20 39 34.4 -3.2
MNKK	comp=E,25µm,20.0s		MLR	MLR		VSR	comp=N,10.0nm,0.3s	pmx	pmx	SPSI	Sidrap Palu	136.13	199	PKP	PKPdf	20 39 40.7 +2.8
RAYN	Ar Rayn	126.44	87	ePKPdf	LR	VSR	comp=E,40nm,0.4s	pmx	pmx	BANOM	Banah	136.13	91	PKPdf	PKPdf	20 39 36.6 -0.9
RAYN				PKPdf	LR	VSR	comp=Z,3µm,5.5s	pmx	pmx	BILL	Bilibino	136.25	332	iPKIKP	PKPdf	20 39 37.7 +1.3
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 55.8
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 52.5
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	20 42 15.2
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL				e	SS	21 00 13.4 -3.1
RAYN				PKPdf	LR	VSR	comp=N,90nm,2.1s	pmx	pmx	BILL	</					

2d 20h

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

2011 JAN

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

94

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

GZH	Guangzhou	163.69 203	PKP	PKPdf	20 40 20.1 +0.9
GZH			PKP	PKP	20 41 17.0 +5.9
GZH			PKP	PKP	20 45 04.0 +8.4
GZH			SKKS	SKKS	20 51 41.2
GZH	comp=Z,16um,22.2s		LR	LR	
GZH	comp=Z,42um,21.8s		LR	LR	
LSA	Lhasa	164.55 120	PKIKP	PKPdf	20 40 19.6 -0.9
LSA	Lhasa	164.55 120	PKP	PKP	20 40 19.6 -0.9
LSA	comp=Z,16um,5.2s		LR	LR	
LSA	comp=Z,22um,6.5s		LR	LR	
LSA	comp=Z,62um,9.0s		LR	LR	
LSA	Lhasa	164.55 120	ePKPdf	PKPdf	20 40 19.6 -0.9
WMQ	Urumqi	164.76 63	PKP	PKP	20 40 18.7 -1.0
WMQ			PKP	PKP	20 45 06.0 +3.5
WMQ			SKS	SKS	20 47 18.0 -4.3
WMQ			SKKS	SKKSac	20 51 47.0 -1.2
WMQ			SS	SS	21 05 29.0 -5.7
WMQ	AMB		AMB	AMB	
WMQ	comp=Z,31um,12.0s		LR	LR	
WMQ	comp=Z,84um,28.0s		LR	LR	
WMQ	comp=Z,62um,28.0s		LR	LR	
WMQ	comp=Z,72um,28.0s		LR	LR	
CN2	Changchun	164.81 297	ePKP	PKPdf	20 40 17.3 -2.3
CN2			ePKP	PKP	20 40 27.0 -0.8
CN2			ePP	PKP	20 45 03.5 +0.9
CN2			eSS	SS	21 05 32.0 -3.0
CN2	comp=Z,11um,23.0s		LR	LR	
CN2	comp=Z,45um,23.0s		LR	LR	
CIT	Chita	165.53 343	ePKIKP	PKPdf	20 40 15.8 -4.2
CIT	comp=Z,318nm,3.6s		pmax	pmax	
HIA	Hailan	165.60 323	ePKPdf	PKPdf	20 40 18.1 -2.0
SSE	Sheshan	165.98 243	PKP	PKP	20 40 20.0 -1.0
IRK	Irkutsk	166.05 6	ePKIKP	PKPdf	20 40 19.1 -1.3
IRK			e	e	20 41 18.7
IRK			e	e	20 45 12.3
IRK	comp=Z,202nm,2.0s		pmax	pmax	
MOY	Mondy	166.15 15	ePKIKP	PKPdf	20 40 21.4 +0.8
MOY			e	e	20 45 13.4
MOY	comp=Z,441nm,4.6s		pmax	pmax	
KMI	Kunming	166.37 165	PKP	PKP	20 40 20.3 -1.5
KMI			pPKP	pPKP	20 40 27.8 -2.2
KMI			sPKP	sPKP	20 40 30.6
KMI			PKP	PKP	20 40 19.6 -1.3
TLY	Talaya	166.55 8	PKP	PKP	20 41 24.0 +1.0
TLY	comp=Z,7.1nm,1.0s,baz=211,slow=1.1,SNR=6.9		ePKP	PKP	20 41 24.0 +1.0
TLY	comp=Z,16nm,1.0s,baz=336,slow=3.5,SNR=5.8		PKP	PKP	20 45 15.7 +5.3
TLY	comp=Z,2.4nm,0.5s,baz=4.4,slow=4.1,SNR=4.9		PKP	PKP	20 40 17.7 -3.1
TLY	Talaya	166.55 8	ePKIKP	PKPdf	20 45 12.2
TLY			e	e	20 49 05.7
TLY			ePP	PP	20 49 05.7
TLY			ePPS	SS	21 05 58.4 +0.3
TLY			eSS	SS	21 05 58.4 +0.3
TLY	comp=Z,86nm,2.6s		pmax	pmax	
TLY	Talaya	166.55 8	PKP	PKP	20 40 20.8 0.0
TLY	SNR=14		P	P	
TLY	Talaya	166.55 8	P	P	20 40 20.8 0.0
TLY	SNR=14		P	P	
TLY	Talaya	166.55 8	ePKPdf	PKP	20 40 21.9 +1.0
TLY			ePKP	PKP	20 41 23.9 +0.9
TLY			PKP	PKP	20 45 15.7 +5.3
TLY			PKP	PKP	20 40 15.7 -5.4
TLY			PKP	PKP	20 45 17.3 +5.5
SNY	Shenyang	166.56 290	ePKP	PKP	20 45 17.3 +5.5
SNY			PKP	PKP	20 45 17.3 +5.5
SNY	comp=Z,23um,12.0s		LR	LR	
SNY	comp=Z,9um,19.2s		LR	LR	
SNY	comp=Z,37um,18.4s		LR	LR	
SNY	comp=Z,69um,19.1s		LR	LR	
ZAK	Zakamensk	167.78 10	ePKIKP	PKPdf	20 40 21.3 -0.6
ZAK			pmax	pmax	
GYA	Guiyang	168.10 180	iPKP	PKP	20 40 21.5 -1.4
GYA			PKP	PKP	20 41 32.0 +1.4
GYA			PKS	PKS	20 43 53.8 -1.9
GYA			PKP	PKP	20 45 25.8 +7.3
GYA			SKKS	SKKS	20 52 03.5
GYA			SS	SS	21 06 07.7 +1.4
GYA	comp=Z,15um,24.6s		LR	LR	
GYA	comp=Z,23um,27.7s		LR	LR	
GYA	comp=Z,21um,25.8s		LR	LR	
NJ2	Nanjing	168.16 241	ePKP	PKP	20 40 22.1 -0.5
NJ2			ePKP	PKP	20 40 31.1 +0.3
NJ2			PKP	PKP	20 45 23.8 +4.0
NJ2			SKS	SKS	20 47 20.0 -4.7
NJ2			SKKS	SKKSac	20 52 09.0 +3.6
NJ2	AMB		AMB	AMB	
NJ2	comp=Z,16um,13.0s		LR	LR	
NJ2	comp=Z,40um,21.4s		LR	LR	
NJ2	comp=Z,44um,20.9s		LR	LR	
NJ2	comp=Z,59um,21.4s		LR	LR	
DL2	Dalian	168.24 277	PKP	PKP	20 40 17.5 -4.9
DL2			PKP	PKP	20 41 32.7 +1.7
DL2			PKP	PKP	20 45 26.4 +5.8
DL2	comp=Z,6um,7.5s		LR	LR	
DL2	comp=Z,21um,19.8s		LR	LR	
DL2	comp=Z,30um,19.6s		LR	LR	
WHN	Wuhan	169.60 222	ePKP	PKP	20 40 23.2 -0.5
WHN			PKP	PKP	20 41 42.8 +4.4
WHN			PKS	PKS	20 43 53.6 -2.6
WHN			PKP	PKP	20 45 43.4 +5.3
WHN			SKKS	SKKS	20 52 15.3
WHN			SS	SS	21 06 28.6 +3.4
WHN	AMB		AMB	AMB	
WHN	comp=Z,11um,10.3s		LR	LR	
WHN	comp=Z,62um,19.6s		LR	LR	
WHN	comp=Z,83um,19.6s		LR	LR	
WHN	comp=Z,83um,19.6s		LR	LR	
ULN	Ulaanbaatar	170.52 358	PKP	PKP	20 40 21.9 -1.9
ULN	Ulaanbaatar	170.52 358	PKP	PKP	20 40 21.6 -2.2
SOMM	Songino Array	170.56 1	PKP	PKP	20 40 21.8 -1.9
SOMM	comp=Z,13nm,1.1s,baz=157,slow=0.2,SNR=5.4		PKP	PKP	20 41 41.3 +0.3
SOMM	comp=Z,34nm,1.1s,baz=342,slow=2.1,SNR=8.0		PKP	PKP	20 45 36.2 +5.3
SOMM	comp=Z,12nm,1.1s,baz=334,slow=2.6,SNR=4.3		PKP	PKP	20 40 24.5 +0.2
TIA	Tai'an	171.34 259	PKP	PKP	20 45 41.7 +5.5
TIA			PKP	PKP	20 45 41.7 +5.5
TIA			SS	SS	21 06 39.8 -1.3
TIA	comp=Z,35um,20.0s		LR	LR	
TIA	comp=Z,39um,20.0s		LR	LR	
TIA	comp=Z,72um,21.0s		LR	LR	
ENH	Enshi	171.56 197	ePKPdf	PKPdf	20 40 24.8 +0.1
CD2	Chengdu	172.18 162	PKP	PKP	20 40 24.2 -0.8
CD2			pPKP	pPKP	20 40 30.0 -3.2
CD2			sPKP	sPKP	20 40 32.1
CD2			PKP	PKP	20 45 37.7 -1.3
CD2			SKS	SKS	20 47 26.7 0.0
CD2			SKKS	SKKS	20 52 24.8 0.0
CD2			SS	SS	21 06 49.3 +2.5

CD2	comp=Z,18um,12.3s		LR	LR	
CD2	comp=Z,46um,22.1s		LR	LR	
CD2	comp=Z,51um,20.1s		LR	LR	
CD2	comp=Z,55um,21.1s		LR	LR	
BJI	Beijing	172.39 285	PKP	PKP	20 40 24.4 -0.3
BJI			PKP	PKP	20 45 41.7 +0.4
BJI			SS	SS	21 06 49.4 -1.8
BJI	comp=Z,57um,26.3s		LR	LR	
BJI	comp=Z,48um,22.4s		LR	LR	
BJI	comp=Z,80um,24.0s		LR	LR	
BJT	Baijiaotau	172.40 285	PKIKP	PKPdf	20 40 24.5 -0.2
BJT	Baijiaotau	172.40 285	ePKP	PKP	20 40 24.6 -0.2
GTA	Gaotai	174.61 77	iPKP	PKP	20 40 23.6 -2.1
GTA			pPKP	pPKP	20 40 31.6 -2.4
GTA			sPKP	sPKP	20 40 34.8
GTA			PKP	PKP	20 42 02.5 +3.0
GTA			PKP	PKP	20 45 54.8 +2.4
GTA			SKS	SKS	20 47 21.0 -6.3
GTA			SKS	SKS	20 52 34.8 -2.0
GTA			SS	SS	21 07 11.7 -1.5
GTA	AMB		AMB	AMB	
GTA	comp=Z,18um,11.2s		LR	LR	
GTA	comp=Z,47um,20.4s		LR	LR	
GTA	comp=Z,49um,20.0s		LR	LR	
GTA	comp=Z,77um,22.8s		LR	LR	
XAN	Xi'an	175.27 204	PKP	PKP	20 40 24.5 -1.5
XAN			PKP	PKP	20 45 53.2 -1.0
XAN			SKS	SKS	20 47 25.7 -1.8
XAN			SKKS	SKKS	20 52 36.4 -3.0
XAN	comp=Z,35um,22.5s		LR	LR	
XAN	comp=Z,34um,23.9s		LR	LR	
XAN	comp=Z,72um,22.5s		LR	LR	
TIY	Taiyuan	175.35 263	ePKP	PKP	20 40 23.0 -2.9
TIY			PKP	PKP	20 42 09.4 +6.7
TIY			PKP	PKP	20 46 00.2 +4.2
TIY	comp=Z,21um,18.9s		LR	LR	
TIY	comp=Z,45um,19.2s		LR	LR	
TIY	comp=Z,34um,22.8s		LR	LR	
HHC	Hu-ho-hao-te	175.45 304	ePKP	PKP	20 40 24.0 -1.9
HHC			PKP	PKP	20 46 03.2 +7.2
HHC			SKKS	SKKS	20 52 43.8
HHC	AMB		AMB	AMB	
HHC	comp=Z,11um,7.8s		LR	LR	
HHC	comp=Z,12um,22.1s		LR	LR	
HHC	comp=Z,45um,20.1s		LR	LR	
HHC	comp=Z,94um,20.6s		LR	LR	
BTO	Baotou	176.55 311	ePKP	PKP	20 40 26.4 +0.2
LZH	Lanzhou	176.82 135	ePKP	PKP	20 40 25.7 -0.7
LZH			pPKP	pPKP	20 40 32.5 -2.2
LZH			sPKP	sPKP	20 40 35.3 -1.4
LZH			PKP	PKP	20 42 09.5 +0.2
LZH			PKP	PKP	20 46 03.9 +1.7
LZH			SKKS	SKKS	20 52 47.0
LZH			SS	SS	21 07 26.0 -6.9
LZH	AMB		AMB	AMB	
LZH	comp=Z,11um,6.0s		LR	LR	
LZH	comp=Z,45um,19.2s		LR	LR	
LZH	comp=Z,33um,20.6s		LR	LR	
LZH	comp=Z,70um,21.0s		LR	LR	

IDC 02 20:26:17.3-3.5,52:67N-166:81W,h0km,mb3.5/6,
 mb1 3.6/6,mb1mx3.3/69,mbtmp3.5/6, Error ellipse:
 s-maj=100.9km s-min=24.1km az=162.0
 ISCJB 02 20:26:21.5-0.7,52:76N-166:67W-0.07,h37km,
 mb3.4/6, Error ellipse: s-maj=9.6km s-min=4.7km
 az=157.3
 NEIC 02 20:26:21.6,52:79N-166:75W,h38km,ML3.4(AEIC),After
 AEIC.
 ISC 02 20:26:23.8-1.1,52:87N-166:79W-0.06,h37km,n35,
 #094/31,mb3.4/6,Fox Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
OKFG	Magazine Ridge	0.87 309	Op	20 26 38.6 -0.8	S
OKFG			S	20 26 51.3 +0.4	P
OKTU	Okmok Mt. Tuli	0.92 305	P	20 26 39.1 -1.0	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TXAR Lajitas Array, DBIC Dimboko, NVAR Mima Array, etc.

IDC 02 21:31:06.7.1.3.38:47S:73:64W, h0km, mb4, 4/7, mb1 4.9, mb1mx3.9/27, mbtmp4.4/8, ML4.3/1, Error ellipse: s-maj=15.8km s-min=11.0km az=77.0

ISCJB 02 21:31:07.7.0.5.38:56S:0:09:73:7W:0.1, h18km, mb4.7/15, Error ellipse: s-maj=15.2km s-min=11.8km az=160.3

NEIC 02 21:31:11.7.0.5.38:53S:73:55W, h35km, mb4.7/5, Error ellipse: s-maj=15.8km s-min=11.0km az=77.0

ISC 02 21:31:09.2.0.7.38:53S:0:09:73:6W:0.1, h18km, n34, a=1508/32, mb4.8/16, Near coast of central Chile

Main station list table for the first section, including stations like PLCA Paso Flores, CPUC Villa Campanas, SIV San Ignacio, etc.

ISCJB 02 21:35:38.7.0.7.40:90N:0:04:31:50E:0.04, h2km, g6km, Error ellipse: s-maj=7.1km s-min=4.8km az=161.1

ISC 02 21:35:38.8.0.40:78N:31:48E, h6km, MD2.8

CSEM 02 21:35:39.5.0.2.40:84N:31:52E, h10km, MD2.7, Error ellipse: s-maj=6.4km s-min=4.2km az=166.0

DDA 02 21:35:39.4.40:86N:31:53E, h7km, MD2.7

ISC 02 21:35:39.6.1.1.40:83N:0:04:31:53E:0.03, h8km, 10km, n32, a=089/46, Turkey

Main station list table for the second section, including stations like BCAM Yeniciga, MDUB Mudurnu, BTAS Taskesti, etc.

MEX 02 21:37:44.0.3.16:23N:94:40W, h75km, 13km, MD3.9, Oaxaca

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

IDC 02 21:38:05.4.1.6.54:84N:158:30W, h0km, mb3.3/4, mb1 3.7/6, mb1mx3.7/6, mbtmp3.5/6, ML4.1/2, Error ellipse: s-maj=36.2km s-min=24.2km az=178.0

ISCJB 02 21:38:08.2.0.6.54:86N:0:05:158:00W:0.05, h33km, mb3.3/4, Error ellipse: s-maj=8.1km s-min=3.4km az=160.4

NEIC 02 21:38:08.7.54:89N:158:04W, h2km, ML3.5(AEIC), After AEIC

ISC 02 21:38:10.1.0.9.54:92N:0:07:158:01W:0.04, h35km, n40, a=1501/42, mb3.3/4, South of Alaska

Main station list table for the third section, including stations like VNKR Veniaminof 5, VNHG Veniaminof 1, etc.

IDC 02 21:40:20.9.1.8.39:64S:74:09W, h0km, mb3.8/6, mb1 4.2/7, mb1mx3.9/27, mbtmp3.9/7, ML5.2/1, Error ellipse: s-maj=53.1km s-min=35.7km az=26.0

ISC 02 21:40:27.6.1.9.39:45S:0:35:73:9W:0.3, h35km, n8, a=192/97, mb3.9/6, Near coast of central Chile

Main station list table for the fourth section, including stations like PLCA Paso Flores, LVC Limon Verde, etc.

GUC 02 21:44:50.3.0.4.39:40S:74:77W, h30km, 9km, ML5.1

IDC 02 21:45:03.7.2.0.38:65S:73:86W, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.8/24, mbtmp3.8/6, ML4.2/1, Error ellipse: s-maj=51.0km s-min=36.7km az=21.0

ISC 02 21:45:07.2.1.3.36:95S:0:17:4:1W:0.1, h35km, n16, Pinedale Array 87.90 325 eP

Main station list table for the fifth section, including stations like PSCH Puerto Saavedr, CCHP San Pedro de C, etc.

IDC 02 21:48:21.6.2.1.38:69S:73:90W, h0km, mb4.1/8, mb1 4.3/9, mb1mx4.1/22, mbtmp4.1/9, ML4.3/1, Error ellipse: s-maj=35.2km s-min=23.1km az=72.0

ISCJB 02 21:48:24.6.0.6.38:66S:0:08:73:9W:0.1, h33km, mb4.5/15, Error ellipse: s-maj=15.6km s-min=10.0km az=159.7

NEIC 02 21:48:27.0.0.5.38:54S:73:66W, h35km, mb4.7/6, Error ellipse: s-maj=14.5km s-min=9.3km az=72.0

ISC 02 21:48:26.8.0.7.38:62S:0:09:73:9W:0.1, h35km, n39, a=090/40, mb4.5/15, Near coast of central Chile

Main station list table for the sixth section, including stations like PLCA Paso Flores, PLCA Paso Flores, etc.

IDC 02 21:51:02.3.1.8.38:91S:74:20W, h0km, mb4.0/5, mb1 4.1/6, mb1mx3.9/22, mbtmp4.0/6, ML4.2/1, Error ellipse: s-maj=65.6km s-min=33.9km az=28.0, Near coast of central Chile

Main station list table for the seventh section, including stations like PLCA Paso Flores, CPUC Villa Florida, etc.

IDC 02 22:05:14.4.1.0.38:38S:73:54W, h0km, mb4.1/9, mb1 4.3/11, mb1mx4.2/24, mbtmp4.2/11, ML4.4/2, Error ellipse: s-maj=33.5km s-min=22.3km az=79.0

ISCJB 02 22:05:16.6.0.8.38:20S:0:09:73:5W:0.2, h18km, mb4.2/14, Error ellipse: s-maj=20.8km s-min=13.5km az=174.9

NEIC 02 22:05:19.7.0.9.38:25S:73:60W, h35km, mb4.0/4, Error ellipse: s-maj=26.1km s-min=14.1km az=81.0

ISC 02 22:05:17.1.1.0.38:39S:0:10:73:4W:0.2, h18km, n28, a=1503/28, mb4.2/14, Near coast of central Chile

Main station list table for the eighth section, including stations like PLCA Paso Flores, LCO Las Campanas, etc.

IDC 02 22:25:14.4.0.3.16:23N:94:40W, h75km, 13km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANMO Albuquerque, TORO Torodi Ar. Bea, etc.

IDC 02 22:58:05.4.1.6.54:84N:158:30W, h0km, mb3.3/4, mb1 3.7/6, mb1mx3.7/6, mbtmp3.5/6, ML4.1/2, Error ellipse: s-maj=36.2km s-min=24.2km az=178.0

2d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GRG, DRO, SILT, GULT, etc.

ISK 02 22:32:24.3, 38.87N, 25.95E, h5km, MD2.6
CSEM 02 22:32:25.0, 38.88N, 25.95E, h2km, MD2.6, Error
ellipse: s-maj=7.3km s-min=3.8km az=76.0
DDA 02 22:32:25.8, 38.92N, 25.98E, h6km, MD2.7
ISC 02 22:32:25.6, 1.2, 38.90N, 0.02, 25.94E, 0.04, h3km, n11km,

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

GUC 02 22:35:28.5, 0.4, 38.30S, 73.95W, h5km, 2km, ML4.7
ISCJB 02 22:35:31.0, 0.6, 38.30S, 0.03, 73.8W, 0.1, h10km,
mb4, 3/14, Error ellipse: s-maj=11.7km s-min=4.2km
az=177.0
IDC 02 22:35:31.3, 0.9, 38.50S, 73.78W, h0km, mb4, 1/10,
mb1 4.2/10, mb1mx4, 1/29, mbtmp4, 1/10, Error ellipse:
s-maj=30.1km s-min=21.5km az=85.0
NEIC 02 22:35:36.4, 0.6, 38.45S, 73.69W, h35km, mb4, 6/3, Error
ellipse: s-maj=15.8km s-min=12.8km az=51.0
ISC 02 22:35:32.6, 0.7, 38.39S, 0.05, 73.73W, 0.09, h10km, n36,
r153/34, mb4, 2/14, Near coast of central Chile

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

2011 JAN

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

NEIC 02 22:40:11.4, 4.0, 32N, 124.59W, h18km, ML3.8(NCEDC),
After NCEDC.
NEIC Felt [I] at Ferdale, Fortuna and Rio Dell. Also felt at
Eureka, Hydesville, Loleta, Petrolia, Scotia and
Whitethorn.

ISC 02 22:40:09.5, 2.5, 40.28N, 0.06, 124.60W, 0.09,
h15km, n12km, n21, r151/27, Near coast of northern

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHMM, WDC, N02D, etc.

ISCJB 02 22:42:00.8, 0.7, 44.1S, 0.1, 38.7E, 0.3, h10km, mb3, 8/9,
Error ellipse: s-maj=28.4km s-min=17.2km az=153.9
IDC 02 22:42:00.8, 0.7, 44.1S, 0.1, 38.7E, 0.3, h10km, mb3, 8/9,
mb1 4.1/9, mb1mx3, 8/36, mbtmp3, 9/9, Error ellipse:
s-maj=29.1km s-min=19.6km az=59.0
ISC 02 22:42:02.4, 0.8, 44.1S, 0.2, 38.8E, 0.2, h10km, n13,
r0567/10, mb3, 9/9, Prince Edward Islands region

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

ISCJB 02 22:52:32.7, 0.6, 44.2S, 0.1, 38.6E, 0.2, h10km, mb4, 1/11,
Error ellipse: s-maj=21.2km s-min=14.5km az=153.8
IDC 02 22:52:32.7, 0.6, 44.2S, 0.1, 38.6E, 0.2, h10km, n17,
r0578/14, mb4, 3/11, Prince Edward Islands region

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

100

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

MEX 02 23:06:44.5, 0.6, 15.34N, 93.97W, h31km, 24km, MD3.7,
Near coast of Chiapas
Code Station Name Azimuth Phase ID Time Res
PCIG 0.81 63 eP ISC Pn 23 06 57.0 -2.5
PCIG 0.81 63 eS Sg 23 07 07.9 -2.8
CCIG 2.00 62 iP S 23 07 14.1 -2.3
CCIG 2.00 62 iS S 23 07 37.9 -2.6

WEL 02 23:07:27.1, 0.4, 37.61S, 176.22E, h181km, 3km, ML3.5/14,
2C Error ellipse: s-maj=4.5km s-min=3.3km az=90.0,
North Island

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

ROM 02 23:19:40.0, 4.1, 77N, 20.93E, h10km, M3.5/3, Error
ellipse: s-maj=3.8km s-min=0.0km az=176.0
ISCJB 02 23:19:32.8, 0.3, 4.1, 76N, 0.01, 19.65E, 0.02, h26km, 3km,
Error ellipse: s-maj=2.6km s-min=2.0km az=148.7
BEO 02 23:19:32.8, 0.3, 4.1, 81N, 19.89E, h26km, 2km, M2, 8/1
CSEM 02 23:19:32.0, 0.1, 4.1, 78N, 19.67E, h0km, ML3.4, Error
ellipse: s-maj=2.3km s-min=1.7km az=48.0
THE 02 23:19:33.1, 4.1, 89N, 19.92E, h0km, 3km, ML2.8/2, Error
ellipse: s-maj=3.6km s-min=1.0km az=13.0
PDG 02 23:19:34.2, 0.1, 4.1, 88N, 19.68E, h11km, MD3.1/6,
ML3.0/0, Error ellipse: s-maj=0.5km s-min=0.4km
az=90.0
ATH 02 23:19:36.0, 4.1, 63N, 20.01E, h30km, 7km, MD3.6/18
ISC 02 23:19:32.5, 0.9, 4.1, 77N, 0.02, 19.72E, 0.02, h16km, 7km,
n215, r1910/305, 25C, 25D, Albania

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

IDC 02 23:31:04.1-0.7, 17.10N:120.25E, h0km, mb3.9/12, mb1.4/1.13, mb1mx3.8/4.6, mbtmp3.9/13, ML3.8/1, Error ellipse: s-maj=29.8km s-min=15.5km az=69.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Santa Cruz, Cauayan, Caliao Caves, Palayan, Baler, etc.

IDC 02 23:31:38.4-0.8, 27.32N:143.51E, h0km, mb3.8/14, mb1.4/0.16, mb1mx3.9/4.3, mbtmp3.9/16, ML3.3/2, Error ellipse: s-maj=21.7km s-min=17.0km az=106.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like Chichi jima, Haha-jima-NKT, TATEYAMA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like BRVK Borovoye, INK Inuvik, ARU Aru, YKA Yellowknife Ar, FINES FINES Array B, KBZ Khab, DUG Dugway Tooele, AKASG Malin Array Be, BRTR Kaskin Array B, ISCO Idaho Springs, ANMO Albuquerque, WNMK Wichita Mounta, TORO Torodi Ar. Bea

ISC/JCB 02 23:27:50.9, 24.92N:106.122.51E:0.04, h9km, 6km, Error ellipse: s-maj=10.2km s-min=4.4km az=23.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like TWB1 Santiaho Chiao, TWB2, TWB3, TWB4, TWB5, TWB6, TWB7, TWB8, TWB9, TWB10, TWB11, TWB12, TWB13, TWB14, TWB15, TWB16, TWB17, TWB18, TWB19, TWB20, TWB21, TWB22, TWB23, TWB24, TWB25, TWB26, TWB27, TWB28, TWB29, TWB30, TWB31, TWB32, TWB33, TWB34, TWB35, TWB36, TWB37, TWB38, TWB39, TWB40, TWB41, TWB42, TWB43, TWB44, TWB45, TWB46, TWB47, TWB48, TWB49, TWB50, TWB51, TWB52, TWB53, TWB54, TWB55, TWB56, TWB57, TWB58, TWB59, TWB60, TWB61, TWB62, TWB63, TWB64, TWB65, TWB66, TWB67, TWB68, TWB69, TWB70, TWB71, TWB72, TWB73, TWB74, TWB75, TWB76, TWB77, TWB78, TWB79, TWB80, TWB81, TWB82, TWB83, TWB84, TWB85, TWB86, TWB87, TWB88, TWB89, TWB90, TWB91, TWB92, TWB93, TWB94, TWB95, TWB96, TWB97, TWB98, TWB99, TWB100

IDC 02 23:39:08.0-2.8, 6.58S:154.88E, h0km, mb3.7/7, mb1.3/9.7, mb1mx3.7/2.6, mbtmp3.7/7, MS4.5/1, Ms1 4.5/1, ms1mx3.6/3.6, Error ellipse: s-maj=86.7km s-min=24.0km az=119.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, PETK Petroflovskiy, CMAR Chiang Mai Arr, MKAR Makanchi Array B, ZALV Zalesovo Beam, TORO Torodi Ar. Bea

IDC 02 23:43:04.1-0.8, 38.25S:73.34W, h0km, mb4.3/9, mb1.4/4.1, mb1mx4.3/2.1, mbtmp4.3/11, ML5.0/2, MS4.3/1, Ms1 4.2/1, ms1mx4.0/2.0, Error ellipse: s-maj=25.5km s-min=16.7km az=63.0

NEIC 02 23:43:05.8-0.2, 38.30S:73.29W:0.07, h18km, mb4.5/22, Error ellipse: s-maj=8.1km s-min=4.4km az=2.6

NEIC 02 23:43:06.0, 38.30S:73.51W, h17km, mb4.9/14, ML4.7(GUC), After GUC

NEIC Felt at Puerto Montt and Villarica. GUC 02 23:43:06.0, 38.30S:73.51W, h17km, 4.5km, ML4.7, BUI 02 23:43:07.0, 38.30S:73.30W, h20km, mb5.4/1, Ms5.4/1, Ms7.5/1/1

ISC 02 23:43:07.2-0.5, 38.30S:73.30W:0.1, h18km, n151, c0871/152, mb4.7/23, 1C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like PSCH Puerto Saavedr, CCSP San Pedro de C, CCHI Chilean, COCH Cobquecua, PLCA Paso Flores, PLCA Paso Flores, TRQA Torquiste, LCO Las Campanas, LVC Limon Verde, LVC Limon Verde, CPUP Villa Florida, CPUP Villa Florida, LPAZ La Paz, LPAZ La Paz, SIV San Ignacio, SAML Samuel

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like BDFB Brasilia, BDFB Brasilia, PTGA Pitinga, VNA2 Neumayer-Watz, SNAAS South Pole Qui, QSPA South Pole Qui, SYO Syowa Base, O34A Hebronnville, 834A Tilden, 736A Circle Diamond, 832A Faith Ranch, C, 636A Smothers Creek, 732A Lawson Ranch, 537A Green Hill Far, 536A Baestrop, 633A Saathoff Ranch, 535A Dale, 438A Sam Houston St, 632A Uvalde, 340A Bronson, 339A Huntington, 436A Lakiew Retre, LRAL Wall Ranch, G, 533A Kerville, 338A Crockett, 337A Centerville, 532A Rocksprings, 434A Burnet, 239A Gary, 531A Rocksprings, 336A Kerwin, JCT Junction City, JCT Junction City, 335A Moody, 334A Art, 530A J-C Ranch, Com, TXAR Lajitas Array, TX31 Lajitas Ar. Si, 334A Lometa, 431A Sonora, 333A Richland Sprin, 138A Matatall Enter, WHTX Lake Whitney, WHTX Lake Whitney, WHTX Lake Whitney, 332A Newlew, 136A Ennis, 234A Clairette, 331A San Angelo, 233A Rising Star, 232A Coleman, 330A Mertz, SWET Swenane, CPCT Cooper Cave, 134A White-Moore Ra, 231A Bronte, 236A Blue Ridge, Y39A Lockesburg, 133A Hamilton Ranch, Y38A Clairette, Z35A Perchaven, San, ABTX Abilene, Hawle, 131A Roby, Z33A Whitaker Ranch, WVT Waverly, Z32A Haskell, Y34A Reagan Ranch, Z31A Sharp Cattle R, X36A Centrahoma, W38A Poteau, Y33A Hilltop Ranch, Z30A Sanderson Ranc, MNTX Cornudas Mount, Y32A R-V Farms, Ver, X34A Smith Ranch, M, PBMO Poplar Bluff, V36A Jenks, X31A McDonald Ranch, W33A Caddo, Fort Co, TUL1 Leonard, V35A Meyer Ranch, C, U38A Gravelte, W32A Sentinel, LIC Lamto, V34A Guthrie, W31A Holland Ranch, V33A Lossen Ranch,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TKM2, TKM2, TKM2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AB31, AB31, AB31, etc.

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

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

GUC 03 01:19:51.4, 0.5, 39.05S:74:92W, h30km, ML4.9
IDC 03 01:20:02.1, 2.4, 38.69S:74:04W, h0km, mb3.5/3,
mb1 3.74, mb1mx3.5/22, mbmt3.4/4, ML3.1/1, Error
ellipse: s-maj=17.2, km s-min=31, km az=53.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Puerto Saavedr, CCSP, CCHI, etc.

SJA 03 01:24:14.2, 0.7, 29.74S:71:36W, h33km, ML3.3, MW3.2
GUC 03 01:24:14.4, 0.3, 29.66S:70:88W, h76km, 4km, ML3.3
IDC 03 01:24:14.2, 3.2, 29.62S:05:71.6W, 0.1, h24km, 16km,
n15, r141/21, 2C-1D, Near coast of central Chile

Table with columns: VACH, Vallener, Azimuth, Phase ID, Time, Res. Includes stations like GUANDACOL, Leoncito, Mogna, etc.

DJA 03 01:34:04.1, 2.7, 2.2N:4.12E, h22km, 34km, M4.6/14,
mb4.7/13, mb5.0/3, MLV4.6/14, MW(mB)4.4/3
ISCJB 03 01:34:15.2, 0.3, 1.27N:0.04E:126.49E:0.03, h39km,
mb4.3/27, MS3.5/1, Error ellipse: s-maj=5.6km

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

ISJC 03 01:34:16.6, 0.5, 1.20N:0.06E:126.47E:0.05, h39km, n62,
r118/55, mb4.3/27, Northern Molucca Sea

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

ISJC 03 01:20:05.0, 1.9, 38.74S:07:47.0W, 0.1, h18km, n9,
r126/9, mb3.5/3, 2D, Near coast of central Chile

Table with columns: TXAR, Lajitas Array, Azimuth, Phase ID, Time, Res. Includes stations like TXAR, TORO, etc.

GUC 03 01:46:27.0, 0.4, 33.55S:71:87W, h4km, 16km, ML3.3
ISC 03 01:46:25.7, 2.8, 33.54S:06:71.9W, 0.1, h1km, 13km, n17,
r0562/26, 3C-2D, Near coast of central Chile

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

IDC 03 01:50:14.5, 3.8, 26.19N:141.30E, h0km, mb3.4/3,
mb1 3.6/4, mb1mx3.2/38, mbmt3.4/4, ML3.1/1, Error
ellipse: s-maj=169.7km s-min=25.0km az=77.0, Bonin
Islands region

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

GUC 03 01:58:40.4, 0.6, 34.74S:71:71W, h38km, 2km, ML3.3
ISCJB 03 01:58:41.0, 0.8, 34.74S:0.04E:71.72W:0.03, h30km, 6km,
Error ellipse: s-maj=11.1km s-min=6.5km az=157.6

SJA 03 01:58:44.1, 0.8, 34.74S:71:60W, h10km, 20km, ML3.0,
MW2.7

ISJC 03 01:58:41.5, 1.3, 34.70S:0.04E:71.66W:0.06, h18km, 4km,
n19, r081/25, 3C-1D, Near coast of central Chile

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

IDC 03 01:59:09.5, 1.1, 38.51S:73:92W, h0km, mb3.8/6,
mb1 4.1/9, mb1mx3.9/29, mbmt3.9/9, ML4.2/3, Error
ellipse: s-maj=30.5km s-min=16.9km az=58.0

ISCJB 03 01:59:13.5, 1.0, 38.55S:0.173W:0.2, h33km, mb3.8/6,
Error ellipse: s-maj=24.7km s-min=13.6km az=162.7

ISC 03 01:59:15.1, 1.2, 38.55S:0.173W:0.2, h33km, n11,
r0891/11, mb3.8/6, Near coast of central Chile

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

IDC 03 01:59:15.1, 1.2, 38.55S:0.173W:0.2, h33km, n11,
r0891/11, mb3.8/6, Near coast of central Chile

ISC 03 02:01:59:41.3, 39:20N, 40:30E, h8km, MD2.7
ISCJBJ 03 02:01:59:42.3, 0.5, 39:18N, 0:03:40:26E, 0.04, h2km, 6km,
Error ellipse: s-maj=7.0km s-min=3.5km az=41.8

CSEM 03 02:01:59:42.3, 0.2, 39:18N, 40:26E, h8km, MD2.7, Error
ellipse: s-maj=5.7km s-min=4.3km az=52.0
DDA 03 01:59:42.6, 39:17N, 40:25E, h6km, MD3.0
ISC 03 01:59:42.5, 1.1, 39:17N, 0:03:40:27E, 0.03, h6km, 10km,
n27, c098/39, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BINT Bingol, BNGB Bing'li, TUNCL Tunceli-Merkez, etc.

GUC 03 02:06:08.6, 0.6, 33:66S, 71:99W, h20km, 5km, ML3.6
ISC 03 02:06:07.0, 1.7, 33:68S, 0:04:72.01W, 0.06, h1km, 12km,
n25, c082/39, 5C-2D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CHPI Pichilemu, IHA Instituto Hidr, TACH Talagante, etc.

ISC 03 02:08:02.7, 2.1, 16:41S, 174:98W, h237km, 22km,
mb3.0/6, mb1 3.3/7, mb1mx3.1/34, mbtmp3.6/7, Error
ellipse: s-maj=40.1km s-min=16.7km az=137.0, Tonga
Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AFI Afiamalu, URZ Urewera, WRA Warramunga Arr, etc.

ISC 03 02:16:13.7, 1.1, 22:34S, 67:43W, h161km, 22km, mb3.6/1,
mb1 3.3/4, mb1mx3.1/22, mbtmp3.9/10, Error ellipse:
s-maj=37.3km s-min=17.7km az=110.0, Chile-Bolivia
border region

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

IDC 03 02:21:48.2, 3.8, 4:17S, 103:57E, h0km, mb3.4/5,
mb1 3.5/5, mb1mx3.3/44, mbtmp3.4/5, Error ellipse:
s-maj=166.4km s-min=22.8km az=54.0
ISCJBJ 03 02:21:50.7, 1.2, 5:05S, 0:1x102:67E, 0:09, h64km, mb3.6/5,
Error ellipse: s-maj=20.1km s-min=8.4km az=31.5
DJA 03 02:21:53.6, 1.3, 5:14S, 14:10E, 1.4, h53km, 39km, M3.4/6,
MLV3.4/6

ISC 03 02:21:52.8, 1.4, 5:05S, 0:1x102:8E, 0:1, h64km, n11,
c086/13, mb3.5/5, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LWLI Liwa, MDSI Maura Dua, KASI Kota Agung, etc.

NNC 03 02:22:35.5, 1.3, 39:98N, 70:27E, h0km, mb3.8, mpv3.5,
Error ellipse: s-maj=10.2km s-min=8.0km az=173.0
ISC 03 02:22:35.1, 3.0, 38.8N, 0:20:25E, 0.09, h17km, n15,
c071/20, 7C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MNAS Manas, AML Almayay Arr, KK31 Karatay Arr, etc.

MEX 03 02:25:59.7, 0.7, 15:51N, 93:49W, h94km, 10km, MD3.7,
Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PCIG Comitán, CCIG Comitán.

ISCJBJ 03 02:26:59.8, 0.6, 6:65N, 0:05:126:20E, 0:06, h58km, 5km,
mb3.6/9, Error ellipse: s-maj=9.4km s-min=7.9km az=8.0
IDC 03 02:27:00.5, 2.0, 6:79N, 126:29E, h48km, 19km, mb3.5/9,
mb1 3.7/10, mb1mx3.5/43, mbtmp3.8/10, ML4.1/1, Error
ellipse: s-maj=37.8km s-min=12.8km az=63.0
MAN 03 02:27:01.6, 72N, 126:14E, h32km, mb4.5, ML3.3, MS3.2
ISC 03 02:27:00.9, 0.8, 6.66N, 0:05:126:17E, 0:06, h52km, 7km,
n20, c104/27, mb3.5/9, 3C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PCIG Comitán, CCIG Comitán, GSPH General Santos, etc.

IDC 03 02:27:51.9, 0.6, 12:37S, 14:81W, h0km, mb4.1/17,
mb1 4.2/17, mb1mx4.0/31, mbtmp4.1/17, MS4.0/16,
Ms1 4.0/16, ms1mx3.8/33, Error ellipse: s-maj=18.4km
s-min=17.0km az=158.0
ISCJBJ 03 02:27:52.4, 0.5, 12:45S, 0:1x14:79W, 0:10, h15km,
mb4.0/19, MS4.0/16, Error ellipse: s-maj=15.2km
s-min=13.3km az=159.5
NEIC 03 02:27:53.1, 0.4, 12:43S, 14:81W, h10km, mb4.1/2, Error
ellipse: s-maj=12.4km s-min=11.0km az=146.0
ISC 03 02:27:54.0, 0.6, 12:45S, 0:1x14:79W, 0:11, h15km, n40,
c0587/24, mb4.1/19, MS4.0/16, Southern Mid-Atlantic
Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H10S2 ASCENSION HYDR, H10S3 ASCENSION HYDR, H10S1 ASCENSION HYDR, etc.

ISCJBJ 03 02:31:28.8, 0.6, 13:18S, 0:05:166:02E, 0:08, h50km,
mb4.2/17, MS3.7/1, Error ellipse: s-maj=11.4km
IDC 03 02:31:30.4, 2.7, 13:16S, 166:71E, h50km, 24km, mb4.0/17,
mb1 4.1/19, mb1mx4.0/39, mbtmp4.2/19, ML4.5/2, MS3.4/3,
Ms1 3.4/3, ms1mx3.0/32, Error ellipse: s-maj=20.3km
s-min=15.8km az=84.0
NEIC 03 02:31:31.1, 1.6, 13:11S, 166:72E, h56km, 13km, mb4.0/3,
Error ellipse: s-maj=14.3km s-min=11.5km az=105.0
ISC 03 02:31:30.4, 0.7, 13:13S, 0:07:166:72E, 0:10, h50km, n26,
c097/30, mb4.2/17, Vanuatu Islands

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

Table with columns: ILAR, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Eielson Array, Mina Array Bea, and Maknachi Array.

IDC 03 02:33:14.1-3.1, 5.06S, 133.85E, h0km, mb3.4/1, mb1 3.6/5, mb1mx3.5/32, mbtmp3.5/5, ML3.5/4, MS2.8/1, Ms1 2.8/1, ms1mx2.6/16, Error ellipse: s-maj=119.0km s-min=26.0km az=80.0, Aru Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Sorong, Warrungarra Arr, and Fitzroy Crossi.

GUC 03 02:33:35.1±0.7, 21.19S, 68.65W, h140km, gkm, ML3.5, 6C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like IPOC Station P, Humbestone, and IPOC Station P.

IDC 03 02:37:02.5-1.7, 38.30S, 73.38W, h0km, mb3.7/4, mb1 3.9/6, mb1mx3.7/23, mbtmp3.7/6, ML3.5/2, MS3.9/1, Ms1 3.8/1, ms1mx3.1/17, Error ellipse: s-maj=49.6km s-min=26.2km az=61.0, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Paso Flores, Villa Florida, and Lajitas Array.

IDC 03 02:40:02.0-4.7, 11.48S, 13.16W, h0km, mb3.6/5, mb1 3.6/6, mb1mx3.5/32, mbtmp3.6/6, ML3.1/1, MS3.6/2, Ms1 3.6/2, ms1mx3.0/30, Error ellipse: s-maj=115.4km s-min=38.1km az=67.0, Ascension Island region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Dimbokro, Torodi Ar. Bea, and Malin Array Be.

ISK 03 02:40:22.9, 38.87N, 25.97E, h5km, MD2.6, ISCJB 03 02:40:24.7, 0.9, 38.91N, 0.0, 24.5, 98E, 0.08, h12km, Error ellipse: s-maj=9.3km s-min=4.5km az=161.7

CSEM 03 02:40:24.4, 0.4, 38.90N, 25.99E, h2km, MD2.6, Error ellipse: s-maj=9.4km s-min=4.8km az=63.0

DDA 03 02:40:28.2, 38.82N, 26.53E, h7km, MD2.7, ISC 03 02:40:23.4, 1.1, 38.87N, 0.0, 24.5, 98E, 0.06, h12km, n17, c=0.42/2, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Sigrir, Urmir, and Ayyalik.

IDC 03 02:43:38.3-5.9, 37.82S, 72.11W, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.6/20, mbtmp3.7/4, ML4.0/1, MS3.2/1, Ms1 3.2/1, ms1mx2.9/21, Error ellipse: s-maj=177.6km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Paso Flores, Zalesovo Beam, and Dimbokro.

IDC 03 03:04:14.2±1.4, 2.67N, 66.48E, h0km, mb3.5/6, mb1 3.7/6, mb1mx3.4/49, mbtmp3.5/6, Error ellipse: s-maj=44.7km s-min=28.0km az=52.0

ISCJB 03 03:04:15.1±1.4, 2.7N, 66.56E, 0.3, h20km, mb3.4/6, Error ellipse: s-maj=44.3km s-min=25.5km az=147.5

ISC 03 03:04:17.1±1.6, 2.7N, 66.56E, 0.3, h20km, n10, c=1.05/7, mb3.5/6, Carlsberg Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Diego Garcia H, Zalesovo Beam, and Songoing Array.

DDA 03 03:05:14.2, 35.71N, 27.70E, h20km, MD3.0, ATH 03 03:05:19.5, 36.06N, 27.73E, h39km, 2km, MD3.0/7, CSEM 03 03:05:19.3, 0.3, 35.97N, 27.93E, h30km, MD3.0, Error ellipse: s-maj=8.3km s-min=5.2km az=143.0

ISC 03 03:05:19.3-1.1, 36.01N, 0.03, 27.94E, 0.03, h32km, 12km, n39, c=0.98/63, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Arkhangelos, Karpathos, Turunc, and many others.

ISCJB 03 03:13:38.2, 0.7, 21.08S, 0.0, 67.1W, 0.1, h136km, mb3.5/3, Error ellipse: s-maj=18.0km s-min=8.2km az=16.4

IDC 03 03:13:38.7, 0.8, 21.06S, 68.22W, h128km, 12km, mb3.4/3, mb1 3.4/6, mb1mx3.2/25, mbtmp3.8/6, Error ellipse: s-maj=29.5km s-min=10.3km az=101.0

ISC 03 03:13:39.1, 0.9, 21.15S, 0.0, 67.2W, 0.1, h136km, n7, c=1.27/9, mb3.5/3, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Limon Verde, Lapaz, and SIV.

JMA 03 03:22:53.2, 35.09N, 132.57E, h11km, 1km, MO, 9, Western Honshu

Table with columns: JHT, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Toyohira, Saijyo, and JMA 03:24:15.9.

JMA 03 03:24:15.9-0.1, 36.38N, 137.66E, h0km, 1km, M1.4, Eastern Honshu

IDC 03 03:41:39.9±1.6, 38.28S, 73.47W, h0km, mb3.7/5, mb1 3.8/7, mb1mx3.7/23, mbtmp3.6/7, ML3.9/2, Error ellipse: s-maj=47.0km s-min=28.4km az=51.0

ISCJB 03 03:41:41.2±1.2, 38.35S, 0.2, 73.47W, 0.2, h18km, mb3.6/5, Error ellipse: s-maj=27.7km s-min=16.6km az=152.2

ISC 03 03:41:42.7±1.3, 38.35S, 0.2, 73.47W, 0.2, h18km, n10, c=0.59/10, mb3.6/5, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Paso Flores, Villa Florida, and Lajitas Array.

ATH 03 03:49:59.8, 35.41N, 21.49E, h16km, 1km, MD3.7/15, ML3.4

IDC 03 03:49:59.2±1.1, 35.62N, 21.57E, h0km, mb3.6/9, mb1 3.6/14, mb1mx3.5/50, mbtmp3.6/14, ML3.2/5, Error ellipse: s-maj=22.0km s-min=16.3km az=4.0

ISCJB 03 03:50:02.0, 0.8, 35.59N, 0.03, 21.64E, 0.04, h15km, 7km, mb3.5/9, Error ellipse: s-maj=7.5km s-min=3.4km az=135.8

CSEM 03 03:50:03.1, 0.3, 35.61N, 21.69E, h2km, ML3.1, Error ellipse: s-maj=7.5km s-min=3.4km az=40.0

THE 03 03:50:05.5, 35.60N, 21.69E, h2km, 4km, ML3.1/8, Error ellipse: s-maj=5.0km s-min=0.8km az=231.0

ISC 03 03:50:01.0±1.2, 35.47N, 0.04, 21.53E, 0.04, h19km, 3km, n208, c=1.82/259, mb3.6/9, Central Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like PYLOS, Kithira, and many others.

ISCJB 03 03:50:01.0±1.2, 35.47N, 0.04, 21.53E, 0.04, h19km, 3km, n208, c=1.82/259, mb3.6/9, Central Mediterranean Sea

ISC 03 03:50:01.0±1.2, 35.47N, 0.04, 21.53E, 0.04, h19km, 3km, n208, c=1.82/259, mb3.6/9, Central Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Tripoli, Varnos, and many others.

JMA 03 03:22:53.2, 35.09N, 132.57E, h11km, 1km, MO, 9, Western Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Red Lodge, VRI, PJOR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BARC, RUSC, GRMC, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like OCAC, YOPC, NORC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like K22A, DUG, NVAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H102A, H101A, H101B, etc.

2011 JAN

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

IDC 03 06:06:38.3:15.0, 19.70S:169.49E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.6/20, mbtm3.6/4, ML3.5/1, Error ellipse: s-maj=272.2km s-min=81.8km az=90.0, Vanuatu Islands

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

ISCJB 03 06:41:09.9:1.0, 38.56S:0.09:73.7W:0.1, h10km, mb3.5/7, Error ellipse: s-maj=12.8km s-min=12.5km az=13.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLCA, AAGR, ARCO, ASAL, AUSP, etc.

ISC 03 06:41:11.5:1.3, 38.55S:0.1:73.6W:0.2, h10km, n20, a1560/13, mb3.6/7, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CPUP, LPAZ, SIV, PTGA, TXAR, etc.

NEIC 03 06:43:52.0, 38.56S:74.01W, h14km, ML4.6(GUC), After GUC

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

ISCJB 03 06:43:56.8:0.7, 38.55S:0.05:73.8W:0.1, h33km, mb4.0/13, MS3.6/5, Error ellipse: s-maj=14.3km s-min=5.4km az=164.0

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

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

IDC 03 06:46:38.3:0.7, 2.41S:121.55E, h0km, mb3.8/10, mb1 4.0/12, mb1mx3.8/45, mbtm3.8/12, ML3.6/2, MS3.1/2, Ms1 3.1/2, ms1mx2.6/46, Error ellipse: s-maj=29.1km s-min=14.8km az=65.0

ISCJB 03 06:46:40.4:0.3, 2.43S:0.03:121.53E:0.04, h22km, mb3.8/11, Error ellipse: s-maj=5.8km s-min=4.5km az=19.3

NEIC 03 06:46:43.2:0.4, 2.44S:121.57E, h35km, mb4.0/1, Error ellipse: s-maj=11.4km s-min=6.9km az=73.0

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11S1, H11S3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11S1, H11S3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11S1, H11S3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11N3, H11S3, H11S1, etc.

IDC 03 07:00:06.2:2.0, 2.64N:128.36E, h207km, 21km, mb3.3/6, mb1 3.5/7, mb1mx3.2/41, mbtm3.9/7, MS4.3/1, Ms1 4.3/1, ms1mx2.6/27, Error ellipse: s-maj=59.7km s-min=10.6km az=65.0, Halmahera

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

IDC 03 07:04:00.0:7.1, 38.27S:73.67W, h0km, mb3.8/2, mb1 3.6/3, mb1mx3.5/15, mbtm3.6/3, ML3.2/1, Error ellipse: s-maj=202.5km s-min=26.0km az=58.0, Near coast of central Chile

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

NIED 03 07:06:00.2:7.80N:143.10E, h5km, Mw3.8 Best double couple: M6.56000x1014 NP1:349.00000, 331.00000, 1.39.00000, NP2:114.00000, 671.00000, 1.115.00000

BUI 03 07:06:19.9:26.92N:144.16E, h23km, mb4.5/29, mb4.9/21, Ms4.7/12, Ms7.4/5/12

IDC 03 07:06:24.8:0.6, 2.738N:143.39E, h0km, mb4.1/24, mb1 4.2/28, mb1mx4.1/47, mbtm4.1/28, ML3.7/4, MS3.0/2, Ms1 3.0/2, ms1mx2.5/42, Error ellipse: s-maj=16.1km s-min=13.6km az=96.0

MOS 03 07:06:24.8:3.1, 27.40N:143.40E, h33km, mb4.5/22, Error ellipse: s-maj=15.9km s-min=6.8km az=117.0

NEIC 03 07:06:26.5:0.3, 27.37N:143.33E, h10km, mb4.5/13, Error ellipse: s-maj=7.9km s-min=5.7km az=80.0

ISCJB 03 07:06:28.9:0.4, 27.58N:103.143:30E:0.05, h33km, mb4.3/44, MS3.4/2, Error ellipse: s-maj=6.9km s-min=4.4km az=25.4

JMA 03 07:06:29.7:0.1, 27.75N:143.39E, h9km, ML4.6

ISC 03 07:06:30.0:3.0, 2.5746N:0.05:143.37E:0.06, h35km, n101, a1399/121, mb4.3/44, 3C-4D, Bonin Islands region

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like USRK, NJ2, NJ2, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like AKHS Akhisar, AKS Akhisar, AKS Akhisar, CHOS Chios Island, etc.

ISC/JB 03 08:05:15.0:0.7,5:04S:0.04:133:63E:0.0h, h25km, mb3.7/2, Error ellipse: s-maj=11.0km s-min=6.0km az=171.1

ISC 03 08:05:15.7:1.3:5:10S:133:12E, h0km, mb3.7/2, mb1.4:3.7, mb1mx3.9/37, mbtmp4.2/7, ML3.5, MS3.1/3, Ms1.3.1/3, ms1mx2.7/11, Error ellipse: s-maj=63.5km s-min=20.6km az=71.0

DJA 03 08:05:23.9:1.0,4:5:13:4E, h98km,10km, M4.4/7, mb85.2/1, mb4.6/3, MLV4.3/6, MLV4.7/3, Mw(MB)4.6/1

ISC 03 08:05:16.0:0.9,4:35S:0.06:133:49E:0.07, h25km, n15, s=292/17, Irian Jaya region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like KMPI Kaimana, BNDI Bandanaira, SUI Sorong, WRA Warramunga Arr, etc.

ISC 03 08:05:46.0:2.8,3:37N:25:37E, h0km, mb3.7/4, mb1.3/6, mb1mx3.5/41, mbtmp3.6/6, ML3.7/2, MS2.9/1, Ms1.2.1/1, ms1mx2.1/53, Error ellipse: s-maj=57.5km s-min=27.6km az=43.0

ATH 03 08:05:50.1,33:90N:25:46E, h22km=1km, MD3.5/8 CSEW 03 08:05:50.1,33:90N:25:46E, h22km, MD3.5

ISC 03 08:05:49.6:1.3,33:88N:0.08:25:52E:0.05, h17km, n28, s=088/32, mb3.9/4, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like LAST Lasithi, SIVA Sivas, ZKR Zakros, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like GERES GERESS Array B, ARCES ARCESS Array B, MKAR Makanchi Array, etc.

IDC 03 08:06:11.8:0.8,30:70S:177:88W, h0km, mb4.4/8, mb1.4:5/9, mb1mx4.1/40, mbtmp4.3/9, ML3.4/1, MS3.4/6, Ms1.3.4/6, ms1mx3.1/37, Error ellipse: s-maj=25.5km s-min=18.3km az=119.0

ISC/JB 03 08:06:16.6:0.8,30:78S:0.05:178:0W:0.2, h46km, mb4.4/9, MS3.4/5, Error ellipse: s-maj=19.2km s-min=5.7km az=12.6

NEIC 03 08:06:17.4:1.4,30:69S:177:92W, h38km,11km, mb4.7/2, Error ellipse: s-maj=16.9km s-min=11.3km az=112.0

ISC 03 08:06:18.1:0.7,30:63S:0.06:178:0W:0.2, h46km, n44, s=146/40, mb4.4/9, MS3.4/5, 1C-1D, Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

IDC 03 08:06:52.5:3.7,14:03N:93:35W, h0km, mb3.4/4, mb1.3/6, mb1mx3.5/36, mbtmp3.4/6, ML3.2/2, MS3.3/3, Ms1.3.3/3, ms1mx2.9/23, Error ellipse: s-maj=71.1km s-min=49.6km az=172.0

ISC 03 08:06:58.2:3.8,14:22N:0.4:93:1W:0.3, h37km, n9, s=64/7, mb3.6/4, MS3.0/3, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like TEIG Tepich, TXAR Lajas Array, TKL Tuckaleechee C, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like baz=309, ENA Nanau, ENA Nanau, etc.

IDC 03 08:17:33.6:2.7,26:83N:143:47E, h0km, mb3.4/2, mb1.3/7.3, mb1mx3.3/29, mbtmp3.4/3, ML3.2/1, Error ellipse: s-maj=54.2km s-min=21.8km az=45.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, WRA Warramunga Arr, etc.

SJA 03 08:23:32.6:0.6,26:21S:66:67W, h10km=11km, ML2.5, MW2.3, Catamarca Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like FSA Cafayete, AHML Horco Molle, CYA Choya, etc.

SJA 03 08:24:12.8:0.9,33:05S:68:30W, h23km=5km, ML2.8, MW2.3, Mendoza Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like AAGR Agrelo, ARCO CERRO ARCO, ARCO CERRO ARCO, etc.

NIED 03 08:36:00:27:00N:143:80E, h5km, Mw4.0 Best double couple: Mo:1.25000x10^15, Np1:0.1260000x10^15, Np2:0.3310000x10^15, Np3:0.00000x10^15, Np4:0.00000x10^15, Np5:0.00000x10^15, Np6:0.00000x10^15, Np7:0.00000x10^15, Np8:0.00000x10^15, Np9:0.00000x10^15, Np10:0.00000x10^15, Np11:0.00000x10^15, Np12:0.00000x10^15, Np13:0.00000x10^15, Np14:0.00000x10^15, Np15:0.00000x10^15, Np16:0.00000x10^15, Np17:0.00000x10^15, Np18:0.00000x10^15, Np19:0.00000x10^15, Np20:0.00000x10^15, Np21:0.00000x10^15, Np22:0.00000x10^15, Np23:0.00000x10^15, Np24:0.00000x10^15, Np25:0.00000x10^15, Np26:0.00000x10^15, Np27:0.00000x10^15, Np28:0.00000x10^15, Np29:0.00000x10^15, Np30:0.00000x10^15, Np31:0.00000x10^15, Np32:0.00000x10^15, Np33:0.00000x10^15, Np34:0.00000x10^15, Np35:0.00000x10^15, Np36:0.00000x10^15, Np37:0.00000x10^15, Np38:0.00000x10^15, Np39:0.00000x10^15, Np40:0.00000x10^15, Np41:0.00000x10^15, Np42:0.00000x10^15, Np43:0.00000x10^15, Np44:0.00000x10^15, Np45:0.00000x10^15, Np46:0.00000x10^15, Np47:0.00000x10^15, Np48:0.00000x10^15, Np49:0.00000x10^15, Np50:0.00000x10^15, Np51:0.00000x10^15, Np52:0.00000x10^15, Np53:0.00000x10^15, Np54:0.00000x10^15, Np55:0.00000x10^15, Np56:0.00000x10^15, Np57:0.00000x10^15, Np58:0.00000x10^15, Np59:0.00000x10^15, Np60:0.00000x10^15, Np61:0.00000x10^15, Np62:0.00000x10^15, Np63:0.00000x10^15, Np64:0.00000x10^15, Np65:0.00000x10^15, Np66:0.00000x10^15, Np67:0.00000x10^15, Np68:0.00000x10^15, Np69:0.00000x10^15, Np70:0.00000x10^15, Np71:0.00000x10^15, Np72:0.00000x10^15, Np73:0.00000x10^15, Np74:0.00000x10^15, Np75:0.00000x10^15, Np76:0.00000x10^15, Np77:0.00000x10^15, Np78:0.00000x10^15, Np79:0.00000x10^15, Np80:0.00000x10^15, Np81:0.00000x10^15, Np82:0.00000x10^15, Np83:0.00000x10^15, Np84:0.00000x10^15, Np85:0.00000x10^15, Np86:0.00000x10^15, Np87:0.00000x10^15, Np88:0.00000x10^15, Np89:0.00000x10^15, Np90:0.00000x10^15, Np91:0.00000x10^15, Np92:0.00000x10^15, Np93:0.00000x10^15, Np94:0.00000x10^15, Np95:0.00000x10^15, Np96:0.00000x10^15, Np97:0.00000x10^15, Np98:0.00000x10^15, Np99:0.00000x10^15, Np100:0.00000x10^15

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DRO, SWA2, LAKA, KALE, SERG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAR, KSRS, MJAR, USRK, STKA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EFP, KALE, KAL, SERG, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like FYTO, SKIA, NEOK, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like DIVS, TEKS, MDVOR, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like PTEO, MORF, LIS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMIG Aquila, R15V, EZ5V, ZIIG, MOIG.

NNC 03 11:32:30.2, 3.3, 36.31N; 70.38E, h89km, 54km, mb3.4, mpv3.7. Error ellipse: s-maj=21.8km s-min=16.5km az=116.0.

IDC 03 11:32:33.2, 8.6, 36.51N; 70.34E, h107km, 61km, mb3.4/2, mb1 3.2/7, mb1mx2.9/36, mbtmp3.6/7, Error ellipse: s-maj=68.1km s-min=39.7km az=6.0.

ISC 03 11:32:31.2, 2.2, 36.4N; 0.1; 70.3E; 0.1, h100km, n18, r=131/25, 4C-4D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML Almayashu, MNAS Manas, KK31 Karatay Array, EKS2 Erkin-Say, KZA Kyzart, AAK Ala-Archa, USP Ospenovka, TKM2 Tokmak 2, MKAR Makanchi Array, AB31 Abulak array, KURBB Kurchatov Arra, AKTO Aktyubinsk, BVAR Borovoye Array, ZALV Zalesovo Beam, ARCES ARCES Array B.

IDC 03 11:59:25.0; 1.7, 9.45S; 124.73E, h0km, mb3.2/1, mb1 3.7/4, mb1mx3.4/43, mbtmp3.5/4, ML3.7/3, Error ellipse: s-maj=107.4km s-min=26.7km az=65.0, Timor region

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

BUJ 03 12:06:33.1, 37.95N; 112.59W, h5km, mb4.9/13, mB5.4/8, Ms5.1/2, Ms7.4/8/2

GCMT 03 12:06:36.0; 0.5, 38.21N; 112.30W, h12km, MW4.8/72, Moment Tensor Solution. s21,c22; s72,c100; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=0.81; 12; Mw=0.57; 11; Mo=1.37; 10; Mo=0.96; 42; Mo=0.99; 08; M1=0.54; 34; Best double couple: M1=8.750000*10^16; NP1=57.000000*0.873.000000*1.46.000000* NP2: q=164.000000*344.000000*156.000000* Principal axes: T 2.0650, Plg18.000000, Azm117.000000; N -0.3830, Plg40.000000, Azm222.000000; P -1.6850, Plg45.000000, Azm8.000000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s.

ISCJB 03 12:06:36.3; 0.1, 38.23N; 0.01; 112.25W; 0.01, h10km, mb4.6/61, MS4.0/16 Error ellipse: s-maj=1.8km s-min=1.5km az=174.5

NEIC 03 12:06:36.0, 38.25N; 112.34W, h5km, mb4.5/17, MW4.6, ML4.6(SLC) Best double couple: NP1=57.000000*0.873.000000*1.46.000000* NP2: q=164.000000*344.000000*156.000000* Principal axes: T 1.0000, Plg22.000000; Azm125.000000; N 0.0000, Plg19.000000; Azm222.000000; P -1.0000, Plg60.000000; Azm349.000000; After SLC.

NEIC Felt [IV] at Kingston and Panguitch; [III] at Beaver and Marysvale; [II] at Milford, Monroe and Parowan. Also felt at Antimony, Beryl, Cedar City, Draper, Greenville, Joseph, Kanab, Loa, Modena, Richfield, Saint George, Salt Lake City, Sandy, Saratoga Springs, Sevier, Tooele and Torrey. Felt [II] at Page, Arizona. Also felt at Flagstaff. Felt at Henderson, Las Vegas and Mesquite, Nevada.

IDC 03 12:06:36.3; 0.4, 38.20N; 112.33W, h0km, mb4.5/31, mb1 4.5/42, mb1mx4.4/73, mbtmp4.4/40, ML4.2/8, MS3.9/22, MS1 3.9/22, ms1mx3.7/59 Error ellipse: s-maj=8.1km s-min=6.0km az=37.0

MOS 03 12:06:36.3; 1.3, 38.20N; 112.30W, h10km, mb4.8/38, Error ellipse: s-maj=9.9km s-min=5.9km az=95.1

ISC 03 12:06:37.9; 1.3, 38.23N; 0.03; 112.28W; 0.03, h8km, 8km, n490, r=121/490, mb4.7/60, MS4.0/17, 8C-4D, Utah

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSU Marysvale, CCUT Cedar City, TMUT Trail Mountain, SRU San Rafael Swe, NLU North Lily Min, DUG Dugway, Tooele, JLU Dugway, Tooele, CTU Camp Tracy, R11A Troy Canyon, R11A Troy Canyon, C, BGR Big Grassy Mtn, WUAZ Wupatki.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WUAZ, WUAP, SHPR, MVCO, MVCO, ELKO, ELK, TPNV, HUU, HUU, O20A, O20A, O20A, O20A, O20A, W18A, W18A, W18A, W18A, SHOC, TUQ, FURC, PDMCI, PDMCI, GRAC, S22A, GMR, BMN, BMN, AHID, GSC, DAC, DAC, IRM, MPMC, HEC, NVAR, NVAR, NVAR, Y12C, TIN, BW06, BW06, PDAR, PDAR, PDAR, LRM, BELC, MLAC, BC3, SDCO, SDCO, ISCO, ISCO, HLID, HLID, HLID, N23A, Q24A, LAZ, EDW2, ANMO, ANMO, ANMO, ANMO, ANMO, ANMO, PFO, PFO, PFO, MFD, RCTC, BFSC, VES, Y22D, LPM, SWSC, TUC, TUC, MURC, MURC, ARVC, K22A, K22A, 214A, 214A, H17A, H17A, H17A, DECC, MONP2, YFT, T25A, IBP, LWOR, YMR, YNR, MCMT.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QLMT, 121A, 121A, MOD, RLMT, RLMT, BOZ, BOZ, SRO, SRO, KSCO, KSCO, GCMT, GCMT, S28A, R28A, J25A, WDC, P28A, OGNE, OGNE, O28A, O28A, K04D, J05D, HRY, N02D, RSSD, RSSD, MNTX, MNTX, J26A, J26A, I25A, N28A, MSO, CHMT, M02C, YBH, YBH, YBH, R29A, T29A, MSTX, MSTX, S29A, S29A, Q29A, P29A, M28A, SLMT, L28A, H25A, I05D, AMTX, AMTX, I26A, KHUM, HUMO, J27A, S30A, SWMT, N29A, K28A, R30A, I04A, Q30A, M29A, P30A, L02D, H26A, G25A, J28A, J28A, CBKS, CBKS, W30A, EGMT, EGMT, H27A, H27A, I03D, R31A, T31A, U31A, G26A, F25A, Q31A, S31A, P31A, I28A, K29A, Q31A.

3d 12h

2011 JAN

Table with columns: ID, Name, Time, Date, Status, Location, etc. Includes entries like V31A Spring Creek L, L30A Spencer Herefo, Z30A Sanderson Ranc, etc.

Table with columns: ID, Name, Time, Date, Status, Location, etc. Includes entries like 233A Rising Star, T35A Sooner Cattle, A25A Svangstu Ranch, etc.

Table with columns: ID, Name, Time, Date, Status, Location, etc. Includes entries like O38A Galt, A30A Hoffart Farm, K37A Belmond, etc.

Table with columns: VAF, VAF, Ylistaro, 72.84, 20, P, P, 12 18 06.9 +0.1, etc. Includes stations like FINESSE Array B, Bodaibo, Vasula, Sonseca Array, Collim, etc.

Table with columns: AAK, Ala-Archa, 99.28 355, P, Pdfif, 12 20 19.8 -0.9, etc. Includes stations like TOROD Torodi Arr, CMAR Chiang Mai Arr, WRA Warrungarra Arr, etc.

Table with columns: GZR, Gura Zlata, 34.17, 91, P, P, 12 20 46.2 +1.1, etc. Includes stations like ULM Lac du Bonnet, YKA Yellowknife Arr, INK Inuvik, etc.

Table with columns: Station, Frequency, Modulation, Power, and other parameters. Includes stations like Iran Long-Peri, IR5, IVRN, IZAZ, etc.

Table with columns: Station, Frequency, Modulation, Power, and other parameters. Includes stations like KIV, BRTR, ANN, ABKAR, etc.

Table with columns: Station, Frequency, Modulation, Power, and other parameters. Includes stations like OTUK, AKASG, KIEV, etc.

3d 14h

Table of station data for 3d 14h, including call signs like CHKZ, JIRN, MAK, etc., and their respective coordinates and signal characteristics.

2011 JAN

Table of station data for 2011 JAN, including call signs like VORD, MOY, MMAI, etc., and their respective coordinates and signal characteristics.

128

Table of station data for 128, including call signs like NB2, NOA, IPM, etc., and their respective coordinates and signal characteristics.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PSI Prapat, MDSI Maura Dua, LHSI Lahat, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ARU Aru, ARU Art, ARU Akbulak array, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AKASG Malin Array Be, KIEV Kiev, P17A Butcher Ranch, etc.

BJI 03 15:36:26.6, 51.70N; 175.72W, h31km, mb4.9/20, mB5.0/9, Ms4.9/4, Mst 4.6/5
NEIC 03 15:36:32.1, 51.46N; 176.20W, h34km, mb4.5/13,
IDC 03 15:36:32.2, 1.9, 51.73N; 176.37W, h39km, 15km, mb3.9/27,
mb1.4/28, mb1mx3.9/52, mbtmp4.1/28, ML4.4/1, MS3.4/7,
Ms1.3/47, ms1mx3.0/51, Error ellipse: s-maj=18.5km,
s-min=10.4km az=163.0
ISCJB 03 15:36:33.1, 0.4, 51.68N; 0.07; 176.27W; 0.04, h62km, 2km,
mb4.3/51, Error ellipse: s-maj=11.3km s-min=3.2km
az=169.3
MOS 03 15:36:34.3; 1.2, 51.72N; 176.24W, h76km, mb4.3/23,
Error ellipse: s-maj=14.0km s-min=9.7km az=95.9
ISC 03 15:36:32.9; 1.0, 51.54N; 0.08; 176.23W; 0.03, h48km, 7km,
n142, 1.6/149, mb4.3/51, MS3.4/51, 5C-1D, Andreanof

Table with columns: Code, Station, Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like ETKA Kagalaska Isla, GSKC Great Sitkin C, etc.

3d 16h

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like H1N3, H1N1, USRK, etc.

2011 JAN

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like GUN, JIRN, ESK, etc.

132

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like PMG, STKA, WRAB, etc.

Table with columns: CHMS, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Chumysh, Ospenovka, Tokm2, etc.

IDC 03 18:04:56.71.1.7, 26.91N x 143.87E, h0km, mb3.3/4, mb1 3.5/5, mb1mx3.3/4, mbtmp3.3/5, ML3.9/1, MS3.4/1, Ms1 3.4/1, ms1mx2.6/2.6, Error ellipse: s-maj=37.6km s-min=20.6km az=58.0, Bonin Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Chichijima, Mjars, Usuriysk Arr, etc.

IDC 03 18:08:43.4.0.8, 18.84N x 145.88E, h0km, mb3.7/9, mb1 4.0/9, mb1mx3.7/5, mbtmp3.7/9, Error ellipse: s-maj=31.8km s-min=17.6km az=94.0, Mariana Islands

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Warrungarra Arr, Songoing Array, ASAR Alice Springs, etc.

ISCJB 03 18:11:19.3.0.4, 26.03N x 103.110.35W, h0km, mb4.1/14, Error ellipse: s-maj=6.9km s-min=4.4km az=173.3

IDC 03 18:11:19.7.1.0, 26.10N x 110.46W, h0km, mb3.8/7, mb1 4.0/11, mb1mx3.8/4.6, mbtmp3.8/11, ML3.3/4, Error ellipse: s-maj=19.2km s-min=16.4km az=85.0

NEIC 03 18:11:20.7.0.7, 25.91N x 110.56W, h10km, mb4.4/15, Error ellipse: s-maj=11.7km s-min=8.4km az=48.0

GCMT 03 18:11:20.7.0.6, 26.00N x 110.56W, h31km, 2km, MW5.0/72, Moment Tensor Solution, s21, c22, s72, c95, Duration: 0 Moment tensor: Scale 10^19Nm, M1=0.645, 34, M2=0.25, M3=3.72, 25, M4=1.15, 31, M5=0.41, 19, M6=0.02, 29, Best double couple: M3.661, 00, 101, M1=134.000000, 876.000000, 1.164.000000, NP2: 6.40.000000, 874.000000, 1.15.000000, Principal axes: T 3.7560, P1g1.0000, Azm266.0000, N -0.1890, P1g69.0000, Azm174.0000, P -3.5650, P1g21.0000, Azm357.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

MEX 03 18:11:24.7.0.5, 25.97N x 110.31W, h10km, MD3.7, ISC 03 18:11:20.6.0.6, 26.07N x 110.49W, h10km, n60, s161/51, mb4.2/14, Gulf of California

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like La Paz, LPIG, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like LPIG, LPAZ, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Santa Rosalia, SRIG, etc.

Table with columns: SRIG, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Santa Rosalia, Sierra La Lagu, etc.

IDC 03 18:12:41.8.1.4, 25.99N x 110.31W, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/4, mbtmp3.6/4, MS4.1/7, Ms1 4.1/7, ms1mx3.9/2.6, Error ellipse: s-maj=59.5km s-min=18.9km az=86.0, Gulf of California

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like LPIG, LPAZ, etc.

ISC 03 18:13:08.3.0.9, 3.03N x 75.19W, h8km, 7km, ML2.1, Colombia

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Prado, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Prado, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Prado, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Prado, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Prado, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Prado, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Prado, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Prado, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Prado, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Prado, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Prado, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Prado, etc.

Table with columns: SJAC, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like San Juan de Ar, Tolima, etc.

IDC 03 18:15:56.9.1.0, 19.34N x 122.62E, h0km, mb3.7/8, mb1 3.8/9, mb1mx3.5/5, mbtmp3.6/9, ML3.3/1, Error ellipse: s-maj=33.3km s-min=19.1km az=64.0

ISCJB 03 18:16:00.2.0.7, 19.32N x 107.122.38E, 0.09, h33km, mb3.6/8, Error ellipse: s-maj=14.3km s-min=6.8km az=31.2

ISC 03 18:16:02.2.1.0, 19.27N x 107.122.4E, 0.1, h35km, n16, s173/14, mb3.7/8, 1C-3D, Philippine Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Pasuquin, Brgy, Tapao, etc.

IDC 03 18:20:47.2.1.1, 26.79N x 141.36E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.3/4, mbtmp3.6/4, ML3.2/1, Error ellipse: s-maj=27.3km s-min=17.2km az=139.0, Bonin Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Chichijima, Mjars, Warrungarra Arr, etc.

IDC 03 18:22:36.8.0.9, 7.84N x 93.89E, h0km, mb3.8/10, mb1 3.9/12, mb1mx3.8/4.9, mbtmp3.8/12, ML4.1, 12, MS3.4/4, Ms1 3.4/4, ms1mx3.1/4.8, Error ellipse: s-maj=34.7km s-min=17.3km az=53.0

ISCJB 03 18:22:37.6.0.6, 7.72N x 0.08.94, 10E, 0.1, h18km, mb3.9/13, MS3.4/1, Error ellipse: s-maj=6.4km az=141.4

NEIC 03 18:22:41.7.0.7, 7.76N x 93.87E, h35km, mb4.4/2, Error ellipse: s-maj=17.9km s-min=10.5km az=66.0

ISC 03 18:22:39.6.0.7, 7.8N x 0.1.94, 0E, 0.1, h18km, n33, s1955/26, mb3.8/13, Nicobar Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like Mjars, Warrungarra Arr, ASAR Alice Springs, etc.

IDC 03 18:22:36.8.0.9, 7.84N x 93.89E, h0km, mb3.8/10, mb1 3.9/12, mb1mx3.8/4.9, mbtmp3.8/12, ML4.1, 12, MS3.4/4, Ms1 3.4/4, ms1mx3.1/4.8, Error ellipse: s-maj=34.7km s-min=17.3km az=53.0

ISCJB 03 18:22:37.6.0.6, 7.72N x 0.08.94, 10E, 0.1, h18km, mb3.9/13, MS3.4/1, Error ellipse: s-maj=6.4km az=141.4

NEIC 03 18:22:41.7.0.7, 7.76N x 93.87E, h35km, mb4.4/2, Error ellipse: s-maj=17.9km s-min=10.5km az=66.0

ISC 03 18:22:39.6.0.7, 7.8N x 0.1.94, 0E, 0.1, h18km, n33, s1955/26, mb3.8/13, Nicobar Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like PSI, KULM, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like PSI, KULM, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like PSI, KULM, etc.

IDC 03 18:30:42.2.0.7, 30.29S x 177.72W, h0km, mb4.3/9, mb1 4.4/10, mb1mx4.2/3.0, mbtmp4.2/10, ML3.4/1, MS3.4/1, Ms1 3.4/1, ms1mx2.8/3.4, Error ellipse: s-maj=23.1km s-min=18.1km az=103.0

NEIC 03 18:30:45.4.3.4, 30.29S x 177.72W, h21km, 22km, mb4.8/2,

Error ellipse: s-maj=16.3km s-min=10.7km az=98.0
ISCJB 03 18:30:46.7,0.8,30.42S,0.05:177.8W,0.2,h46km,mb4.3/10,Error ellipse: s-maj=20.4km s-min=5.5km az=12.8

ISC 03 18:30:48.6,0.7,30.27S,0.06:177.8W,0.2,h46km,n37,c158/40,mb4.3/10,1C,Kermadec Islands

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

ISC 03 18:51:54.9,2.4,27.22N,143.40E,h0km,mb3.4/2,mb1.3/6,mb1mx3.2/38,mbtmp3.3/3,ML2.5/1,Error ellipse: s-maj=40.8km s-min=24.8km az=30.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Bonin Islands region.

LDG 03 19:02:05.9,0.2,39.35N,6.27E,h20km,ML3.1/5,Error ellipse: s-maj=5.4km s-min=2.5km az=147.0

CSEM 03 19:02:06.0,0.3,39.50N,6.09E,h20km,mb4.2,Error ellipse: s-maj=7.2km s-min=3.7km az=145.0

ISC 03 19:02:02.2,1.8,39.41N,0.09:6.20E,0.06,h10km,n56,c156/40,Western Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Western Mediterranean Sea region.

Table with columns: SMRF, SMRF, ERTA, CSOR, CSOR, MTLF, MTLF, EMOF, EMOF, EMOF, AFON, AFON, MBDF, MBDF, MBDF, ORIF, ORIF, ORIF, VIVF, VIVF, VIVF, ESAC, ESAC, ESAC, EPF, EPF, EPF, ETOB, ETOB, ETOB, LPG, LPG, LPG, LPL, LPL, LPL, ETSF, ETSF, ETSF, CAF, CAF, CAF, ATE, ATE, ATE, ATE, ETOR, ETOR, ETOR, IEO, IEO, IEO, IEO, SJPF, SJPF, SJPF, ELIZ, ELIZ, ELIZ, ELK, ELK, ELK, EALK, EALK, EALK, SESP, SESP, SESP, EHUE, EHUE, EHUE, EQES, EQES, EQES, BGF, BGF, BGF, BSG, BSG, BSG, ELAN, ELAN, ELAN. Lists seismic stations and their coordinates.

ISC 03 19:12:01.2,1.0,19.30N,122.33E,h0km,mb3.6/7,mb1.3/7,mb1mx3.5/48,mbtmp3.6/8,ML3.5/1,Error ellipse: s-maj=34.3km s-min=18.8km az=69.0

ISCJB 03 19:12:05.3,0.7,19.27N,122.22E,0.10,h44km,mb3.5/7,Error ellipse: s-maj=15.3km s-min=6.6km az=4.8

ISC 03 19:12:07.0,0.9,19.33N,122.12E,0.11,h44km,n14,c158/12,mb3.5/7,1C-2D,Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Philippine Islands region.

ISCJB 03 19:26:12.4,0.8,27.06N,0.10:143.88E,0.08,h10km,mb3.6/9,Error ellipse: s-maj=13.9km s-min=10.5km az=174.8

ISC 03 19:26:12.8,0.8,26.99N,143.94E,h0km,mb3.6/9,mb1.3/9,mb1mx3.6/34,mbtmp3.6/10,ML3.7/1,Error ellipse: s-maj=22.9km s-min=19.0km az=103.0

ISC 03 19:26:14.4,1.0,27.00N,0.11:143.82E,0.09,h10km,n12,c073/13,mb3.6/9,Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Bonin Islands region.

ISC 03 19:34:32.1,0.9,46.08N,83.18E,h0km,mb3.3/4,mb1.3/4,mb1mx3.3/39,mbtmp3.3/9,ML2.8/5,Error ellipse: s-maj=18.2km s-min=8.8km az=53.0

NCC 03 19:34:33.8,1.1,46.17N,83.10E,h3km,4km,mb3.9,mb3.5,Error ellipse: s-maj=9.6km s-min=4.3km az=77.0

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

ISK 03 19:38:32.7,3.7,12N,28.93E,h7km,MD2.8 CSEM 03 19:38:21.0,0.3,37.10N,28.91E,h8km,MD2.8,Error ellipse: s-maj=7.4km s-min=5.7km az=34.0

DDA 03 19:38:21.1, 37.12N-28.91E, h7km, Md2.8
ISC 03 19:38:21.0, 1.2, 37.12N:0.02-28.89E:0.02, h0km, m11km,
n28, r126/42, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like TURUN, YERKESIK, FETHIYE, GOLHISAR, DENIZLI, ELLI, MILAS, AYDIN, AKAS, Zeytinokoy-Aydi, BODUM, KHALI, MANT, KULA, etc.

WEL 03 19:43:10.1, 0.4, 36.81S-177.49E, h140km, 3km, ML3.7/13,
8C, Error ellipse: s-maj=3.8km s-min=3.6km az=0.0, Off
east coast of North India

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like HAZ, MXZ, WMGZ, PUZ, TWGZ, URZ, MWZ, TKGZ, RAGZ, CNGZ, RIMUHAU, SNGZ, SHAH, RAHZ, PRGZ, MRHZ, KNZ, WHHZ, NMHZ, MHGZ, ARHZ, BKZ, KWHZ, CKHZ, BHZ, MOVZ, KRHZ, KAHZ, PKZ, PNHZ, TSZ, PRHZ, DVHZ, POWZ, PRWZ, MRZ, TIWZ, CPWZ, HOWZ, GKWZ, TIWZ, MTW, CAW, TCW, PLWZ, etc.

ISC/JB 03 19:45:32.0, 0.7, 26.93N:0.08-144.01E:0.07, h10km,
mb3.8/10, Error ellipse: s-maj=11.5km s-min=8.4km
az=4.1

IDC 03 19:45:32.4, 0.9, 26.80N:144.01E, h0km, mb3.8/8,
mb1.4/0.9, mb1mx3.7/1, mbtmp3.7/9, ML3.6/1, Error
ellipse: s-maj=25.6km s-min=20.4km az=78.0

NEIC 03 19:45:34.0, 0.6, 26.82N:143.94E, h10km, mb4.3/2, Error
ellipse: s-maj=17.3km s-min=11.6km az=72.0

JMA 03 19:45:37.9, 27.47N-143.68E, h1km
ISC 03 19:45:34.1, 0.9, 26.93N:0.1-143.92E:0.09, h10km, n19,
r098/19, mb3.9/10, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like CBJJ, JCU, JHU, JRY, JHO, JFK, MJAR, SONM, WRAB, WRA, ASAR, MKAR, KURK, BRVK, YKA, FINES, KBZ, NVAR, etc.

ISC/JB 03 19:52:05.8, 0.6, 33.73N:0.02-35.48E:0.03, h2km, 3km,
Error ellipse: s-maj=5.0km s-min=3.0km az=27.3

GII 03 19:52:05.4, 0.0, 33.68N:35.50E, h1km, MD2.4/4
NSSC 03 19:52:05.7, 1.2, 33.70N:35.45E, h6km, 5km, ML2.5
CSEM 03 19:52:06.0, 0.2, 33.73N:35.48E, h2km, ML3.4, Error
ellipse: s-maj=3.8km s-min=2.1km az=118.0

GRAL 03 19:52:07.0, 0.5, 33.72N:35.53E, h0km, 4km, MD3.4
ISC 03 19:52:06.1, 1.0, 33.72N:0.02-35.50E:0.03, h4km, m7km,
n49, r059/85, Jordan-Syria region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like DQRL, BEIRUT, BHL, BRBR, KSDI, HQW, QASN, HNTI, MMA0B, TOT, etc.

TOT comp=N, 92nm, 0.6s AML AML 19 52 45.1

TOT comp=N, 70nm, 0.3s AML AML 19 52 29.9

MARH Ras Al Marh 0.87 69 eP Sg 19 52 23.1

MARH comp=N, 223nm, 0.6s AML AML 19 52 42.2

MARH comp=E, 240nm, 0.4s AML AML 19 52 23.1

FKH Fakeheh 0.92 55 eP Sg 19 52 25.5

BLGI Bet Lehem HaGe 1.01 195 eP Sg 19 52 27.4

TCHB Talchebab 1.12 159 eS Sg 19 52 27.4

TCHB comp=N, 266nm, 0.3s AML AML 19 52 27.4

OFRI Ofer 1.17 202 Pg Sg 19 52 28.3

MFLI Mount Malkishu 1.28 183 Pg Sg 19 52 30.0

MMLI Mount Malkishu 1.28 183 Pg Sg 19 52 30.0

SALA Sala 1.44 134 eS Sg 19 52 51.9

SALA comp=N, 102nm, 0.4s AML AML 19 52 54.6

SALA comp=E, 14nm, 0.5s AML AML 19 52 32.9

HMDT Nahal Hemdat 1.46 179 Pn Sg 19 52 33.0

HMDT Nahal Hemdat 1.46 179 Pn Sg 19 52 33.0

BIDA Albida 1.46 27 eS Sg 19 52 37.7

BIDA comp=N, 282nm, 0.3s AML AML 19 52 56.2

BIDA comp=E, 420nm, 0.3s AML AML 19 52 56.8

BIDA comp=E, 420nm, 0.3s AML AML 19 52 33.2

SLTI Salit 1.52 195 Pn Sg 19 52 34.1

SLTI Salit 1.52 195 Pn Sg 19 52 34.1

ROOS t_alroos 1.56 73 eS Sg 19 52 35.5

ROOS comp=N, 138nm, 0.4s AML AML 19 53 04.3

0.3nm, 0.9s, baz=339, slow=9.0, SNR=8.0
ASAR Air Springs 36.09 167 P 20 02 13.8

H1N1 WAKE ISLAND Hy 40.41 73 T 20 46 22.4

H1N2 WAKE ISLAND Hy 40.41 73 T 20 46 18.6

H1N3 WAKE ISLAND Hy 40.42 73 T 20 46 22.9

MKAR Makanchi Array 50.51 322 P 20 04 10.5

KURBB Kurchatov Arra 54.54 325 P 20 04 41.5

ISC/JB 03 20:09:37.5, 0.8, 26.88N:0.1-144.03E:0.07, h10km,
mb3.8/9, Error ellipse: s-maj=16.1km s-min=8.8km az=8.3

IDC 03 20:09:37.9, 0.9, 26.83N:143.96E, h0km, mb3.8/8,
mb1.3/9/10, mb1mx3.7/6/1, mbtmp3.7/10, ML3.4/2, Error
ellipse: s-maj=22.0km s-min=18.8km az=34.0

NEIC 03 20:09:39.2, 0.7, 26.85N:143.99E, h10km, mb4.2/1, Error
ellipse: s-maj=15.9km s-min=12.3km az=57.0

ISC 03 20:09:39.3, 0.9, 26.93N:0.1-143.92E:0.08, h10km, n15,
r057/17, mb3.8/9, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like CBJJ, CJJ, MJAR, KSRS, SONM, WRA, FITZ, ZALV, MKAR, KURK, KURBB, ILAR, NVAR, LPAZ, etc.

IDC 03 20:12:55.4, 1.1, 0.62N:126.27E, h0km, mb3.8/5,
mb1.3/9/7, mb1mx3.6/4/7, mbtmp3.8/7, ML3.6/2, Error
ellipse: s-maj=49.5km s-min=17.8km az=68.0

ISC/JB 03 20:12:59.0, 0.5, 0.46N:0.06-125.92E:0.05, h44km,
mb3.9/6, Error ellipse: s-maj=9.5km s-min=6.3km az=32.4

DJA 03 20:12:59.4, 1.7, 0.4N:12.6E, h12km, 15km, M3.8/10,
ML3.8/10

NEIC 03 20:13:00.1, 0.7, 0.56N:126.33E, h35km, mb4.2/1, Error
ellipse: s-maj=13.9km s-min=12.9km az=101.0

ISC 03 20:13:01.6, 0.9, 0.47N:0.06-125.92E:0.05, h44km, n24,
r106/23, mb3.9/6, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like TINTI, LBMI, KUSMI, SANI, SGSI, LUWI, MRSI, APPI, KRAI, MSAI, SJI, MFSI, KAPI, FITZ, WRAB, WRA, ASAR, MKAR, KURBB, KURK, etc.

ISC/JB 03 20:17:29.0, 0.4, 43.62N:0.03-105.16W:0.05, h0km,
mb3.9/3, MS3.8/1, Error ellipse: s-maj=5.1km s-min=5.0km
az=148.2

IDC 03 20:17:30.9, 1.0, 43.45N:105.31W, h0km, mb3.9/3,
mb1.3/8/8, mb1mx3.2/4/9, mbtmp3.5/8, ML2.8/4, MS3.2/2,
M1.1/4/2, m1mx2.7/4/8, Error ellipse: s-maj=22.1km
s-min=8.7km az=151.7

NEIC 03 20:17:31.6, 0.4, 43.57N:105.16W, h0km, ML3.3, Error
ellipse: s-maj=5.1km s-min=4.5km az=64.0, Suspected
Mining explosion.

NEIC 03 20:17:31.0, 0.7, 43.58N:105.16W:0.05, h0km, n59,
r139/56, mb4.1/3, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like RSSD, PHWY, PDAR, PDAR, BW06, RLMT, OGALLA, YFR, GCMC, LKWB, LOHW, H17A, FLYW, MOOW, Q20A, YNR, REDW, YFR, TRAW, YNR, AHIC, SHCO, QLMT, KSCO, BOZ, EGMG, BGNE, JLU, etc.

2011 JAN

3d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Dillon, Holter Researc, LRM, MDND, MCMT, SDCO, PV04, HVU, PV01, SRU, ECSD, CBKS, TMUT, CHMT, HLID, SLMT, MSW, SWMT, ELFK, ANMO, H10CA, ULM, WUAZ, NVAR, TXAR, TXAR, TXAR, ILAR, ARCES, FINES, CPUP.

ISCJB 03 20:23:40.3±0.3, 32°13'N, 105°03'10.05"E, 0.04, h14km, mb3.9/18, MS3.3/4, Error ellipse: s-maj=5.1km s-min=4.1km az=34.2

IDC 03 20:23:40.1±0.6, 32°13'N, 105°01'E, h0km, mb3.9/16, mb1.4/0.19, mb1mx3.8/6.1, mb1mx3.9/19, ML3.4/3, MS3.3/4, Ms1.3/3.4, ms1mx2.7/6.1, Error ellipse: s-maj=20.5km s-min=13.8km az=59.0

NEIC 03 20:23:41.9±0.3, 32°17'N, 105°03'E, h10km, mb4.0/2, Error ellipse: s-maj=8.1km s-min=7.0km az=48.0

BJJ 03 20:23:42.5, 32°25'N, 104°55'E, h10km, mb4.1/7, mB2.4/2, ML4.2/24, Ms3.6/7, Ms7.3/3.8

ISC 03 20:23:42.1±0.5, 32°21'N, 104°05'06"E, 0.04, h14km, n44, c135/50, mb4.0/18, MS3.2/4, 1C-2D, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chengdu, Xi'an, Lanzhou, Enshi, Guliang, Wuhan, Gaotai, Batoou, LSA, CMAR, SONM, TAPN, ODAN, RAMN, GUNB, PKI, PKIN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KKN, DMN, KOLN, KSAR, KRSR, MKAR, MKAR, ZALV, AAK, KURBB, KURBB, KURK, KURK, BRVK, ABKAR, GEYT, SEY, PETK, ARCES, BRTR, FINES, WRA, ASAR, NOA, VRAC, ILAR, INK, STKA, RES, YKA.

ISCJB 03 20:23:44.9±0.4, 38°30'N, 104°11'24.3W, 0.05, h7km, mb3.0/1, Error ellipse: s-maj=5.8km s-min=5.6km az=27.2

IDC 03 20:23:44.4±1.4, 38°27'N, 112°49'W, h0km, mb3.2/1, mb1.3/2.5, mb1mx3.1/6.0, mb1mx3.2/5, ML3.0/4, Error ellipse: s-maj=16.0km s-min=9.9km az=163.0

NEIC 03 20:23:45.0, 38°24'N, 112°34'W, h2km, ML3.2(SL), After SLC

NEIC Felt at Beaver, Monroe, Nephi and Teasdale. ISC 03 20:23:45.7±0.9, 38°33'N, 104°11'24.9W, 0.03, h7km, n33, c129/36, Utah

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSU, CCUT, TMUT, NLU, SRU, DUG, JRU, CTU, R11A, BGU, SHPR, PV04, WUAZ, PV01, ELK, ELKO, MVK, HVU, O2OA, W18A, BMN, SMCO, AHIC, DAC, NVAR, NVAR, PDAR, PDAR, PDAR, REDW, HLID, LOHW, SDCO, MOOW, MFID, ANMO, ANMO, YKA.

ISCJB 03 20:25:29.7±0.6, 26°19'N, 103°11'01.44W, 0.05, h15km, mb3.0/1, MS3.7/1, Error ellipse: s-maj=7.3km s-min=4.5km az=162.2

IDC 03 20:25:33.5±1.4, 25°80'N, 110°02'W, h0km, mb3.2/1, mb1.3/7.3, mb1mx3.2/5.3, mb1mx3.2/3, ML3.9/1, MS3.1/4, Ms1.3/1.4, ms1mx2.9/12, Error ellipse: s-maj=27.5km s-min=12.5km az=108.0

MEX 03 20:25:33.2±0.4, 26°19'N, 110°46'W, h8km, 6km, MD4.0, ISC 03 20:25:30.9±1.2, 26°17'N, 105°11'51.0W, 0.06, h15km, n11, c193/12, Gulf of California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUYB, GUYB, SRIG, SRIG, LPIG, LPIG, LPIG, LPIG, SLBS, HSG, HSG, HPIG, HPIG, TXAR, TXAR.

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

IDC 03 20:36:42.8±1.5, 27°01'N, 144°01'E, h0km, mb3.4/3, mb1.3/7.4, mb1mx3.3/3.1, mb1mx3.4/4, ML3.3/1, Error ellipse: s-maj=46.9km s-min=29.0km az=91.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ, JCJ, MJAR, WRA, MKAR, ILAR.

NIED 03 20:40:00.27±20N, 143.80E, h8km, Mw4.1 Best double couple: Mo1.79000x10^15 NP1.3x321.000000, 827.000000, lambda=100.000000, NP2.3x152.000000, 863.000000, lambda=85.000000

IDC 03 20:40:06.2±0.5, 26°9'N, 143°88'E, h0km, mb4.2/18, mb1.4/2.1, mb1mx3.4/3.3, mb1mx4.2/2.1, ML3.7/3, MS3.0/3, Ms1.3/0.3, ms1mx2.6/4.5, Error ellipse: s-maj=16.4km s-min=14.3km az=81.0

NEIC 03 20:40:08.0±0.3, 26°9'N, 143°82'E, h10km, mb4.5/10, Error ellipse: s-maj=6.8km s-min=6.8km az=60.0

JMA 03 20:40:09.1±0.2, 27°22'N, 143°83'E, h24km, M4.4

ISC 03 20:40:08.0±0.5, 27°03'N, 106°143'80"E, 0.05, h10km, m63, c125/64, mb4.3/28, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJ, CBJ, CBJ, CBJ, JCJ, JHH, JHH, JHH, BSO1, BSO2, BSO3, JOD2, JOD2, JHU, JYT, JNY, JRY, MJAR, MAJO, MAT, MAT, JMK, JNK, KSRS, KSAR, ASAJ, USRK, DAV, ULN, SEON, SEON, CMAR, WRAB, WRA, ODAN, ZALV, ZALV, RAMN, RAMN, ASAR, ASAR, PKI, PKIN, KKN, MKAR, DMN, KOLN, KURK, COLD, ILAR, ILAR, STKA, BRVK, KKAR, ABKAR, GEYT, YKA, ARCES, JTMT, SWMT, FINES, KBZ, NVAR, RLMT, AKASG, RAYN, BRTR, LPIG.

TXAR Lajitas Array 94.48 54 P P 20 53 28.4 -0.7
 0.5nm, 0.8s, baz=330, slow=2.3, SNR=5.0

TORD Torodi Ar. Bea 125.70 31 PKP PKPdf 20 59 10.8 +0.1
 0.5nm, 1.0s, baz=24, slow=2.0, SNR=2.9

PTGA Pitinga P 145.29 45 PKP Pbc PKPdf 20 59 46.5 -0.5
 4.4nm, 0.7s, baz=299, slow=10, SNR=5.0

LPAZ La Paz 148.57 77 PKP Pbc PKPab 20 59 57.1 -2.9
 3.6nm, 0.7s, baz=328, slow=3.3, SNR=13

IS/CJB 03 20:43:20.4-0.4, 41°20'N, 0°23'33"E, 0.03, h0km, 3km,
Error ellipse: s-maj=3.3km s-min=3.1km az=135.6

CSEM 03 20:43:20.8-0.2, 41°18'N, 23°34'E, h5km, ML2.7, Error
ellipse: s-maj=3.6km s-min=3.3km az=71.0

ATH 03 20:43:20.7, 41°18'N, 23°33'E, h19km
THE 03 20:43:21.0, 41°17'N, 23°33'E, h5km, 1km, ML2.7/3, Error
ellipse: s-maj=1.0km s-min=0.4km az=324.0

ISC 03 20:43:21.1-0.9, 41°18'N, 0°22'33"E, 0.02, h10km, 8km,
n73, c078/110, 6C-4D, Greece-Bulgaria border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
					h m s	ISC	
SRS	Serrai	0.21	206	ePB	Pg	20 43 25.6 +0.1	
SRS	Serrai	0.21	206	ePb	Pg	20 43 25.6 +0.1	
KNT	Kendrikon	0.32	268	P	Pg	20 43 27.3 -0.2	
KNT	Kendrikon	0.32	268	S	Pg	20 43 31.9 +0.2	
KNT	Kendrikon	0.32	268	P	Pg	20 43 27.3 -0.2	
KNT	Kendrikon	0.32	268	S	Pg	20 43 31.9 +0.2	
SOH	Sokhos	0.35	176	ePB	Pg	20 43 27.9 -0.2	
SOH	Sokhos	0.35	176	P	Pg	20 43 27.9 -0.2	
SOH	Sokhos	0.35	176	S	Pg	20 43 30.9 +0.1	
SOH	Sokhos	0.35	176	P	Pg	20 43 27.9 -0.2	
NVR	Neurokopi	0.44	67	ePB	Pg	20 43 29.6 -0.2	
NVR	Neurokopi	0.44	67	S	Pg	20 43 30.6 +0.3	
NVR	Neurokopi	0.44	67	P	Pg	20 43 29.5 -0.2	
NVR	Neurokopi	0.44	67	S	Pg	20 43 35.6 -0.1	
NVR	Neurokopi	0.44	67	ePB	Pg	20 43 29.6 -0.2	
NVR	Neurokopi	0.44	67	S	Pg	20 43 35.6 -0.1	
NVR	Neurokopi	0.44	67	S	Pg	20 43 30.6 +0.3	
VAY	Valandovo	0.58	285	P	Pg	20 43 32.4 0.0	
VAY	Valandovo	0.58	285	iPg	Pg	20 43 32.8 +0.4	
VAY	Valandovo	0.58	285	eSg	Sb	20 43 41.3 -0.5	
VAY	Valandovo	0.58	285	P	Pg	20 43 42.0 0.0	
VAY	Valandovo	0.58	285	iPg	Pg	20 43 32.8 +0.4	
VAY	Valandovo	0.58	285	eSg	Sb	20 43 41.2 -0.5	
HORT	Hortiatias	0.60	196	ePB	Pg	20 43 32.5 -0.2	
HORT	Hortiatias	0.60	196	eSN	Pg	20 43 41.0 +0.3	
HORT	Hortiatias	0.60	196	P	Pg	20 43 32.5 -0.2	
HORT	Hortiatias	0.60	196	S	Pg	20 43 40.8 +0.1	
THE	Thessaloniki	0.61	206	ePB	Pg	20 43 32.0 -0.8	
THE	Thessaloniki	0.61	206	eSN	Pg	20 43 41.1 +0.3	
THE	Thessaloniki	0.61	206	P	Pg	20 43 32.5 -0.3	
THE	Thessaloniki	0.61	206	S	Pg	20 43 35.6 -0.1	
THE	Thessaloniki	0.61	206	ePB	Pg	20 43 32.0 -0.8	
THE	Thessaloniki	0.61	206	P	Pg	20 43 32.5 -0.3	
THE	Thessaloniki	0.61	206	S	Pg	20 43 35.6 -0.1	
GRG	Griva	0.73	253	ePN	Pg	20 43 40.9 +0.1	
GRG	Griva	0.73	253	ePN	Pg	20 43 34.8 -0.3	
GRG	Griva	0.73	253	eSN	Pg	20 43 45.6 -0.1	
GRG	Griva	0.73	253	S	Pg	20 43 45.0 0.0	
GRG	Griva	0.73	253	P	Pg	20 43 45.3 +0.6	
GRG	Griva	0.73	253	P	Pg	20 43 35.1 0.0	
GRG	Griva	0.73	253	S	Pg	20 43 45.3 +0.6	
PLG	Polygyros	0.81	173	ePB	Pg	20 43 35.7 -0.9	
PLG	Polygyros	0.81	173	P	Pg	20 43 42.5 -0.1	
PLG	Polygyros	0.81	173	S	Pg	20 43 47.7 +0.5	
PLG	Polygyros	0.81	173	P	Pg	20 43 35.7 -0.9	
PLG	Polygyros	0.81	173	S	Pg	20 43 47.7 +0.5	
KAVA	Kavala	0.92	101	ePN	Pg	20 43 47.7 +0.5	
KAVA	Kavala	0.92	101	eSN	Pg	20 43 38.2 -0.6	
KAVA	Kavala	0.92	101	eSN	Pg	20 43 51.0 +0.2	
KAVA	Kavala	0.92	101	P	Pg	20 43 51.0 +0.2	
KAVA	Kavala	0.92	101	ePN	Pg	20 43 38.2 -0.6	
KAVA	Kavala	0.92	101	eSN	Pg	20 43 51.0 +0.2	
OUR	Ouranopolis	0.98	149	ePN	Pg	20 43 39.5 -0.4	
OUR	Ouranopolis	0.98	149	eSN	Pg	20 43 53.5 +0.4	
OUR	Ouranopolis	0.98	149	S	Pg	20 43 39.5 -0.4	
OUR	Ouranopolis	0.98	149	S	Pg	20 43 53.4 +0.4	
OUR	Ouranopolis	0.98	149	P	Pg	20 43 39.5 -0.4	
OUR	Ouranopolis	0.98	149	S	Pg	20 43 53.4 +0.4	
LIT	Litokhoron	1.25	211	ePN	Pg	20 43 43.9 -0.6	
LIT	Litokhoron	1.25	211	eSN	Pg	20 44 01.9 +0.5	
LIT	Litokhoron	1.25	211	P	Pg	20 43 45.0 +0.1	
LIT	Litokhoron	1.25	211	Pn	Pg	20 44 02.0 0.0	
LIT	Litokhoron	1.25	211	Pn	Pg	20 43 44.2 -0.7	
LIT	Litokhoron	1.25	211	Pn	Pg	20 44 02.4 -0.2	
LIT	Litokhoron	1.25	211	Pn	Pg	20 43 44.2 -0.7	
LIT	Litokhoron	1.25	211	Pn	Pg	20 43 44.2 -0.7	
PAIG	Paliouri	1.28	167	ePN	Pg	20 43 45.0 +0.1	
PAIG	Paliouri	1.28	167	eSN	Pg	20 44 02.0 0.0	
PAIG	Paliouri	1.28	167	P	Pg	20 43 44.2 -0.7	
PAIG	Paliouri	1.28	167	S	Pg	20 44 02.4 -0.2	
PAIG	Paliouri	1.28	167	P	Pg	20 43 44.2 -0.7	
PAIG	Paliouri	1.28	167	ePN	Pg	20 43 45.0 +0.1	
PAIG	Paliouri	1.28	167	eSN	Pg	20 44 02.0 0.0	
KZN	Kozani	1.46	234	eSN	Pg	20 43 38.5 +0.1	
KZN	Kozani	1.46	234	eSN	Pg	20 44 08.3 +0.2	
KZN	Kozani	1.46	234	eSN	Pg	20 43 48.5 +0.1	
KZN	Kozani	1.46	234	eSN	Pg	20 44 08.3 +0.2	
FYTO	Fytoko, Volos	1.79	189	ePN	Pg	20 43 53.2 -0.7	
FYTO	Fytoko, Volos	1.79	189	eSN	Pg	20 44 16.2 -0.2	
FYTO	Fytoko, Volos	1.79	189	eSN	Pg	20 43 53.2 -0.7	
FYTO	Fytoko, Volos	1.79	189	eSN	Pg	20 44 16.2 -0.2	
SMTH	Samothraki Isl	1.82	112	ePN	Pg	20 43 53.3 +0.9	
SMTH	Samothraki Isl	1.82	112	ePN	Pg	20 43 53.3 +0.9	
NEST	Nestorio	1.88	247	ePN	Pg	20 43 54.2 +0.8	
NEST	Nestorio	1.88	247	ePN	Pg	20 43 54.2 +0.8	
THL	Klokotos Trika	1.89	212	ePN	Pg	20 43 54.3 +0.9	
THL	Klokotos Trika	1.89	212	eSN	Pg	20 44 19.1 -0.3	
THL	Klokotos Trika	1.89	212	ePN	Pg	20 43 54.3 +0.9	
THL	Klokotos Trika	1.89	212	eSN	Pg	20 44 19.1 -0.3	
LIA	Limnos Island	1.91	131	ePN	Pg	20 43 54.4 +0.8	
LIA	Limnos Island	1.91	131	ePN	Pg	20 43 54.4 +0.8	
BARS	Barje	1.99	326	ePN	Pg	20 43 55.4 +0.7	
AGG	Agios Georgios	2.28	200	ePB	Pg	20 43 59.6 +0.8	
SMIA	Simia	2.30	182	ePB	Pg	20 43 59.9 +0.9	
EVY	Evyntania	2.54	208	ePB	Pg	20 44 03.7 +1.3	
BOVS	Bovaria	2.73	326	ePN	Pg	20 44 02.1 0.0	
GRUS	Boljevac	2.84	340	ePN	Pg	20 44 05.5 -0.9	
BOLS	Gruza	3.32	325	ePN	Pg	20 44 12.7 -0.4	
MUBS	Kucevo	3.45	340	ePN	Pg	20 44 13.4 -1.5	
KDVR	Moldovita	3.79	342	iJP	Pg	20 44 18.4 -1.2	
MDRV	Moldovita	3.79	342	iJP	Pg	20 44 18.4 -1.2	
DIVS	Divibare	3.81	321	iJP	Pg	20 44 18.1 -1.8	
DIVS	Divibare	3.81	321	iJP	Pg	20 44 20.5 +0.6	
VOIR	Voira	4.44	161	iJP	Pg	20 44 30.9 +2.4	
VOIR	Voira	4.44	161	iJP	Pg	20 44 30.9 +2.4	
BZS	Buzias	4.61	345	iJP	Pg	20 44 32.6 +1.9	
BZS	Buzias	4.61	345	iJP	Pg	20 44 32.6 +1.9	
PKSM	Moragy	6.07	328	iJP	Pg	20 44 52.5 +1.7	
PKSM	Moragy	6.07	328	iJP	Pg	20 44 52.5 +1.7	

ISC 03 20:53:54.4-3.2, 3.96S, 151.96E, h0km, mb3.7/3,
mb1 3.9/3, mb1mx3.4/30, mbtmp3.7/3, Error ellipse:
s-maj=117.1km s-min=44.3km az=123.0, New Ireland
region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
					h m s	ISC	
WRM	Warramunga Arr	23.40	226	P	Pg	20 59 06.2 +0.9	
ASAR	Alice Springs	26.25	220	P	Pg	20 59 31.6 +0.2	
FITZ	Fitzroy Crossi	29.35	239	P	Pg	20 59 59.3 0.0	
TORD	Torodi Ar. Beza	149.25	289	PKPbc	Pg	21 13 44.6 -1.7	
		0.3nm, 0.9s, baz=71, slow=1.8, SNR=4.5					

ISC 03 21:02:17.9-0.8, 2°35'S, 140°13'E, h0km, mb4.0/9,
mb1 4.2/12, mb1mx4.1/34, mbtmp4.1/12, ML4.0, MS3.3/6,
Ms1 3.3/6, ms1mx3.0/33, Error ellipse: s-maj=30.6km
s-min=15.9km az=71.0

IS/CJB 03 21:02:19.8-0.6, 2°49'S, 0°05'E, 140°03'E, 0.08, h25km,
mb4.1/11, MS3.0/5, Error ellipse: s-maj=11.2km
s-min=7.2km az=171.0

NEIC 03 21:02:22.6-3.5, 2°41'S, 140°09'E, h33km, 24km, mb4.6/5,

Error ellipse: s-maj=14.5km s-min=8.5km az=225.0
ISC 03 21:02:21.9-0.6, 2°55'S, 0°07'E, 139°08'E, 0.08, h25km, n36,
c151/22n, mb4.2/11, MS3.1/5, 1D, Near north coast of
Irian Jaya

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC
					h m s	ISC	
FAKI	Fak Fak	7.72	267	Op	Pn	21 04 14.4 +1.6	
FAKI	Fak Fak	7.72	267	ePN	Pn	21 04 14.4 +1.6	
FAKI	Sorong	8.86	281	eSN	Pn	21 05 38.7 -0.8	
FAKI	Sorong	8.86	281	Pn	Pn	21 04 29.0 +0.6	
PMG	Port Moresby	9.87	134	Pn	Pn	21 04 42.9 +0.5	
PMG	Port Moresby	9.87	134	LR	Pn	21 08 53.2	
GUMO	Guam	16.76	17	LR	LR	21 10 59.1	
SOEI	Soe	17.16	245	Op	P	21 06 21.8 0.0	
SOEI	Soe	17.16	245	ePN	P	21 06 33.2 +0.9	
WRAB	Tennant Creek	18.12	197	ePN	Pn	21 09 50.3 -3.5	
WRAB	Tennant Creek	18.12	197	eSN	Pn	21 06 33.6 +1.2	
WRAB	Warramunga Arr	18.14	197	P	Pg	21 09 50.3 -3.5	
WRAB	Warramunga Arr	18.14	197	P	Pg	21 06 33.6 +1.2	
WRA	Warramunga Arr	18.14	197	P	Pg	21 09 50.3 -3.5	
WRA	Warramunga Arr	18.14	197	P	Pg	21 06 33.6 +1.2	
KAPI	Kappang	20.32	262	LR	LR	21 16 23.5	
FITZ	Fitzroy Crossi	20.89	221	P	Pn	21 07 05.8 +0.8	
FITZ	Fitzroy Crossi	20.89	221	S	Pn	21 07 54.8 +0.5	
ASAR	Alice Springs	21.80	195	P	P	21 07 14.3 +2.1	
ASAR	Alice Springs	21.80	195	S	P	21 11 11.3 -0.9	
ASAR	Alice Springs	21.80	195	LR	LR	21 15 08.8	
EIDS	Eidsvold	25.08	156	eP	P	21 07 45.0 +0.4	
STKA	Stevens Creek	29.21	177	P	P	21 08 21.5 -0.1	
STKA	Stevens Creek	29.21	177	LR	LR	21 20 52.5	
H1S3	WAKE ISLAND Hy	33.60	50	T	T	21 44 03.0	
H1S2	WAKE ISLAND Hy	33.62	50	T	T	21 44 04.2	
H1S1	WAKE ISLAND Hy	33.62	50	T	T	21 44 05.0	
H1N1	WAKE ISLAND Hy	34.48	49	T	T	21 45 12.6	
H1N2	WAKE ISLAND Hy	34.49	49	T	T	21 45 13.0	
H1N3	WAKE ISLAND Hy	34.50	49	T	T	21 45 13.8	
KSR	Korea Array						

3d 21h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like HLM1, Long Mynd, Galloway, etc.

2011 JAN

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KMY, Karmoy, SNART, etc.

142

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like LPGA, La Plagne, DAVOX, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like MMRI, SPSI, MTKI, SOEI, SBLM, FITZ, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like BDFB, LPAZ, MOS, East of Kuril Islands, SKR, PAU, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like BCPH, IDC, WRA, ASAR, FITZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSP Ksiaz, ZST Bratislava, PRU Pruhonice, CONA Conrad Observa, etc.

GUC 03 22:59:49.9-0.4, 34.765:72.05W, h24km, 3km, ML3.5, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NICH Los Niches, LNV Longovio, CHCH Chadas Angosta, etc.

IDC 03 23:01:53.6-6.2, 26.87N:143.55E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/48, mbtmp3.5/5, MS3.3/1, Ms1 3.3/1, ms1mx2.4/21, Error ellipse: s-maj=235.4km s-min=24.1km az=174.0, Bonin Islands region

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

ISK 03 23:08:36.6, 37.23N:28.55E, h12km, MD2.6 CSEM 03 23:08:37.0-0.3, 37.26N:28.54E, h12km, MD2.6, Error ellipse: s-maj=7.8km s-min=6.1km az=169.0

ISD 03 23:08:37.4, 37.13N:28.48E, h7km, MD2.7 DCA 03 23:08:38.1-1.0, 37.22N:0.03:28.50E:0.2, h9km, 8km, n24, -1529/34, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YER Yerkesik, TUR Turunc, MIL Milas, etc.

ISCJB 03 23:10:13.5-0.8, 41.2S:0.1:90.8W:0.1, h10km, mb4.2/14, MS4.5/18, Error ellipse: s-maj=16.5km s-min=14.9km az=148.7

IDC 03 23:10:13.6-0.8, 41.20S:90.87W, h0km, mb4.2/11, mb1 4.4/12, mb1mx4.2/35, mbtmp4.2/12, MS4.5/19, Ms1 4.5/19, ms1mx4.4/23, Error ellipse: s-maj=24.3km s-min=19.9km az=118.0

ISC 03 23:10:16.0-0.7, 41.2S:0.1:90.66W:0.10, h10km, n40, c1528/25, mb4.3/14, MS4.6/18, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLCA Paso Flores, TRQA Torquai, LVC Limon Verde, etc.

IDC 03 23:54:03.0-0.6, 26.42N:143.92E, h0km, mb3.8/13, mb1 4.0/14, mb1mx3.9/37, mbtmp3.8/14, ML3.7/1, MS3.5/2, Ms1 3.5/2, ms1mx2.7/38, Error ellipse: s-maj=19.5km s-min=17.0km az=105.0

NEIC 03 23:54:05.1-0.5, 26.41N:143.94E, h15km, mb4.7/6, Error ellipse: s-maj=14.3km s-min=6.2km az=76.0

JMA 03 23:54:05.6-0.3, 26.36N:144.01E, h16km, M3.9 ISM 03 23:54:06.0-0.8, 26.71N:144.01E, h10km, n44, c088/30, mb4.1/20, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHHJ Haha-jima-NKT, CBJJ Chichi jima, CBJI Chichi jima, etc.

IDC 03 23:10:19.1-1.7, 10.70S:165.06E, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.7/34, mbtmp3.8/6, ML4.2/1, MS3.4/3, Ms1 3.4/3, ms1mx2.9/24, Error ellipse: s-maj=49.8km s-min=28.4km az=127.0, Santa Cruz Islands

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

MEX 03 23:19:34.6-0.6, 16.49N:98.54W, h20km, 13km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TLIG Tiapa, CAIG El Cayaco, VHO Vista Hermosa, etc.

IDC 03 23:07:30.5-1.6, 38.53S:74.07W, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.9/20, mbtmp3.7/7, ML3.8/2, MS3.5/3, Ms1 3.4/3, ms1mx3.2/19, Error ellipse: s-maj=46.0km s-min=19.0km az=45.0

GUC 03 23:26:33.0-0.3, 38.39S:73.98W, h12km, ML4.1(GUC), After GUC

GUC 03 23:26:33.0-0.3, 38.39S:73.98W, h12km, ML4.1, n19, c149/21, mb3.8/5, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSCH Puerto Saavedr, VLDV Valdivia, CSPP San Pedro de C, etc.

IDC 03 23:54:03.0-0.6, 26.42N:143.92E, h0km, mb3.8/13, mb1 4.0/14, mb1mx3.9/37, mbtmp3.8/14, ML3.7/1, MS3.5/2, Ms1 3.5/2, ms1mx2.7/38, Error ellipse: s-maj=19.5km s-min=17.0km az=105.0

NEIC 03 23:54:05.1-0.5, 26.41N:143.94E, h15km, mb4.7/6, Error ellipse: s-maj=14.3km s-min=6.2km az=76.0

JMA 03 23:54:05.6-0.3, 26.36N:144.01E, h16km, M3.9 ISM 03 23:54:06.0-0.8, 26.71N:144.01E, h10km, n44, c088/30, mb4.1/20, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHHJ Haha-jima-NKT, CBJJ Chichi jima, CBJI Chichi jima, etc.

ISCJB 03 23:59:40.7-1.5, 71.30N:0.05:8.2W:0.7, h10km, Error ellipse: s-maj=33.7km s-min=7.6km az=2.9

BER 03 23:59:42.0-0.4, 71.13N:7.83W, h10km, ML3.2 ISC 03 23:59:41.8-1.8, 71.26N:0.06:8.4W:0.2, h10km, n5, c154/8, 4D, Jan Mayen Island region

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

4d 0h

2011 JAN

Table of station data for the first column, including call signs like KROS, YAK, and YAK, frequencies, and other technical details.

Table of station data for the second column, including call signs like SUMG, KLMM, and DUG, frequencies, and other technical details.

Table of station data for the third column, including call signs like NEIC, AIES, and SBL, frequencies, and other technical details.

NEIC 04 00:49:41.5, 13°06N:89°27W, h51km, mb4.8/8, MD5.3(SNET), After SNET.

RUSC	La Rusia	17.42 113	eP	P	00 53 45.0 +3.7
736A	Circle Diamond	17.42 336	P	P	00 53 42.6 +1.8
CHIC	Chingaza	17.42 117	eP	P	00 53 43.4 +2.1
637A	Eagle Lake	17.59 339	P	P	00 53 44.8 +2.2
735A	Kenedy	17.64 334	P	P	00 53 45.5 +2.3
539A	Cross D Ranch,	17.72 344	P	P	00 53 45.9 +1.9
WILC	Villavicencio,	17.72 119	eP	P	00 53 47.8 +3.5
636A	Smothers Creek	17.89 337	P	Pn	00 53 47.9 +2.0
HKT	Hockley	17.89 341	eP	P	00 53 45.5 +0.3
HKT	Hockley	17.89 341	eP	P	00 53 45.5 +0.3
833A	Chaparral WMA,	19.71 330	P	P	00 53 48.2 +2.0
734A	La Parita Cree	17.96 332	P	Pn	00 53 49.0 +2.3
538A	Harpers Horsep	18.04 342	P	Pn	00 53 50.0 +2.3
635A	Leesville	18.09 335	P	Pn	00 53 50.0 +1.7
440A	Kirbyville	18.14 347	P	Pn	00 53 50.7 +1.9
537A	Green Hill Far	18.17 340	P	Pn	00 53 51.5 +2.3
832A	Faith Ranch, C	18.17 328	P	Pn	00 53 51.2 +1.8
733A	Divot King Ran	18.19 330	P	Pn	00 53 51.2 +1.6
YOPC	Yopal, Colombi	18.24 113	eP	Pn	00 53 52.9 +2.4
634A	China Grove, S	18.33 334	P	Pn	00 53 53.0 +1.8
439A	Center Grove,	18.38 345	P	Pn	00 53 53.3 +1.5
536A	Bastrop	18.43 338	P	Pn	00 53 53.3 +0.9
438A	Sam Houston St	18.53 343	P	Pn	00 53 54.8 +1.2
732A	Laxson Ranch,	18.53 329	P	Pn	00 53 54.5 +0.8
535A	Dale	18.58 337	P	Pn	00 53 55.1 +0.9
SDV	Santo Domingo	18.70 101	P	P	00 53 55.2 +0.1
SDV	comp=N,3.5nm,0.3s,baz=280,slow=5.9,SNR=36		PcP	P	00 58 22.6 +0.9
SDV	comp=N,0.4nm,0.3s,baz=220,slow=11,SNR=2.9		PcP	P	00 58 28.7
633A	Seathoff Ranch	17.66 332	P	P	00 53 56.7 +0.2
340A	Bronson	18.77 347	P	Pn	00 53 57.3 +0.8
437A	Phantom Ranch,	18.80 341	P	Pn	00 53 57.5 +0.6
339A	Huntington	18.84 346	P	Pn	00 53 58.5 +1.2
534A	Blanco	18.94 335	P	Pn	00 53 58.5 -0.2
436A	Wall Ranch, Ga	18.97 340	P	Pn	00 53 59.2 +0.3
TIGA	Tifton	19.01 15	P	P	00 53 59.9 +0.5
338A	Crockett	19.06 344	P	Pn	00 54 00.9 +0.9
632A	Uvalde	19.08 331	P	Pn	00 54 01.1 +0.8
VBMS	Vicksburg	19.11 357	P	Pn	00 54 01.1 +0.6
VBMS	Vicksburg	19.11 357	eP	Pn	00 54 03.4 +2.9
337A	Centerville	19.18 342	P	Pn	00 54 01.6 +0.2
533A	Kerrville	19.22 333	P	Pn	00 54 01.7 -0.3
435B	Jarrell	19.26 338	P	Pn	00 54 02.1 -0.3
NATX	Nacogdoches	19.27 346	P	Pn	00 54 03.2 +0.7
NATX	Nacogdoches	19.27 346	eP	Pn	00 54 04.4 +1.9
631A	Perdido Creek	19.39 329	P	Pn	00 54 04.3 +0.3
239A	Gary	19.48 346	P	Pn	00 54 04.8 -0.1
336A	Riesel	19.55 340	P	Pn	00 54 06.0 +0.2
434A	Burnet	19.55 336	P	P	00 54 05.3 +1.2
238A	Jacksonville	19.62 345	P	Pn	00 54 06.4 -0.2
335A	Moody	19.65 339	P	Pn	00 54 06.7 -0.3
532A	Rocksprings	19.66 331	P	Pn	00 54 06.9 -0.3
237A	Washetta, Mont	19.80 343	P	P	00 54 08.1 +1.2
433A	Art	19.83 334	P	P	00 54 07.7 +0.4
JCT	Junction City	19.91 332	P	P	00 54 08.7 +0.7
JCT	Junction City	19.91 332	eP	P	00 54 09.4 +1.3
LRAL	Lakeview, 1.4s	19.98 5	eP	Pn	00 54 09.5 +0.6
LRAL	Lakeview, 1.4s	19.98 5	eP	Pn	00 54 11.8 +0.8
531A	Rocksprings	20.00 330	P	P	00 54 10.0 +0.9
334A	Lometa	20.00 337	P	P	00 54 09.7 +0.7
236A	Katherine and	20.01 342	P	Pn	00 54 11.1 -0.2
138A	Matatal Enter	20.24 346	P	Pn	00 54 13.4 -0.5
432A	Menard	20.24 333	P	P	00 54 12.4 +0.7
333A	Richland Sprin	20.29 335	P	P	00 54 12.8 +0.7
WHTX	Lake Whitney,	20.31 339	P	P	00 54 13.6 +1.3
WHTX	Lake Whitney,	20.31 339	eP	P	00 54 13.4 +1.1
137A	Heron Place, G	20.35 344	P	Pn	00 54 14.3 -0.9
530A	J-C Ranch, Com	20.38 328	P	Pn	00 54 15.0 -0.7
431A	Sonora	20.45 331	P	P	00 54 15.3 +1.3
136A	Ennis	20.46 342	P	P	00 54 15.3 +1.4
234A	Clairette	20.56 338	P	P	00 54 16.1 +1.0
239A	rene McRaven,	20.60 348	P	P	00 54 16.9 +1.4
332A	Millersview	20.65 334	P	P	00 54 17.1 +0.9
238A	Mt. Pleasant	20.78 346	P	P	00 54 18.2 +0.8
135A	Vickery Place,	20.81 340	P	P	00 54 18.7 +0.9
233A	Rising Star	20.86 336	P	P	00 54 19.0 +0.7
237A	Pogue Cattle C	20.88 345	P	P	00 54 19.4 +0.9
331A	San Angelo	20.89 332	P	P	00 54 19.4 +0.7
GGA	Godfrey	20.93 14	eP	Pn	00 54 21.0 -1.1
LTX	Lajitas	21.03 323	eP	P	00 54 23.0 +2.7
LTX	Lajitas	21.03 323	eP	P	00 54 37.1 -2.4
LTX	Lajitas	21.03 323	eP	P	00 58 15.1 -3.4
LTX	Lajitas	21.03 323	eP	P	00 58 26.5 +0.8
TXAR	Lajitas Array	21.03 323	P	P	00 54 23.0 +2.7
TXAR	comp=N,10nm,0.6s,baz=144,slow=11,SNR=103		P	P	00 54 37.1 -2.4
TXAR	comp=N,10nm,0.6s,baz=144,slow=11,SNR=16		S	P	00 58 15.1 +3.4
TXAR	comp=N,0.2nm,0.6s,baz=101,slow=22,SNR=2.3		PcP	P	00 58 26.5 +0.8
TXAR	comp=N,1.9nm,0.8s,baz=156,slow=4.0,SNR=5.6		PcP	P	00 58 43.2
TXAR	comp=N,3.7nm,0.9s,baz=132,slow=1.9,SNR=8.2		PcP	P	01 02 31.2
TXAR	comp=N,0.8nm,0.8s,baz=140,slow=4.7,SNR=6.2		LR	P	01 04 18.8
TX31	Lajitas Ar. Si	21.03 323	eP	P	00 54 21.7 +1.3
232A	Coleman	21.05 335	P	P	00 54 21.1 +0.7

134A	White-Moore Ra	21.05 339	P	P	00 54 20.7 +0.4
Z36A	Blue Ridge	21.17 343	P	P	00 54 20.8 -0.9
Y39A	Lockesburg	21.25 349	P	P	00 54 22.2 -0.3
330A	Mertzou	21.32 331	P	P	00 54 23.4 0.0
OXF	Oxford	21.36 360	eP	P	00 54 26.2 +2.6
Y38A	Idabel	21.37 347	P	P	00 54 24.8 +1.0
231A	Bronze	21.38 333	P	P	00 54 24.4 +0.4
133A	Hamilton Ranch	21.39 337	P	P	00 54 24.5 +0.5
Z35A	Perchaven, San	21.47 341	P	P	00 54 25.7 +0.9
NHSC	New Hope	21.59 21	eP	P	00 54 27.9 +1.8
NHSC	NHSC	21.59 21	eP	P	00 54 30.1 -8.3
NHSC	NHSC	21.59 21	eP	P	00 54 43.0 -2.3
Y37A	Hugo	21.63 345	P	P	00 54 27.2 +0.7
ABTX	Abilene, Hawle	21.69 336	P	P	00 54 27.6 +0.4
ABTX	Abilene, Hawle	21.69 336	eP	P	00 54 27.9 +0.7
230A	Sterling City	21.70 332	P	P	00 54 27.8 +0.5
Y36A	Durant	21.72 344	P	P	00 54 29.7 +2.2
Z34A	Collier Ranch,	21.72 340	P	P	00 54 29.4 +1.8
MIAR	Mount Ida	21.75 350	P	P	00 54 30.2 +2.4
MIAR	Mount Ida	21.75 350	eP	P	00 54 29.9 +2.0
UJALR	University of	21.80 353	eP	P	00 54 28.1 -0.3
UJALR	University of	21.80 353	eP	P	00 54 30.7 -10
Y35A	Marietta	21.94 342	P	P	00 54 31.1 +1.2
Z33A	Whitaker Ranch	21.94 338	P	P	00 54 30.4 +0.5
131A	Roby	22.04 334	P	P	00 54 32.0 +1.0
X38A	Whitesboro	22.11 348	P	P	00 54 33.3 +1.7
X37A	Clayton	22.15 346	P	P	00 54 33.6 +1.5
Y34A	Rescue Ranch,	22.21 341	P	P	00 54 33.6 +0.9
130A	Snyder	22.23 333	P	P	00 54 32.9 -0.2
Z32A	Haskell	22.23 337	P	P	00 54 32.8 -0.2
SWET	Sewanee	22.26 7	eP	P	00 54 35.6 +2.3
SLBS	Sierra La Laguna	22.31 301	eP	P	00 54 37.6 +3.6
SLBS	Sierra La Laguna	22.31 301	eP	P	00 54 38.5 -7.8
SLBS	Sierra La Laguna	22.31 301	eP	P	00 54 50.1 -3.1
JSC	Jenkinsville	22.33 18	eP	P	00 54 35.1 +1.1
X36A	Centrahoma	22.37 344	P	P	00 54 35.4 +0.9
X35A	Drake	22.38 343	P	P	00 54 35.5 +0.9
W38A	Poteau	22.43 349	P	P	00 54 35.7 +0.5
Z31A	Sharp Cattle R	22.50 335	P	P	00 54 35.7 -0.2
Y33A	Hilltop Ranch,	22.55 339	P	P	00 54 36.7 +0.3
CPCT	Cooper Cave	22.69 10	eP	P	00 54 39.1 +1.2
ATAH	Atahualpa	22.76 151	P	P	00 54 41.9 +2.7
ATAH	comp=N,5.9nm,0.7s,baz=355,slow=6.2,SNR=4.3		S	P	00 54 57.9 -0.5
ATAH	comp=N,144nm,0.9s,baz=347,slow=4.4,SNR=3.4		LR	P	01 02 33.6
SJG	San Juan	22.76 74	P	P	00 54 37.2 -1.6
SJG	comp=N,6.8nm,0.6s,baz=50,slow=24,SNR=2.7		P	P	00 54 51.7 +0.6
SJG	comp=N,12nm,0.6s,baz=50,slow=23,SNR=2.7		S	P	00 58 40.9 -2.9
SJG	comp=N,8.8nm,0.7s,baz=246,slow=19,SNR=2.0		LR	P	01 04 20.5
LPIG	La Paz	22.78 302	P	P	00 54 41.8 +2.8
LPIG	comp=N,211nm,0.4s,baz=217,slow=5.1,SNR=2.9		LR	P	01 04 19.3
GNAR	Gosnell	22.82 358	eP	P	00 54 40.5 +1.3
X34A	Smith Ranch, M	22.83 341	P	P	00 54 40.8 +1.5
Y32A	R-V Farms, Ver	22.83 338	P	P	00 54 39.4 0.0
RELT	Roellen	22.88 360	eP	P	00 58 28.9 -0.1
W36A	Wetumka	22.88 345	P	P	00 54 40.1 +0.2
Z30A	Sanderson Ranc	22.89 334	P	P	00 54 40.0 0.0
X33A	Lawton	22.99 340	P	P	00 54 40.7 -0.2
WVT	Waverly	23.00 3	eP	P	00 54 41.8 +0.7
TKL	Tuckaleechee C	23.03 11	P	P	00 54 41.5 +0.1
TKL	Tuckaleechee C	23.03 11	eP	P	00 54 56.5 +2.6
TKL	Tuckaleechee C	23.03 11	eP	P	00 54 41.5 +0.1
TKL	Tuckaleechee C	23.03 11	eP	P	00 54 51.8 -2.1
TKL	Tuckaleechee C	23.03 11	eP	P	00 54 56.5 +2.6
W35A	Tecumseh	23.06 344	P	P	00 54 42.0 +0.3
GLAT	Glass	23.11 360	eP	P	00 54 42.0 -0.1
GLAT	Glass	23.11 360	eP	P	00 54 58.1 +3.4
KMSC	Kings Mountain	23.11 17	P	P	00 54 42.1 0.0
KMSC	Kings Mountain	23.11 17	eP	P	00 54 43.4 +1.2
Y31A	Rekieta Farm,	23.11 336	P	P	00 54 41.3 -0.9
X32A	Elmer	23.15 338	P	P	00 54 42.3 -0.3
V38A	Canehill	23.18 349	P	P	00 54 43.2 +0.3
UTMT	University of	23.18 1	eP	P	00 54 42.9 0.0
WMOK	Wichita Moun	23.26 340	eP	P	00 54 43.2 -0.4
Y30A	Stafford Catt	23.29 335	P	P	00 54 44.8 +0.7
V37A	Hulbert	23.34 348	P	P	00 54 44.8 +0.4
W34A	Bridge Creek,	23.40 342	P	P	00 54 44.7 -0.3
W34A	Bridge Creek,	23.40 342	eP	P	00 54 45.3 +0.3
V36A	Jenks	23.43 346	P	P	00 54 45.6 +0.3
PARMO	Parma	23.51 359	eP	P	00 54 45.1 -0.8
TUL1	Leonard	23.51 347	P	P	00 54 46.4 +0.3
W33A	Caddo, Fort Co	23.54 341	P	P	00 54 46.7 +0.4
X31A	McDonald Ranch	23.59 337	P	P	00 54 46.6 -0.2
V35A	Meyer Ranch, C	23.63 344	P	P	00 54 46.5 -0.6
PBMO	Poplar Bluff	23.64 358	eP	P	00 54 47.7 +0.5
U38A	Gravette	23.74 350	P	P	00 54 47.6 -0.5
W32A	Sentinel	23.77 339	P	P	00 54 48.7 +0.3
MNTX	Cornudas Moun	23.77 324	eP	P	00 54 48.8 +0.3
X30A	Coker Ranch, T	23.78 336	P	P	00 54 48.8 +0.3
U37A	Salina	23.84 348	P	P	00 54 49.4 +0.3
V34A	Guthrie	23.88 343	P	P	00 54 49.7 +0.2
V34A	Guthrie	23.88 343	eP	P	00 54 50.1 +0.7

U36A	Oologah	23.96 347	P	P	00 54 50.2 +0.1
W31A	Holland Ranch,	24.07 338	P	P	00 54 51.0 -0.2
V33A	Lossen Ranch,	24.09 342	P	P	00 54 51.5 +0.1
T40A	Mansfield	24.17 354	P	P	00 5

2011 JAN

4d Oh	CBKS	Cedar Bluff	27.30 342	P	P	00 55 20.9 +0.5	K31A	O'Neill	30.60 346	P	P	00 55 50.3 +0.7	baz=169	G30A	Faulton	33.06 347	P	P	00 56 10.6 -0.7
		Cedar Bluff	27.30 342	eP	P	00 55 18.5 -1.9	GLA	Glamis	30.70 315	P	P	00 55 52.4 +1.7	baz=162,SNR=6.2	K22A	Casper	33.08 336	P	P	00 56 12.4 +0.8
		Wolven Farm, M	27.35 352	eP	P	00 55 36.4 +2.3	PV10	Paradox Valley	30.76 329	eP	P	00 55 52.8 +1.4	baz=125	K22A	Casper	33.08 336	eP	P	00 56 12.9 +1.3
		Ellis	27.37 343	P	P	00 55 21.2 +0.1	K30A	Basset	30.85 345	P	P	00 55 52.6 +0.7	baz=160,SNR=7.7	H28A	Mission Ridge	33.09 344	P	P	00 56 11.9 +0.4
		Hopedale	27.39 360	P	P	00 55 22.0 +0.9	Y12C	Blythe	30.90 316	P	P	00 55 53.5 +1.1	baz=159,SNR=1.8	F33A	5 Mile Ranch	33.22 351	P	P	00 56 12.3 -0.2
		Hopedale	27.39 360	eP	P	00 55 19.9 -1.2	Y12C	Blythe	30.90 316	eP	P	00 55 52.2 +2.8	baz=168,SNR=5.6	I25A	Rochford	33.28 341	P	P	00 56 13.9 +0.6
		Marienthal	27.40 339	P	P	00 55 36.6 +1.8	PV09	Paradox Valley	30.90 329	eP	P	00 55 54.9 +2.1	baz=154	FLSC	Two Peak	33.30 316	eScS	ScS	01 06 38.5 +2.9
		Tucson	27.53 318	P	P	00 55 22.1 +0.7	PDMC	Parker Dam,Lak	30.96 317	P	P	00 55 54.7 +1.8	baz=159,SNR=1.8	G29A	Hoven	33.30 346	P	P	00 56 13.6 +0.3
		Tribune	27.56 338	P	P	00 55 24.2 +1.6	I38A	Scanlan Farm	30.99 356	P	P	00 55 53.3 +0.3	baz=161	SHOC	Shoshone, Teco	33.33 318	P	P	00 56 14.9 +1.3
		Trinidad	27.57 333	P	P	00 55 22.8 0.0	I37A	Lemond, Waseca	31.06 354	P	P	00 55 54.1 +0.4	baz=174	BFSC	Mount Baldy Ra	33.33 314	P	P	00 56 15.7 +1.9
		Quinter	27.60 341	P	P	00 55 23.9 +0.8	K29A	Lazy Trails An	31.12 344	P	P	00 55 55.5 +1.2	baz=172	GSC	Goldstone, Bar	33.33 316	P	P	00 56 14.9 +1.1
		Hutting Farm,	27.73 344	P	P	00 55 24.2 +1.1	U15A	North Rim	31.16 322	eP	P	00 55 57.4 +2.4	baz=159	H27A	Hoves	33.33 343	P	P	00 56 15.0 +1.4
		Humboldt	27.73 349	P	P	00 55 24.6 +0.4	ECSD	EROS Data Cent	31.22 350	P	P	00 55 55.1 0.0	comp=N,14nm,1.4s	RSSD	Black Hills	33.47 340	P	P	00 56 15.2 +0.2
		Nana	27.74 153	P	P	00 55 24.7 +0.5	ECSD	EROS Data Cent	31.22 350	eP	P	00 55 55.0 -0.2	baz=166	NLU	North Lily Min	33.51 327	eP	P	00 56 17.4 +2.0
		Nana	27.74 153	P	P	00 55 26.2 +1.6	J31A	Geddes	31.23 347	P	P	00 55 55.7 +0.6	comp=N,15nm,1.1s	H26A	Fairpoint	33.52 342	P	P	00 56 15.6 +1.0
		Nana	27.74 153	P	P	01 04 50.3	W13A	Hualapai Mount	31.29 319	eP	P	00 55 58.5 +2.4	comp=N,132nm,20.4s, baz=320, slow=33	E36A	McGregor	33.52 355	P	P	00 56 15.8 +0.6
		Oakley	27.76 340	P	P	00 55 25.1 +0.5	W13A	W13A	31.29 319	eP	P	00 56 13.0 +3.2	baz=155	HEB	Heber	33.53 329	eP	P	00 58 57.4 +2.0
		Beatrice	27.81 348	P	P	00 55 25.3 +0.4	SWSC	San W. Stewart	31.32 314	P	P	00 58 51.3 +1.9	baz=164,SNR=5.9	HEB	Heber	33.53 329	eS	P	01 01 35.7 +1.7
		Stockton	27.85 343	P	P	00 55 26.4 +1.1	N23A	Red Feather La	31.36 335	P	P	00 55 57.3 +1.2	baz=123	JLU	Jordanelle	33.66 329	eP	P	00 56 16.5 -0.3
		Joos South For	27.85 353	P	P	00 55 26.4 +1.1	N23A	Red Feather La	31.36 335	eP	P	00 55 57.7 +1.0	baz=148,SNR=7.1	E35A	Pequot Lakes	33.68 354	P	P	00 56 16.5 0.0
		Hebron	27.90 346	P	P	00 55 25.8 +0.5	K28A	Ten Mile Ranch	31.37 343	P	P	00 55 58.2 +1.5	baz=157	E34A	Wadena	33.72 353	P	P	00 56 17.0 +0.1
		Lee Faris, Mou	27.94 352	P	P	00 55 26.3 +0.6	IBP	Imperial Bould	31.38 313	P	P	00 55 57.5 +1.0	baz=170,SNR=9.7	H25A	Fruitdale	33.77 341	P	P	00 56 18.6 +1.1
		Muff Farm, Cla	28.11 351	P	P	00 55 26.5 +0.5	I34A	Hadley	31.39 351	P	P	00 55 59.0 +2.3	baz=154	E33A	West DABS, E	33.83 352	P	P	00 56 17.9 0.0
		Selden	28.12 342	P	P	00 55 28.1 +0.5	J30A	Dallas	31.43 346	P	P	00 55 57.8 +1.2	baz=168	F29A	Eureka	33.88 347	P	P	00 56 18.4 0.0
		Sharon Springs	28.21 339	P	P	00 55 28.7 +0.9	BC3	Big Chuckkwall	31.48 315	P	P	00 55 57.4 +0.4	baz=122	EDW2	Edwards Air Fo	33.90 315	P	P	00 56 20.8 +2.0
		Tabor	28.26 350	P	P	00 55 28.7 +0.1	PHWV	Pilot Hill	31.52 336	eP	P	00 56 00.4 +2.7	baz=125	TPNV	Topopah Spring	33.93 319	P	P	00 56 20.8 +1.6
		Atwood	28.39 341	P	P	00 55 29.6 +0.6	IRM	Iron Mountain	31.56 316	P	P	00 55 59.5 +1.4	comp=N,6.3nm,0.9s	TPNV	Topopah Spring	33.93 319	eP	P	00 56 18.5 -0.6
		Lincoln	28.40 348	P	P	00 55 30.2 0.0	I33A	Coleman	31.56 350	P	P	00 56 00.8 +2.5	baz=156	G27A	Dupree	33.98 344	P	P	00 56 19.7 +0.4
		Woolen Ranch,	28.42 344	P	P	00 55 30.9 +0.8	NEE2	Neesles Airpor	31.56 318	P	P	00 55 59.0 +0.9	baz=165,SNR=5.9	LRMC	Laurel Mtn Rad	34.02 316	P	P	00 56 22.0 +2.1
		Kaye Sheddock,	28.45 338	P	P	00 55 31.0 +0.6	H37A	Dierke Farm, C	31.57 355	P	P	00 56 00.1 +1.9	baz=158	FURC	Furnace Creek,	34.04 318	P	P	00 56 22.1 +2.3
		Pleasantville	28.46 354	P	P	00 55 31.5 +0.7	H36A	Jessenland, He	31.67 354	P	P	00 55 58.3 +0.1	baz=173	DUG	Dugway, Tooele	34.07 327	P	P	00 56 21.8 +1.5
		J Bar K, Exete	28.50 347	P	P	00 55 31.0 +0.3	J29A	San Rafael Swe	31.72 344	P	P	00 55 59.7 +0.7	baz=159,SNR=15	DUG	Dugway, Tooele	34.07 327	eP	P	00 56 23.7 +3.4
		Trindle Farm,	28.55 352	P	P	00 55 31.4 +0.3	MONP2	Monument Peak	31.73 313	P	P	00 56 00.1 +0.6	baz=122,SNR=7.4	G26A	Maurine	34.09 343	P	P	00 56 20.9 +0.7
		Great Sand Dun	28.56 332	P	P	00 55 32.5 +1.0	O20A	San Rafael Swe	31.75 332	P	P	00 56 01.9 +1.9	baz=170,SNR=9.9	D37A	Cotton	34.10 356	P	P	00 56 19.6 -0.6
		Great Sand Dun	28.56 332	eP	P	00 55 33.1 +1.1	H35A	Sunnyside Ranch	31.79 352	P	P	00 56 01.0 0.0	baz=143,SNR=16	D35A	Remer	34.16 354	P	P	00 56 20.8 +0.1
		Saint Francis	28.64 339	P	P	00 55 32.3 +0.3	I30A	Oacoma	31.98 346	P	P	00 56 01.0 0.0	baz=170	D36A	Remer	34.17 355	P	P	00 56 20.8 +0.1
		MW Ranch, Wils	28.65 342	P	P	00 55 33.2 +0.7	J28A	Allard Ranch,	31.98 343	P	P	00 56 02.2 +0.5	baz=191,SNR=14	SRTC	Snort	34.18 316	eP	P	00 56 19.8 -1.4
		Organ Pipe Nat	28.68 315	P	P	00 55 33.2 +0.8	H34A	Spellman Lake,	32.00 351	P	P	00 56 02.6 +0.8	baz=158,SNR=7.7	E31A	Nome	34.18 349	P	P	00 56 20.6 -0.4
		Felix, Anita	28.71 351	P	P	00 55 35.1 +2.3	EML	El Monte City P	32.04 313	eP	PP	00 56 03.2 +1.3	baz=172	MPMC	Manual Prospec	34.22 317	P	P	00 56 23.7 +2.0
		4D Ranch, Culb	28.83 341	P	P	00 55 34.2 +1.4	BELC	Belle Mtn. Jos	32.04 315	P	P	00 57 16.8 +1.2	baz=155	G25A	Newell	34.23 342	P	P	00 56 22.7 +1.2
		Neola	28.86 350	P	P	00 55 35.2 +1.1	J27A	Elkhorn Farm,	32.05 342	P	P	00 56 04.0 +2.2	baz=122	OSI	Ostio Audit: C	34.27 314	P	P	00 56 23.3 +1.4
		Moraine State	28.95 15	P	P	00 55 34.8 +0.5	PTGA	Pitinga	32.07 113	P	P	00 56 03.3 +0.8	baz=156	D34A	Park Rapids	34.29 353	P	P	00 56 22.1 +0.2
		Aspy Farms, Fr	29.06 349	P	P	00 55 35.4 +0.4	PTGA	comp=N,5.4nm,0.7s, baz=297, slow=9.0, SNR=13	32.07 113	P	P	00 56 02.6 -0.3	baz=173	E30A	Jud	34.33 348	P	P	00 56 22.0 -0.2
		Oak Wood Farm,	29.16 354	P	P	00 55 38.4 +2.4	PTGA	comp=N,3.8nm,0.9s, baz=323, slow=20, SNR=4.1	32.07 113	P	P	00 58 51.6 0.0	baz=130	R11A	Troy Canyon, C	34.40 322	P	P	00 56 24.7 +1.5
		4UR Ranch, Cre	29.18 331	P	P	00 55 37.3 +0.5	SRU	San Rafael Swe	32.08 328	eP	P	00 59 08.0	comp=N,4.0nm,0.9s, baz=100, slow=3.1, SNR=4.2	DAC	Darwin (Calif)	34.41 317	eP	P	00 56 25.8 +2.5
		Taylor Creek F	29.25 348	P	P	00 55 39.1 +1.6	LCMT	Little Creek M	32.12 322	eP	P	00 56 03.0 +0.1	baz=173	DAC	Darwin (Calif)	34.41 317	eP	P	00 56 25.8 +2.5
		Belgrade	29.30 346	P	P	00 55 38.8 +1.1	LCMT	Little Creek M	32.12 322	eP	P	00 56 04.0 +0.8	baz=169,SNR=7.6	D33A	AnnSam, Waubun	34.43 352	P	P	00 56 22.3 -0.8
		Lo Mia Camp, P	29.30 320	eP	P	00 55 38.9 +0.7	H32A	Carlson Farm,	32.12 349	P	P	00 56 05.0 +3.5	baz=165,SNR=7.7	PD31	Pinedale Array	34.44 333	eP	P	00 56 23.6 +0.1
		Harm Buss Farm	29.32 352	P	P	00 55 40.0 +2.3	PFO	Pinyon Flats O	32.15 314	P	P	00 56 06.3 +2.8	comp=N,4.4nm,0.7s, baz=100, slow=7.5, SNR=3.1	PDAR	Pinedale Array	34.44 333	eP	P	00 58 57.5 +0.1
		Divide	29.41 334	P	P	00 55 38.9 +0.6	PFO	comp=N,2.0nm,0.7s, baz=39, slow=1.8, SNR=3.0	32.15 314	P	P	00 56 03.0 0.0	baz=123	PDAR	Pinedale Array	34.44 333	eP	P	00 56 23.6 +0.1
		Lambrecht Ranc	29.44 345	P	P	00 55 40.5 +0.9	PFO	comp=N,5.3nm,0.9s, baz=65, slow=3.5, SNR=4.3	32.15 314	P	P	00 59 09.0	baz=123	PDAR	comp=N,2.2nm,0.8s, baz=92, slow=8.3, SNR=5.4	34.44 333	eP	P	00 56 46.0 +2.1
		Blowl Farm, R	29.46 350	P	P	00 55 40.5 +0.9	PFO	Pinyon Flats O	32.15 314	P	P	00 56 05.4 +1.9	baz=123	PDAR	comp=N,2.6nm,0.5s, baz=91, slow=4.5, SNR=18	34.44 333	eP	P	00 56 57.9 -0.1
		Svensden Farm,	29.47 349	P	P	00 55 41.0 +1.4	PFO	Pinyon Flats O	32.15 314	eP	P	00 56 04.6 +1.0	comp=N,12nm,1.0s	PDAR	comp=N,2.4nm,0.5s, baz=128, slow=4.3, SNR=8.8	34.44 333	eP	P	00 59 13.7
		Oil Creek Stat	29.54 15	P	P	00 55 41.0 +1.4	DPP	Dos Picos City	32.16 313	eScS	P	00 58 53.1 +1.5	baz=166	PDAR	comp=N,1.59nm,20.1s, baz=152, slow=41	34.44 333	eP	P	01 13 01.6
		Mesa Verde	29.60 328	P	P	00 55 41.0 +1.4	H33A	Prehn Over Nor	32.16 350	P	P	00 56 34.3 +4.6	baz=166	BW06	Boulder Array	34.44 333	P	P	00 56 23.6 +0.1
		Mesa Verde	29.60 328	eP	P	00 55 41.0 +1.4	SPMN	Marine on St.	32.20 3										

RCTC	baz=169	35.53	316	P	P	00 56 34.4 +1.7
AGM	Agassiz Nation	35.56	352	P	P	00 56 32.4 -0.4
AGM	Agassiz Nation	35.56	352	eP	P	00 56 32.2 -0.6
LOHW	Long Hollow	35.58	333	eP	P	00 56 34.5 +1.2
B34A	Aery, Baudette	35.61	354	P	P	00 56 32.6 -0.6
TPAW	Teton Pass	35.63	332	P	P	00 56 34.3 +0.9
D26A	Manning	35.64	344	P	P	00 56 33.9 +0.4
MTUM	Tungsten Hills	35.66	318	eS	ScS	01 02 04.7 -2.3
MTUM	MTUM	35.66	318	eS	ScS	01 06 48.5 +0.2
MOOW	Moose Ponds	35.75	333	eP	P	00 56 35.7 +0.9
MOOW	Moose Ponds	35.75	333	eP	P	00 59 02.3 +0.5
MDND	Maddock	35.75	348	P	P	00 56 34.9 +0.4
B32A	Ashes, Strandg	35.75	352	P	P	00 56 34.1 -0.3
ELK	Elko	35.78	325	eP	P	00 56 35.7 +0.6
C28A	Hausauer Farms	35.79	347	P	P	00 56 35.1 +0.3
LPAZ	La Paz	35.84	144	P	P	00 56 37.5 +1.3
LPAZ	LPAZ	35.84	144	P	P	01 11 28.6
B31A	Greenbush Farm	35.95	350	P	P	00 56 36.6 +0.5
D25A	Fairfield	35.99	344	P	P	00 56 37.5 +0.9
FLWY	Flag Ranch	35.99	333	eP	P	00 56 38.3 +1.5
FLWY	FLWY	35.99	333	eP	P	00 59 03.9 +1.4
C27A	Saylor Ranch	36.04	346	P	P	00 56 37.5 +0.5
B30A	Myrvik Farm, E	36.09	350	P	P	00 56 36.8 -0.5
NV01	Mina Array Sit	36.12	320	eP	P	00 56 40.0 +2.0
NV01	NV01	36.12	320	eP	P	00 56 55.3 +3.3
NV01	NV01	36.12	320	eP	P	00 59 04.5 +1.5
NVAR	Mina Array Bea	36.12	320	eP	P	00 56 40.0 +2.0
NVAR	NVAR	36.12	320	eP	P	00 56 55.3 +3.3
NVAR	NVAR	36.12	320	eP	P	00 59 04.5 +1.5
NVAR	NVAR	36.12	320	eP	P	00 59 20.3
NVAR	NVAR	36.12	320	eP	P	01 03 18.7
NVAR	NVAR	36.12	320	eP	P	01 13 57.5
A33A	Warroad	36.13	353	P	P	00 56 37.1 -0.6
H17A	Grant Village	36.19	334	P	P	00 56 40.5 +2.0
H17A	Grant Village	36.19	334	eP	P	00 56 41.7 +3.1
A33A	Warroad	36.19	334	eP	P	00 59 05.2 +2.4
RLMT	Red Lodge	36.23	336	P	P	00 56 39.4 +0.5
RLMT	Red Lodge	36.23	336	P	P	00 56 39.6 +0.7
RLMT	Red Lodge	36.23	336	P	P	00 59 03.8 +0.6
A32A	Rocking H Ranch	36.26	352	P	P	00 56 38.5 -0.2
B29A	Wagenman Farm,	36.29	349	P	P	00 56 39.2 +0.2
C26A	Wahner Farm, P	36.29	345	P	P	00 56 39.4 +0.3
YFT	Old Faithful	36.34	334	eP	P	00 56 43.3 +3.5
YFT	YFT	36.34	334	eP	P	00 56 43.3 +3.5
B28A	Dugan Ranch, T	36.48	347	P	P	00 56 41.0 +0.3
C25A	Freed Ranch, W	36.49	344	P	P	00 56 41.3 +0.5
YNR	Norris Junction	36.49	334	eP	P	00 56 44.4 +3.3
A30A	Hoffart Farm,	36.56	350	P	P	00 56 40.9 -0.4
YMR	Madison River	36.57	334	eP	P	00 56 43.4 +1.6
B27A	Peters Farms,	36.63	347	P	P	00 56 42.4 +0.4
BMN	Battle Mountai	36.70	323	eP	P	00 57 00.3 +3.4
A29A	Manning Farm,	36.71	349	P	P	00 56 42.2 -0.4
B26A	Jensen Ranch,	36.84	345	P	P	00 56 44.2 +0.5
A28A	Rude Farm, Bot	36.90	348	P	P	00 56 44.6 +0.4
GCMT	Greycliff	36.94	336	eP	P	00 56 45.7 +0.9
B25A	Knox Farm, Ray	36.98	344	P	P	00 56 46.2 +1.3
A26A	Wade Farm, Ken	37.28	346	P	P	00 56 47.9 +0.5
HLID	Hailey	37.33	329	P	P	00 56 49.0 +0.8
HLID	Hailey	37.33	329	eP	P	00 56 49.9 +1.6
HLID	HLID	37.33	329	eP	P	00 59 08.7 +2.2
DGMT	Dagmar	37.44	344	P	P	00 56 49.8 +0.8
DGMT	Dagmar	37.44	344	eP	P	00 56 49.5 +0.7
ULM	Lac du Bonnet	37.48	353	P	P	00 56 48.0 -1.2
ULM	ULM	37.48	353	eP	P	00 57 01.4 -1.7
ULM	ULM	37.48	353	eP	P	00 59 05.7 -0.9
ULM	ULM	37.48	353	eP	P	00 59 21.4
ULM	ULM	37.48	353	eP	P	00 56 47.9 -1.2
ULM	ULM	37.48	353	eP	P	00 57 01.4 -1.7
ULM	ULM	37.48	353	eP	P	01 02 36.3 +2.3
MCMT	Mckenzie Canyo	37.53	332	eP	P	00 56 51.3 +1.8
A25A	Swangrue Ranch	37.58	345	P	P	00 56 50.6 +0.6
BOZ	Bozeman (W)	37.63	334	P	P	00 56 51.4 +0.7
BOZ	Bozeman (W)	37.63	334	eP	P	00 56 51.8 +1.1
DLMT	Dillon	37.83	333	eP	P	00 56 54.0 +1.6
DLMT	Dillon	37.83	333	eP	P	00 57 09.1 +2.7
LRFD	Camas Ranch	37.95	328	eP	P	00 56 56.2 +2.9
LRFD	LRFD	37.95	328	eP	P	00 56 56.2 +1.3
OHCM	Honcut	38.67	318	eP	P	00 56 58.8 -0.8
WVOR	Wild Horse Val	40.11	319	eP	P	00 57 02.8 +2.2
WVOR	WVOR	40.11	319	eP	P	00 57 17.2 +2.1
ORV	Oroville	40.11	319	eP	P	00 56 58.3 -2.1
ORV	Oroville	40.11	319	eP	P	00 57 18.0 +3.5
EGMT	Eagleton	38.83	338	P	P	00 57 01.1 +0.9
EGMT	Eagleton	38.83	338	eP	P	00 57 01.6 +0.9
J08A	Circle Bar Ran	39.32	326	eP	P	00 57 06.1 +1.3
CHMT	Chamberlain M	39.33	334	eP	P	00 57 05.3 +0.4
O03D	Paynes Creek	39.41	320	P	P	00 57 06.6 +1.0
MSO	Missoula	39.56	333	P	P	00 57 07.7 +0.9
MSO	Missoula	39.56	333	eP	P	00 57 07.5 +0.7
MSO	Missoula	39.56	333	eP	P	00 57 23.2 +2.4
MSO	Missoula	39.56	333	eP	P	00 59 14.4 +1.1
SIV	San Ignacio	40.09	135	P	P	00 57 11.3 -0.2
SIV	SIV	40.09	135	eP	P	00 59 15.3 -0.1
SIV	SIV	40.09	135	eP	P	00 59 32.7
SWMT	Swartz Lake	40.11	334	eP	P	00 59 16.0 +0.9
F10A	Beach Ranch, E	40.46	330	eP	P	00 57 14.6 +0.4
KMRM	Mail Ridge	40.59	318	eP	P	00 57 33.2 +3.6
LVC	Limon Verde	40.65	151	P	P	00 57 17.3 +1.0

M02C	Callahan	40.69	320	P	P	00 57 16.7 +0.6
YBH	Yreka Blue Hor	40.79	321	P	P	00 57 18.1 +1.1
YBH	Yreka Blue Hor	40.79	321	eP	P	00 59 17.5 +0.1
YBH	Yreka Blue Hor	40.79	321	eP	P	00 59 32.9
YBH	Yreka Blue Hor	40.79	321	eP	P	00 57 18.1 +1.1
YBHA	Waterton Lakes	41.28	335	eP	P	00 59 17.5 +0.1
WALA	Waterton Lakes	41.28	335	eP	P	00 57 22.5 +1.5
J04D	Umpqua Nation	41.31	323	P	P	00 57 22.1 +0.7
NEW	Terrebonne, OR	41.54	325	P	P	00 57 24.1 +1.1
I05D	Newport	42.06	332	P	P	00 57 27.4 +0.1
NEW	Newport	42.06	332	eP	P	00 57 26.9 -0.3
NEW	NEW	42.06	332	eP	P	00 59 21.3 0.0
G05D	Wamic, OR	42.09	326	P	P	00 57 28.6 +1.0
E07A	Sunnyside	42.18	328	eP	P	00 57 29.0 +0.7
FFC	FFC	42.76	349	eP	P	00 57 32.0 -0.8
FFC	FFC	42.76	349	eP	P	00 57 32.8 +0.1
B06A	Marblemount	44.31	329	eP	P	00 57 45.7 +0.3
EDM	Edmonton	44.43	339	eP	P	00 57 45.1 -1.2
B05A	Bryant	44.45	329	P	P	00 57 46.0 -0.5
A04D	Lummi Island	45.06	329	P	P	00 57 51.5 +0.2
SCHO	Schefferville	45.21	18	P	P	00 57 50.2 -2.2
SCHO	SCHO	45.21	18	eP	P	00 59 30.1 -1.7
SCHO	SCHO	45.21	18	eP	P	00 59 46.0
SCHO	SCHO	45.21	18	eP	P	01 18 54.8
SCHO	SCHO	45.21	18	eP	P	00 57 50.2 -2.2
SCHO	SCHO	45.21	18	eP	P	00 59 30.1 -1.7
FCC	Fort Churchill	45.76	356	eP	P	00 57 56.0 -0.7
BDFB	Brasilila	49.74	124	P	P	00 58 27.2 -1.0
BDFB	BDFB	49.74	124	P	P	01 19 54.4
CPUP	Villa Florida	49.94	142	P	P	00 58 29.5 0.0
CPUP	CPUP	49.94	142	P	P	00 59 49.0 -0.1
CPUP	CPUP	49.94	142	P	P	01 19 48.2
YKA	Yellowknife Ar	52.59	345	P	P	00 58 48.2 -0.5
YKA	YKA	52.59	345	P	P	00 59 02.2 -1.2
YKA	YKA	52.59	345	P	P	00 59 57.7 -0.6
YKBS	Yellowknife Ar	52.59	345	eP	P	00 58 48.2 -0.5
YKBS	YKBS	52.59	345	eP	P	00 59 57.7 -0.6
DLBC	Dease Lake	54.63	335	eP	P	00 59 04.9 +1.0
TAOE	Taoe	55.08	249	eT	T	01 07 58.1
PLCA	Paso Flores	56.24	163	P	P	00 59 17.0 +1.3
PLCA	PLCA	56.24	163	P	P	01 18 06.4
PLCA	PLCA	56.24	163	P	P	00 59 17.0 +1.3
RKT	Rikitea	57.44	232	eT	T	02 00 57.2
RES	Resolute Bay	61.70	358	eP	P	00 59 51.6 -1.3
INK	Inuvik	62.12	343	P	P	00 59 55.3 -0.5
INK	INK	62.12	343	P	P	00 59 55.3 -0.5
PMOR	Pomariolee Ree	64.43	246	eT	T	02 09 38.5
IL1	Eielson Array	64.78	336	eP	P	01 00 12.5 -1.0
ILAR	Eielson Array	64.78	336	eP	P	01 00 12.6 -0.9
ILAR	ILAR	64.78	336	eP	P	01 00 27.5 -1.0
ILAR	ILAR	64.78	336	eP	P	01 31 34.8
ILB	Eielson Array	64.78	336	eP	P	01 00 12.6 -0.9
ILB	ILB	64.78	336	eP	P	01 00 27.5 -1.0
BWN	Browne	65.57	335	eP	P	01 00 18.2 -0.4
MEH	Mehitia	65.71	243	eT	T	02 11 14.8
MLY	Manley	66.39	336	eP	P	01 00 23.3 -0.6
SUMG	Summit	66.43	15	iP	P	01 00 38.6 -1.0
PPT	Papeete	66.91	244	eL	LR	01 21 29.1
PPT2	Papeete2	66.92	244	eL	LR	01 20 36.5
TBI	Tubuai	69.15	239	eL	LR	01 21 53.3
TBI	Tubuai	69.15	239	eL	LR	02 15 33.5
ESDC	Sonsec Array	78.16	52	P	P	01 01 33.8 -0.9
ESDC	ESDC	78.16	52	P	P	01 01 49.2 -0.9
ES19	SONSEC Array	78.21	52	P	P	01 01 34.4 -0.6
ES19	ES19	78.21	52	P	P	01 01 50.1 -0.2
TIC	Toumeidi	82.89	85	eP	P	01 02 01.3 +0.9
LIC	Lamto	82.97	85	eP	P	01 02 09.9 +1.0
DLBC	Dimboko	83.04	85	P	P	01 01 58.8 -2.4
DLBC	DLBC	83.04	85	P	P	01 35 06.0
DLBC	DLBC	83.04	85	P	P	01 01 58.8 -2.4
KIC	Kosan Boka	83.22	85	P	P	01 02 03.6 +1.5
BILL	Bilibino	83.33	338	eP	P	01 02 01.5 -0.1
BILL	BILL	83.33	338	eP	P	01 02 17.5 +0.3
NB2	NORSAR Subarra	83.66	29	eP	P	01 02 02.5 -1.0
NB200	NORSAR Array	83.66	29	eP	P	01 02 02.0 -1.5
NB200	NORSAR Array	83.66	29	eP	P	01 02 18.6 -0.5
NOA	NORSAR Array B	83.66	29	eP	P	01 02 02.0 -1.5
NOA	NOA	83.66	29	eP	P	01 02 18.6 -0.5
NOA	NOA	83.66	29	eP	P	01 35 18.2
ARCES	ARCES Array B	86.16	19	P	P	01 02 13.9 -2.0
ARCES	ARCES	86.16	19	P	P	01 02 30.8 -0.7
ARCES	ARCES	86.16	19	P	P	01 40 58.1
CLL	Colim	87.40	38	eP	P	01 02 37.0 -0.9
TOA1	Torodi Ar. Sit	87.94	77	eP	P	01 02 22.4 -3.1
TOA1	TOA1	87.94	77	eP	P	01 02 22.4 -3.1

4d 1h

2011 JAN

Table with columns: Station Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like ELOB Lobios, PCAB Cabril, PTO Porto, POLO Lamas de Olo, EPON Pontenova, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like EPLA Placencia, PMAFR Mafrá, GUD Guadarrama, ELAN Lanestosa, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like EADA Adamuz, EALC Alkurruntz, ETSF Etsaus, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like JMWK Keihoku, JWS Shosan, ASAJ Asahikawa, etc.

SONM Songino Array 24.79 288 P P 01 07 04.6 +0.8
MKAR Makanchi Array 40.87 294 P P 01 09 22.3 +0.9
ILAR Eielson Array 42.01 37 P P 01 09 29.8 -0.4
FINES FINES Array B 61.77 331 P P 01 11 53.7 -0.7
NOA NORSTAR Array B 66.72 337 P P 01 12 26.5 +0.1
NVAR Mina Array B 67.34 56 P P 01 12 46.6 +3.3
TXAR Lofitas Array 84.30 53 P P 01 14 08.5 +2.6

ISCJB 04 01:11:47.8:0.6, 8.12N:0.04:73.10W:0.05, h161km, 7km,
Error ellipse: s-maj=9.2km s-min=4.8km az=32.2
FUNV 04 01:11:48.9:6.77N:0.73:16W, h142km, 5km, ML2.2
RSCN 04 01:11:50.7:0.7:6.79N:7.3:16W, h142km, 5km, ML2.2

Code Station Name Az AZZ Phase ID Time Res
BARC Barichara 0.23 210 Op Pn 01 12 10.0 -0.1
BARC BARC 0.23 210 Op Pn 01 12 24.7 -2.7
BARC BARC 0.23 210 Op Pn 01 12 28.1

IDC 04 01:27:34.8:13.0, 14.87S:165.81E, h0km, mb3.7/3,
mb1 3.9/4, mb1mx3.6/32, mbtmp3.8/4, ML3.9/1, Error
ellipse: s-maj=231.1km s-min=36.7km az=56.0, Vanuatu
Islands

Code Station Name Az AZZ Phase ID Time Res
DZM Mont Dzumac 7.19 175 Pn Pn 01 29 21.2 -0.2
DZM DZM 7.19 175 Pn Pn 01 30 44.0 0.0
STKA Stephens Creek 27.84 228 P P 01 33 26.6 +0.5
WRA Warramunga Arr 30.42 256 P P 01 33 49.1 -0.2
ASAR Alice Springs 31.31 249 P P 01 33 56.7 -0.3

IDC 04 01:29:25.1:1.34, 81N:33.75E, h0km, mb3.6/6,
mb1 3.8/12, mb1mx3.5/42, mbtmp3.6/12, ML3.5/6, MS2.4/1,
Ms1 2.4/1, ms1mx2.0/50, Error ellipse: s-maj=27.4km
s-min=15.7km az=56.0

ISCJB 04 01:29:28.5:0.2, 34.70N:0.02:33.79E:0.03, h48km, 4km,
mb3.6/3, Error ellipse: s-maj=4.1km s-min=2.8km
az=137.4

CSEM 04 01:29:29.3:0.1, 34.72N:33.79E, h30km, ML3.8, Error
ellipse: s-maj=3.7km s-min=2.6km az=34.0
GIL 04 01:29:29.6:0.0, 34.64N:33.88E, h15km, MD3.1/9
NIC 04 01:29:30.4:0.3, 34.78N:33.72E, h18km, mb4.1, ML3.8
HLW 04 01:29:30.4:3.6, 69N:33.83E, h31km, 17km, MD3.5
NSSC 04 01:29:31.5:1.2, 34.73N:33.94E, h37km, 99km, ML2.9
ISC 04 01:29:28.8:0.9, 34.74N:0.03:33.80E:0.02, h32km, 7km,
n112, s19/164, mb3.4/5, Cypirus region

Code Station Name Az AZZ Phase ID Time Res
PHNC Paralimni 0.33 336 Op Pn 01 29 38.0 +0.6
PHNC Paralimni 0.33 336 S P 01 29 43.4 +1.1
PHNC Paralimni 0.33 336 P P 01 29 38.0 +0.6
CSS Mathiatis 0.44 300 S P 01 29 38.0 -0.5
CSS Mathiatis 0.44 300 S S 01 29 44.4 -0.8
CSS Mathiatis 0.44 300 Pg P 01 29 37.8 -0.7
MAMC Mammari 0.64 312 P P 01 29 41.7 0.0
SZAC Souini 0.75 272 P P 01 29 43.3 +0.1
SZAC Souini 0.75 272 S S 01 29 54.4 +0.9
ALFC Alefka 1.07 293 P P 01 29 43.7 +0.1
ALFC Alefka 1.07 293 S S 01 29 47.8 +0.2
ALFC Alefka 1.07 293 S S 01 30 02.3 +0.9
PPCY Paphos 1.20 277 P P 01 29 50.4 +1.0
PPCY Akamas 1.24 284 P P 01 29 51.3 +1.4
BHL Bhannes 1.75 118 eP Pn 01 29 56.8 -0.2
DQRL Deir Qamar 1.79 125 eP Pn 01 29 57.3 -0.3
DQRL Deir Qamar 1.79 125 eP Pn 01 29 57.3 -0.3
HWQ Hawqa 1.83 104 eP Pn 01 29 58.8 +0.6
HWQ Hanita 1.83 104 eP Pn 01 30 00.8 +0.3
HWQ Hanita 2.01 145 Pn Pn 01 30 08.8 +0.3
BIDA Albida 2.09 82 iP Pn 01 30 02.1 +0.4
BIDA Albida 2.09 82 eS Sn 01 30 25.4 -1.3
BIDA Albida 2.09 82 AML AML 01 30 29.9
BIDA Albida 2.09 82 AML AML 01 30 34.6
BIDA Albida 2.09 82 Pn Pn 01 30 02.1 +0.4
BIDA Albida 2.09 82 eS Sn 01 30 25.4 -1.3
MMAI Mount Meron Ar 2.18 142 Pn Pn 01 30 03.3 +0.4
MMAI Mount Meron Ar 2.18 142 Sn Sn 01 30 29.2 +0.4
MMAI Mount Meron Ar 2.18 142 LR LR 01 31 11.3

KSDI Kefar Szold 2.18 134 Pn Pn 01 30 03.3 +0.4
KSDI Kefar Szold 2.18 134 Sn Sn 01 30 28.6 -0.2
KSDI Kefar Szold 2.18 134 Pn Pn 01 30 03.3 +0.4
FKH Fakeheh 2.21 102 eP Pn 01 30 28.4 +1.0
FKH Fakeheh 2.21 102 Pn Pn 01 30 28.4 +1.0
BRBR Barbar 2.22 126 iP Sn 01 30 28.4 -1.7
BRBR Barbar 2.22 126 AML AML 01 30 31.6

WRDH Warideh 2.28 70 iP Pn 01 30 04.8 +0.5
WRDH Warideh 2.28 70 eS Sn 01 30 28.4 -1.7
WRDH Warideh 2.28 70 AML AML 01 30 33.1

BLGI Bet Lehem HaGe 2.31 149 Pn Pn 01 30 04.9 +0.2
BLGI Bet Lehem HaGe 2.31 149 Pn Pn 01 30 04.9 +0.2
MARH Ras Al Marh 2.33 107 iP Pn 01 30 06.9 +1.7
MARH Ras Al Marh 2.33 107 eS Sn 01 30 31.7 -1.2
MARH Ras Al Marh 2.33 107 AML AML 01 30 40.2
MARH Ras Al Marh 2.33 107 iP Pn 01 30 06.9 +1.7
MARH Ras Al Marh 2.33 107 eS Sn 01 30 31.7 -1.2
OFRI Ofer 2.33 155 Pn Pn 01 30 05.2 +0.2
OFRI Ofer 2.33 155 Pn Pn 01 30 05.2 +0.2
QASN Qassioun 2.38 120 iP Pn 01 30 07.8 +2.1
QASN Qassioun 2.38 120 eS Sn 01 30 32.7 -1.2
QASN Qassioun 2.38 120 AML AML 01 30 39.2
QASN Qassioun 2.38 120 AML AML 01 30 40.0
QASN Qassioun 2.38 120 iP Pn 01 30 07.8 +2.1
QASN Qassioun 2.38 120 eS Sn 01 30 32.7 -1.2
TOTH TOTAH 2.58 121 iP Pn 01 30 10.2 +1.8
TOTH TOTAH 2.58 121 eS Sn 01 30 37.6 -1.1
TOTH TOTAH 2.58 121 iP Pn 01 30 10.2 +1.8
TOTH TOTAH 2.58 121 eS Sn 01 30 37.6 -1.1
MMLI Mount Malkishu 2.67 149 Pn Pn 01 30 10.4 +0.9
MMLI Mount Malkishu 2.67 149 Sn Sn 01 30 41.4 +0.6
MMLI Mount Malkishu 2.67 149 Sn Sn 01 30 10.4 +0.9
SLTI Sal'it 2.70 157 Pn Pn 01 30 09.9 -0.1
SLTI Sal'it 2.70 157 Pn Pn 01 30 09.9 -0.1
SLTI Sal'it 2.70 157 Sn Sn 01 30 09.9 -0.1
SLTI Sal'it 2.70 157 Sn Sn 01 30 09.9 -0.1
TCHB Talchebab 2.75 138 iP Pn 01 30 12.1 +1.5
TCHB Talchebab 2.75 138 eS Sn 01 30 42.3 -0.4
TCHB Talchebab 2.75 138 AML AML 01 30 44.9
TCHB Talchebab 2.75 138 AML AML 01 30 50.9
TCHB Talchebab 2.75 138 iP Pn 01 30 12.1 +1.5
TCHB Talchebab 2.75 138 eS Sn 01 30 42.3 -0.4

HMDT Nahal Hemdat 2.87 149 Pn Pn 01 30 13.6 +1.3
HMDT Nahal Hemdat 2.87 149 Sn Sn 01 30 45.5 +0.8
HMDT Nahal Hemdat 2.87 149 Sn Sn 01 30 13.6 +1.3
ROOS ti_alroos 2.94 100 iP Sn 01 30 15.4 +2.0
ROOS ti_alroos 2.94 100 eS Sn 01 30 45.2 -2.4
ROOS ti_alroos 2.94 100 AML AML 01 30 55.1

SALA Sala 3.17 129 iP Sn 01 30 19.0 +2.3
SALA Sala 3.17 129 eS Sn 01 30 51.2 -2.3
SALA Sala 3.17 129 AML AML 01 30 58.2
SALA Sala 3.17 129 AML AML 01 30 59.1
SALA Sala 3.17 129 iP Sn 01 30 19.0 +2.3
SALA Sala 3.17 129 eS Sn 01 30 51.2 -2.3

DSI Dead Sea 3.43 157 Pn Pn 01 30 20.0 0.0
DSI Dead Sea 3.43 157 Sn Sn 01 30 59.6 +0.1
DSI Dead Sea 3.43 157 Pn Pn 01 30 20.0 0.0
DSI Dead Sea 3.43 157 Sn Sn 01 30 59.6 +0.1
ZALF Zaif 3.46 121 eS Sn 01 30 22.4 +1.9
ZALF Zaif 3.46 121 eS Sn 01 30 58.1 -2.2

YTR Yattir 3.54 161 Pn Pn 01 30 22.8 +1.1
YTR Yattir 3.54 161 Pn Pn 01 30 22.8 +1.1
ASF Jabal al Asfar 3.64 134 Pn Pn 01 30 25.2 +2.2
ASF Jabal al Asfar 3.64 134 Sn Sn 01 31 08.3 +3.3
MZDA Masada 3.66 159 Pn Pn 01 30 24.2 +1.0
MZDA Masada 3.66 159 Sn Sn 01 30 24.2 +1.0
MZDA Masada 3.66 159 Sn Sn 01 31 06.2 +0.9
KZIT Kziot 3.85 172 Pn Pn 01 30 26.8 +0.9
KZIT Kziot 3.85 172 Pn Pn 01 30 26.8 +0.9
RMINI Mount Ramon 4.21 169 Pn Pn 01 30 31.8 +1.0
RMINI Mount Ramon 4.21 169 Pn Pn 01 30 31.8 +1.0
ZFRI Zfri 4.33 164 Pn Pn 01 31 21.9 +0.1
ZFRI Zfri 4.33 164 Pn Pn 01 30 32.8 +0.4
ZFRI Zfri 4.33 164 Sn Sn 01 31 21.9 +0.1
PRNI Paran 4.49 167 Pn Pn 01 30 35.3 +0.6
PRNI Paran 4.49 167 Pn Pn 01 31 26.3 +0.5
PRNI Paran 4.49 167 Sn Sn 01 30 35.3 +0.6
PRNI Paran 4.49 167 Sn Sn 01 31 26.3 +0.5
KRMI Paran Flat 4.67 170 Pn Pn 01 30 37.7 +0.5
KRMI Paran Flat 4.67 170 Pn Pn 01 30 37.7 +0.5
HNKL Nakhli 4.80 178 S Sn 01 31 30.5 -2.9
HNKL Nakhli 4.80 178 S Sn 01 31 30.5 -2.9
HRFI Mount Harif 4.80 167 Pn Pn 01 30 39.5 +0.5
HRFI Mount Harif 4.80 167 Pn Pn 01 30 39.5 +0.5
BRTR Keskin Arr B 4.96 359 Pn Pn 01 30 43.3 +1.8
MBRI Mt Berech 5.02 169 Pn Pn 01 31 42.6 +0.6
MBRI Mt Berech 5.02 169 Sn Sn 01 31 38.7 -0.2
MBRI Mt Berech 5.02 169 Pn Pn 01 30 42.6 +0.6
MBRI Mt Berech 5.02 169 Sn Sn 01 31 38.7 -0.2
EIL Elat 5.15 169 Pn Pn 01 30 45.1 +1.5
EIL Elat 5.15 169 Sn Sn 01 31 45.1 -0.4
EIL Elat 5.15 169 Pn Pn 01 30 44.5 +0.8
EIL Elat 5.15 169 Pn Pn 01 30 44.5 +0.8
MALT Malatya 5.16 45 Pn Pn 01 30 45.8 +1.9
MALT Malatya 5.16 45 Pn Pn 01 30 45.8 +1.9
HBST Basata 5.56 172 Pn Pn 01 30 49.1 -0.3
HBST Basata 5.56 172 Pn Pn 01 30 49.1 -0.3
HDHB Dhabab 6.04 173 P P 01 30 56.0 +0.1
HDHB Dhabab 6.04 173 P P 01 31 01.6 -0.1
NBNS Bani Suef 6.46 200 P P 01 31 01.6 -0.1
NBNS Bani Suef 6.46 200 P P 01 31 01.6 -0.1
NHNS Bani Suef 6.46 200 P P 01 31 01.6 -0.1
HMAT Matruh 6.70 239 P P 01 31 05.5 +0.5

HMAT Matruh 6.70 239 P P 01 31 05.5 +0.5
TR1 Tor 1 6.71 179 P P 01 31 05.1 -0.1
TR1 Tor 1 6.71 179 P P 01 31 05.1 -0.1
ID1 Anoyia 7.33 277 P P 01 31 13.2 -0.5
ID1 Anoyia 7.33 277 P P 01 31 13.2 -0.5
AWBH bazz=215 7.64 214 P Pn 01 31 18.4 +0.5
AWBH bazz=215 7.64 214 P Pn 01 31 18.4 +0.5
AKASG Malin Array Be 16.30 350 Pn Pn 01 33 17.1 -0.7
GEYT Alibek 19.84 174 P P 01 33 56.8 -0.1
GEYT Alibek 19.84 174 P P 01 33 56.8 -0.1
DPC Dobruska-Polom 20.15 326 eP Pn 01 34 06.0 +0.3
GERES GERES Array B 20.48 320 P P 01 34 04.6 +0.6
KHC Kasperske Hory 20.72 320 eP Pn 01 34 06.4 0.0
KHC Kasperske Hory 20.72 320 eP Pn 01 34 13.2 +2.4
FINES FINES Array B 21.18 352 P Pn 01 35 08.1 -1.0
FINES FINES Array B 21.18 352 P Pn 01 35 08.1 -1.0
ARCES ARCES Array B 35.15 355 P P 01 36 18.7 -0.4
ARCES ARCES Array B 35.15 355 P P 01 36 18.7 -0.4
MKAR Makanchi Array 38.08 57 P P 01 36 46.2 +1.8
ZALV Zalesovo Beam 40.20 45 P P 01 37 02.9 +0.9
YKA Yellowknife Ar 79.82 346 P P 01 41 33.9 +0.3

IDC 04 01:34:03.2:4.1, 2.95N-95.75E, h0km, mb3.3/4, mb1 3.4/4,
mb1mx3.2/38, mbtmp3.3/4, Error ellipse:
s-maj=156.0km s-min=27.9km az=58.0, Off west coast
of northern Sumatra

Code Station Name Az AZZ Phase ID Time Res
H0S2S Diego Garcia H 25.48 245 T T 02 05 39.9
H0S2S Diego Garcia H 25.48 246 T T 02 05 45.2
H0S1 Diego Garcia H 25.50 246 T T 02 05 47.4
WRA Warramunga Arr 44.19 123 P P 01 42 14.2 -0.1
MKAR Makanchi Array 45.22 347 P P 01 42 22.6 +0.4
SONM Songino Array 45.65 10 P P 01 42 25.7 0.0
ZALV Zalesovo Beam 51.62 352 P P 01 43 10.6 -0.7

ISCJB 04 02:00:16.4:1.2, 41.2N:0.1:22.76E:0.08, h5km, 20km,
Error ellipse: s-maj=21.0km s-min=7.4km az=162.3
CSEM 04 02:00:16.8:0.4, 41.31N:22.70E, h17km, 2km, MD2.6,
Error ellipse: s-maj=10.9km s-min=7.6km az=6.0
SKO 04 02:00:16.3, 41.31N:22.67E, h15km, M0.7, ML1.2
ATH 04 02:00:17.1, 41.29N:22.69E, h22km, 1km, MD2.6/7
ISC 04 02:00:16.9:1.1, 41.27N:0.09:22.68E:0.04, h12km, 11km,
n22, s042/32, Northwestern Balkan Peninsula

Code Station Name Az AZZ Phase ID Time Res
VAY Valandovo 0.09 300 iP Pg P 02 00 19.8 +0.1
VAY Valandovo 0.09 300 iSg Pg Sg 02 00 21.4 -0.2
VAY Valandovo 0.09 300 eLg Lg 02 00 21.5
VAY Valandovo 0.09 300 eLg Lg 02 00 21.7
VAY Valandovo 0.09 300 iPg P 02 00 19.7 +0.1
VAY Valandovo 0.09 300 iSg Pg Sg 02 00 21.4 -0.2
VAY Valandovo 0.09 300 eLg Lg 02 00 21.6
KNT Kendrikon 0.20 124 ePb Pb 02 00 22.5 -0.1
KNT Kendrikon 0.20 124 ePb Pb 02 00 22.5 -0.1
GRG Griva 0.38 213 ePb Pb 02 00 25.4 -0.2
GRG Griva 0.38 213 eSb Sb 02 00 31.8 +0.4
GRG Griva 0.38 213 ePb Pb 02 00 25.4 -0.2
GRG Griva 0.38 213 eSb Sb 02 00 31.8 +0.4
THE Thessaloniki 0.68 161 ePn Pn 02 00 30.8 +0.1
THE Thessaloniki 0.68 161 eS Sn 02 00 40.5 +0.5
THE Thessaloniki 0.68 161 eSn Sn 02 00 30.8 +0.1
THE Thessaloniki 0.68 161 ePn Pn 02 00 40.5 +0.5
SOH Sokhos 0.68 131 ePn Pn 02 00 41.0 +0.2
SOH Sokhos 0.68 131 eS Sn 02 00 40.9 +0.7
SOH Sokhos 0.68 131 ePn Pn 02 00 41.0 +0.2
SOH Sokhos 0.68 131 eS Sn 02 00 40.9 +0.7
SRS Serrai 0.71 102 ePn Pn 02 00 31.2 0.0
SRS Serrai 0.71 102 ePn Pn 02 00 31.2 0.0
HRT Hortiatis 0.75 154 ePn Pn 02 00 32.5 +0.6
HRT Hortiatis 0.75 154 eS Sn 02 00 38.8 -0.9
HRT Hortiatis 0.75 154 ePn Pn 02 00 32.5 +0.6
HRT Hortiatis 0.75 154 eS Sn 02 00 38.8 -0.9
NVR Nevrokopi 0.90 85 ePn Pn 02 00 34.3 +0.1
NVR Nevrokopi 0.90 85 ePn Pn 02 00 34.3 +0.1
PLG Polygyros 1.07 147 ePn Pn 02 00 37.0 -0.4
PLG Polygyros 1.07 147 ePn Pn 02 00 37.0 -0.4
KAVA Kavala 1.42 101 ePn Pn 02 00 43.4 +0.2
KAVA Kavala 1.42 101 ePn Pn 02 00 43.4 +0.2
NEST Nestorio 1.50 236 ePn Pn 02 00 45.2 +0.4
NEST Nestorio 1.50 236 ePn Pn 02 00 45.2 +0.4

IDC 04 02:16:25.5:3.8, 15.34S:173.06W, h0km, mb3.7/4,
mb1 3.9/4, mb1mx3.5/37, mbtmp3.5/4, Error ellipse:
s-maj=187.6km s-min=18.6km az=139.0, Tonga Islands

Code Station Name Az AZZ Phase ID Time Res
AFI Afiamalu 1.89 41 Pn Pn 02 16 59.9 +0.6
AFI Afiamalu 1.89 41 Pn Pn 02 16 59.9 +0.6
STKA Stephens Creek 44.34 240 P P 02 24 37.1 -0.7
WRA Warramunga Arr 50.17 257 P P 02 25 23.3 -0.1
ASAR Alice Springs 50.44 252 P P 02 25 25.6 +0.1
ILAR Eielson Array 82.33 11 P P 02 28 48.6 -0.1

RSCN 04 02:16:44.5:0.8, 4.54N-76.08W, h0km, 6km, ML2.3,

Code Station Name Az AZZ Phase ID Time Res
TOLC Tolima 0.73 86 eP Pg 02 16 58.5 -0.5
TOLC Tolima 0.73 86 eS Sg 02 17 00.0 +1.1
GUYC Guyana, Colomb 0.96 45 eP Pg 02 17 02.2 -1.3
GUYC Guyana, Colomb 0.96 45 eS Sg 02 17 16.8 +0.4
GUYC Guyana, Colomb 0.96 45 eP Pg 02 17 19.1
PRAC Prado 1.44 126 eP Pn 02 17 09.6 -2.4
PRAC Prado 1.44 126 eS Pn 02 17 30.2 -0.8
PRAC Prado 1.44 126 i Pn 02 17 32.3
PRAC Prado 1.44 126 i Pn 02 17 32.3
SALC Santa Helena 1.76 17 eP Pn 02 17 15.7 -1.1
SALC Santa Helena 1.76 17 eS Sn 02 17 38.4 +1.8
HJEC San Juan de Ar 2.47 121 eP Pn 02 17 25.6 -0.6
SJAC 2.52 110 Pn Pn 02 18 02.2

IDC 04 02:23:12.7:1.2, 13.29N:125.48E, h0km, mb3.5/6,
mb1 3.7/6, mb1mx3.5/37, mbtmp3.5/6, MS3.1/1, Ms1 3.1/1,
ms1mx2.4/38, Error ellipse: s-maj=47.2km s-min=19.6km
az=70.0
ISCJB 04 02:23:14.4:1.0, 13.3N:0.1:125.5E:0.2, h24km, mb3.4/6,
MS3.0/1, Error ellipse: s-maj=35.9km s-min=16.3km
az=162.0

Code Station Name Az AZZ Phase ID Time Res
KSRS Korea Array 24.15 5 Op Pn 02 28 29.7 -0.7
KSRS Korea Array 24.15 5 Op Pn 02 28 29.7 -0.7
CMAR Chiang Mai Arr 26.04 285 P P 02 28 47.2 -0.7
CMAR Chiang Mai Arr 26.04 285 P P 02 28 47.2 -0.7

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DGRG David-gareji, TBILG Delisi, SEAG Tbilisi Sea, etc.

MEX 04 03:29:46.7±0.6, 17.38N×101.00W, h10km±7km, MD3.8, Near coast of Guerrero. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

ISCJB 04 03:33:57.4±0.9, 26.8N±0.1, 143.9E±0.2, h10km, mb3.5/6. Error ellipse: s-maj=30.8km s-min=16.7km az=168.7. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

ISCJB 04 04:28:15.4±0.3, 44.45N±0.03, 38.43E±0.03, h10km, mb3.2/9, MS3.0/2, Error ellipse: s-maj=4.2km s-min=2.8km az=22.5. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

ANN Anapa 0.80 2990 iPG Pn 04 28 36.2 +1.6. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

SIM comp=N,5um,0.2s 3.12 281 ePn Pn 04 29 07.6 +1.2. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

KELT Kelkit 4.31 171 i P Pn 04 29 22.7 -0.3. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

VSR comp=N,9.0nm,0.8s 6.82 4 eP Pn 04 29 56.4 -0.8. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

AKASG Malin Array B 8.84 319 Pn Pn 04 30 24.5 -0.4. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

NOA NORSAR Array B 23.15 326 P P 04 33 23.0 -0.5. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

IDC 04 04:29:52.1±2.3, 51.24N±1.161, 99E±0.03, h0km, mb3.5/8, mb1 3.7/9, mb1mx3.5/60, mbtmp3.5/9, ML2.8/1, MS2.5/1, MS1 2.5/1, ms1mx2.2/33, Error ellipse: s-maj=7.7km s-min=1.7km az=11.0.

Code Station Name Az Phase ID Time Res. Includes stations like RUS Russkaya, PET Petropavlovsk, UGLR Uglovaya, etc.

PAU Puzhetka 3.25 275 eP Pn 04 30 45.5 0.0. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

KURB Kurchatov Arra 49.80 304 P P 04 38 46.9 +0.9. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

WRA Warramunga Arr 4.04 253 Pn Pn 04 32 28.0 +0.2. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

MEX 04 04:31:57.2±0.6, 16.58N±0.9799W, h16km±15km, MD3.9, Oaxaca. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Haha-jima-NKT, Ryogami san, Hitachi, Matsushiro Arr, etc.

CSEM 04 04:38:04.6: 1.0, 36:62N; 27:62E, h5km, MD2.6, Error ellipse: s-maj=17.7km s-min=8.2km az=21.0

DDA 04 04:38:07.7: 36:77N; 27:47E, h7km, MD2.6

ISC 04 04:38:07.4: 36:31N; 27:53E, h13km, MD2.4

ISC 04 04:38:04.1: 23:36S; 162N; 10:27:66E; 0.05, h3km; 12km, n13, c098/24, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kayabasi, Bodrum, Milas, Yerkesik, etc.

SJA 04 04:42:58.1: 0.6, 24:00S; 66:92W, h216km; 18km, ML2.5, MW2.5

ISCJB 04 04:43:00.6: 0.7, 24:15S; 0:1:67:1W; 0.1, h181km, mb3.1/2, Error ellipse: s-maj=21.3km s-min=8.1km az=38.4

ISC 04 04:43:01.0: 3.4, 23:13S; 66:48W, h168km; 48km, mb3.2/2, mb1.3/3, mb1mx3.1/17, mbtmp3.7/3, Error ellipse: s-maj=163.5km s-min=48.0km az=18.0

ISC 04 04:42:59.9: 1.0, 24:02S; 0:1:67:00W; 0.09, h181km, n10, c1564/11, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like San Lorenzo, Zapla, Limon Verde, Cafayete, etc.

ISC 04 05:01:14.9: 0.5, 27:56N; 143:32E, h0km, mb4.2/25, mb1.4/3, 2/3, mb1mx3.4/4, mbtmp3.2/28, ML4.0/3, MS3.0/3, Ms1.3/1, ms1mx2.6/49, Error ellipse: s-maj=14.5km s-min=12.6km az=121.0

NEIC 04 05:01:16.5: 0.3, 27:59N; 143:31E, h10km, mb4.8/8, Error ellipse: s-maj=7.1km s-min=6.4km az=92.0

JMA 04 05:01:17.8: 0.1, 27:82N; 143:30E, h37km, M4.6

ISC 04 05:01:16.3: 0.5, 27:70N; 0.05: 143:31E; 0.07, h10km, n65, c1529/72, mb4.3/32, MS3.1/3, Bonin Islands region

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

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

ISC 04 05:14:53.8: 3.8, 30:35S; 138:29E, h0km, mb1.2/9/3, mb1mx2.9/31, mbtmp2.7/3, ML2.7/3, Error ellipse: s-maj=93.2km s-min=18.2km az=46.0, South Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Stephens Creek, Malin Array, etc.

ISCJB 04 05:18:16.5: 1.0, 27:22N; 0:1:143:5E; 0.1, h10km, mb3.7/7, Error ellipse: s-maj=17.9km s-min=13.8km az=176.1

ISC 04 05:18:17.5: 1.3, 27:17N; 143:32E, h0km, mb3.7/6, mb1.3/8, 7, mb1mx3.5/43, mbtmp3.7/7, ML3.7/1, Error ellipse: s-maj=27.8km s-min=19.9km az=69.0

ISC 05:18:17.1: 4.2, 27:30N; 0:1:143:3E; 0.1, h10km, n9, c093/9, mb3.9/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matsushiro, Songoing Array, etc.

ISC 04 05:35:27.0: 2.2, 4:95N; 93:97E, h0km, mb3.5/4, mb1.3/7/4, mb1mx3.4/49, mbtmp3.5/4, MS3.5/1, Ms1.3/5, ms1mx2.5/39, Error ellipse: s-maj=110.7km s-min=27.2km az=53.0, Off west coast of northern Sumatara

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

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

IDC 04 05:36:11.6: 1.1, 0.35:78N; 21:89E, h0km, mb3.7/1/3, mb1.3/8/16, mb1mx2.3/751, mbtmp3.7/16, ML3.4/3, MS2.6/3, Ms1.2/6/3, ms1mx2.3/64, Error ellipse: s-maj=21.2km s-min=16.9km az=162.0

ATH 04 05:36:16.3: 35:68N; 21:72E, h45km, MD3.6/19, ML3.7

ISCJB 04 05:36:17.0: 0.4, 35:73N; 0:02:21:74E; 0.03, h64km; 5km, mb3.7/12, Error ellipse: s-maj=4.8km s-min=2.9km az=138.0

CSEM 04 05:36:17.3: 0.2, 35:70N; 21:72E, h30km, ML3.6, Mw4.2, Error ellipse: s-maj=3.9km s-min=2.3km az=55.0

THE 04 05:36:17.8: 1.0, 35:79N; 21:82E, h12km; 5km, ML3.6/10, Error ellipse: s-maj=5.8km s-min=1.0km az=229.0

ISC 04 05:36:17.8: 1.0, 35:73N; 0:04:21:75E; 0.04, h49km; 12km, n200, c1807/275, mb3.7/12, 2D, Central Mediterranean Sea

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

2011 JAN

4d 5h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EFP, VILL, ATH, DSF, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MDT, HFS, EKA, NB2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AFI, MSVF, RAR, etc.

Ms1 4.7/17, ms1mx4.4/39, Error ellipse: s-maj=19.2km s-min=10.7km az=139.0
ISCB 04 05:54:00.8, 0.2, 16:07S:0105:173:05W:0.04, h26km, mb5.1/160, MS4.8/28, Error ellipse: s-maj=7.4km s-min=4.4km az=148.3

GII 04 05:37:39.5, 0.0, 33:10N:35:44E, h1km, MD2.6/5
ISCB 04 05:37:40.3, 0.4, 33:12N:02:35:45E:0.02, h2km, 4km, Error ellipse: s-maj=3.9km s-min=2.6km az=34.3

CSEM 04 05:37:40.4, 0.1, 33:13N:35:45E, h2km, MD2.6, Error ellipse: s-maj=2.8km s-min=1.6km az=120.0

NSCC 04 05:37:40.6, 1.1, 33:09N:35:47E, h4km, 4km, ML2.4
GRAL 04 05:37:41.3, 0.5, 33:13N:35:44E, h0km, 3km, MD3.3

ISC 04 05:37:40.7, 0.3, 33:13N:02:35:44E:0.02, h11km, 7km, n44, c064/77, Jordan-Syria region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KSDI, KSDI, KSDI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AFI, AFI, AFI, etc.

IDC 04 05:53:57.9, 0.4, 16:17S:172:99W, h0km, mb4.8/30, mb1 4.9/30, mb1mx4.8/49, mbtmp4.8/30, MS4.7/17

ISCO	baz=247	83.74	46	P	P	06 06 29.2	-0.4	335A	baz=248,SNR=14	86.42	56	P	P	06 06 42.7	-0.2	239A	baz=248	89.04	56	P	P	06 06 56.4	+1.0			
ISCO	Idaho Springs	83.74	46	eP	P	06 06 29.6	0.0	Y33A	Hilltop Ranch,	86.48	53	P	P	06 06 42.6	-0.5	K30A	Basset	89.06	45	P	P	06 06 56.0	+0.7			
8336A	Chaparral WMA,	83.75	58	P	P	06 06 29.1	-0.5	S30A	Montezuma	86.49	49	P	P	06 06 43.1	0.0	O32A	Brockman Farm,	89.07	48	P	P	06 06 55.4	0.0			
034A	Hebronville	83.88	60	P	P	06 06 30.1	-0.1	O28A	Krutsinger Ran	86.55	47	P	P	06 06 43.8	+0.4	R34A	Isabella, Hill	89.09	50	P	P	06 06 55.5	0.0			
632A	Uvalde	83.88	57	P	P	06 06 30.0	-0.2	Q29A	Oakley	86.61	48	P	P	06 06 43.6	-0.1	I29A	Vivian Onida	89.12	44	P	P	06 06 55.7	+0.1			
RLMT	Red Lodge	83.88	40	P	P	06 06 30.3	+0.2	WHTX	Lake Whitney,	86.65	56	P	P	06 06 43.8	-0.2	G28A	Parade	89.14	42	P	P	06 06 55.6	0.0			
RLMT	Red Lodge	83.88	40	eP	P	06 06 30.8	+0.6	WHTX	Lake Whitney,	86.65	56	eP	P	06 06 44.0	0.0	T35A	Sooner Cattle	89.14	51	P	P	06 06 55.6	-0.2			
DAWY	Dawson	83.98	14	eP	P	06 06 30.0	0.0	RSSD	Black Hills	86.72	42	P	P	06 06 44.1	-0.2	P33A	Williams Farm,	89.18	49	P	P	06 06 56.0	+0.1			
733A	Divot King Ran	83.98	58	P	P	06 06 30.4	-0.3	RSSD	Black Hills	86.72	42	eP	P	06 06 43.6	-0.7	X37A	Clayton	89.20	54	P	P	06 06 56.0	-0.1			
532A	Rocksprings	84.01	56	P	P	06 06 30.3	-0.6	RSSD	Black Hills	86.75	57	eP	P	06 06 49.3	+2.6	E27A	Carson	89.28	41	P	P	06 06 56.4	+0.1			
N23A	Red Feather La	84.01	45	P	P	06 06 30.9	-0.1	436A	Wall Ranch, Ga	86.75	57	P	P	06 06 45.0	+0.5	XAN	Xi'an	89.30	306	P	P	06 06 57.1	+0.4			
N23A	Red Feather La	84.01	45	eP	P	06 06 31.3	+0.3	X33A	Lawton	86.77	53	P	P	06 06 44.3	-0.3	XAN	Xi'an	89.30	306	pP	pP	06 07 07.2	-1.0			
331A	San Angelo	84.05	55	P	P	06 06 30.7	-0.3	Z34A	Collier Ranch,	86.79	54	P	P	06 06 44.7	0.0	XAN	Xi'an	89.30	306	pP	pP	06 07 07.2	-1.0			
130A	Snyder	84.13	54	P	P	06 06 31.3	-0.2	V32A	Arapaho	86.80	52	P	P	06 06 45.0	+0.3	XAN	Xi'an	89.30	306	pP	pP	06 07 07.2	-1.0			
EGAK	Eagle	84.19	13	eP	P	06 06 30.8	-0.1	T31A	Russell Ranch,	86.85	50	P	P	06 06 45.3	+0.4	comp=Z,8.0nm,1.3s										
934A	Genavides	84.21	59	P	P	06 06 31.4	-0.5	I25A	Rochford	86.87	43	P	P	06 06 44.9	-0.2	340A	Bronson	89.31	57	P	P	06 06 56.5	-0.2			
JCT	Junction City	84.23	56	P	P	06 06 31.7	-0.4	I25A	Rochford	86.87	43	P	P	06 06 44.9	-0.2	TUL1	Leonard	89.33	52	P	P	06 06 57.1	+0.4			
JCT	Junction City	84.23	56	eP	P	06 06 31.5	-0.5	R30A	Dighton	86.88	49	P	P	06 06 45.2	+0.1	J30A	Dallas	89.39	44	P	P	06 06 56.5	-0.3			
Z30A	Sanderson Ranc	84.27	53	P	P	06 06 31.3	-0.9	135A	Vickery Place,	86.89	55	P	P	06 06 45.1	-0.1	H29A	Onida	89.42	43	P	P	06 06 56.4	+0.5			
633A	Saathoff Ranch	84.35	57	P	P	06 06 32.1	-0.5	537A	Green Hill Far	86.89	58	P	P	06 06 46.0	+0.7	C26A	Walner Farm, P	89.52	40	P	P	06 06 57.3	-0.1			
834A	Tilden	84.37	59	P	P	06 06 32.8	+0.1	336A	Riesel	86.92	56	P	P	06 06 44.9	-0.5	F28A	McLaughlin	89.53	42	P	P	06 06 57.3	-0.1			
231A	Bronte	84.38	55	P	P	06 06 31.8	-0.9	P29A	Atwood	86.93	47	P	P	06 06 45.3	0.0	Q34A	Chapman	89.54	49	P	P	06 06 57.8	+0.2			
432A	Menard	84.39	56	P	P	06 06 31.7	-1.1	N28A	Pribbeno Ranch	86.94	46	P	P	06 06 45.1	-0.2	U36A	Oologah	89.54	52	P	P	06 06 57.9	+0.2			
K22A	Casper	84.44	43	P	P	06 06 32.0	-0.9	W33A	Caddo, Fort Co	87.02	52	P	P	06 06 46.2	+0.5	S35A	Otter Creek Ra	89.55	51	P	P	06 06 57.9	+0.2			
K22A	Casper	84.44	43	eP	P	06 06 32.9	-0.1	U32A	Winter Ranch,	87.08	51	P	P	06 06 46.1	+0.1	K31A	O'Neill	89.62	45	P	P	06 06 58.0	0.0			
AMTX	Amarillo	84.49	51	P	P	06 06 32.6	-0.7	Y34A	Reagan Ranch,	87.13	54	P	P	06 06 46.5	+0.2	X38A	Whitesboro	89.65	54	P	P	06 06 58.2	0.0			
AMTX	Amarillo	84.49	51	eP	P	06 06 32.9	-0.4	Q30A	Quinter	87.19	48	P	P	06 06 46.9	+0.0	T36A	Boggs Farm, Ca	89.67	51	P	P	06 06 57.8	-0.4			
PHWY	Pilot Hill	84.53	44	eP	P	06 06 33.5	-0.1	S31A	Mullinville	87.19	50	P	P	06 06 46.6	0.0	HHC	Hu-ho-hao-te	89.73	313	eP	P	06 06 59.8	+1.2			
131A	Roby	84.61	54	P	P	06 06 32.9	-0.9	H25A	Fruitdale	87.22	42	P	P	06 06 46.6	0.0	HHC	Hu-ho-hao-te	89.73	313	S	S	06 17 45.9	-3.0			
332A	Millersview	84.62	55	P	P	06 06 32.9	-1.1	O29A	4D Ranch, Culb	87.23	47	P	P	06 06 46.6	-0.1	HHC	Hu-ho-hao-te	89.73	313	S	S	06 18 04.6	+1.6			
Y30A	Stafford Cattl	84.68	53	P	P	06 06 33.5	-0.8	MAW	Mawson	87.27	199	P	P	06 06 45.3	-1.1	HHC	Hu-ho-hao-te	89.73	313	S	S	06 18 04.6	+1.6			
533A	Kerrville	84.69	57	P	P	06 06 34.0	-0.4	Z35A	Perchaven, San	87.29	54	P	P	06 06 47.3	+0.2	HHC	Hu-ho-hao-te	89.73	313	S	S	06 18 04.6	+1.6			
COLD	Coldfoot	84.75	9	eP	P	06 06 34.6	+0.9	X34A	Smith Ranch, M	87.31	53	P	P	06 06 46.7	-0.4	HHC	Hu-ho-hao-te	89.73	313	S	S	06 18 04.6	+1.6			
232A	Coleman	84.89	55	P	P	06 06 34.8	-0.5	Z36A	Katherine and	87.39	56	P	P	06 06 47.9	+0.3	HHC	Hu-ho-hao-te	89.73	313	S	S	06 18 04.6	+1.6			
433A	Art	84.90	56	P	P	06 06 34.3	-1.1	P30A	Selden	87.39	48	P	P	06 06 48.0	+0.5	HHC	Hu-ho-hao-te	89.73	313	S	S	06 18 04.6	+1.6			
X30A	Coker Ranch, T	84.92	52	P	P	06 06 34.9	-0.5	V33A	Lossen Ranch,	87.41	52	P	P	06 06 48.2	+0.6	P34A	Walnut Farm, R	89.84	49	P	P	06 06 59.1	+0.1			
Z31A	Sharp Cattle R	85.04	53	P	P	06 06 35.0	-1.0	R31A	Burdett	87.42	49	P	P	06 06 47.6	0.0	YAK	Yakutsk	89.86	337f	eP	pmax	06 06 58.5	0.0			
EGMT	Eagleton	85.05	37	P	P	06 06 35.5	-0.3	CBKS	Cedar Bluff	87.47	49	P	P	06 06 48.0	+0.1	U37A	Salina	90.02	52	P	P	06 06 59.9	0.0			
EGMT	Eagleton	85.05	37	eP	P	06 06 36.0	+0.2	CBKS	Cedar Bluff	87.47	49	eP	P	06 06 47.3	-0.6	W38A	Poteau	90.02	53	P	P	06 06 60.0	0.0			
534A	Blanco	85.13	57	P	P	06 06 36.0	-0.5	136A	Ennis	87.56	55	eP	P	06 06 47.8	-0.6	Q34A	Beatrice	90.17	48	P	P	06 07 01.1	+0.6			
ABTX	Abilene, Hawle	85.17	54	P	P	06 06 35.7	-0.9	S32A	Newby Ranch, P	87.63	50	P	P	06 06 49.0	+0.3	Q35A	Mercer Eighty,	90.17	50	P	P	06 07 00.7	+0.1			
ABTX	Abilene, Hawle	85.17	54	eP	P	06 06 36.6	-0.1	337A	Centerville	87.67	57	P	P	06 06 49.2	+0.2	G30A	Faulkton	90.31	43	P	P	06 07 01.1	0.0			
333A	Richland Sprin	85.20	56	P	P	06 06 35.8	-1.1	J27A	Elkhorn Farm,	87.68	44	P	P	06 06 48.3	-0.6	V38A	Canehill	90.37	53	P	P	06 07 01.7	+0.1			
Y31A	Rieketa Farm,	85.20	53	P	P	06 06 35.9	-0.9	Q31A	Ellis	87.79	48	P	P	06 06 49.7	+0.2	R36A	Gordon, Harris	90.38	50	P	P	06 07 01.4	-0.2			
BILL	Billbino	85.21	352c	iP	P	06 06 35.8	-0.2	438A	Sam Houston St	87.81	57	P	P	06 06 49.9	+0.3	T37A	Cheneyville 18	90.41	51	P	P	06 07 01.5	-0.2			
BILL	Billbino	85.21	352c	iP	P	06 06 51.1	-0.1	M29A	Burnside Ranch	87.83	46	P	P	06 06 48.5	-1.1	YKA	Yellowknife Ar	90.57	23	P	P	06 07 01.6	-0.2			
BILL	Billbino	85.21	352c	iP	P	06 06 55.7	-0.1	F25A	Bowman	87.87	41	P	P	06 06 50.3	+0.6	YKA	Yellowknife Ar	90.57	23	P	P	06 07 01.6	-0.2			
BILL	Billbino	85.21	352c	iP	P	06 06 55.7	-0.1	X35A	Draze	87.89	53	P	P	06 06 50.5	+0.5	YKA	Yellowknife Ar	90.57	23	P	P	06 07 01.6	-0.2			
BILL	Billbino	85.21	352c	iP	P	06 06 55.7	-0.1	Z36A	Blue Ridge	87.91	55	P	P	06 06 50.2	+0.1	YKB5	Yellowknife Ar	90.57	23	eP	pmax	06 07 00.1	-1.7			
BILL	Billbino	85.21	352c	iP	P	06 06 55.7	-0.1	Z36A	Blue Ridge	87.91	55	P	P	06 06 50.2	+0.1	MIAR	Mout Ida	90.58	54	P	P	06 07 02.6	0.0			
BILL	Billbino	85.21	352c	iP	P	06 06 55.7	-0.1	Z36A	Blue Ridge	87.91	55	P	P	06 06 50.2	+0.1	MIAR	Mout Ida	90.58	54	P	P	06 07 02.6	0.0			
BILL	Billbino	85.21	352c	iP	P	06 06 55.7	-0.1	Z36A	Blue Ridge	87.91	55	P	P	06 06 50.2	+0.1	MIAR	Mout Ida	90.58	54	P	P	06 07 02.6	0.0			
BILL	Billbino	85.21	352c	iP	P	06 06 55.7	-0.1	Z36A	Blue Ridge	87.91	55	P	P	06 06 50.2	+0.1	MIAR	Mout Ida	90.58	54	P	P	06 07 02.6	0.0			
BILL	Billbino	85.21	352c	iP	P	06 06 55.7																				

Table with columns: ID, Name, Time, Az, El, Pn, Az, El, Pn. Rows include stations like Wether Hill Ro, BBOO, STKA, etc.

Table with columns: KMI, Kunming, Time, Az, El, Pn, Az, El, Pn. Rows include stations like KMI, Kunming, KMI, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes STKA Stephens Creek, NWAO Narrogin (SRO), CMAR Chiang Mai Arr, etc.

TIF 04 06:25:21.6, 40.19N, 44.99E, h8km, 4km
DDA 04 06:25:22.3, 40.37N, 45.12E, h26km, MD3.1
CSEM 04 06:25:23.5, 0.7, 40.21N, 44.91E, h2km, MD3.1, Error ellipse: s-maj=14.6km s-min=8.0km az=141.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes Code Akyaka, Code Kars, Code David-gareji, etc.

ISC 04 06:25:23.1, 8.40, 24N, 0.06, 44.88E, 0.06, h1km, 12km, n17, c107/31, Turkey-Georgia-Armenia border region

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

ISCJB 04 06:31:01.3, 0.5, 14.47S, 0.06, 167.25E, 0.09, h170km, mb4.2/17, Error ellipse: s-maj=12.6km s-min=8.2km az=11.5

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

ISC 04 06:31:02.0, 3.2, 14.51S, 167.40E, h165km, 28km, mb3.9/15, mb1.1/16, mb1mx3.9/30, mbtmp3.4/16, Error ellipse: s-maj=17.8km s-min=16.6km az=35.0

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

NEIC 04 06:31:06.3, 1.3, 14.64S, 167.33E, h205km, 12km, mb4.6/4, Error ellipse: s-maj=11.1km s-min=10.8km az=183.0

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

ISC 04 06:31:02.4, 0.5, 14.50S, 0.08, 167.3E, 0.1, h170km, n36, c153/39, mb4.0/16, 3C-1D, Vanuatu Islands

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

TORD PKPab PKPab 06 51 49.1 +0.3
comp=Z,2.2nm,0.8s,baz=94,slow=4.3,SNR=14

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes IDC 04 06:51:01.4, 0.7, 12.03N, 122.22E, h0km, mb3.9/10, etc.

MAN 04 06:51:03, 12.15N, 122.09E, h12km, mb4.7, ML3.6, MS3.6
MAN INTENSITY III - ODIONGAN ROMBLON; INTENSITY II - CATICLAN AKLAN.

ISC 04 06:51:02.1, 1.3, 12.07N, 0.04, 122.17E, 0.04, h6km, 9km, n25, c98/84, mb3.8/11, 3C-2D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes OTRP Odiongan, KALP Kalibo, RCP Roxas, etc.

MEX 04 06:53:21.8, 0.4, 16.05N, 97.54W, h15km, 7km, MD3.7, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes TLIG Tlapa, MEIG Mezcala, CAIG El Cayaco, etc.

ISC 04 06:54:38.8, 1.9, 6.42N, 124.70E, h0km, mb3.5/4, mb1.3/8.4, mb1mx3.4/41, mbtmp3.5/4, Error ellipse: s-maj=43.6km s-min=11.8km az=128.0

MAN 04 06:54:44.0, 1.5, 6.22N, 125.52E, h30km, mb4.6, ML3.5, MS3.4
ISC 04 06:54:44.0, 1.5, 6.22N, 0.05, 125.42E, 0.07, h25km, 12km, n12, c142/16, mb3.4/4, 3C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes GSPH General Santos, KCP Kidapawan, DAV Davao City (W), etc.

ISCJB 04 06:54:49.7, 0.9, 26.91N, 0.08, 144.00E, 0.08, h10km, mb3.6/5, MS3.4/1, Error ellipse: s-maj=12.0km s-min=9.9km az=19.1

IDC 04 06:54:51.0, 1.3, 26.74N, 143.97E, h0km, mb3.6/5, mb1.3/8.6, mb1mx3.5/36, mbtmp3.6/6, ML3.6/1, MS3.4/1, Ms1.3/4.1, ms1mx2.8/38, Error ellipse: s-maj=34.0km s-min=21.9km az=79.0

JMA 04 06:54:53.2, 27.21N, 143.79E, h0km
ISC 04 06:54:52.4, 1.1, 26.8N, 0.1, 143.9E, 0.1, h10km, n11, c96/91, n1, mb3.6/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes CBJ Chichijima, JCU Chichijima, JCY Chichijima, etc.

ms1mx3.1/22, Error ellipse: s-maj=146.9km s-min=45.7km az=89.0, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes STKA Stephens Creek, ASAR Alice Springs, ASAR Alice Springs, etc.

DDA 04 07:08:47.8, 38.74N, 39.13E, h7km, Md2.6
CSEM 04 07:08:48.2, 0.4, 38.68N, 39.15E, h10km, MD2.6, Error ellipse: s-maj=12.0km s-min=7.1km az=128.0

ISCJB 04 07:08:49.0, 0.7, 38.66N, 0.05, 39.16E, 0.08, h10km, 10km, Error ellipse: s-maj=12.3km s-min=3.0km az=30.6

ISC 04 07:08:48.2, 1.2, 38.72N, 0.05, 39.16E, 0.04, h6km, 16km, n10, c96/31, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes PTK Pertek, PTK Pertek, ELZG Elazig, etc.

MEX 04 07:13:19.8, 0.4, 18.11N, 103.35W, h5km, 2km, MD3.5, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes MMIG Aquila, R15V, EZZV, etc.

ISC 04 07:21:07.5, 2.7, 28S, 131.84E, h0km, mb3/1, mb1.4/2.5, mb1mx3.7/35, mbtmp4.0/5, ML4.1/4, Error ellipse: s-maj=90.4km s-min=24.8km az=85.0, Tanimbar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes SIJ Sorong, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, etc.

ISC 04 07:28:55.3, 2.5, 54.33N, 86.07E, h0km, mb1.3/3.2, mb1mx3.0/35, mbtmp3.3/2, ML2.8/2, Error ellipse: s-maj=20.1km s-min=11.2km az=53.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

MEX 04 07:30:07.5, 0.6, 17.43N, 101.80W, h5km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes ZIIG Zihuatanejo, CAIG El Cayaco, ARIG Puente Sto Nin, etc.

ISCJB 04 07:43:07.5, 0.9, 26.5N, 0.1, 144.0E, 0.1, h10km, mb3.4/5, Error ellipse: s-maj=18.4km s-min=12.2km az=34.2

IDC 04 07:43:08.4, 0.9, 26.39N, 143.98E, h0km, mb3.4/5, mb1.3/7.6, mb1mx3.5/38, mbtmp3.4/6, ML3.8/1, Error ellipse: s-maj=39.7km s-min=21.2km az=98.0

ISC 04 07:43:09.4, 1.0, 26.4N, 0.1, 144.0E, 0.1, h10km, n8, c150/9, mb3.5/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes JCU Chichijima, JCY Chichijima, JCA Chichijima, etc.

ISC 04 07:44:07.7, 3.9, 19.69S, 168.24E, h0km, mb4.0/5, mb1.4/1.6, mb1mx3.9/30, mbtmp4.0/6, ML3.3/1, MS3.4/1

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CEME Cevo, HCY Herceg Novi, BEY Berane, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, WRAB Tennant Creek, WRA Warramunga Arr, etc.

4d 10h

Table with columns: GUR, GOURA, 3.48 335, P, Pn, 08 55 15.4 +2.3, etc.

ICC 04 08:55:10.5:0.8, 51.69N:75.48E, h0km, mb1 2.7/3, mb1mx2.6/59, mbtmp2.7/3, ML2.4/3, Error ellipse: s-maj=23.4km s-min=6.5km az=29.0

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

ICC 04 09:10:33.1:2.8, 53.58N:87.06E, h0km, mb1 2.7/2, mb1mx2.6/51, mbtmp2.7/2, ML2.4/2, Error ellipse: s-maj=28.4km s-min=15.9km az=67.0, Southwestern Siberia

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

ISCJB 04 09:12:13.3:0.6, 37.55N:0.04:41.62E:0.03, h0km, Error ellipse: s-maj=6.2km s-min=3.5km az=176.3

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

2011 JAN

ICC 04 09:38:01.8:5.4, 7.36S:120.09E, h502km, 79km, mb2.9/3, mb1 3.0/5, mb1mx2.6/37, mbtmp3.8/5, Error ellipse: s-maj=164.2km s-min=26.8km az=52.0

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

ICC 04 09:41:22.4:3.2, 54.21N:87.19E, h0km, mb1 2.7/2, mb1mx2.6/43, mbtmp2.7/2, ML2.3/2, Error ellipse: s-maj=31.6km s-min=19.2km az=48.0, Southwestern Siberia

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

ICC 04 09:46:08.5:3.2, 54.15N:86.94E, h0km, mb1 2.6/2, mb1mx2.6/45, mbtmp2.6/2, ML2.3/2, Error ellipse: s-maj=29.8km s-min=17.1km az=56.0, Southwestern Siberia

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

ICC 04 09:46:50.9:3.4, 3.56S:151.28E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.4/33, mbtmp3.7/3, Error ellipse: s-maj=121.5km s-min=46.4km az=120.0, New Ireland region

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

MEX 04 09:49:27.5:0.5, 15.52N:92.37W, h172km, 6km, MD3.5, Mexico-Guatemala border region

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

ISK 04 09:55:13.6, 37.09N:28.92E, h10km, MD2.7, ISCJB 04 09:55:15.6:1.0, 37.07N:0.05:28.87E:0.06, h5km, 8km, Error ellipse: s-maj=10.4km s-min=4.8km az=41.9

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

TURN Turunc 0.22 227 i Op ISC h m s ISC 09 55 23.9 +2.3

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

CSEM 04 09:58:56.7:0.1, 76.18N:6.56E, h10km, ML1.7, Error ellipse: s-maj=5.6km s-min=3.4km az=11.0

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

164

Table with columns: SPA0, Spitsbergen Arr, 2.57 42 eP, Pn, 09 59 44.0 -1.5, etc.

ICC 04 10:19:23.2:1.5, 3.90S:150.27E, h0km, mb3.7/6, mb1 3.9/6, mb1mx3.6/35, mbtmp3.7/6, MS3.3/1, Ms1 3.3/1, ms1mx2.6/33, Error ellipse: s-maj=77.5km s-min=22.9km az=124.0

ISCJB 04 10:19:26.7:1.3, 4.05S:0.3:150.2E:0.1, h33km, mb3.5/6, MS3.2/1, Error ellipse: s-maj=67.4km s-min=18.5km az=34.2

ISC 04 10:19:28.5:1.4, 4.05S:0.3:150.3E:0.4, h35km, nb8, 09918, mb3.5/5, New Ireland region

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

ICC 04 10:21:11.8:2.3, 16.44S:177.22W, h0km, mb3.5/4, mb1 3.8/4, mb1mx3.5/38, mbtmp3.4/5, Error ellipse: s-maj=131.1km s-min=29.2km az=149.0, Fiji Islands region

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

ISCJB 04 10:31:13.8:0.8, 27.3N:0.1:143.37E:0.09, h10km, mb3.6/8, Error ellipse: s-maj=15.6km s-min=10.8km az=151.2

ICC 04 10:31:14.6:0.9, 27.23N:143.24E, h0km, mb3.6/8, mb1 3.7/9, mb1mx3.5/52, mbtmp3.6/9, ML3.4/1, MS3.0/1, Ms1 3.0/1, ms1mx2.3/50, Error ellipse: s-maj=20.7km s-min=17.9km az=127.0

ISC 04 10:31:16.0:1.1, 27.3N:0.1:143.3E:0.1, h10km, n11, 0569/11, mb3.7/8, Bonin Islands region

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

ICC 04 10:33:10.4:2.8, 53.51N:87.64E, h0km, mb1 3.2/2, mb1 3.8/4, mb1mx3.5/38, mbtmp3.2/2, ML2.8/2, 3C-3D, Error ellipse: s-maj=25.2km s-min=13.9km az=62.0, Southwestern Siberia

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

ICC 04 10:42:41.2:2.8, 5.27S:129.07E, h234km, 40km, mb3.1/1, mb1 3.5/5, mb1mx3.1/29, mbtmp4.1/5, Error ellipse: s-maj=65.5km s-min=15.3km az=186.0, Banda Sea

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

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

ISCJB 04 11:03:46.5, 0.6, 64.80N, 0.02:30.64E, 0.08, h0km, Error ellipse: s-maj=5.0km s-min=2.9km az=11.9

ISCJB 04 11:03:47.9, 0.4, 64.69N, 30.95E, h0km HEL 04 11:03:47.4, 0.4, 64.84N, 30.77E, h0km, ML2.0, ML1.6 (U/P) Explosion

ISCJB 04 11:03:48.2, 0.4, 64.80N, 30.64E, ML2.4 CSEM 04 11:03:48.2, 0.4, 64.84N, 30.65E, h2km, ML2.0, Error ellipse: s-maj=10.3km s-min=6.0km az=96.0, Mining explosion.

ISCJB 04 11:03:50.1, 2.3, 64.84N, 30.50E, h0km, ML1.6, Suspected explosion UPP 04 11:03:50.1, 3.7, 64.85N, 30.38E, h0km, ML2.4 (NAO), Suspected explosion

ISC 04 11:03:47.9, 0.9, 64.83N, 0.02:30.72E, 0.04, h0km, n67, r131/107, Finland-Karelia border region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Apatity Array, Vario, Sodankyl, etc.

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

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

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

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

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

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

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

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

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

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

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

ISC 04 11:31:48.9, 0.8, 3.96S, 146.79E, h0km, mb4.1/12, mb1 4.3/16, mb1mx4.2/39, mbmtmp4.2/16, ML2.6/2, MS3.6/13, Ms1 3.6/13, ms1mx3.4/31, Error ellipse: s-maj=28.8km s-min=13.4km az=92.0

NEIC 04 11:31:50.5, 0.3, 3.91S, 146.75E, h10km, mb4.5/7, Error ellipse: s-maj=8.9km s-min=5.3km az=102.0

ISC 04 11:31:52.1, 0.4, 4.00S, 146.80E, 0.07, h03km, mb4.3/20, MS3.6/11, Error ellipse: s-maj=9.9km s-min=5.2km az=178.8

ISC 04 11:31:53.3, 2.9, 94S, 146.64E, h34km, mb4.7/16, mb4.8/6, Ms4.8/4, Ms7.4/5

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASO1, ASO1, ASO1, etc.

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

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

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

Table with columns: ZALV, LR, LR, 12 16 33.0, comp=Z,53nm,21.3s,baz=30,slow=35, KSH Kashi, 77.84 312 eP, P, 11 43 51.5 +2.9, etc.

TIF 04 11:37:08.9 41'11N,43'00E, h11km, 1km CSEM 04 11:37:09.0, 0.2, 41.09N, 43.00E, h2km, MD2.6, Error ellipse: s-maj=8.4km s-min=3.9km az=138.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, EAK Akyaka, 0.45 205 iP, Op, P, 11 37 18.0 +0.2, etc.

ISK 04 11:38:00.8, 38.61N, 37.47E, h5km, MD2.9 CSEM 04 11:38:01.7, 0.2, 38.60N, 37.47E, h2km, MD2.9, Error ellipse: s-maj=5.9km s-min=4.7km az=12.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, DARE Darende-Malaty, 0.02 199 eP, Op, P, 11 38 01.8 -1.1, etc.

PRE 04 11:41:26.5 1.3, 28.79S, 20.50E, h5km, ML4.3, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, UPI Upington, 0.79 58 eP, Op, P, 11 41 42.4 -0.4, etc.

comp=Z,26nm,0.4s ISCJB 04 11:42:08.4, 0.8, 27.40N, 0.05, 128.15E, 0.07, h21km, 7km, mb3.4/3, Error ellipse: s-maj=12.9km s-min=4.0km az=41.7

JMA 04 11:42:08.1, 27.42N, 128.14E, h17km, 1km, M3.3, IDC 04 11:42:17.7, 1.0, 27.44N, 128.15E, h86km, 50km, mb3.0/3, mb1.3/4, mb1mx3.0/43, mbtmp3.4/4, ML3.0/1, Ms4.0/1, Ms1.4/0.1, ms1mx2.6/14, Error ellipse: s-maj=265.7km s-min=27.5km az=97.0

ISC 04 11:42:08.0, 1.6, 27.41N, 0.07, 128.15E, 0.07, h14km, 10km, n15, c068/21, mb3.4/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, JOKE Okinoerabujima, 0.38 98 P, Op, P, 11 42 15.8 +0.1, etc.

IDC 04 12:07:01.2, 1.1, 36.72N, 143.77E, h0km, mb3.3/4, mb1.3/6, mb1mx3.4/33, mbtmp3.4/6, ML3.2/2, Error ellipse: s-maj=40.1km s-min=23.2km az=112.0

ISCJB 04 12:07:04.5, 0.7, 36.81N, 0.04, 143.54E, 0.06, h33km, mb3.4/4, Error ellipse: s-maj=6.5km s-min=6.3km az=160.7

JMA 04 12:07:05.3, 0.2, 36.82N, 143.53E, h53km, M3.2, ISC 04 12:07:05.7, 1.0, 36.79N, 0.05, 143.57E, 0.08, h35km, n20, c1935/30, mb3.4/4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, JFK Kawachi, 2.23 286 P, Op, P, 12 07 40.4 +0.1, etc.

IDC 04 12:10:45.5, 709.0, 54.18N, 3.38E, h0km, Error ellipse: s-maj=131.7km s-min=142.4km az=119.0, North Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, I26DE FREYUNG INFRAS, 8.15 127 iP, Op, P, 13 03 30.0, etc.

CSEM 04 12:14:54.9, 0.3, 39.43N, 31.30E, h2km, MD2.7, Error ellipse: s-maj=8.8km s-min=4.9km az=25.0

ISC 04 12:14:55.0, 39.34N, 31.27E, h8km, MD2.7, DDA 04 12:14:56.2, 1.3, 39.49N, 31.49E, h7km, MD2.6

ISC 04 12:14:55.2, 1.3, 39.40N, 0.04, 31.30E, 0.04, h6km, 12km, n20, c1968/31, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ESKT Eskisehir, 0.37 289 eP, Op, P, 12 15 02.6 +0.1, etc.

IDC 04 12:45:19.0, 4.4, 3.58S, 149.57E, h0km, mb3.4/2, mb1.3/8, mb1mx3.4/21, mbtmp3.5/2, MS3.0/1, Ms1.3/0.1, ms1mx2.5/23, Error ellipse: s-maj=165.8km s-min=52.7km az=110.0, Bismarck Sea

Table with columns: PMG Port Moresby, 6.26 202 LR, LR, 12 49 24.0, WRA Warrungama Arr, 22.02 221 P, P, 12 50 14.7 -0.5, etc.

Table with columns: RSNC 04 12:46:10.9, 0.8, 32.21N, 74.71W, h1km, 8km, ML1.8, Colombia

CSEM 04 12:48:29.2, 0.2, 38.26N, 34.09E, h10km, MD2.5, Error ellipse: s-maj=5.1km s-min=4.6km az=136.0

ISK 04 12:48:29.1, 38.29N, 34.09E, h14km, MD2.5, DDA 04 12:48:29.5, 0.9, 38.22N, 34.13E, h20km, MD2.8

ISC 04 12:48:29.5, 0.9, 38.24N, 0.03, 34.14E, 0.03, h15km, 6km, n25, c1930/35, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, GULA Gulagac, 0.12 37 eP, Op, P, 12 48 33.0 -0.3, etc.

ISCJB 04 12:54:18.8, 0.4, 33.12N, 0.02, 35.44E, 0.03, h7km, 3km, Error ellipse: s-maj=4.5km s-min=2.8km az=24.5

GII 04 12:54:18.3, 0.4, 33.09N, 35.46E, h2km, MD2.4/6, CSEM 04 12:54:18.9, 0.1, 33.12N, 35.45E, h5km, MD2.4, Error ellipse: s-maj=2.8km s-min=1.6km az=120.0

NSSC 04 12:54:19.0, 0.9, 33.12N, 35.49E, h5km, 3km, ML2.2, GRAL 04 12:54:19.7, 0.7, 33.13N, 35.45E, h0km, 3km, MD2.3

ISC 04 12:54:19.4, 0.9, 33.12N, 0.02, 35.45E, 0.02, h11km, 6km, n54, c0574/98, Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, KSDI Kefar Szold, 0.19 69 P, Op, P, 12 54 23.1 -0.4, etc.

BRBR comp=E,192nm,0.4s 0.51 55 eP, Op, P, 12 54 29.0 -0.4

BRBR comp=N,136nm,0.4s 0.51 55 eP, Op, P, 12 54 39.2

BRBR comp=Z,198nm,0.5s 0.51 55 eP, Op, P, 12 54 39.4

BRBR comp=E,192nm,0.4s 0.51 55 eP, Op, P, 12 54 41.4

BRBR comp=N,146nm,0.9s 0.51 55 eP, Op, P, 12 54 29.0 -0.4

BRBR comp=E,192nm,0.4s 0.51 55 eP, Op, P, 12 54 36.1 -0.1

DORL Deir Qamar 0.59 10 eP, Op, P, 12 54 30.1 -0.8

DORL Deir Qamar 0.59 10 eP, Op, P, 12 54 38.2 -0.5

DORL Deir Qamar 0.59 10 eP, Op, P, 12 54 30.1 -0.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TOH, HMDT, SALA, HQW, MARH, ZALF, etc.

IDC 04 12:58:46.2+0.9, 12:29'49N:143:84E, h0km, mb3.5/8, mb1 3.7/8, mb1mx3.5/47, mbtmp3.4/8, Error ellipse: s-maj=33.4km s-min=16.8km az=117.0

ISC/JB 04 12:58:48.7+0.7, 12:59N:01:143:7E-0.1, h27km, mb3.5/8, Error ellipse: s-maj=25.8km s-min=9.7km az=41.0

ISC 04 12:58:50.2+0.9, 12:58N:02:143:9E-0.2, h27km, n15, a1506/10, mb3.5/8, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO, H11S3, H11S1, H11S2, H11N1, H11N2, H11N3, WRA, ASAR, KURBB, ILAR, BVAR, YKA, NVAR, FINES.

NNC 04 12:59:09.8+6.4, 37:14N:70:78E, h0km, mb3.7, mpv3.4, 5C-1D, Error ellipse: s-maj=59.1km s-min=42.9km az=133.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MNAS, KK31, KK31, AAK.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AAK, AB31, AKTO, BARC, RUSC, GRMC, OCAC, YOPC, NORC, CHIC, ROSC, HELL, WILC, GUYC, DBBC, TOLC, PRAC, SJAC, YKAC, ASAR, WRA.

IDC 04 13:04:07.2+1.3, 12:14N:144:82E, h0km, mb3.2/3, mb1 3.5/3, mb1mx3.2/44, mbtmp3.2/3, MS4.1/1, Ms1 4.1/1, ms1mx3.8/16, Error ellipse: s-maj=99.4km s-min=17.7km az=100.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO, H11N1, H11N2, H11N3, HNR, WRA, ASAR, YKA.

IDC 04 13:16:12.5+1.0, 10:13S:161:12E, h0km, mb3.8/8, mb1 4.0/9, mb1mx3.9/33, mbtmp3.8/9, ML3.8/1, MS3.4/6, Ms1 3.4/6, ms1mx3.1/30, Error ellipse: s-maj=24.4km s-min=19.9km az=143.0

ISC/JB 04 13:16:20.2+0.8, 10:15S:01:09:160:89E-0.0, h67km, mb3.5/8, Error ellipse: s-maj=14.2km s-min=12.0km az=137.9

ISC 04 13:16:21.7+0.9, 10:15S:01:160:9E-0.1, h67km, n21, a0590/12, mb3.7/8, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HNR, DZM, PMG, CTA, WRA, ASAR, H11N1, H11N2, H11N3, KRSR, SONM, ILAR, NVAR, MKAR, YKA, TXAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PPI, PPSI, SBSI, GSI, BKNI, SDSI, PSI, H08S2, H08S3, H08S1, WRA, ASAR, MKAR, STKA, ZALV, TXAR.

RSNC 04 13:23:29.5+1.3, 3:33N:73:85W, h0km, 5km, ML2.4, 3D, Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SJAC, WILC, PRADO, CHIC, GUYC, NORC, RUSC, WRA, TOLC.

ISC/JB 04 13:26:21.4+0.7, 7:47N:0:04:73:13W-0:05, h143km, 7km, Error ellipse: s-maj=9.7km s-min=4.8km az=39.1

FUNV 04 13:26:22.4, 7:37N:73:19W, h148km, MW3.1, RSNC 04 13:26:23.9, 1.0, 7:43N:73:18W, h128km, 11km, ML2.6, ISC 04 13:26:21.4+1.4, 4:47N:0:05:73:13W-0:05, h148km, 9km, n15, a16127, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GRMC, OCAC, BARC, CAPV, RUSC, SOCV, HELC, HELL, CHIC, VIRV, GUYC, ELOV, QARV, CURV, MAPV, BAUV.

ISC/JB 04 13:33:49.2+0.3, 60:21N:0:03:153:14W-0:07, h157km, 3km, mb3.5/4, Error ellipse: s-maj=6.0km s-min=3.8km az=34.2

IDC 04 13:33:49.0, 1.6, 60:20N:153:40W, h133km, 28km, mb3.2/4, mb1 3.3/8, mb1mx3.0/50, mbtmp3.8/7, Error ellipse: s-maj=35.6km s-min=17.1km az=115.0

NEIC 04 13:33:51.0, 60:20N:153:14W, h152km, MG3.0(AEIC), ISC 04 13:33:50.0+0.8, 60:20N:0:04:153:12W-0:04, h155km, 6km, n78, a0869/1, mb3.6/4, Southern Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IVE, ILS, HOM, RDJH, DRF, OPT, AUG, AUI, HOM, CKL, SPCR, BARR, CKN.

s-maj=23.8km s-min=12.3km az=79.0
ISC 04 15:15:08.0.0.9, 33.13N, 010.137.9E, 0.1, h341km, n30,
+0.90/32, mb3.2/6, Near south coast of eastern Honshu

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

IDC 04 15:15:46.5-6.3, 19.20N, 145.40E, h159km, 51km, mb2.9/4,
mb1 3.4/5, mb1mx3.0/40, mbtmp3.6/5, Error ellipse:
s-maj=134.2km s-min=26.8km az=115.0, Mariana
Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GUMU, H113, H115, etc.

NIED 04 15:20:00.27.20N, 143.40E, h5km, Mw4.0, Best double
couple: M1.200000, 1015 N1.180.000000, 823.000000,
lambda-11.000000, NP2.281.000000, 886.000000,
lambda-11.200000

IDC 15:20:00.60.0.7, 27.05N, 143.33E, h0km, mb3.9/13,
mb1 4.0/16, mb1mx3.9/16, mbtmp3.9/16, ML3.6/3, Error
ellipse: s-maj=20.7km s-min=15.2km az=73.0

ISCJB 04 15:20:52.1-0.7, 27.41N, 140.143.32E, 0.06, h10km,
mb4.2/20, Error ellipse: s-maj=9.0km s-min=4.3km
az=33.7

NEIC 04 15:20:52.1-0.5, 27.09N, 143.37E, h10km, mb4.7/6, Error
ellipse: s-maj=12.2km s-min=8.0km az=78.0

JMA 04 15:20:54.2-0.1, 27.22N, 143.42E, h4km, M4.3
ISC 04 15:20:52.1-0.7, 27.20N, 0.06, 143.39E, 0.08, h10km, n40,
+15/48/18, mb4.1/20, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CBJJ, HJHU, BSOI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like FINES, KBZ, AKASA, etc.

MEX 04 15:32:08.0.0.3, 17.50N, 100.95W, h55km, 7km, MDS3.5,
Guerrero

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

GUC 04 15:33:04.8.0.5, 32.86S, 71.71W, h5km, 6km, ML3.1
SJA 04 15:33:06.9.0.7, 33.06S, 71.47W, h33km, ML2.9, MW2.4
ISC 04 15:33:06.5.2.9, 32.88S, 0.06, 71.5W, 0.2, h13km, 12km,
n15, +11/12/0, Near coast of central Chile

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

IDC 04 15:36:26.8-12.0, 18.84S, 167.97E, h0km, mb3.8/3,
mb1 4.0/4, mb1mx3.6/29, mbtmp3.8/4, ML3.5/1, Error
ellipse: s-maj=218.6km s-min=42.0km az=83.0, Vanuatu
Islands

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

IDC 04 15:36:25.3-2.7, 25.48N, 142.00E, h0km, mb3.7/8,
mb1 3.8/9, mb1mx3.6/41, mbtmp3.7/9, ML3.0/1, Error
ellipse: s-maj=114.2km s-min=20.3km az=78.0

ISCJB 04 15:36:28.0.2.0, 25.50N, 1.142.0E, 0.6, h33km, mb3.7/8,
Error ellipse: s-maj=82.9km s-min=142.0km az=169.4

ISC 04 15:36:30.7-2.3, 25.5N, 0.2, 141.9E, 0.7, h35km, n9,
+05/4/9, mb3.8/8, Volcano Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MJAR, SONM, WRA, etc.

MOS 04 15:40:12.3.0.8, 4.55S, 153.87E, h96km, mb4.6/19, Error
ellipse: s-maj=13.5km s-min=10.8km az=81.8

IDC 04 15:40:14.3-4.0, 4.63S, 153.90E, h77km, 34km, mb4.0/18,
mb1 4.1/18, mb1mx4.0/30, mbtmp4.3/18, MS3.5/1,
Ms1.3/11, ms1mx3.2/30, Error ellipse: s-maj=23.5km
s-min=12.3km az=84.0

BUI 04 15:40:15.9, 5.00S, 153.39E, h96km, mb4.9/23, mb4.9/12
ISCJB 04 15:40:16.2-0.4, 4.58S, 0.05, 153.79E, 0.08, h100km,
mb4.3/38, Error ellipse: s-maj=11.2km s-min=6.0km
az=20.7

NEIC 04 15:40:17.4-1.2, 4.56S, 153.79E, h99km, 9km, mb4.5/10,
Error ellipse: s-maj=12.6km s-min=6.5km az=92.0

ISC 04 15:40:17.5-0.5, 4.62S, 0.06, 153.82E, 0.08, h100km, n88,
+15/16/97, mb4.3/38, 1d-4D, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like RABL, PMG, COEN, etc.

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

ASAR Alice Springs 26.97 224 P P 15 45 49.4 -0.2

ASAR comp=2.0, 0.8m, 0.7s, baz=74, slow=7.2, SNR=4.8

ASAR comp=2.0, 0.7m, 1.0s, baz=47, slow=17, SNR=3.6

ASAR comp=2.0, 0.7m, 1.0s, baz=58, slow=39

STKA Stephens Creek 29.44 201 P P 15 46 11.4 -0.4

STKA comp=2.6, 2m, 0.8s, baz=6.7, slow=9.3, SNR=18

STKA comp=2.4, 2m, 1.8s, baz=20, slow=37

STKA Stephens Creek 29.44 201 eP P 15 46 11.6 -0.3

TAU Tasmania Unit 38.56 188 P P 15 47 32.3 +1.8

RPZ Rata Peaks 41.80 161 P P 15 47 54.1 -3.2

JNU Nakatsue 43.38 332 P P 15 48 09.0 -1.2

MJAR Matushiro Arr 43.47 342 P P 15 48 09.0 -1.9

MJAR comp=2.28m, 21.7s, baz=150, slow=32

MJAR Matushiro Arr 43.47 342 P P 15 48 09.0 -1.9

MJAR comp=2.2, 0.0m, 0.9s

MAT Korea Array 48.30 332 P P 15 48 09.9 -1.0

KSAR comp=2.1, 1.1m, 0.8s, baz=144, slow=6.5, SNR=3.9

NJ2 Wonju Array Be 48.31 332 P P 15 48 48.9 +0.1

NJ2 Nanjing 49.35 320 eP P 15 48 56.7 -0.2

CN2 Changchun 54.56 335 eP P 15 49 40.9 +5.6

PETK Petropavlovsk-57 61.3 P P 15 49 58.1 +1.2

PETK comp=2.1, 4m, 0.5s, baz=176, slow=8.3, SNR=6.2

PETK comp=2.1, 1.1m, 19.6s, baz=136, slow=34

PETK Petropavlovsk-57 61.3 P P 15 49 58.1 +1.2

comp=2.2, 0.0m, 0.5s

KMI Kunming 57.73 303 P P 15 49 59.9 +1.3

KMI comp=2.1, 1.8m, 0.6s

KMI comp=2.9, 0.0m, 5.1s

CM01 Chiang Mai Arr 58.69 295 eP P 15 50 05.2 +0.1

CMAR Chiang Mai Arr 58.72 295 P P 15 50 05.8 +0.5

CMAR comp=2.2, 2m, 1.0s, baz=115, slow=5.1, SNR=16

CMAR comp=2.0, 0.8m, 0.8s, baz=108, slow=4.3, SNR=3.2

CHTO Chiang Mai 58.83 295 P P 15 50 26.6 +0.3

CHTO comp=2.4, 0.0m, 2.7s

CD2 Chengdu 59.39 310 P P 15 50 10.2 +0.4

CD2 comp=2.7, 1m, 0.9s, baz=41, slow=14, SNR=2.0

CD2 comp=2.7, 1.1m, 0.9s, baz=41, slow=14, SNR=2.0

CD2 comp=2.7, 1.1m, 0.9s, baz=41, slow=14, SNR=2.0

CD2 comp=2.7, 1.1m, 0.9s, baz=41, slow=14, SNR=2.0

CD2 comp=2.7, 1.1m, 0.9s, baz=41, slow=14, SNR=2.0

CD2 comp=2.7, 1.1m, 0.9s, baz=41, slow=14, SNR=2.0

CD2 comp=2.7, 1.1m, 0.9s, baz=41, slow=14, SNR=2.0

CD2 comp=2.7, 1.1m, 0.9s, baz=41, slow=14, SNR=2.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GCAM G7zelcaml, LIA Limnos Island, AYDB Zeytinkoy-Aydi, etc.

CSEM 04 16:24:27.0±0.2, 43.02N, 18.75E, h1km, ML1.6, Error ellipse: s-maj=6.0km s-min=4.1km az=126.0, Suspected Mining Induced.

BEO 04 16:24:28.0±0.8, 43.01N, 18.70E, h14km, 1km, M1.6/6, SC-2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TREB Trebinje, PDG Podgorica, STON Ston, etc.

ISCJB 04 16:25:42.0±0.7, 50.12N, 0.04E, 18.34E, 0.04, h0km, Error ellipse: s-maj=5.8km s-min=3.7km az=179.6

IPEC 04 16:25:43.0±0.2, 50.04N, 18.47E, h1km, 2km, ML1.6/3, Error ellipse: s-maj=2.1km s-min=1.1km az=160.0

CSEM 04 16:25:43.0±0.5, 50.08N, 18.39E, h1km, ML2.0/7, Error ellipse: s-maj=6.8km s-min=4.8km az=172.0

VIE 04 16:25:46.0±0.6, 49.72N, 18.26E, h0km, m2, 1.3, Error ellipse: s-maj=3.7km s-min=1.6km az=107.0, Suspected Mining Induced.

PRU 04 16:25:46.1, 50.02N, 18.23E, h0km, Error ellipse: s-maj=6.0km s-min=4.1km az=126.0, Suspected Mining Induced.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAC Raciborz, OKC Ostrava-Krasne, MORC Moravsky Berou, etc.

Table with columns: BRG Berggiesshobel, KHC Kasperske Hory, KHC Kasperske Hory, MOA Mollin, MOA Mollin. Includes station names, coordinates, and time/res data.

MAN 04 16:35:51, 6.21N, 125.89E, h122km, mb4.3, ML3.2, MS3.0, IC-2D, Mindanao

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

IDC 04 16:36:48.3±1.0, 6.63S, 155.03E, h0km, mb3.9/11, mb1.4/1.13, mb1mx4.0/36, mbmp3.9/13, ML2.7/2, MS3.3/7, Ms1.3/3.7, ms1mx3.1/24, Error ellipse: s-maj=33.4km s-min=18.9km az=128.0

ISCJB 04 16:36:55.2±0.6, 6.74S, 0.09, 154.83E, 0.09, h56km, mb3.9/14, MS3.3/4, Error ellipse: s-maj=15.0km s-min=8.5km az=44.9

NEIC 04 16:36:57.3±2.8, 6.77S, 154.88E, h64km, 23km, mb4.1/2, Mont Dzumac, s-maj=24.4km s-min=14.5km az=100.0

ISC 04 16:36:56.5±0.7, 6.85S, 0.1, 154.9E, 0.1, h56km, n35, 0.853/30, mb3.9/14, MS3.2/4, Bougainville-Solomon Islands region

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

ISCJB 04 16:46:54.9±0.8, 51.46N, 0.04E, 16.13E, 0.04, h0km, Error ellipse: s-maj=5.7km s-min=3.1km az=8.3

CSEM 04 16:46:56.8±0.5, 51.44N, 0.10E, h2km, ML2.8/7, Error ellipse: s-maj=8.7km s-min=4.1km az=172.0

PRU 04 16:46:57.1, 51.41N, 16.13E, h0km, Error ellipse: s-maj=5.4km s-min=3.1km az=8.3

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

ISCJB 04 16:40:11.5±1.1, 33.97S, 0.10E, 135.68E, 0.09, h10km, Error ellipse: s-maj=16.0km s-min=7.2km az=33.8

AUST 04 16:40:12.6±0.4, 34.06S, 135.55E, h0km, Error ellipse: s-maj=4.8km s-min=2.7km az=57.0

IDC 04 16:40:16.1±4.8, 33.50S, 135.66E, h0km, mb1.3/9/4, mb1mx3.6/31, mbmp3.7/4, ML3.8/4, Error ellipse: s-maj=51.5km s-min=24.3km az=19.0

ISC 04 16:40:13.7±1.6, 33.89S, 0.1, 135.6E, 0.1, h10km, n16, 26.0/19, Near coast of South Australia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BBOO Bucklehole, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: ASAR, ASOS Alice Springs, WRKA Warrakurna, WRA Warramunga Arr, WRA Warrakurna, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi. Includes station names, coordinates, and time/res data.

DDA 04 16:42:55.6, 38.84N, 26.28E, h7km, Md2.8, ISCJB 04 16:42:56.2±0.6, 38.83N, 0.03E, 26.30E, 0.05, h10km, 5km, Error ellipse: s-maj=6.6km s-min=3.8km az=159.2

ISK 04 16:42:56.2, 38.83N, 26.33E, h14km, MD2.8, CSEM 04 16:42:56.6±0.2, 38.83N, 26.32E, h12km, MD2.8, Error ellipse: s-maj=5.6km s-min=3.2km az=58.0

ISC 04 16:42:56.1±1.2, 38.83N, 0.03E, 26.32E, 0.04, h10km, 11km, n35, 0.847/49, Aegean Sea

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

ISCJB 04 16:46:54.9±0.8, 51.46N, 0.04E, 16.13E, 0.04, h0km, Error ellipse: s-maj=5.7km s-min=3.1km az=8.3

CSEM 04 16:46:56.8±0.5, 51.44N, 0.10E, h2km, ML2.8/7, Error ellipse: s-maj=8.7km s-min=4.1km az=172.0

PRU 04 16:46:57.1, 51.41N, 16.13E, h0km, Error ellipse: s-maj=5.4km s-min=3.1km az=8.3

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

ISCJB 04 16:40:11.5±1.1, 33.97S, 0.10E, 135.68E, 0.09, h10km, Error ellipse: s-maj=16.0km s-min=7.2km az=33.8

AUST 04 16:40:12.6±0.4, 34.06S, 135.55E, h0km, Error ellipse: s-maj=4.8km s-min=2.7km az=57.0

IDC 04 16:40:16.1±4.8, 33.50S, 135.66E, h0km, mb1.3/9/4, mb1mx3.6/31, mbmp3.7/4, ML3.8/4, Error ellipse: s-maj=51.5km s-min=24.3km az=19.0

ISC 04 16:40:13.7±1.6, 33.89S, 0.1, 135.6E, 0.1, h10km, n16, 26.0/19, Near coast of South Australia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BBOO Bucklehole, STKA Stephens Creek, STKA Stephens Creek, etc.

KRSC 04 16:48:22.9.1.5, 50'01N:157'01E, h21km, 29km, ML3.9
MOS 04 16:48:22.8.2.0, 50'01N:157'00E, h21km, mb4.0/1, Error

ellipse: s-maj=40.0km s-min=8.2km az=81.7
ISC 04 16:48:23.1.4.2, 49'39N:02:156'52E:0.09, h51km, n22,
a=136/34, Kuril Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like SKR Severo-Kuril's, PAU Pauzhetka, ASAK Asacha, etc.

ISCJB 04 16:59:16.3.0.5, 6'27S:0'05:130'56E:0'09, h124km,
mb3.8/2, Error ellipse: s-maj=13.2km s-min=6.2km
az=170.6

ISC 04 16:59:16.3.2.7, 6'20S:130'44E, h12km, 35km, mb3.5/2,
mb1 3.9/6, mb1mx3.4/25, mbtmp4.1/6, Error ellipse:
s-maj=61.6km s-min=20.5km az=85.0

DJA 04 16:59:35.5.0.5, 5'S:4'13"E, h40km, 13km, M4.0/9,
mb4.3/1, MLV3.9/9

ISC 04 16:59:17.2.1.0, 6'22S:0'09:130'56E:0'08, h124km, n16,
a=139/14, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like BNDI Bandanaira, MSAI Masohi, KRAI Karang Ratu, etc.

ISCJB 04 17:05:40.6.1.0, 51'48N:0'04:16'09E:0'05, h0km, Error
ellipse: s-maj=9.6km s-min=4.1km az=24.8

CSEM 04 17:05:41.3.0.7, 51'50N:16'13E, h2km, ML2.8/7
PRU 04 17:05:42.3.1.5, 46N:16'17E, h0km
ISC 04 17:05:41.4.1.5, 51'51N:0'07:16'14E:0'04, h0km, n19,
a=052/40, Poland

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like KSP Ksiaz, UPC Upice, DPC Dobruska-Polom, etc.

comp=Z.2.7m,0.4s
KHC Kasperske Hory 2.89 216 Pn Pn 17 06 29.4 +0.7

ISC 04 17:18:09.4.0.6, 22'37N:0'09:143'0E:0'2, h250km,
mb3.4/14, Error ellipse: s-maj=19.9km s-min=12.6km
az=178.8

IDC 04 17:18:12.9.4.5, 22'40N:142'06E, h270km, 45km,
mb3.2/14, mb1 3.9/15, mb1mx3.2/31, mbtmp3.8/15, Error
ellipse: s-maj=19.7km s-min=10.6km az=90.0

ISC 04 17:18:10.9.0.8, 22'4N:0'1:143'0E:0'2, h250km, n16,
a=070/15, mb3.4/14, Volcano Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like MJAR Matsushiro Arr, KSRS Korus Array, ASAJ Asahikawa, etc.

CSEM 04 17:18:33.9.0.1, 46'32N:7'56E, h5km, ML1.8/5, Error
ellipse: s-maj=1.6km s-min=1.1km az=167.0

GEN 04 17:18:34.3.46.28N:7'55E, h10km, ML0.5
ZUR 04 17:18:34.0, 46'32N:7'56E, h3km, ML1.0/11, 10C-8D,
Switzerland

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like LKBD2 Leukerbad 2, LKBD1 Leukerbad 1, LKBD Leukerbad, etc.

ISCJB 04 17:23:42.2.10.0, 7'52S:127'59E, h147km, 118km,
mb3.0/2, mb1 3.2/5, mb1mx3.0/27, mbtmp3.6/5, ML3.8/3,
MS3.7/1, Ms1 3.7/1, ms1mx2.8/6, Error ellipse:
s-maj=145.8km s-min=21.5km az=85.0, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like SIJI Sorong, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 04 17:20:05.0.5.0, 43'60S:0'03:171'93E:0'04, h26km, 4km,
mb3.5/2, Error ellipse: s-maj=6.5km s-min=3.9km

WEL 04 17:20:05.0.1.0, 43'58S:171'88E, h5km, ML3.8/16, Error
ellipse: s-maj=1.1km s-min=0.9km az=90.0

WEL Fell in the Canterbury region, maximum reported intensity
ML 4.

IDC 04 17:20:05.4.11.0, 42'90S:171'85E, h0km, mb3.6/2,
mb1 3.8/2, mb1mx3.6/18, mbtmp3.6/2, Error ellipse:
s-maj=61.1km s-min=65.9km az=4.0

NEIC 04 17:20:06.6, 43'52S:171'91E, h12km, ML3.8(WEL), After
WEL.

NEIC Fell at Hororata.
ISC 04 17:20:05.2.1.0, 43'59S:0'03:171'88E:0'03, h14km, 7km,
mb0.0, 065/71, 3C-1D, South Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like OXZ Oxford, MOZ McQueen's Vall, MOZ McQueen's Vall, etc.

WVZ Waitaha Valley 0.98 301 P* Pg 17 20 24.1 0.0
WVZ Waitaha Valley 0.98 301 P* Pg 17 20 24.1 0.0

WVZ Waitaha Valley 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2
LBZ Lake Benmore 1.46 236 Pn Pn 17 20 24.1 +0.2

Table with columns: ANMO, NVAR, PDAR, TORD, BVAR, ZALV, MKAR. Includes station names like Albuquerque, Mina Array, Piedale Array, Tord Ar. Be, Borovoye Array, Zalesovo Beam, Makanchi Array with coordinates and parameters.

ATH 04 17:43:24.6, 38:72N-26:45E, h27km, 1km, MD3.2/8
DDA 04 17:43:24.6, 38:73N-26:45E, h7km, MD3.0
ISK 04 17:43:24.9, 38:75N-26:50E, h14km, MD3.0

ISCJB 04 17:43:24.6, 0.5, 38:75N-26:44E-0.03, h11km, 4km,
Error ellipse: s-maj=4.2km s-min=2.4km az=159.5
CSEM 04 17:43:25.3, 0.1, 38:71N-26:48E, h12km, MD3.0, Error
ellipse: s-maj=3.2km s-min=2.3km az=63.0

THE 04 17:43:25.1, 38:72N-26:51E, h6km, 2km, ML3.6/3, Error
ellipse: s-maj=2.5km s-min=0.6km az=262.0
ISC 04 17:43:25.3, 0.9, 38:73N-02:26:49E-0.02, h12km, 8km,
n110, 0:067/139, 14C-BD, Aegean Sea

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations including URLA, DKL, CHOS, ZEMIR, PRK, IZM, SGR, BOUS, SKDS, MEX, ZIIG, CAIG, ARIG, MEIG, PLIG, TLIG, YAIG, LIA, GONE, LPK, GELI, AYD, EDC, ERIK, RYK, ALN, KAV, ARG, HORT, RZN, AGG, NVR, GUR, DIM, KLV, KAT, MMB, KNT, JMB, GRV, GRG, ZSH, TIR, CFR, MFR, VOIR, MDVR, PLO, PLOR.

Table with columns: GZR, DOPR, BZS, TESR, BURAR. Includes station names like Gura Zlata, Dopca, Buzias, Tescani, Bucovina Array with coordinates and parameters.

IDC 04 17:50:21.9, 5.1, 21:33S-170:07E, h152km, 32km, mb3.1/4,
mb1 3.4/5, mb1mx3.2/27, mbtmp3.6/5, Error ellipse:
s-maj=69.7km s-min=37.0km az=143.0
ISC 04 17:50:21.2, 2.1, 21:3S-05:170E-0.3, h150km, n14,
0:056/15, mb3.3/4, 1C-1D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like DZM, WRA, ASAR, MJAR, CMAR, FINES, DPC, PVCC, BRG, KHC, GERES, ABTA, FETA.

ISC 04 18:00:22.4, 1.3, 44:30N-0:03:15, h10E-0:05, h3km, 25km,
n5, 0:049/10, Northwest Balkan Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like NVLJ, UDBI, BOUS, BOUS, VISS, SKDS.

MEX 04 18:01:54.2, 0.5, 17:41N-101:01W, h9km, 5km, MD3.7,
Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like ZIIG, CAIG, ARIG, MEIG, PLIG, TLIG, YAIG.

ISCJB 04 18:16:24.2, 1.5, 36:67N-0:06:14, 1:00E-0:08, h27km, 7km,
mb3.0/3, Error ellipse: s-maj=12.3km s-min=8.1km
az=36.3

JMA 04 18:16:26.1, 0.1, 36:68N-141:43E, h51km, 2km, M3.4
IDC 04 18:16:26.0, 0.7, 36:68N-141:1:00E-0:08, h34km, 4km, mb3.0/3,
mb1 3.2/4, mb1mx3.0/31, mbtmp3.2/4, ML3.1/1, Error
ellipse: s-maj=11.3km s-min=7.1km az=1.0

ISC 04 18:16:26.0, 1.2, 36:71N-0:06:14, 1:54E-0:08, h31km, 7km,
n22, 0:13/25, mb3.2/3, 4D, Near east coast of eastern
Honshu

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations including ONAJ, JHO, JFK, JFT, JMF, JAG, JIO, JOU, JKT, JYS, MJAR, MAT, MAT, H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, ZALV, MKAR, MKAR, WRA, WRA, ISCJB, NEIC, GCMT.

Moment Tensor Solution. s52c67: s107c172:
Duration: 0 Moment Tensor: Scale 1016Nm; Mw=5.45; 10;
Ms=1.14; 11; Mo=0.66; 3s; Mw=2.08; 08;
Mw=0.23; 31; Best double couple: Ms=45300x10^16
NP1:0.147, 0.00000, 0.46, 0.00000, -1, -100, 0.00000. NP2:
0.341, 0.00000, 0.45, 0.00000, -1, -80, 0.00000. Principal axes:
t=5.31, Plg0.0000, Azm244.0000; N 0.2240,
Plg7.0000, Azm154.0000; P -5.5650, Plg83.0000;
Azm38.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

ISC 04 18:17:36.9, 0.6, 44:45S-0:1:15W, n10, h10km, n40,
0:096/19, mb4.5/13, MS4.5/20, 1C, Southern Mid-Atlantic
Ridge

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists numerous stations including SNAH, H10S2, H10S3, H10S1, BOSA, SYO, CPUP, CPUP, BDFB, PLCA, PLCA, MATP, MAW, MAW, LSZ, LSZ, SIV, LIC, KIC, TIC, DBIC, LPAZ, LPAZ, OPO, VYDA, VYDA, TORD, TORD, MBAR, KMB, TAMB, ROSC, KEST, H08S1, H08S2, H08S3, ESDC, RKT, BRTR, GERES, TBI, PPT2, MKAR, YKA, SONM, ILAR.

RSNC 04 18:28:42.8, 0.9, 2:24N-74:28W, h2km, 7km, ML2.5,
Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like SJAC, SJAC, SJAC, PRAC, PRAC, PRAC, GUVV, VILV, VILV, CHIC, CHIC, CHIC.

IDC 04 18:28:44.2, 2.3, 4:85S: 151:12E, h119km, 15km, mb3.6/6,
mb1 3.8/7, mb1mx3.4/29, mbtmp4.0/7, Error ellipse:
s-maj=62.3km s-min=44.0km az=125.0
ISCJB 04 18:28:47.0, 1.1, 5:05S-151:05E-0.3, h155km, mb3.7/6,
Error ellipse: s-maj=56.0km s-min=10.8km az=36.5
ISC 04 18:28:48.5, 1.1, 4:95S-0:3:1510E-0.3, h155km, n8,
0:232/13, mb3.7/6, New Britain region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Lists stations like PMG, WRA, WRA, WRA, ASAR, ASAR, ASAR, FITZ, ZALV.

4d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FHRB Fair Harbour, EDB Eliza Dome, TLBC Telegraph Cove, etc.

ISC 04 20:22:47.0.2.1, 5.57S, 131.37E, h0km, mb3.2/1, mb1 3.4/5, mb1mx3.2/31, mbtmp3.3/5, ML3.1/4, Error ellipse: s-maj=96.8km s-min=24.9km az=84.0, Banda Sea

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

ISCJCB 04 20:24:32.9.0.7, 6.84N, 0.04x73.09W, 0.05, h161km, 27km, Error ellipse: s-maj=9.7km s-min=4.4km az=33.8

2011 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RUSC, CAPV Capacho, OCAP Ocana, etc.

ISCJCB 04 20:57:16.5.0.9, 51.50N, 0.04x16.18E, 0.04, h0km, Error ellipse: s-maj=6.1km s-min=3.4km az=13.4

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

ISC 04 21:14:39.5.2.4, 20.55S, 0.4x168.4E, 0.4, h27km, n8, 1973.9, mb3.7/6, MS3.0/3, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MORC Moravsky Berou, OKK Ostrava-Krasne, etc.

ISCJCB 04 21:04:31.1.1.4, 32.78S, 0.05x71.75W, 0.08, h7km, 7km, Error ellipse: s-maj=12.3km s-min=6.9km az=151.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ROCI El Roble, RCDM Rinconada Maip, etc.

ISC 04 21:22:24.0.0.2, 6.26N, 0.04x73.09W, 0.05, h161km, 27km, Error ellipse: s-maj=9.7km s-min=4.4km az=33.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AAGR Agrelo, AVIZ Vizcacheras, etc.

ISC 04 21:12:33.0.1.0, 34.60S, 71.70W, h0km, mb3.8/5, Mb1 3.9/7, mb1mx3.8/30, mbtmp3.7/7, ML2.0/2, MS3.5/3, MS1 3.5/3, ms1mx3.0/22, Error ellipse: s-maj=44.4km s-min=18.6km az=79.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHPI Pichilemu, NICH Los Niches, LNV Longovilo, etc.

ISC 04 21:12:33.4.1.2, 34.55S, 0.05x71.91W, 0.05, h161km, 27km, Error ellipse: s-maj=9.7km s-min=4.4km az=33.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLCA Paso Flores, PLCA La Paz, GSPA South Pole Qui, etc.

ISC 04 21:14:39.5.2.4, 20.55S, 0.4x168.4E, 0.4, h27km, n8, 1973.9, mb3.7/6, MS3.0/3, Loyalty Islands

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

NIED 04 21:22:00.27.10N, 143.50E, h5km, Mw4.0 Best double couple: Mb1, 13000x1015 NP1, 116.00000, 845.00000, 2.116.00000, NP2, 330.00000, 850.00000, 2.167.00000

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

ISC 04 21:22:24.0.0.2, 6.26N, 0.04x73.09W, 0.05, h161km, 27km, Error ellipse: s-maj=9.7km s-min=4.4km az=33.8

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

ISC 04 21:22:24.0.0.2, 6.26N, 0.04x73.09W, 0.05, h161km, 27km, Error ellipse: s-maj=9.7km s-min=4.4km az=33.8

ISC 04 21:46:44.0, 9.4117N, 0102:23:34E, h0km, mb3.4/2, n46, c054/78, Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Serrai, Kendrikon, Sokhos, Neurokopi, Valandovo.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HORT, THE, GRG, PLG, KAVA, OUR, PAIG, BARS, SELS, BOLS, GRUS, KUBS, DIVS.

ISC 04 21:47:15.0, 5.0, 26:75N, 143:57E, h0km, mb3.4/2, mb1 3.7/4, mb1mx3.4/29, mbmp3.5/4, ML3.4/7, Error ellipse: s-maj=193.1km s-min=26.7km az=77.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ, JHU, JRY, MJAR, MAT, USRK, WRA, MKAR.

ISC/CB 04 22:11:30.0, 0.9, 30:12N, 0105:51:7E, h0km, Error ellipse: s-maj=15.2km s-min=5.9km az=165.7

CSEM 04 22:11:30.5, 0.5, 30:16N, 51:7E, h2km, ML3.0, Ms3.6, Error ellipse: s-maj=18.4km s-min=7.2km az=77.0

TEH 04 22:11:31.4, 0.1, 30:17N, 51:7E, h7km, ML3.0, DSN 04 22:11:33.6, 0.1, 30:29N, 52:39E, h10km, mb3.0/5, Ms3.6/3, Error ellipse: s-maj=9.1km s-min=3.4km az=41.0

ISC 04 22:11:30.2, 1.4, 30:13N, 0105:51:7E, 0.1, h10km, n28, c0130/30, 8C-7D, Northern and central Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IKAZ, IPAR, ISRV, HELC, IRAM, IGAR.

Table with columns: IPIR, IMEH, IZEF, ICHK, IKLH, IBAF, BANOM, NAZ, ASUD, ASHO, SUJI, FITZ, WRA, ASAR, MKAR. Includes station names and coordinates.

ISC 04 22:15:57.6, 1.5, 3:35S, 130:79E, h0km, mb3.2/2, mb1 3.5/5, mb1mx3.4/31, mbmp3.3/5, ML3.2/3, Error ellipse: s-maj=64.9km s-min=22.4km az=86.0

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

KRSC 04 22:16:49.4, 1.2, 51:03N, 156:39E, h53km, 21km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PAU, ASAK, RUS, SKR, PET, APC, UGLR, AMV, SDLR, SPN, KRX, MKZ.

DHMR 04 22:17:15.0, 1.0, 12:02N, 44:12E, h14km, 9km, ML3.5, Western Arabian Peninsula

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

RSNC 04 22:18:49.0, 0.9, 6:82N, 73:07W, h147km, 7km, ML2.1, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARC, RUSC, GRMC, OCAC, YOPC, NORC, HELC, DBBC, PRAC, SJAC.

PRU 04 22:31:53.1, 50:09N, 18:41E, h0km, Poland

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

ISC 04 22:33:10.6, 2.4, 7:80S, 68:57E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.3/42, mbmp3.6/3, Ms3.3/5, Ms1 3.3/5, ms1mx2.9/46, Error ellipse: s-maj=59.6km s-min=35.6km az=43.0, Chagos Archipelago region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1, H08S1, H08S3, H08S2, PALK, OPO, KMBO, CMAR, BOSA, MKAR, ASAR, WRA.

CSEM 04 22:41:09.0, 40:86N, 24:23E, h14km, MD3.1, ATH 04 22:41:09.0, 40:86N, 24:23E, h14km, MD3.1/7, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAVA, KAVA, KAVA, OUR, OUR, NVR, SOH, SOH, SOH, HORT, HORT, KNT, KNT, SMTH, SMTH.

DHMR 04 22:49:30.9, 1.6, 12:02N, 44:04E, h16km, 19km, ML4.0, ISC 04 22:49:31.3, 1.4, 12:00N, 0108:44:15E, 0.08, h4km, n6, c0123/12, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ADEN, UDYU, BDHA, DHBB, HAJJ, FURI.

NSSC 04 22:54:39.4, 1.4, 36:28N, 41:17E, h88km, 13km, ML1.8, CSEM 04 22:54:41.5, 0.5, 36:37N, 41:23E, h5km, ML1.8, Error ellipse: s-maj=11.5km s-min=7.3km az=140.0

DDA 04 22:54:47.2, 36:74N, 41:53E, h6km, Md2.9, ISC 04 22:54:41.6, 1.3, 36:39N, 0104:41:23E, 0.04, h4km, 15km, n14, c058/23, Iraq

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MZRK, MZRK, KBSD, KBSD, KBSD, SFNV, SFNV, SFNV, SIRR, SIRR, BTM, BTM, MNKR, MNKR, HAKT, HAKT, HAKT.

ISC/CB 04 22:55:38.0, 0.4, 4:35S, 0105:152:27E, 0.06, h153km, mb4, 6/60, Error ellipse: s-maj=9.2km s-min=5.7km az=29.2

MOS 04 22:55:39.8, 1.1, 4:36S, 152:14E, h170km, mb4.5/19, Error ellipse: s-maj=15.4km s-min=10.5km az=74.2

ISC 04 22:55:40.9, 0.7, 4:39S, 152:09E, h169km, 6km, mb4.2/24, mb1 4.2/26, mb1mx4.3/40, mbmp4.7/26, Ms3.3/1, Ms1 3.3/1, ms1mx2.7/31, Error ellipse: s-maj=12.2km s-min=7.9km az=113.0

NEIC 04 22:55:40.5, 1.4, 4:33S, 152:11E, h166km, 13km, mb4.8/7, Error ellipse: s-maj=9.3km s-min=7.8km az=73.0

DJA 04 22:55:45.0, 2.6, 5.2, 10:15, h209km, 13km, M4, 9/19, mb4.7/19, mb5.3/19, MLV5.1/1, Mw(mb)4.7/9

ISC 04 22:55:39.3, 0.5, 4:36S, 0107:152:23E, 0.09, h153km, n101, c0150/108, mb4.6/59, 4C-2D, New Britain region

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Ala-Archa, AAK, USP, EGAK, etc.

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

DHMR 04 22:56:27.41.6, 11°37'N, 44°08'E, h16km, 179km, M.L3.5, Western Gulf of Aden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other technical details for the DHMR station.

4d 22h

Table with columns for station name, frequency, polarization, and other parameters. Includes stations like ZAAO, ZALV, NVA, GSA, etc.

2011 JAN

Table with columns for station name, frequency, polarization, and other parameters. Includes stations like BRG, ABTA, CLL, etc.

182

Table with columns for station name, frequency, polarization, and other parameters. Includes stations like LCO, VACH, VACH, etc.

TIGA	baz=166 Tifton comp=Z,43nm,1.0s	61.65 347 eP	P	23 09 15.3 -0.2
035A	Encino baz=152	62.02 331 P	P	23 09 20.2 +2.1
034A	Herronville baz=151,SNR=6.2	62.38 331 P	P	23 09 22.1 +1.6
NHSC	New Hope comp=Z,51nm,1.1s	62.68 350 eP	P	23 09 22.9 +0.7
934A	Benavides baz=152	62.78 331 P	P	23 09 25.0 +1.9
737A	Port Lavaca baz=154	62.97 334 P	P	23 09 26.0 +1.7
835A	Beeville baz=152	63.09 332 P	P	23 09 26.8 +1.7
933A	Laredo baz=151,SNR=7.8	63.11 331 P	P	23 09 26.2 +0.9
834A	Tilden baz=152,SNR=11	63.25 332 P	P	23 09 27.9 +1.7
540A	Vidor baz=156	63.37 337 P	P	23 09 28.5 +1.6
736A	Circle Diamond baz=153,SNR=14	63.38 333 P	P	23 09 28.7 +1.7
637A	Eagle Lake baz=154	63.53 334 P	P	23 09 29.8 +1.8
539A	Cross D Ranch, baz=153,SNR=11	63.54 336 P	P	23 09 30.0 +2.0
GOGA	Godfrey GOGA	63.54 347 P	pmx	23 09 27.2 -0.7
GOGA	Godfrey comp=Z,57nm,1.6s	63.54 347 eP	P	23 09 27.3 -0.7
735A	Kenedy baz=152	63.59 333 P	P	23 09 29.7 +1.3
833A	Chaparral WMA, baz=151,SNR=16	63.78 331 P	P	23 09 31.1 +1.4
HKT	Hockley HKT	63.80 335 P	pmx	23 09 30.6 +1.0
HKT	Hockley comp=Z,53nm,1.4s	63.80 335 eP	P	23 09 30.7 +1.0
636A	Smothers Creek baz=153,SNR=8.6	63.85 334 P	P	23 09 31.6 +1.6
440A	Kirbyville baz=156	63.85 337 P	P	23 09 31.4 +1.3
734A	La Parita Cree baz=152	63.89 332 P	P	23 09 31.7 +1.3
538A	Harpers Horsep baz=155	63.92 335 P	P	23 09 31.6 +1.1
LRAL	Lakeview Retre comp=Z,26nm,1.1s	63.95 344 eP	P	23 09 30.0 -0.7
832A	Faith Ranch, C baz=150,SNR=19	63.99 330 P	P	23 09 32.2 +1.2
635A	Leesville baz=153	64.05 333 P	P	23 09 32.1 +0.7
733A	Divot King Ran baz=151,SNR=7.7	64.08 331 P	P	23 09 32.3 +0.7
537A	Green Hill Far baz=152	64.10 334 P	P	23 09 32.8 +1.1
VBMS	Vicksburg baz=160	64.12 340 P	P	23 09 32.9 +1.1
439A	Center Grove, baz=156	64.18 336 P	P	23 09 33.4 +1.2
634A	China Grove, S baz=152	64.27 332 P	P	23 09 33.6 +0.7
732A	Laxson Ranch, baz=151,SNR=14	64.38 331 P	P	23 09 34.6 +1.1
536A	Bastrop baz=153	64.38 334 P	P	23 09 34.3 +0.7
438A	Sam Houston St baz=155,SNR=6.1	64.39 336 P	P	23 09 34.9 +1.3
340A	Bronson baz=156,SNR=5.5	64.44 337 P	P	23 09 34.6 +0.7
535A	Dale baz=153	64.54 333 P	P	23 09 35.5 +1.0
339A	Huntington baz=152,SNR=15	64.59 337 P	P	23 09 35.9 +1.0
633A	Saathoff Ranch baz=152,SNR=15	64.68 332 P	P	23 09 36.5 +0.9
437A	Phantom Ranch, baz=153	64.70 335 P	P	23 09 36.5 +0.9
KMSC	Kings Mountain baz=169	64.85 350 P	P	23 09 36.8 +0.3
KMSC	Kings Mountain KMSC	64.85 350 eP	esP	23 09 36.2 -0.3
336A	Crockett baz=155	64.88 336 P	P	23 10 22.9 +0.7
534A	Blanco baz=152,SNR=7.6	64.89 333 P	P	23 09 38.1 +1.3
436A	Wall Ranch, Ga baz=154	64.90 334 P	P	23 09 37.8 +0.9
632A	Uvalde baz=151,SNR=26	64.98 331 P	P	23 09 38.6 +1.2
NATX	Nacogdoches baz=153	65.02 337 P	P	23 09 39.1 +1.5
NATX	Nacogdoches comp=Z,36nm,0.8s	65.02 337 eP	P	23 09 39.2 +1.5
337A	Centerville baz=155	65.05 335 P	P	23 09 39.4 +1.5
533A	Kerrville baz=152,SNR=14	65.16 332 P	P	23 09 39.7 +1.0
239A	Gary baz=156	65.19 337 P	P	23 09 39.7 +1.0
435B	Jarrell baz=153	65.21 334 P	P	23 09 39.9 +1.0
SLBS	Sierra La Lagu comp=Z,35nm,1.1s	65.21 319 eP	P	23 09 41.4 +2.2
631A	Perdido Creek baz=150,SNR=20	65.23 331 P	P	23 09 39.9 +0.8
238A	Jacksonville baz=156	65.40 336 P	P	23 09 41.1 +1.0
336A	Riesel baz=154,SNR=8.9	65.47 335 P	P	23 09 41.6 +1.0
434A	Durnet baz=152,SNR=18	65.51 333 P	P	23 09 41.4 +0.6
532A	Rocksprings baz=151,SNR=34	65.57 331 P	P	23 09 42.6 +1.2
335A	Moodys Spring baz=153	65.60 334 P	P	23 09 42.4 +1.0
237A	Washetta, Mont baz=155	65.64 336 P	P	23 09 42.5 +0.9
139A	Bunkhouse Ranc baz=156	65.77 337 P	P	23 09 43.5 +1.0
TKL	Tukaleechee C comp=Z,35nm,1.1s	65.78 348 eP	P	23 09 41.9 -0.6
433A	Art baz=152,SNR=6.4	65.78 332 P	P	23 09 43.3 +0.7
SWET	Sewanee comp=Z,43nm,0.8s	65.79 346 eP	P	23 09 42.3 -0.3
JCT	Junction City baz=151,SNR=22	65.83 332 P	P	23 09 44.2 +1.1
JCT	Junction City comp=Z,48nm,0.6s	65.83 332 eP	P	23 09 44.0 +1.0
531A	Rocksprings baz=150,SNR=26	65.87 331 P	P	23 09 44.5 +1.3
236A	Katherine and baz=154	65.90 335 P	P	23 09 44.5 +1.1
334A	Lometa baz=153,SNR=17	65.95 333 P	P	23 09 44.3 +0.6
OXF	Oxford comp=Z,55nm,1.0s	65.97 342 P	pmx	23 09 43.4 -0.3
OXF	Oxford comp=Z,55nm,0.9s	65.97 342 eP	P	23 09 43.4 -0.3
138A	Mattatal Enter, baz=156	65.99 337 P	P	23 09 45.1 +1.2
137A	Heron Place, G baz=155,SNR=6.6	66.16 336 P	P	23 09 46.4 +1.4
432A	Menard baz=151,SNR=11	66.18 332 P	P	23 09 45.7 +0.5
530A	J-C Ranch, Com baz=150,SNR=29	66.20 330 P	P	23 09 46.6 +1.3
Z39A	Irene McRaven, baz=156	66.21 338 P	P	23 09 46.7 +1.4
WHTX	Lake Whitney, baz=153,SNR=9.4	66.24 334 P	P	23 09 46.0 +0.5
WHTX	Lake Whitney, comp=Z,27nm,0.8s	66.24 334 eP	P	23 09 46.2 +0.7
333A	Richard Spring baz=152,SNR=32	66.24 333 P	P	23 09 46.1 +0.6
136A	Ennis baz=154	66.33 335 P	P	23 09 46.8 +0.8
431A	Sonora baz=150,SNR=16	66.35 331 P	P	23 09 46.7 +0.4
Z38A	Mt. Pleasant baz=156	66.49 337 P	P	23 09 47.9 +0.9
234A	Clairette baz=153,SNR=16	66.51 334 P	P	23 09 47.9 +0.6

LTX	Lajitas 66.55 328 eP	P	23 09 48.6 +0.9
LTX	Lajitas 66.55 328 eSP	esP	23 10 33.8 +0.4
TX31	Lajitas Ar. Si Lajitas Array	66.55 328 eP	23 09 48.5 +0.9
TXAR	comp=Z,2.8nm,0.6s,baz=153,slow=8.8,SNR=47	66.55 328 sP	23 09 48.6 +0.9
TXAR	comp=Z,6.2nm,0.8s,baz=165,slow=10,SNR=6.8	66.55 328 sP	23 10 33.8 +0.3
332A	Millersville baz=151,SNR=29	66.60 332 P	23 09 48.5 +0.7
Z37A	Pogue Cattle C baz=152	66.66 337 P	23 09 48.8 +0.6
VWCV	Virginia Weste 135A	66.72 351 eP	23 09 48.5 +0.1
135A	Vickery Place, baz=154	66.73 335 P	23 09 49.4 +0.7
331A	San Angelo baz=151,SNR=16	66.82 332 P	23 09 49.7 +0.4
Y39A	Lockesburg baz=157	66.82 338 P	23 09 49.9 +0.8
Z33A	Rising Star baz=152,SNR=13	66.82 333 P	23 09 49.7 +0.4
JSRW	J. Sargeant R 134A	66.91 353 eP	23 09 50.5 +0.9
134A	White-Moore Ra baz=153,SNR=12	67.00 334 P	23 09 50.9 +0.6
Coleman	Coleman baz=152,SNR=39	67.00 333 P	23 09 50.9 +0.4
Z36A	Blue Ridge baz=155,SNR=13	67.01 336 P	23 09 50.6 +0.3
Y38A	Idabel baz=156	67.02 338 P	23 09 51.1 +0.7
WVT	Waverly comp=Z,239nm,1.7s	67.10 344 eP	23 09 50.4 -0.5
MIAR	Mount Ida baz=157,SNR=13	67.21 339 P	23 09 51.8 +0.2
MIAR	Mount Ida comp=Z,69nm,1.4s	67.21 339 eP	23 09 51.8 +0.2
330A	Mertzon baz=150,SNR=11	67.22 331 P	23 09 52.4 +0.6
Z31A	Grant baz=151,SNR=18	67.32 332 P	23 09 52.7 +0.3
133A	Hamilton Ranch baz=152,SNR=8.2	67.35 334 P	23 09 53.2 +0.6
Z35A	Perawan San baz=154,SNR=9.6	67.36 335 P	23 09 53.2 +0.6
Y37A	Hugo baz=155,SNR=6.2	67.37 337 P	23 09 53.6 +1.0
GNAR	Ganess Y36A	67.50 342 eP	23 09 54.2 +0.8
Y36A	Durant baz=155	67.53 336 P	23 09 54.3 +0.6
Z30A	Sterling City baz=150,SNR=12	67.61 331 P	23 09 54.9 +0.7
Z34A	Collier Ranch, baz=153,SNR=7.5	67.64 335 P	23 09 54.9 +0.5
ABTX	Abilene, Hawle baz=152,SNR=12	67.65 333 P	23 09 55.0 +0.6
ABTX	Abilene, Hawle comp=Z,29nm,1.0s	67.65 333 eP	23 09 55.1 +0.6
X38A	Whitesboro baz=156,SNR=10	67.73 338 P	23 09 55.4 +0.5
Y35A	Marietta baz=152,SNR=7.5	67.80 336 P	23 09 56.1 +0.8
X37A	Clayton baz=156,SNR=10	67.84 337 P	23 09 56.3 +0.8
Z33A	Whitaker Ranch baz=153,SNR=27	67.89 332 P	23 09 56.8 +0.9
131A	Roly baz=151,SNR=16	67.99 332 P	23 09 57.3 +0.7
W38A	Poteau baz=156,SNR=8.2	68.00 338 P	23 09 57.1 +0.5
Y34A	Reagan Ranch, baz=154,SNR=9.6	68.11 335 P	23 09 57.8 +0.5
X36A	Centrahoma baz=155,SNR=15	68.16 337 P	23 09 57.2 -0.3
130A	Snyder baz=151	68.16 332 P	23 09 58.1 +0.4
Z32A	Haskell baz=152,SNR=21	68.19 333 P	23 09 58.3 +0.5
X35A	Drake baz=154,SNR=6.3	68.22 336 P	23 09 58.0 0.0
Z31A	Sharp Cattle R baz=151,SNR=26	68.46 333 P	23 10 00.1 +0.6
Y33A	Hilltop Ranch, baz=153,SNR=11	68.48 334 P	23 09 59.7 +0.1
W36A	Wetumka baz=155,SNR=9.4	68.63 337 P	23 09 59.9 -0.6
X38A	Canehill baz=157,SNR=20	68.69 339 P	23 10 00.9 0.0
X34A	Sm Ranch, T baz=154,SNR=10	68.71 335 P	23 10 01.5 +0.5
WCI	Wyandotte Cae WCI	68.77 346 P	23 10 00.3 -1.0
WCI	Wyandotte Cave comp=Z,66nm,1.6s	68.77 346 eP	23 10 00.3 -1.0
Y32A	R-V Farms, Ver baz=152,SNR=6.3	68.79 334 P	23 10 02.3 +0.7
Z30A	Sanderson Ran baz=151,SNR=16	68.83 332 P	23 10 02.1 +0.3
W35A	Tecumseh baz=154	68.87 336 P	23 10 01.9 -0.1
X33A	Lawton baz=153	68.91 335 P	23 10 02.4 +0.1
V37A	Hulbert baz=156,SNR=12	68.94 338 P	23 10 02.6 +0.2
MVL	Millersville comp=Z,41nm,1.0s	69.05 355 eP	23 10 03.5 +0.6
Y31A	Rekiela Farm, baz=151,SNR=7.2	69.07 333 P	23 10 03.6 +0.6
MCWV	Mont Chateau comp=Z,44nm,1.6s	69.07 352 eP	23 10 03.8 +0.6
X32A	Elm baz=152	69.09 334 P	23 10 03.7 +0.3
V36A	Jenks baz=155,SNR=15	69.12 337 P	23 10 03.5 0.0
TUL1	Leonard baz=156,SNR=8.0	69.18 338 P	23 10 03.7 -0.2
TUL1	Leonard comp=Z,55nm,1.0s	69.18 338 eP	23 10 04.0 +0.2
WMOK	Wichita Mounta comp=Z,38nm,1.5s	69.19 335 eP	23 10 03.7 -0.3
U38A	Gravette baz=157,SNR=13	69.21 339 P	23 10 03.8 -0.2
VNDA	Vanda comp=Z,2.7nm,0.8s,baz=131,slow=5.4,SNR=9.9	69.24 191 P	23 10 04.5 +0.7
VNDA	Vanda comp=Z,2.7nm,0.8s,baz=131,slow=5.4,SNR=9.9	69.24 191 eP	23 10 04.5 +0.7
Y30A	Stafford Catt baz=151	69.25 333 P	23 10 04.0 -0.4
W34A	Brie Creek, baz=154	69.26 336 P	23 10 04.5 +0.1
W34A	Bridge Creek, comp=Z,32nm,1.1s	69.26 336 eP	23 10 05.0 +0.6
T40A	Mansfield baz=152	69.30 341 P	23 10 04.7 0.0
MNTX	Cornudas Mount baz=147,SNR=9.2	69.33 328 P	23 10 05.0 +0.1
MNTX	Cornudas Mount comp=Z,51nm,0.8s	69.33 328 eP	23 10 04.9 0.0
V35A	Meyer Ranch, C baz=155,SNR=10	69.40 337 P	23 10 05.2 -0.1
U37A	Salina baz=156,SNR=15	69.41 338 P	23 10 05.2 -0.1
W33A	Caddo, Fort Co baz=153,SNR=9.6	69.44 335 P	23 10 05.6 +0.1
O56A	Blue Knob Stat baz=154	69.53 353 P	23 10 07.0 +1.0
X31A	McDonald Ranch baz=152,SNR=12	69.55 334 P	23 10 06.4 +0.2
U36A	Oologah baz=156	69.60 338 P	23 10 06.5 +0.1
SYO	Snow Base W32A	69.68 159I eP	23 10 04.8 -1.8
W32A	Sentinel baz=152,SNR=19	69.70 335 P	23 10 07.5 +0.4
V34A	Guthrie baz=154,SNR=7		

ANMO	Albuquerque	72.54 329	eP	P	23 10 25.8 +1.4
P35A	Duane Minner,	72.55 339	P	P	23 10 24.3 +0.1
O37A	Wolven Farm, M	72.57 341	P	P	23 10 24.4 +0.1
S29A	Ulysses	72.61 334	P	P	23 10 25.6 +1.0
R31A	Burdett	72.61 336	P	P	23 10 25.3 +0.6
Q33A	Connelly Farm,	72.66 337	P	P	23 10 25.9 +1.0
O36A	Bolkow	72.78 340	P	P	23 10 25.2 -0.3
P34A	Walnut Farm, R	72.83 338	P	P	23 10 26.3 +0.4
R30A	Dighton	72.88 335	P	P	23 10 27.0 +0.7
S28A	Manter	72.88 334	P	P	23 10 27.0 +0.7
N38A	Joess South For	72.89 342	P	P	23 10 26.5 +0.3
Q32A	Mettler Ranch,	72.90 337	P	P	23 10 26.3 0.0
PPT2	Papeete2	72.97 259	eS	SKIPP	23 19 55.1 +7.9
P33A	Williams Farm,	73.01 338	P	P	23 10 27.5 +0.5
N37A	Lee Faris, Mou	73.14 341	P	P	23 10 27.7 +0.1
CBKS	Cedar Bluff	73.16 336	P	P	23 10 28.5 +0.6
O35A	Humboldt	73.19 339	P	P	23 10 27.8 -0.2
Q31A	Ellis	73.20 336	P	P	23 10 29.2 +1.1
214A	Organ Pipe Nat	73.24 323	P	P	23 10 29.7 +1.3
R29A	Marienthal	73.32 335	P	P	23 10 28.7 -0.2
O34A	Beatrice	73.36 339	P	P	23 10 29.3 +0.3
N36A	Muff Farm, Cla	73.41 340	P	P	23 10 29.4 +0.2
M38A	Pleasantville	73.47 342	P	P	23 10 29.4 -0.2
Q30A	Quinter	73.47 336	P	P	23 10 30.6 +0.9
P32A	Hutting Farm,	73.48 337	P	P	23 10 30.2 +0.5
T25A	Trinidad	73.50 332	eP	P	23 10 31.1 +1.0
T25A	Trinidad	73.50 332	eP	sP	23 10 31.6 +1.5
R28A	Tribune	73.51 334	P	P	23 10 30.5 +0.6
O33A	Hebron	73.55 338	P	P	23 10 30.4 +0.3
N35A	Tabor	73.66 340	P	P	23 10 30.7 +0.1
P31A	Stockton	73.66 337	P	P	23 10 31.0 +0.3
Q29A	Oakley	73.67 335	P	P	23 10 31.1 +0.2
M37A	Trindle Farm,	73.69 341	P	P	23 10 30.9 +0.1
X18A	Snowflake	73.83 326	eP	P	23 10 34.1 +2.0
N34A	Lincoln	73.90 339	P	P	23 10 31.8 -0.3
O32A	Brockman Farm,	73.95 338	P	P	23 10 32.7 +0.3
M36A	Felix, Anita	73.95 341	P	P	23 10 32.2 -0.2
P30A	Selden	73.99 336	P	P	23 10 33.5 +0.9
SADO	Sadowa	74.04 353	eS	sP	23 11 20.5 +1.4
L38A	Oak Wood Farm,	74.08 342	P	P	23 10 32.9 -0.2
N33A	J Bar K, Exete	74.11 338	P	P	23 10 33.9 +0.6
JFWS	Jewell Farm	74.12 344	eP	P	23 10 33.3 0.0
Q28A	Sharon Springs	74.14 335	P	P	23 10 34.5 +0.8
W18A	Petrified Fore	74.20 327	P	P	23 10 35.1 +0.9
O31A	Woolen Ranch,	74.20 337	P	P	23 10 34.3 +0.4
M35A	Neola	74.23 340	P	P	23 10 33.8 -0.2
L37A	Phoenix Point,	74.28 342	P	P	23 10 34.1 -0.2
P29A	Atwood	74.28 335	P	P	23 10 35.0 +0.6
KSCO	Kaye Shedlock'	74.40 334	P	P	23 10 36.2 +1.0
N32A	Stulken Farm,	74.41 338	P	P	23 10 35.7 +0.7
SDCO	Great Sand Dun	74.47 331	eP	P	23 10 36.8 +0.9
SDCO	Great Sand Dun	74.47 331	eP	P	23 10 37.2 +1.4
X16A	Lo Mia Camp, P	74.47 325	eP	P	23 10 36.5 +0.8
O30A	MW Ranch, Wils	74.48 336	P	P	23 10 36.2 +0.6
K38A	Parkersburg	74.50 343	P	P	23 10 35.5 0.0
L36A	Harm Buss Farm	74.51 341	P	P	23 10 35.2 -0.4
M34A	Aspy Farms, Fr	74.53 339	P	P	23 10 36.2 +0.4
P28A	Saint Francis	74.56 335	P	P	23 10 36.6 +0.6
N31A	Bailey Ranch,	74.68 337	P	P	23 10 37.4 +0.8
O29A	4D Ranch, Culb	74.70 336	P	P	23 10 37.7 +0.9
L35A	Bielow Farm, R	74.77 340	P	P	23 10 36.8 -0.3
M33A	Taylor Creek F	74.78 339	P	P	23 10 37.4 +0.2
K37A	Belmond	74.84 342	P	P	23 10 37.7 +0.2
L34A	Svensden Farm,	74.89 340	P	P	23 10 37.9 +0.1
Y14A	Wickenburg	74.89 324	eP	P	23 10 39.5 +1.5
Y14A	Belgrade	74.94 338	eP	sP	23 11 24.7 +0.4
BGNE	Belgrade	74.94 338	eP	P	23 10 38.0 -0.1
BGNE	Belgrade	74.94 338	eP	P	23 10 38.3 +0.2
BGNE	Belgrade	74.94 341	eP	sP	23 11 24.3 -0.1
K36A	Gilmore City	74.94 341	P	P	23 10 38.0 0.0
S22A	4UR Ranch, Cre	75.04 330	P	P	23 10 40.0 +0.9
S22A	4UR Ranch, Cre	75.04 330	eP	P	23 10 40.5 +1.4
N30A	Hueffle Ranch,	75.05 337	P	P	23 10 39.5 +0.7
J38A	Wedel Dairy, R	75.05 343	P	P	23 10 38.4 -0.3
O28A	Krutsinger Ran	75.05 335	P	P	23 10 39.8 +1.0
M31A	Lambrecht Ran	75.15 338	P	P	23 10 40.1 +0.8
GLA	Glamis	75.17 322	P	P	23 10 40.5 +0.9
35A	Storm Lake	75.24 341	P	P	23 10 40.4 +0.6
N29A	Votaw Ranch, W	75.25 336	P	P	23 10 40.9 +1.0
WUAZ	Wupatki	75.32 326	P	P	23 10 42.1 +1.5
WUAZ	Wupatki	75.32 326	eP	P	23 10 42.4 +1.8
J37A	Redenius Farm,	75.32 342	P	P	23 10 39.8 -0.4
MVCO	Mesa Verde	75.33 329	P	P	23 10 42.2 +1.4
MVCO	Mesa Verde	75.33 329	eP	P	23 10 42.2 +1.4
L33A	Hoskins	75.34 339	P	P	23 10 40.6 +0.2
Q24A	Divide	75.36 332	P	P	23 10 42.0 +1.0

Q24A	Divide	75.36 332	eP	P	23 10 41.7 +0.8
L32A	Elgin	75.43 339	P	P	23 10 41.2 +0.3
N28A	Pribbeno Ranch	75.46 336	P	P	23 10 41.4 +0.2
K34A	Le Mars	75.46 340	P	P	23 10 41.6 +0.6
SUR	Sutherland	75.47 119	P	P	23 10 41.3 -0.6
SUR	Sutherland	75.47 119	eP	P	23 10 42.0 +0.2
SUR	Sutherland	75.47 119	eP	P	23 10 41.3 -0.6
Y12C	Blythe	75.54 323	eP	P	23 10 43.5 +1.8
Y12C	Blythe	75.54 323	eP	P	23 10 43.7 +2.0
Y12C	Seneca 1, Swea	75.55 342	eS	sP	23 11 30.9 +2.9
J36A	Imperial Bould	75.56 321	P	P	23 10 44.0 +2.0
IBP	Imperial Bould	75.56 321	P	P	23 10 44.0 +2.0
SWSC	Sam W. Stewart	75.61 321	P	P	23 10 44.2 +2.1
M30A	Dale-Ortello V	75.63 337	P	P	23 10 42.6 +0.5
K33A	Hardington	75.66 340	P	P	23 10 43.0 +0.8
I38A	Scanlan Farm,	75.69 343	P	P	23 10 42.0 -0.3
PDMCI	Parker Dam, Lak	75.76 323	P	P	23 10 43.0 +0.1
M29A	Burnside Ranch	75.83 337	P	P	23 10 44.3 +1.1
J35A	Milford	75.83 341	P	P	23 10 43.2 +0.1
L31A	Butterfield Fa	75.85 338	P	P	23 10 44.4 +1.0
OGNE	Ogala	75.86 335	P	P	23 10 44.7 +1.2
MONP2	Monument Peak	75.91 321	P	P	23 10 44.9 +0.8
I37A	Lemond, Waseca	75.94 343	P	P	23 10 43.6 -0.2
L30A	Spencer Herefo	75.94 337	P	P	23 10 44.6 +0.8
BC3	Big Chuckkwall	75.96 322	P	P	23 10 45.5 +1.3
J34A	George	75.97 341	P	P	23 10 43.9 0.0
M28A	Bar X Bar Ranc	76.02 336	P	P	23 10 45.5 +1.1
I36A	Fitzsimmons Fa	76.11 342	P	P	23 10 45.2 +0.6
IRM	Iron Mountain	76.19 323	P	P	23 10 46.8 +1.4
I35A	Creekview Farm	76.22 341	P	P	23 10 45.6 +0.3
K31A	O'Neill	76.23 338	P	P	23 10 45.7 +0.3
W13A	Hualapai Moun	76.25 324	eP	sP	23 10 47.8 +1.8
ISCO	Idaho Springs	76.26 332	P	P	23 11 33.7 +1.3
ISCO	Idaho Springs	76.26 332	P	P	23 10 47.2 +1.2
ISCO	Idaho Springs	76.26 332	eP	P	23 10 47.2 +1.2
109C	Camp Elliot, M	76.29 320	P	P	23 10 47.3 +1.2
SMCO	Snowmass	76.30 331	eP	P	23 10 46.9 +0.9
J33A	Davis	76.30 340	P	P	23 10 48.1 +1.8
L29A	Maesberg Ranch	76.30 337	P	P	23 10 45.5 -0.3
PV05	Paradox Valley	76.32 329	eP	P	23 10 46.8 +0.9
H37A	Dierke Farm, C	76.34 343	P	P	23 10 47.6 +1.3
PFO	Pinyon Flats 0	76.47 321	P	pmx	23 10 46.0 0.0
PFO	Pinyon Flats 0	76.47 321	P	pmx	23 10 50.2 +3.1
PFO	Pinyon Flats 0	76.47 321	P	pmx	23 10 49.2 +2.0
PFO	Pinyon Flats 0	76.47 321	eP	P	23 10 48.8 +1.7
U15A	North Rim	76.49 326	eP	P	23 10 45.8 -1.6
BELC	Belle Mtn. Jos	76.52 322	P	P	23 10 48.9 +1.5
PV10	Paradox Valley	76.53 329	eP	P	23 10 48.6 +1.0
K30A	Basset	76.55 338	P	P	23 10 48.3 +1.0
ECSD	EROS Data Cent	76.57 340	P	P	23 10 47.3 0.0
ECSD	EROS Data Cent	76.57 340	eP	P	23 10 47.5 +0.1
H36A	Jessenland, He	76.60 342	P	P	23 10 47.4 0.0
L28A	Connealy Angus	76.61 336	P	P	23 10 48.4 +0.7
J32A	Parkston	76.62 339	P	P	23 10 47.8 +0.2
I34A	Hadley	76.64 341	P	P	23 10 48.2 +0.6
PV09	Paradox Valley	76.68 329	eP	P	23 10 49.8 +1.4
J31A	Geddes	76.82 339	P	P	23 10 49.1 +0.3
K29A	Lazy Trails An	76.87 337	P	P	23 10 49.8 +0.8
MURC	Murrieta	76.87 321	P	P	23 10 50.4 +1.1
COWI	Conover	76.91 346	eP	P	23 10 49.4 +0.2
I33A	Coleman	76.91 340	P	P	23 10 49.4 +0.2
SPMN	Marine on St.	76.92 343	P	P	23 10 48.8 -0.4
SPMN	Marine on St.	76.92 343	eP	P	23 10 48.9 -0.4
GMRC	Granite Mounta	76.93 323	P	P	23 10 51.2 +1.5
H35A	Sunnyside Ran	76.96 342	P	P	23 10 49.4 0.0
I32A	Karley and Nic	77.09 340	P	P	23 10 50.7 +0.4
J30A	Dallas	77.10 338	P	P	23 10 50.8 +0.5
G36A	St. Michael	77.17 343	P	P	23 10 50.9 +0.4
K28A	Ten Mile Ranch	77.18 337	P	P	23 10 52.2 +1.3
H34A	Spellman Lake,	77.19 341	eP	P	23 10 50.8 +0.1
VLD0	Val d'Or	77.19 355	eP	P	23 10 51.1 +0.5
BBRC	Big Bear Solar	77.22 321	P	P	23 10 53.1 +1.6
MAW	Mawson	77.28 163	P	P	23 10 51.5 +0.4
MAW	Mawson	77.28 163	LR	LR	23 43 37.0
MAW	Mawson	77.28 163	eP	P	23 10 51.5 +0.4
N23A	Red Feather La	77.32 333	P	P	23 10 53.4 +1.5
N23A	Red Feather La	77.32 333	eP	P	23 10 53.5 +1.6
HEC	Hector, Ludlow	77.33 322	P	P	23 11 38.6 +1.2
G35A	Watkins	77.34 342	P	P	23 10 53.9 +2.1
CIS	Catena Islan	77.40 320	P	P	23 10 52.1 +0.5
LCMT	Little Creek M	77.42 326	eP	P	23 10 54.1 +1.6
J29A	Okreek	77.44 338	P	P	23 10 51.1 +1.9
PHWY	Pilot Hill	77.47 333	eP	sP	23 10 54.0 +1

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like Fruitdale, RKJ Ranch, Dupree, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like Lac du Bonnet, Jensen Ranch, Madison River, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like Elision Array, Keskin MP Arra, Malin Array, etc.

4d 23h

2011 JAN

Table with columns: YSS, Yuzh-Sakhalins, 149.12 314, i PKHKP, PKPbc, 23 18 43.0 -1.2, etc. Includes stations like Kashi, Asahikawa, Krasnoyarsk, etc.

Main table with columns: FURI, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BHJ, SARGODHA, BHV, etc.

Table with columns: AB31, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ABKAR, MKAR, ZEI, AKTO, etc.

DHMR 04 23:00:44.1s 1.1, 11.83N, 44.07E, h13km, 9km, ML4.3

ISC 04 23:00:43.5s 1.5, 11.71N, 0.10, 44.14E, 0.09, h10km, n6,

1524/12, 1D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ADEN, UDYN, BDHA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PSZ, NIE, NED, VAS, WHN, PKSM, LANS, OJC, JOF, BJI, OKC, FINESS, SOP, VRAC, MBAR, ARCS, DPC, KSP, SOKA, BOD, MOA, PRU, GERES, KBA, KHC, BRG, ABTA, CLL, MOTA, MOX, FETA, DAVOX, DAVA, HFS, ARCER, ARCES, KEST, KSM, TNS, NOA, BNI, KSAR, KSR, YAK, USRK, SPITS, EKA, ESDC, MATP, TORD, SEY, SOEI, BILL, WRA, MKAR.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR, INK, COLA, ILAR, YKA, STKA, TXAR, PLCA, DHMR, DIGO, EAK, EAG, TUTA, ISCJB, FUNV, BARC, GRMC, RUSC, CAPV, OCAC, NORC, CHIC, HELC, SOCV, GUYC, TOLO, PRAC, VIRV, CURV, BAUV, DHMR, ADEN, UDYN, BDHA, DHBB, HAJJ, WRA, MKAR.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ADEN, UDYN, BDHA, DHBB, HAJJ, DHMR, HAZ, MKZ, WNGZ, URZ, PUZ, MWZ, TKGZ, CNZ, RIGZ, SHNZ, KNZ, WHZ, NMZ, MCHZ, KWHZ, BHZ, CKHZ, KRHZ, KAHZ, PNHZ, XHZ, TSZ, PRHZ, DVHZ, ANWZ, BFZ, CAW, TIWZ, HOWZ, KIWI, MTW, CAW, FCW, PLWZ, DHMR, ADEN, UDYN, BDHA, DHBB, HAJJ, DHMR, ATD, ADEN, UDYN, BDHA, DHBB, HAJJ, BRTR, TORD, MKAR, ZALV, CMAR.

5d 0h

IDC 04 23:48:50.71.6, 11.89N, 43.93E, h0km, mb3.6/5, mb1.3/7.5, mb1mx3/4.1, mbtmp3.6/5, Error ellipse: s-maj=71.0km s-min=15.5km az=156.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, ADEN Aden, UDYN Al Udayn, etc.

ISCJIB 04 23:52:23.0-0.8, 11.84N, 0.06-44.13E, 0.05, h10km, MS3.6/7, Error ellipse: s-maj=10.0km s-min=5.3km az=138.5

DHMR 04 23:52:22.9-1.1, 11.95N, 44.12E, h16km, 13km, ML4.5

IDC 04 23:52:22.6-1.6, 11.66N, 44.09E, h0km, mb3.6/7, mb1.3/8.8, mb1mx3/6.42, mbtmp3.7/8, ML3.3/1, MS3.5/8, Ms1.3/5.8, ms1mx3/2/30, Error ellipse: s-maj=43.6km s-min=15.6km az=165.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, ADEN Aden, UDYN Al Udayn, etc.

DHMR 04 23:55:51.3-2.0, 12.10N, 43.91E, h13km, 25km, ML3.5, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ADEN Aden, UDYN Al Udayn, BDHA Al Bayda', etc.

DHMR 04 23:58:55.3-0.7, 12.13N, 44.13E, h14km, 6km, ML3.8, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ADEN Aden, UDYN Al Udayn, BDHA Al Bayda', etc.

DHMR 05 00:00:15.0-0.7, 12.03N, 44.18E, h14km, 6km, ML4.0, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ADEN Aden, UDYN Al Udayn, BDHA Al Bayda', etc.

2011 JAN

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like WEL 05 00:00:50.4-0.1, 43.59S, 172.64E, h6km, ML3.7/15, 2C-3D, Island

KRNET 05 00:01:14.3-0.1, 40.67N, 77.52E, mb3.1, SOME 05 00:01:16.7, 40.83N, 77.62E, h10km, NNC 05 00:01:18.4-2.3, 40.94N, 77.70E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=21.1km s-min=12.1km az=165.0

ISC 05 00:01:18.1-1.5, 40.90N, 0.07-77.64E, 0.03, h10km, n49, +152/79, 21C-22D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ULHL Ulhol, ANVS Anan'yev, BOOM Boomskey usch, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like SHLS 7.7nm, 0.4s, KTBS Karatobe, AAK Ala-Archa, etc.

DHMR 05 00:02:25.0-1.4, 12.11N, 44.02E, h7km, 17km, ML4.0, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ADEN Aden, UDYN Al Udayn, BDHA Al Bayda', etc.

DHMR 05 00:03:16.9-0.8, 12.13N, 44.16E, h14km, 10km, ML3.7, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ADEN Aden, UDYN Al Udayn, BDHA Al Bayda', etc.

DDA 05 00:10:04.4, 39.12N, 29.06E, h7km, Md2.8, ISK 05 00:10:04.4, 39.11N, 29.04E, h5km, MD2.7

CSEEM 05 00:10:05.0-1.1, 39.13N, 29.04E, h2km, MD2.8, Error ellipse: s-maj=3.5km s-min=2.4km az=104.0

ISC 05 00:10:04.0-0.9, 39.12N, 0.02-29.03E, 0.03, h15km, 10km, n24, +92/8/34, Turkey

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like DEMI Demirci, TVSB Tavsani, KULA Kula-Manisa, etc.

NNC 05 00:12:42.3-8.0, 36.79N, 70.20E, h189km, 172km, mb2.6, mpv3.6, Error ellipse: s-maj=87.2km s-min=44.8km

5d 0h

2011 JAN

Table with columns: Station, Time, Frequency, Power, etc. Includes stations like Chichi jima, Odawara 2, Matsushiro, etc.

Table with columns: Station, Time, Frequency, Power, etc. Includes stations like DL2, YOJ, YOH, YOV, etc.

Table with columns: Station, Time, Frequency, Power, etc. Includes stations like PET, H11N2, H11N1, etc.

5d 0h

Table of station data for the 5d 0h period, including call signs, frequencies, and signal strengths.

2011 JAN

Main table of station data for 2011 JAN, listing call signs, frequencies, and signal strengths.

192

Table of station data for the 192 period, including call signs, frequencies, and signal strengths.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like MFID Camas Ranch, LRV Little Rabbit, BKZ Black Stump Fm, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like KIEV Kiev, ARVO Arvo, SC22 Santa Cruz Isl, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like PSUT Pine Spring, DGMT Dagmar, MALT Malaty, etc.

5d 0h

2011 JAN

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BRG, 130A, CLL, 33A, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like H33A, D36A, KAC, C37A, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like R28A, J34A, N31A, L33A, etc.

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like MNTX, AGG, Q33A, M36A, SCHO, SCHQ, BFO, FETA, L37A, T31A, P34A, S32A, O35A, K38A, DAVA, M57X, M58X, M59X, M36A, R33A, AMTX, V30A, M37A, L38A, SCIA, U31A, Q34A, T32A, FUORN, LAST, KSU1, ECH, P35A, R34A, N37A, O36A, S33A, W30A, M38A, M39A, T33A, U32A, P36A, MCH1, WOL, THEF, TUE, SWN1, Q35A, X30A, O37A, W31A, S34A, N38A, JFW5, Q36A, R35A, V32A, LOMF, SLBS, Y30A, U33A, P37A, ATD, X31A, N39A, O38A, T34A.

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like W32A, Z30A, S35A, R36A, V33A, Y31A, U34A, U34A, U34A, P38A, Q37A, O39A, SENIN, SENIN, S36A, X32A, T35A, R37A, W33A, WMOK, WMOK, L30A, V34A, V34A, V34A, Z31A, Q38A, U35A, T36A, VLC, P39A, O40A, GLMI, W34A, W34A, S37A, TX31, LTX, TXAR, TXAR, TXAR, X33A, 131A, Z30A, Q39A, VLDO, V35A, Z32A, P40A, Y33A, RSL, 330A, X34A, T37A, TIP, TIP, U36A, ABTX, ABTX, ABTX, 231A, W35A, S38A, R39A, Q40A, Z33A, V36A, TUL1, TUL1, U37A, BNI, BNI, Y34A, S39A, 331A, HDIL, HDIL, W36A, H06S1, 133A, 232A, X35A.

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like R40A, 530A, V37A, Z34A, U38A, 431A, X36A, 332A, Y35A, S40A, 233A, AGO, SSB, SSB, SSB, V38A, 531A, 134A, Z35A, 432A, OG25, T40A, PYM, OG26, 336A, JCT, JCT, JCT, X37A, SLM, 234A, 135A, 532A, 631A, W38A, LBL, Z36A, 433A, X38A, Y37A, SFIN, SFIN, 334A, WHTX, WHTX, WHTX, 632A, 136A, 533A, 434A, Z37A, Y38A, 335A, 732A, 633A, 236A, OLIL, MIAR, MIAR, MIAR, 534A, Z38A, Y39A, 435B, SIUC, SIUC, RKT, RKT, PBMO, 336A, 832A, 733A, 138A, 237A, CLTB, CLTB, Z39A, UALR, UALR, 634A, 833A, 436A, 535A, 734A.

Table with columns: ADEN, ADEN, comp=N,2um,0.3s, BDHA Al Bayda', DHBA Dhamar BB, DHBB Hajjah, HAJU Hajjah, HAJU Hajjah. Includes station names, coordinates, and times.

DHMR 05 01:48:00.5-1.6, 12'10N:43'92E, h12km, 25km, ML4.1, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ADEN Aden, BDHA Al Bayda', DHBA Dhamar BB, HAJU Hajjah with their respective coordinates and times.

IDC 05 01:59:33.0-1.5, 3'79S:151'04E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.6/35, mbtmp3.6/5, Error ellipse: s-maj=79.5km s-min=4.4km az=123.0

ISC/JB 05 01:59:37.0-1.5, 3'75S:150'8E:0.5, h33km, mb3.4/5, Error ellipse: s-maj=85.4km s-min=2.1km az=32.0

ISC 05 01:59:38.7-1.6, 3'65S:150'7E:0.5, h35km, n6, c1567/6, mb3.6/5, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like WRA Warramunga Arr, ASAR Alice Springs, KURBB Kurchatov Arr, ILAR Eielson Array, YKA Yellowknife Arr, TORD Torodi Arr.

ISC/JB 05 02:01:44.2-0.3, 7'27S:0'04:125', 13E:0'04, h550km, mb4.0/19, Error ellipse: s-maj=5.1km s-min=4.8km az=155.7

IDC 05 02:01:44.9-0.9, 7'18S:125'11E, h530km, 10km, mb3.5/19, mb1 3.6/24, mb1mx3.5/10, mbtmp4.5/24, Error ellipse: s-maj=13.5km s-min=7.8km az=63.0

DJA 05 02:01:44.8-0.2, 7'3S:12'5E, h527km, 3km, M4.4/32, mb4.5/32, mb4.9/20, MLV4.9/14, Mw(m)M4.2/20

ISC 05 02:01:45.9-0.4, 7'26S:0'05:125'09E:0.06, h550km, n8, c1560/86, mb4.0/19, Banda Sea

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including SOEI Soe, BBSI Bau Bau, MMRI Maumere, EDPI Ende, FAKI Fak Fak, etc.

Table with columns: SBUM Sibiu, KSM Kuching, CISI Cismepet, CNJI Cibinong, CBJI Citeko, ASAR Alice Springs, ASAR Alice Springs, CTA Charters Tower, PSI Prapat, PSI Prapat, STKA Stephens Creek, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, KSRS Korea Array, MJAR Matsushiro Arr, PALK Palkelele, ODAN Odan, TAPN Tappejung, RAMM Ramite, HIRN Hirn, GUN Gumba, USRK Ussuriysk Arr, PKH Pulchoki, PKIN Phulchoki, KOLJ Koldanda, KALN Sakahikawa, ULN Ulaanbaatar, SOMM Songino Array, MKAR Makanchi Array, PETK Petropavlovsk, AAK Ala-Archa, MALZ Magadan, ZALV Zolotoe Beam, KURBB Kurchatov Arr, BVAR Borovoye Array, AKTO Aktyubinsk, ILAR Eielson Array, YKA Yellowknife Arr, TORD Torodi Arr, TXAR Lajitas Array, TXAR Lajitas Array, DBIC Dibirok, DBIC Dibirok, SCHO Schefferville, CPUI Villa Florida.

DHMR 05 02:06:37.9-1.7, 12'02N:44'07E, h12km, 34km, ML4.1, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ADEN Aden, DHBB Dhamar BB, HAJU Hajjah, etc.

ISC/JB 05 02:10:46.2-1.8, 11'37N:44'13E, h15km, 15km, ML3.8, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ADEN Aden, UDYN Al Udayn, LBOS Lobos, BDHA Al Bayda', DHBB Dhamar BB, HAJU Hajjah, etc.

ISC/JB 05 02:12:23.6-0.7, 56'S:0'1:26'7W:0'3, h10km, mb4.2/8, Error ellipse: s-maj=24.2km s-min=14.2km az=140.9

IDC 05 02:12:24.1-0.5, 56'S:25'W:50W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.8/21, mbtmp3.9/3, Error ellipse: s-maj=41.6km s-min=31.8km az=86.0

NEIC 05 02:12:29.3-0.4, 56'S:26'77W, h35km, mb4.3/5, Error ellipse: s-maj=11.0km s-min=11.1km az=47.0

ISC 05 02:12:25.4-0.7, 56'S:20'26'7W:0'2, h10km, n17, c05811/17, mb4.2/8, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SNAIA Sanae, TROA Torouait, LVC Limon Verde, VNDA Vanda, LPAZ La Paz, SAML Samal, LSZ Lusaka, TORD Torodi Arr, SCHO Schefferville, CPUI Villa Florida.

DHMR 05 02:06:37.9-1.7, 12'02N:44'07E, h12km, 34km, ML4.1, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ADEN Aden, DHBB Dhamar BB, HAJU Hajjah, etc.

ISC/JB 05 02:10:32.4-0.7, 12'95N:0'07:89'24W:0'05, h52km, 11km, mb3.4/4, MS3.8/1, Error ellipse: s-maj=13.8km

CASC 02:10:32.9-1.6, 12'98N:89'24W, h46km, 20km, MD4.5, ML4.3

IDC 05 02:10:34.4-1.4, 13'97N:88'26W, h36km, 5km, mb3.3/4, mb1 3.7/6, mb1mx3.3/34, mbtmp3.6/6, ML3.6/2, MS3.6/2, Mb1 3.6/2, ms1mx3.3/18, Error ellipse: s-maj=4.8km s-min=20.7km az=45.0

ISC 05 02:10:32.9-0.8, 13'02N:0'06:89'25W:0'06, h45km, 6km, n42, c1151/51, mb3.5/4, 7C-6D, El Salvador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like AIES Las Flores, LFRS El Faro, COLS Colinas, SNET Serv Nas Est T, SNVI San Vicente, BOQS Boqueron, LFU La Fuente, LBRS Las Brisas, TECA Tecapa, SBLS San Blas, SNE San Jose, MONT Ecomontanea, RTR El Retiro, UCHI Chinameca, PACA Pacayal, LCY Lacayo, NMH Nahuatzen, RBDL Robledal, CACH Cahcuaque, CNCH Conchagua, MRL Marmol, CRIN San Cristobal, TOUH Tegucigalpa, UCHI Chinameca, MOMN Momotombo.

Table with columns: COPN Copaltepe, XAVN Gruta Xavier, BOAB BOACO BROADBAN, JTS JuntasAbangare, JTS baz=248, slow=24, SNR=2.2, JTS comp=N,5.7nm,0.3s, baz=134, slow=19, SNR=12, JTS comp=N,345nm,21.9s, baz=320, slow=44, JCR Jicaral, CGAZ Cerro Gallo 2, BUS Buena Vista, CMIG Matias Romero, CMIG comp=N,1.7nm,0.3s, baz=317, slow=47, SNR=5.8, TEIG Tepich, TXAR Lajitas Array, TXAR comp=N,0.3nm,0.3s, baz=141, slow=10, SNR=1.5, TXAR comp=N,0.4nm,0.6s, baz=144, slow=10, SNR=5.6, TXAR comp=N,0.4nm,0.6s, baz=145, slow=10, SNR=5.6, TUK Tuckaleeschee C, NVAR Mina Arr Bea, NVAR comp=N,1.4nm,0.3s, baz=120, slow=10, SNR=2.3, NVAR comp=N,0.5nm,0.7s, baz=131, slow=5, SNR=3.5, ULM Lac du Bonnet, YKA Yellowknife Arr, YKA comp=N,0.3nm,0.3s, baz=346, slow=7.6, SNR=16, MKAR Makanchi Array, WRA Warramunga Arr, CMAR Chiang Mai Arr, CMAR comp=N,0.5nm,0.3s, baz=147, slow=5, SNR=2.3

DHMR 05 02:10:46.2-1.8, 11'37N:44'13E, h15km, 15km, ML3.8, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ADEN Aden, UDYN Al Udayn, LBOS Lobos, BDHA Al Bayda', DHBB Dhamar BB, HAJU Hajjah, etc.

ISC/JB 05 02:12:23.6-0.7, 56'S:0'1:26'7W:0'3, h10km, mb4.2/8, Error ellipse: s-maj=24.2km s-min=14.2km az=140.9

IDC 05 02:12:24.1-0.5, 56'S:25'W:50W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.8/21, mbtmp3.9/3, Error ellipse: s-maj=41.6km s-min=31.8km az=86.0

NEIC 05 02:12:29.3-0.4, 56'S:26'77W, h35km, mb4.3/5, Error ellipse: s-maj=11.0km s-min=11.1km az=47.0

ISC 05 02:12:25.4-0.7, 56'S:20'26'7W:0'2, h10km, n17, c05811/17, mb4.2/8, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SNAIA Sanae, TROA Torouait, LVC Limon Verde, VNDA Vanda, LPAZ La Paz, SAML Samal, LSZ Lusaka, TORD Torodi Arr, SCHO Schefferville, CPUI Villa Florida.

DHMR 05 02:15:42.1-1.1, 12'01N:44'15E, h14km, 10km, ML3.7, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ADEN Aden, UDYN Al Udayn, LBOS Lobos, BDHA Al Bayda', DHBB Dhamar BB, HAJU Hajjah, etc.

DHMR 05 02:29:33.0-1.6, 11'38N:44'12E, h15km, 21km, ML4.0, 1C-1D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ADEN Aden, UDYN Al Udayn, LBOS Lobos, BDHA Al Bayda', DHBB Dhamar BB, HAJU Hajjah, etc.

DHMR 05 02:29:33.0-1.6, 11'38N:44'12E, h15km, 21km, ML4.0, 1C-1D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ADEN Aden, UDYN Al Udayn, LBOS Lobos, BDHA Al Bayda', DHBB Dhamar BB, HAJU Hajjah, etc.

5d 3h

Table with columns: Station Name, Frequency, Power, Class, and Offset. Includes stations like McKinley, Makanchi, MAZK, etc.

2011 JAN

Table with columns: Station Name, Frequency, Power, Class, and Offset. Includes stations like N02D, JMTM, WDC, etc.

202

Table with columns: Station Name, Frequency, Power, Class, and Offset. Includes stations like E25A, FURC, TPNV, etc.

BRTR	comp=Z,2.0nm,0.6s	73.83	41	P	P	03 54 57.6	0.0
G29A	Howen	73.83	41	P	P	03 54 57.6	0.0
IRM	Iron Mountain	73.87	58	P	P	03 54 58.9	+0.8
CLL	Collin	73.94	330	↑P	P	03 54 57.8	-0.3
CLL	Collin	73.94	330	↑P	P	03 54 57.8	-0.3
MONP2	Monument Peak	74.00	59	P	P	03 54 59.3	+0.2
ARR	Arges	74.01	320	↑P	P	03 55 00.1	+1.4
B35A	Bob, Littlefor	74.03	35	P	P	03 54 58.5	-0.2
BC3	Big Chuckawall	74.05	58	P	P	03 54 59.6	+0.4
F31A	Hecla	74.07	39	P	P	03 54 59.0	0.0
C34A	RKJ Ranch, Bem	74.11	36	P	P	03 54 58.6	-0.6
D33A	AnnSam, Waubun	74.12	37	P	P	03 54 58.8	-0.5
N23A	Red Feather La	74.13	47	P	P	03 55 00.5	+0.7
H29A	Onida	74.13	41	P	P	03 54 59.6	+0.2
BR231	Keskin MP Arra	74.15	311	eP	P	03 54 58.7	-1.0
I28A	Midland	74.16	42	eP	P	03 54 59.8	+0.3
PV09	Paradox Valley	74.19	51	eP	P	03 55 03.2	+1.1
G30A	Faulkon	74.23	40	P	P	03 54 59.8	-0.1
J27A	Elkhorn Farm,	74.33	43	P	P	03 55 01.1	+0.5
PV10	Paradox Valley	74.33	51	eP	P	03 55 02.2	+1.2
IBP	Imperial Bould	74.36	59	P	P	03 55 01.5	+0.5
PDMC1	Parker Dam,Lak	74.37	57	P	P	03 55 01.7	+0.8
LTC	Little Chuckwa	74.39	58	eP	P	03 54 58.5	-2.5
D34A	Park Rapids	74.43	37	P	P	03 55 00.7	-0.3
GOPC	GO Pecny, Ondr	74.45	328	eP	P	03 55 03.7	+2.6
G35A	GO Pecny, Ondr	74.45	328	eP	P	03 55 03.7	+2.6
C35A	Jirik Farms, M	74.45	36	P	P	03 55 00.3	-0.9
PV05	Paradox Valley	74.51	51	eP	P	03 55 03.2	+1.2
Y12C	Blythe	74.53	57	P	P	03 55 02.3	+0.4
E33A	Westby DABS, E	74.55	38	P	P	03 55 01.3	-0.4
I29A	Vivian Onida	74.55	42	P	P	03 55 01.9	+0.1
F32A	Velben	74.56	39	P	P	03 55 01.1	-0.7
J28A	Allard Ranch,	74.56	43	P	P	03 55 02.3	+0.4
G31A	Conde	74.58	40	P	P	03 55 01.7	-0.3
PV01	Paradox Valley	74.76	51	eP	P	03 55 04.0	+0.7
GZR	Gura Zlata	74.82	321	↑P	P	03 55 03.6	+0.2
GZR	Gura Zlata	74.82	321	↑P	P	03 55 03.6	+0.2
GLA	Glamis	74.84	58	P	P	03 55 04.0	+0.3
SUSD	Miller	74.84	41	P	P	03 55 03.1	-0.4
SMCO	Snowmass	74.85	49	eP	P	03 55 04.6	+0.5
C36A	Pine Crest Far	74.87	35	P	P	03 55 03.3	-0.2
D32A	Webster	74.87	39	P	P	03 55 03.3	-0.3
G35A	Webster	74.87	39	P	P	03 55 03.3	-0.3
D35A	Remer	74.91	36	P	P	03 55 02.8	-1.0
F33A	5 Mile Ranch,	74.94	38	P	P	03 55 03.3	-0.7
J29A	Okree	75.01	42	P	P	03 55 04.3	-0.1
H31A	Wolsey	75.03	40	P	P	03 55 04.0	-0.5
I30A	Oacoma	75.04	41	P	P	03 55 04.6	0.0
K28A	Ten Mile Ranch	75.04	43	P	P	03 55 05.1	+0.4
WUAZ	Wupatki	75.09	54	P	P	03 55 06.2	+1.0
WUAZ	Wupatki	75.09	54	eP	P	03 55 06.4	+1.1
ISCO	Idaho Springs	75.11	48	P	P	03 55 05.0	-0.4
C37A	Embarrass	75.15	35	P	P	03 55 04.8	-0.4
E35A	Pequot Lakes	75.18	37	P	P	03 55 05.0	-0.3
D36A	Goodland	75.20	36	P	P	03 55 04.9	-0.5
EYMN	Ely	75.25	34	P	P	03 55 05.5	-0.1
EYMN	Ely	75.25	34	eP	P	03 55 05.1	-0.6
G33A	Ortonville	75.39	39	P	P	03 55 06.2	-0.3
F34A	Alexandria	75.42	38	P	P	03 55 06.2	-0.6
J30A	Dallas	75.46	42	P	P	03 55 07.4	+0.4
MVCO	Mesa Verde	75.47	51	eP	P	03 55 08.0	+0.5
MVCO	Mesa Verde	75.47	51	eP	P	03 55 08.2	+0.7
H32A	Carlson Farm,	75.48	40	P	P	03 55 06.5	-0.7
D29A	Lazy Trails An	75.50	43	P	P	03 55 07.3	0.0
K37A	Cotton	75.52	35	P	P	03 55 06.7	-0.5
C38A	Sawbill Land,	75.52	34	P	P	03 55 06.8	-0.4
KHC	Kasperske Hory	75.54	328	eP	P	03 55 07.9	+0.5
KHC	Kasperske Hory	75.54	328	eP	P	03 55 18.7	
KHC	Kasperske Hory	75.54	328	eP	P	03 55 07.9	+0.5
KHC	Kasperske Hory	75.54	328	eP	P	03 55 18.7	
KHC	Kasperske Hory	75.54	328	eP	P	03 55 07.9	+0.5
H33A	Prehn Over Nor	75.66	39	P	P	03 55 07.9	-0.2
F35A	Swanville	75.67	37	P	P	03 55 07.4	-0.7
E36A	McGregor	75.69	36	P	P	03 55 07.9	-0.3
G34A	Benson	75.70	38	P	P	03 55 08.1	-0.1
GERES	GERES Array B	75.73	328	P	P	03 55 08.3	-0.2
WET	Wetzell	75.79	329	P	P	03 55 10.7	+0.2
WET	Wetzell	75.79	329	P	P	03 55 10.7	+0.2
J31A	Geddes	75.83	41	P	P	03 55 09.1	0.0
K30A	Basset	75.90	42	P	P	03 55 09.9	+0.4
L29A	Maesberg Ranch	75.96	43	P	P	03 55 09.4	-0.5
Q24A	Divide	75.97	48	P	P	03 55 10.2	0.0
S22A	4UR Ranch, Cre	75.98	50	P	P	03 55 11.2	+0.8
S22A	4UR Ranch, Cre	75.98	50	eP	P	03 55 11.5	+1.2
OGNE	Ogallala	76.06	45	P	P	03 55 10.3	-0.2
H34A	Spellman Lake,	76.09	39	P	P	03 55 09.7	-0.8
F36A	Milaca	76.11	37	P	P	03 55 09.5	-1.1
I33A	Coleman	76.13	40	P	P	03 55 11.2	+0.5
J32A	Parkston	76.18	41	P	P	03 55 10.7	-0.3
G35A	Walkins	76.21	38	P	P	03 55 11.1	0.0
W18A	Petrified Fore	76.31	54	P	P	03 55 12.3	+0.2
K31A	O'Neill	76.34	42	P	P	03 55 12.0	0.0
MOA	Molin	76.34	327	↑P	P	03 55 12.8	+1.0

comp=Z,3.7nm,0.8s	76.46	40	P	P	03 55 12.7	+0.1	
ECS2	EROS Data Cent	76.46	40	P	P	03 55 12.7	+0.1
ECS2	EROS Data Cent	76.46	40	eP	P	03 55 12.2	-0.3
H35A	Sunnyside Ranch	76.48	38	P	P	03 55 13.0	+0.3
N28A	Pribbeno Ranch	76.50	45	P	P	03 55 12.7	-0.2
G36A	St. Michael	76.51	37	P	P	03 55 12.6	-0.2
I34A	Hadley	76.55	39	P	P	03 55 12.9	-0.2
SCHO	Scherverville	76.61	17	P	P	03 55 13.1	-0.1
J33A	Davis	76.62	40	P	P	03 55 13.2	-0.2
L31A	Butterfield Fa	76.65	42	P	P	03 55 14.3	+0.6
SDCO	Great Sand Dun	76.69	49	P	P	03 55 14.8	+0.5
SDCO	Great Sand Dun	76.69	49	eP	P	03 55 14.8	+0.5
214A	Organ Pipe Nat	76.81	58	P	P	03 55 15.3	+0.5
N29A	Votaw Ranch, W	76.84	44	P	P	03 55 14.7	-0.1
SPMN	Marine on St.	76.92	37	P	P	03 55 14.6	-0.4
H36A	Jessenland, He	76.96	38	P	P	03 55 15.5	+0.2
DIV5	Dyler	77.06	322	↑P	P	03 55 15.9	-0.1
I35A	Creekview Farm	77.08	39	P	P	03 55 15.4	-0.6
L32A	Elgin	77.17	42	P	P	03 55 16.6	0.0
KSCO	Kaye Shedlock'	77.23	47	P	P	03 55 17.3	+0.3
M31A	Lambrecht Ranc	77.23	43	P	P	03 55 16.7	-0.2
P28A	Sail Francis	77.24	46	P	P	03 55 16.7	-0.3
O29A	4D Ranch, Culb	77.29	45	P	P	03 55 17.4	+0.1
KBA	Koelnbreinsper	77.33	327	P	P	03 55 18.8	+1.2
KBA	Koelnbreinsper	77.33	327	↑P	P	03 55 18.1	+0.6
I36A	Fitzsimmons Fa	77.37	38	P	P	03 55 17.3	-0.3
J35A	Milford	77.37	39	P	P	03 55 17.4	-0.3
H37A	Dierke Farm, C	77.39	37	P	P	03 55 17.9	+0.2
K34A	Le Mars	77.52	40	P	P	03 55 17.9	-0.5
BGNE	Belgrade	77.57	42	P	P	03 55 18.6	-0.2
Q28A	Spring Springs	77.59	46	P	P	03 55 19.0	-0.1
O30A	MW Ranch, Wils	77.61	44	P	P	03 55 19.0	-0.1
I37A	Lemond, Waseca	77.64	38	P	P	03 55 19.0	0.0
N31A	Bailey Ranch,	77.64	43	P	P	03 55 19.0	-0.2
T25A	Trinidad	77.72	49	P	P	03 55 20.0	+0.1
TUC	Tucson	77.75	56	P	P	03 55 21.1	+1.2
TUC	Tucson	77.75	56	P	P	03 55 20.6	+0.7
TUC	Tucson	77.75	56	eP	P	03 55 21.1	+1.2
J36A	Seneca 1, Swea	77.78	39	P	P	03 55 19.9	0.0
WTTA	Wattenberg	77.82	328	↑P	P	03 55 20.8	+0.6
M33A	Taylor Creek F	77.89	42	P	P	03 55 20.4	-0.1
MOTA	Moosalm	77.94	329	↑P	P	03 55 21.1	+0.3
L34A	Svensden Farm,	77.96	41	P	P	03 55 20.6	-0.2
O31A	Woolen Ranch,	77.99	44	P	P	03 55 20.8	-0.3
P30A	Selden	78.01	45	P	P	03 55 21.0	-0.3
I38A	Scanlan Farm,	78.08	37	P	P	03 55 20.7	-0.8
J37A	Redenius Farm,	78.14	38	P	P	03 55 21.2	-0.6
Q29A	Oakley	78.15	46	P	P	03 55 21.6	-0.4
R28A	Tribune	78.15	46	P	P	03 55 21.8	-0.3
L35A	Blow Farm, R	78.22	40	P	P	03 55 22.1	-0.2
M34A	Aspy Farms, Fr	78.23	41	P	P	03 55 21.8	-0.6
ANMO	Albuquerque	78.25	52	↑P	P	03 55 23.6	+0.8
ANMO	Albuquerque	78.25	52	↑P	P	03 55 23.6	+0.8
ANMO	Albuquerque	78.25	52	eP	P	03 55 23.6	+0.8
LAZ	Ladron	78.28	52	eP	P	03 55 24.0	+1.0
K36A	Gilmore City	78.29	39	P	P	03 55 21.7	-1.0
FETA	Feichten	78.35	329	↑P	P	03 55 23.3	+0.2
R29A	Marienthal	78.42	46	P			

5d 4h

Table of station data for the first 5 days of January, including call signs, frequencies, and coordinates.

2011 JAN

Main table of station data for January 2011, including call signs, frequencies, and coordinates.

204

Table of station data for the 204th day of the year, including call signs, frequencies, and coordinates.

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

IDC 05 04:22:06.3 0.7, 38.36S; 75.23W, h0km, mb4.0/10, mb1.4/212, mb1mx0.4/2.6, mbtmp4.0/12, ML3.9/2, MS3.4/8, Ms1.3/3.8, ms1mx3.1/27, Error ellipse: s-maj=26.2km s-min=17.9km az=78.0

ISCJBJ 05 04:22:10.4 0.4, 38.35S; 0.04:74.94W, 0.05, h33km, mb4.3/19, MS3.4/6, Error ellipse: s-maj=6.1km s-min=5.1km az=156.5

GUC 05 04:22:10.4 0.4, 38.18S; 74.88W, h22km, mb4.0, ML4.0 NEIC 05 04:22:10.0, 38.18S; 74.88W, h22km, mb4.3/5, ML4.0(GUC), Alter GUC.

NEIC Fail [1] at San Pedro. ISC 05 04:22:11.0 0.5, 38.33S; 0.05:75.03W, 0.08, h35km, n57, c1547/58, mb4.4/20, MS3.5/6, 1C-1D, Off coast of central Chile

Main table of station data for the Western Arabian Peninsula region, including stations like Puerto Saavedr, Valdivia, San Pedro de C, etc.

RNSC 05 04:24:25.1 0.8, 5.89N; 73.68W, h118km, 7km, ML2.1, Colombia

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

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

DHMR 05 04:37:43.5 0.8, 11.86N; 44.11E, h14km, g1km, ML3.5, Western Gulf of Aden

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

DHMR 05 04:44:30.4 0.9, 12.16N; 44.11E, h13km, 283km, ML3.5, Western Arabian Peninsula

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

DHMR 05 04:54:56.5 2.1, 12.04N; 44.00E, h13km, 21km, ML4.1

ISCJBJ 05 04:54:58.1 1.1, 12.05N; 0.07:44.10E, 0.08, h4km, mb3.6/5, MS3.3/3, Error ellipse: s-maj=10.8km s-min=10.3km az=29.6

IDC 05 04:55:00.1 2.2, 12.18N; 44.10E, h0km, mb3.6/5, mb1.3/8.5, mb1mx3.4/39, mbtmp3.6/5, MS3.2/4, Ms1.3/2.4, ms1mx2.8/38, Error ellipse: s-maj=78.2km s-min=27.2km az=165.0

ISC 05 05:00:2.1 3.1, 12.1N; 0.1:44.15E, 0.09, h4km, n13, c1526/12, mb3.5/5, MS3.4/3, Western Arabian Peninsula

Main table of station data for the Western Arabian Peninsula region, including stations like ADEN, UDAYN, LBOS, etc.

IDC 05 04:57:17.2 10.0, 17.63S; 168.79E, h155km, 145km, mb3.4/3, mb1.3/5.4, mb1mx3.3/26, mbtmp3.8/4, ML3.5/1, Error ellipse: s-maj=22.9km s-min=38.0km az=152.0, Vanuatu islands

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

IDC 05 05:00:19.4 1.8, 6.60S; 129.92E, h0km, mb3.5/2, mb1.3/9.4, mb1mx3.6/36, mbtmp3.7/4, ML4.0/2, Error ellipse: s-maj=108.1km s-min=30.1km az=71.0, Banda Sea

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

ISCJBJ 05 05:02:53.7 6.0, 50.09N; 0.04:18.36E, 0.03, h0km, Error ellipse: s-maj=5.7km s-min=3.0km az=3.2

PRU 05 05:02:55.9, 50.04N; 18.38E, h0km IPEC 05 05:02:55.1 0.2, 50.05N; 18.45E, h0km, ML1.5/3, Error ellipse: s-maj=2.0km s-min=1.1km az=160.0

CSEM 05 05:02:55.1 0.3, 50.04N; 18.40E, h1km, ML2.5/10, Error ellipse: s-maj=6.1km s-min=3.2km az=178.0

VIE 05 05:02:57.7 0.8, 49.71N; 18.35E, h0km, 5km, mb1.4/2, ml2.1/3, Error ellipse: s-maj=4.9km s-min=2.0km az=115.0, Suspected Mining Induced.

ISC 05 05:02:55.2 0.8, 50.05N; 0.04:18.43E, 0.02, h0km, n25, c094/38, 1D, Poland

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

Main table of station data for the Eastern Arabian Peninsula region, including stations like RAC, Ostrava-Krasne, MORC, etc.

CSEM 05 05:12:21.0 0.0, 1.37; 06N; 4.82W, h5km, ML2.9/11, Error ellipse: s-maj=3.6km s-min=2.0km az=5.0

SFS 05 05:12:22.0 0.3, 37.02N; 148.83W, h0km, ML2.4 MDD 05 05:12:22.5 0.3, 36.99N; 4.81W, h10km, mbLg2.3/20, Error ellipse: s-maj=3.7km s-min=2.8km az=4.0, PRXIM

INMG 05 05:12:22.8 0.1, 37.02N; 4.82W, h2km, ML2.2, Error ellipse: s-maj=3.4km s-min=2.6km az=27.0

LDG 05 05:12:22.0 0.1, 37.00N; 4.82W, h2km, M2.8/2, Error ellipse: s-maj=2.5km s-min=1.7km az=13.0

ISC 05 05:12:21.8 1.2, 37.03N; 0.03:4.80W, 0.02, h8km, 10km, n85, c131/105, 1C, Spain

Main table of station data for the Eastern Arabian Peninsula region, including stations like EMJ, MJAS, LUJA, etc.

Table with columns: KURS, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like Kotyrbulak, Medeo, Tianshan, etc.

ISN 05 05:55:21.1±2.1, 30.39N-53.79E, h0km, ML5.3
ISCJB 05 05:55:44.6±0.5, 30.12N-02:51.75E±0.01, h1km, 3km,
m5.3/237, MS5.0/205, Error ellipse: s-maj=3.0km
s-min=1.8km az=21.2
BUJ 05 05:55:44.2, 30.10N-51.80E, h10km, m5.1/62, mB5.1/44,
MS5.4/67, Ms7.5/161
IDC 05 05:55:45.5±0.4, 30.19N-51.74E, h0km, mb4.9/44,
mb1.5/0.50, mb1mx4.9/57, mbtmp4.9/50, ML4.7/6, MS4.8/35,
Ms1.4/8.35, ms1mx4.7/53, Error ellipse: s-maj=9.7km
s-min=8.9km az=17.0
MOS 05 05:55:46.5±1.3, 30.13N-51.71E, h16km, m5.2/74,
MS4.7/43, Error ellipse: s-maj=5.8km s-min=3.4km
az=105.8
GCMT 05 05:55:47.4±0.1, 30.08N-51.56E, h21km, MW5.4/117,
Moment Tensor Solution. s91,c143; s117,c235;
Duration: 1s2 Moment tensor: Scale 1017Nm;
M0=0.03±0.02; M00=0.24±0.02; M01=0.21±0.02; M02=1.4±0.04;
M03=1.41±0.02; M04=0.15±0.04; Best double couple:
M01.44400x1017 Np1.0274.000000, 884.000000,
1-6.000000, NP2.055.000000, 884.000000, 1-174.000000,
Principal axes: T 1.4450, Plg0.0000, Azm320.0000; N
-0.0030, Plg2.0000, Azm53.0000; P -1.4430,
Plg8.0000, Azm230.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
CSEM 05 05:55:47.7±0.1, 30.17N-51.77E, h10km, m5.4/96, Ms5.3,
MW5.1 Error ellipse: s-maj=3.6km s-min=2.7km az=28.0
NEIC 05 05:55:47.6±0.1, 30.15N-51.79E, h16km, 12km, mb5.4/76,
MS5.0/127, ML5.2(THR), MN5.3(TEH), Error ellipse:
s-maj=4.6km s-min=3.3km az=195.0
NEIC Felt (III) at Shiraz. Also felt at Bandar Bushehr.
DSN 05 05:55:48.5±0.4, 30.16N-51.81E, h10km, m5.1/13,
MS5.6/13, Error ellipse: s-maj=14.3km s-min=3.8km
az=63.0
THR 05 05:55:48.5±0.7, 30.19N-52.03E, h14km, 13km, ML5.2
TEH 05 05:55:49.3, 30.18N-51.70E, h16km, ML5.2
OMAN 05 05:55:51.2±2.5, 29.67N-52.26E, h0km, Error ellipse:
s-maj=42.9km s-min=23.3km az=43.0
ISC 05 05:55:47.6±0.5, 30.16N-03:51.82E±0.03, h10km, 3km,
n1344, c1563/1281, m5.3/251, MS5.0/210, 120C-84D,

Table with columns: Code, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like Kazeroun, Pars, Ahram, Sarvestan, etc.

Main table with columns: GHIR, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like Ghir-Karzin, Gharneh, Mehriz, etc.

Main table with columns: IGZV, Station Name, Az, Alt, Phase ID, Time, Res, ISC. Includes stations like Ghazvin, Minazif, Ashiyah, etc.

2011 JAN

Table with multiple columns containing station call signs (e.g., BNGB, BINT, RBK), frequencies (e.g., 12.71 317, 12.75 316), and various numerical data points. The table is organized into several vertical sections.

VSR	comp=E,450nm,1.3s	smax	smax		
VSR	comp=Z,60nm,1.7s	smax	smax		
VSR	comp=N,290nm,0.9s	smax	smax		
VSR	comp=E,890nm,18.0s	MLR	MLR		
VSR	comp=Z,3um,18.0s	MLR	MLR		
VSR	comp=N,2um,19.0s	MLR	MLR		
VSR	Storozhevo	23.05 338 eP	P	06 00 53.6 +0.6	
SIGR	SIGR	23.11 300 P	P	06 00 58.0 +4.2	
SIGR	SIGR	23.11 300 P	P	06 00 58.0 +4.2	
SIGR	SIGR	23.11 300 P	P	06 00 58.0 +4.2	
POO	Poona	23.13 115 eP	P	06 00 56.3 +2.1	
POO				06 01 02.4	
BOZC	Bozcaada	23.14 302 iP	P	06 00 53.8 -0.2	
IDI	Anoia	23.19 290 P	P	06 00 53.5 -1.2	
IDI					
IDI	comp=Z,31nm,0.6s,baz=104,slow=9.3,SNR=27	LR	LR	06 12 49.3	
IDI	comp=Z,1um,21.8s,baz=134,slow=44	LR	LR		
IDI	Anoia	23.19 290 i/P	P	06 00 53.6 -1.1	
IDI	Anoia	23.19 290 P	P	06 00 54.0 -0.7	
IDI	Anoia	23.19 290 eP	P	06 00 53.7 -1.0	
IDI	Anoia	23.19 290 eP	P	06 00 53.7 -1.0	
IDI	Anoia	23.19 290 eP	P	06 00 53.7 -1.0	
SIVA	Sivas	23.23 289 i/P	P	06 00 55.1 +0.1	
SIVA	Sivas	23.23 289 P	P	06 00 55.3 +0.3	
SIVA	Sivas	23.23 289 P	P	06 00 55.3 +0.3	
SIVA	Sivas	23.23 289 P	P	06 00 55.3 +0.3	
TIRR	Tirgusor	23.35 314 i/P	P	06 00 56.2 +0.1	
TIRR	Tirgusor	23.35 314 eP	P	06 00 55.3 -0.8	
TIRR	Tirgusor	23.35 314 eP	P	06 00 55.3 -0.8	
TIRR	Tirgusor	23.35 314 eP	P	06 00 55.3 -0.8	
PRD	Provadia	23.41 310 P	P	06 00 58.2 +1.5	
VORR	Voronezh	23.44 304 eP	P	06 00 55.0 -1.9	
VORR					
VORR	comp=Z,750nm,1.2s	pmx	pmx		
VORR	comp=Z,750nm,1.2s	eP	P	06 00 55.0 -1.9	
ALN	Alexandroupoli	23.47 304 P	P	06 00 57.6 +0.3	
ALN	Alexandroupoli	23.47 304 P	P	06 00 57.6 +0.3	
ALN	Alexandroupoli	23.47 304 P	P	06 00 57.6 +0.3	
JMB	Jambol	23.66 308 P	P	06 00 58.9 -0.3	
SMTH	Samothraki Isl	23.71 303 P	P	06 00 58.4 -1.3	
SMTH	Samothraki Isl	23.71 303 P	P	06 00 58.4 -1.3	
HARR	Harsova	23.76 314 i/P	P	06 01 01.4 +1.2	
KUU	Kurty	23.79 48 i/P	P	06 01 01.3 +0.8	
KUU					
LIA	Limnos Island	23.80 301 P	P	06 01 03.1 +2.5	
LIA	Limnos Island	23.80 301 P	P	06 01 03.1 +2.5	
LIA	Limnos Island	23.80 301 P	P	06 01 03.1 +2.5	
BHPL	Bhopal	23.86 101 eP	P	06 01 02.1 +0.7	
BHPL				06 01 08.4	
CFR	Carcaliu	23.88 315 i/P	P	06 01 01.5 +0.2	
MDOK	K Medved	23.94 50 i/P	P	06 01 05.3 +3.3	
MDOK					
MDOK	Ortayu	23.94 35 P	P	06 01 02.2 +0.3	
MDOK					
OTUK	Ortayu	23.94 35 P	P	06 01 02.2 +0.3	
OTUK					
OTUK	Ortayu	23.94 35 P	P	06 01 02.2 +0.3	
GIUM	Giurgulesti	24.00 316 i/P	P	06 01 02.8 +0.4	
AMRR	Amara	24.00 314 i/P	P	06 01 05.2 +1.9	
LPSR	Galich'ya Gora	24.34 341 eP	P	06 01 06.4 +0.9	
LPSR				06 01 05.4 -0.3	
LPSR	comp=Z,110nm,1.2s	pmx	pmx		
LPSR	comp=N,70nm,1.3s	pmx	pmx		
LPSR	comp=E,50nm,1.1s	smx	smx		
LPSR	comp=E,390nm,1.6s	smx	smx		
LPSR	comp=Z,30nm,1.1s	smx	smx		
LPSR	comp=N,170nm,1.7s	MLR	MLR		
LPSR	comp=E,3um,18.0s	MLR	MLR		
LPSR	comp=Z,1um,18.0s	MLR	MLR		
LPSR	comp=N,1um,13.0s	MLR	MLR		
PTL	Penteli	24.38 296 P	P	06 01 05.5 -0.6	
PTL	Penteli	24.38 296 P	P	06 01 05.5 -0.6	
PTL	Penteli	24.38 296 P	P	06 01 05.5 -0.6	
EREA	Ererita	24.40 297 P	P	06 01 05.6 +0.2	
VLY	Youla, Athens	24.40 296 P	P	06 01 05.9 -0.3	
VLY	Youla, Athens	24.40 296 P	P	06 01 05.9 -0.3	
VLY	Youla, Athens	24.40 296 P	P	06 01 05.9 -0.3	
SZH	Sztrazhica	24.41 310 P	P	06 01 04.9 -1.4	
ATHU	Athens Unvers	24.43 296 P	P	06 01 08.3 +1.8	
ATHU	Athens Unvers	24.43 296 P	P	06 01 08.3 +1.8	
ATHU	Athens Unvers	24.43 296 P	P	06 01 08.3 +1.8	
PGOR	Pogonanie	24.45 314 i/P	P	06 01 09.4 +2.8	
FURI	Furi	24.46 213 eP	P	06 01 07.1 -0.2	
FURI	Furi	24.46 213 eP	P	06 01 07.1 -0.2	
KIS	Kishinev	24.48 320 eP	P	06 01 05.0 -1.8	
KIS					
KIS	comp=N,900nm,1.5s	eS	S	06 05 22.0 -4.9	
KIS		LRM	MLR	06 14 05.0	
KIS	Kishinev	24.48 320 eP	P	06 01 05.0 -1.8	
KIS				06 01 04.0	
KIS				06 05 22.0 -4.9	
KIS				06 06 30.0	
KIS	comp=Z,9um,1.5s	pmx	pmx		
KIS	comp=Z,1um,4.0s	pmx	pmx		
KIS	comp=N,1um,1.6s	pmx	pmx		
KIS	comp=E,1um,1.4s	MLR	MLR		
KIS	comp=Z,2um,14.0s	MLR	MLR		
KIS	comp=N,900nm,1.10s	eP	P	06 01 05.0 -1.8	
ATH	Athens Observa	24.48 296 P	P	06 01 08.9 +1.9	
ATH	Athens Observa	24.48 296 P	P	06 01 08.9 +1.9	
ATH	Athens Observa	24.48 296 P	P	06 01 08.9 +1.9	
LEOM	Leova	24.50 318 i/P	P	06 01 07.2 -0.2	
ANKY	Antikythira Is	24.53 291 P	P	06 01 07.2 -0.2	
ANKY	Antikythira Is	24.53 291 P	P	06 01 07.2 -0.2	
ANKY	Antikythira Is	24.53 291 P	P	06 01 07.2 -0.2	
KAVA	Kavala	24.60 303 P	P	06 01 07.1 -0.9	
KAVA	Kavala	24.60 303 P	P	06 01 07.1 -0.9	
KAVA	Kavala	24.60 303 P	P	06 01 07.1 -0.9	
RZN	Rozhen	24.67 305 P	P	06 01 07.0 -1.9	
GRER	Gravice	24.69 315 i/P	P	06 01 08.3 -0.6	
PETR	Petresti	24.71 316 i/P	P	06 01 08.3 -0.6	
KYTH	Kithira	24.78 292 P	P	06 01 10.5 +0.7	
KYTH	Kithira	24.78 292 P	P	06 01 10.5 +0.7	
KYTH	Kithira	24.78 292 P	P	06 01 10.5 +0.7	
OUR	Ouranopolis	24.80 302 P	P	06 01 12.3 +2.5	
OUR	Ouranopolis	24.80 302 P	P	06 01 12.3 +2.5	
OUR	Ouranopolis	24.80 302 P	P	06 01 12.3 +2.5	
SULR	Sulodiv	24.81 313 i/P	P	06 01 09.3 -0.3	
PLD	Plovdiv	24.82 306 P	P	06 01 09.3 -0.7	
VILL	Villia	24.83 296 P	P	06 01 08.8 -1.4	
KRND	Kranidi	24.83 295 P	P	06 01 11.0 +0.9	
ISR	Istria	24.83 314 i/P	P	06 01 11.1 +1.0	
SKIA	Skiathos	24.91 299 P	P	06 01 11.2 +0.4	
VLI	Veliai	24.91 293 P	P	06 01 09.5 -1.4	
VLI	Veliai	24.91 293 P	P	06 01 09.5 -1.4	
VLI	Veliai	24.91 293 P	P	06 01 09.5 -1.4	

PAIG	Paliouri	24.92 301 P	P	06 01 13.0 +2.1	
PAIG	Paliouri	24.92 301 P	P	06 01 13.0 +2.1	
PAIG	Paliouri	24.92 301 P	P	06 01 13.0 +2.1	
SRIA	Simia	25.04 298 P	P	06 01 13.4 +1.3	
VRI	Vrincioaia	25.08 316 P	P	06 01 12.6 +0.3	
VRI	Vrincioaia	25.08 316 i/P	P	06 01 12.6 +0.3	
VRI	Vrincioaia	25.08 316 P	P	06 01 12.6 +0.3	
SECR	Secur	25.09 313 i/P	P	06 01 16.7 +4.3	
NEO	Neokhori	25.12 299 P	P	06 01 15.8 +3.0	
NEO	Neokhori	25.12 299 P	P	06 01 15.8 +3.0	
NEO	Neokhori	25.12 299 P	P	06 01 15.8 +3.0	
PLOR	Plor	25.12 316 i/P	P	06 01 15.8 +3.0	
ATAL	Atalanti	25.15 298 P	P	06 01 13.0 0.0	
ATAL	Atalanti	25.15 298 P	P	06 01 13.0 0.0	
ATAL	Atalanti	25.15 298 P	P	06 01 13.0 0.0	
LKR	Lokris	25.16 297 P	P	06 01 12.8 -0.3	
LKR	Lokris	25.16 297 P	P	06 01 12.8 -0.3	
LKR	Lokris	25.16 297 P	P	06 01 12.8 -0.3	
NVR	Neurokopi	25.18 304 P	P	06 01 13.3 0.0	
NVR	Neurokopi	25.18 304 P	P	06 01 13.3 0.0	
NVR	Neurokopi	25.18 304 P	P	06 01 13.3 0.0	
PLV	Polygyros	25.21 302 P	P	06 01 13.6 0.0	
PLV	Polygyros	25.21 302 P	P	06 01 13.6 0.0	
PLV	Polygyros	25.21 302 P	P	06 01 13.6 0.0	
PLG	Polygyros	25.21 302 P	P	06 01 13.6 0.0	
BRZS	Berezynki	25.28 33 i/P	P	06 01 15.5 +1.4	
BRZS					
BRZS					
BRZS					
BRZS					
Serrai	Serrai	25.30 303 P	P	06 01 16.7 +2.3	
SRR	Serrai	25.30 303 P	P	06 01 16.7 +2.3	
SRR	Serrai	25.30 303 P	P	06 01 16.7 +2.3	
SRB	Panagyurishte	25.35 307 P	P	06 01 15.4 +0.6	
FYTO	Fytoko, Volos	25.36 299 P	P	06 01 15.7 +0.8	
FYTO	Fytoko, Volos	25.36 299 P	P	06 01 15.7 +0.8	
FYTO	Fytoko, Volos	25.36 299 P	P	06 01 15.7 +0.8	
MLR	Muntele Rosu	25.38 314 P	P	06 01 15.7 +0.5	
MLR					
MLR	comp=N,79nm,1.0s,baz=314,slow=8.8,SNR=46	S	S	06 05 44.8 +3.0	
MLR	Muntele Rosu	25.38 314 i/P	P	06 01 16.9 +1.7	
SOH	Sokhos	25.39 303 P	P	06 01 15.8 +0.5	
SOH	Sokhos	25.39 303 P	P	06 01 15.8 +0.5	
SOH	Sokhos	25.39 303 P	P	06 01 15.8 +0.5	
SOH	Sokhos	25.39 303 P	P	06 01 15.8 +0.5	
SORC	Soroca	25.40 322 i/P	P	06 01 13.8 +1.2	
TESR	Teșești	25.46 317 i/P	P	06 01 14.9 -0.8	
HORT	Hortiatii	25.52 302 P	P	06 01 19.3 +2.8	
HORT	Hortiatii	25.52 302 P	P	06 01 19.3 +2.8	
HORT	Hortiatii	25.52 302 P	P	06 01 19.3 +2.8	
HUMR	Humele	25.56 312 i/P	P	06 01 18.4 +1.7	
THE	Thessaloniki	25.63 302 P	P	06 01 18.2 +0.9	
THE	Thessaloniki	25.63 302 P	P	06 01 18.2 +0.9	
THE	Thessaloniki	25.63 302 P	P	06 01 18.2 +0.9	
THE	Thessaloniki	25.63 302 P	P	06 01 18.2 +0.9	
PDGG	Podgornoye	25.64 52 P	P	06 01 21.4 +4.0	
PDGG					
GOLR		25.71 312 i/P	P	06 01 18.9 +0.9	
KLV	Kalavryta, Ach	25.71 296 P	P	06 01 16.9 -1.3	
KLV	Kalavryta, Ach	25.71 296 P	P	06 01 16.9 -1.3	
KLV	Kalavryta, Ach	25.71 296 P	P	06 01 16.9 -1.3	
AGG	Agios Georgios	25.74 298 eP	P	06 01 18.8 +0.3	
AGG	Agios Georgios	25.74 298 eP	P	06 01 18.8 +0.3	
AGG	Agios Georgios	25.74 298 eP	P	06 01 18.8 +0.3	
ITM	Ithomi	25.77 294 P	P	06 01 18.6 -0.1	
ITM	Ithomi	25.77 294 P	P	06 01 18.6 -0.1	
ITM	Ithomi	25.77 294 P	P	06 01 18.6 -0.1	
KALE	Kalitheia	25.78 297 P	P	06 01 16.5 -2.3	
KALE	Kalitheia	25.78 297 P	P	06 01 16.5 -2.3	
KALE	Kalitheia	25.78 297 P	P	06 01 16.5 -2.3	
MTUR	Matai	25.81 313 i/P	P	06 01 20.4 +1.3	
KNT	Kendrikon	25.82 303 P	P	06 01 19.0 -0.1	
KNT	Kendrikon	25.82 303 P	P	06 01 19.0 -0.1	
KNT	Kendrikon	25.82 303 P	P	06 01 19.0 -0.1	
LIT	Litokhoron	25.85 301 P	P	06 01 15.0 -4.4	
LIT	Litokhoron	25.85 301 P	P	06 01 15.0 -4.4	
LIT	Litokhoron	25.85 301 P	P	06 01 15.0 -4.4	
LIT	Litokhoron	25.85 301 P	P	06 01 15.0 -4.4	
LAKA	Lakka	25.88 296 P	P	06 01 18.3 -1.4	
LAKA	Lakka	25.88 296 P	P	06 01 18.3 -1.4	
LAKA	Lakka	25.88 296 P	P</		

Table with columns: SML, SMC, FCC, PMR, YKA, RC01, PKME, NWA0, KDAD, KDAK, RCBR, LONY, LONY, FFC, FFC, WRA, WRA, WRAB, WRAB, WRAB, WRAB, ULM, USAR, GLMI, EYMN, EDM, EDM, A33A, B34A, COWI, COWI, AG32A, AG32A, B32A, A30A, AAM, CBN, CBN, A29A, MAW, ACSO, ACSO, DGMT, DGMT, PMG, PMG, JFWS, JFWS, BLA, BLA, CNCC, CNCC, WAKE, WAKE, EGMT, EGMT, HDIL, HDIL, ECSD, ECSD, NEW, NEW, SCIA, SCIA, FDF, FDF, NHSC, NHSC, NLWA, NLWA, BOZ, BOZ, RLMT, RLMT, SJG, SJG, HAWA, HAWA, CTAO, CTAO, LKWKY, LKWKY

Table with columns: LKWKY, GOGA, GOGA, BMO, BMO, GRTK, GRTK, KSU1, KSU1, OGNE, OGNE, MIDW, MIDW, BW06, BW06, PDAR, PDAR, PDAR, PDAR, HLID, HLID, AHID, AHID, CBKS, CBKS, SDDR, SDDR, WWOR, WWOR, ISCO, ISCO, BRAL, BRAL, MIAR, MIAR, SNA, SNA, DUG, DUG, GTBY, GTBY, SPB, SPB, SDDO, SDDO, WMOK, WMOK, HNR, HNR, HNR, HNR, NATX, NATX, NVAR, NVAR, ANMO, ANMO, CAN, CAN, SDV, SDV, WUAZ, WUAZ, HOPE, HOPE, TAU, TAU, JCT, JCT, MNTX, MNTX, PFO, PFO, TUC, TUC, KVTX, KVTX, TARA, TARA, SAML, SAML, TXAR, TXAR, JOHN, JOHN, BCIP, BCIP, QSPA, QSPA, JTS, JTS, Vnda, Vnda, SBA, SBA, EFI, EFI, TRQA, TRQA, TRQA, TRQA, PMSA, PMSA, NNA, NNA, LCO, LCO, PLCA, PLCA, PLCA, PLCA, PAYG, PAYG

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC

YSS	comp=Z,2um,13.5s	73.71 340	↑P	P	06 57 36.0 +0.4
YSS	Yuzh-Sakhalins		e	S	07 00 24.0
YSS			eS	S	07 07 00.0 +3.7
YSS			e	S	07 07 36.0
YSS	comp=Z,2um,6.1s			pmax	pmax
YSS	comp=Z,170nm,0.7s	73.71 340	eP	P	06 57 36.4 +0.8
YSS	Yuzh-Sakhalins	73.94 282	eP	P	06 57 37.8 +0.1
IPM	Iloh				
SKR	Severo-Kuril's	73.95 350	eP	P	06 57 30.0 -6.8
SKR			e	S	06 57 49.0
SKR			ePPP	PPP	07 02 09.0
SKR			eS	S	07 07 02.0 +3.3
SKR			eS	PnS	07 07 38.0 -1.2
SKR			e	S	07 07 39.0
SKR			eSS	SS	07 11 47.0 +0.6
SKR				pmax	pmax
SKR	comp=N,640nm,1.5s			pmax	pmax
SKR	comp=E,640nm,1.5s			pmax	pmax
SKR	comp=Z,800nm,1.5s			pmax	pmax
SKR	comp=E,2um,4.0s			pmax	pmax
SKR	comp=Z,2um,4.0s			pmax	pmax
SKR	comp=N,2um,16.0s			smax	smax
SKR	comp=E,3um,16.0s			smax	smax
SKR	comp=N,2um,16.0s			MLR	MLR
SKR	comp=N,2um,16.0s			MLR	MLR
SKR	comp=E,2um,16.0s			MLR	MLR
SKR	comp=Z,3um,16.0s			MLR	MLR
NJ2	Nanjing	73.98 315	eP	P	06 57 37.4 -0.1
NJ2				pmax	pmax
NJ2	comp=Z,200nm,1.1s			pmax	pmax
NJ2	comp=Z,2um,10.3s			LR	LR
NJ2	comp=Z,2um,22.3s			LR	LR
NJ2	comp=Z,1um,25.5s			LR	LR
NJ2	comp=Z,2um,25.5s			LR	LR
MSTR	Mys Shuitsa	74.59 330	eP	P	06 57 41.6 +0.8
KULM	Kulim	74.62 282	eP	P	06 57 41.6 -0.1
VLA	Vladivostok	74.69 331	cP	P	06 57 42.2 +0.9
VLA			i	P	06 57 56.0
VLA			e'PP	PP	06 58 14.5 +2.4
VLA			e	S	07 00 29.5
VLA			eS	S	07 07 07.1 -0.2
VLA				pmax	pmax
UBPT	Khong Chiam	74.83 294	P	P	06 57 43.9 +1.2
UBPT	comp=Z,139nm,1.9s,comp=Z,3um				
UBPT	Khong Chiam	74.83 294	P	P	06 57 44.2 +1.5
UBPT	comp=Z,139nm,1.9s,comp=Z,3um				
PSI	Prapat	75.18 279	P	P	06 57 43.9 -1.2
PSI	baz=75, SNR=59				
PSI	comp=Z,164nm,1.4s,comp=Z,3um				
ATKA	Atka Island	75.20 9	eP	P	06 57 44.0 0.0
SKLT	Songkhla	75.44 284	P	P	06 57 47.3 +1.0
USRK	comp=Z,400nm,1.2s,comp=Z,3um				
USRK	Ussuriysk Ar	75.49 332	P	P	06 57 46.4 +0.4
USRK	comp=Z,21nm,0.6s, baz=132, slow=2.8, SNR=52				
USRK			PcP	P	06 57 57.0 -1.3
USRK	comp=Z,43nm,0.9s, baz=140, slow=4.5, SNR=12				
USRK	comp=Z,440nm,21.8s, baz=141, slow=32				
USRK		75.78 280	P	P	07 26 15.4
TSI	Tuntungan	75.78 280	P	P	06 57 49.6 +1.3
TSI	comp=Z,286nm,1.2s				
GSI	Gunungsitoli	75.82 277	P	P	06 57 49.0 +0.5
GSI	comp=Z,435nm,1.6s,comp=Z,7um,comp=Z,10um				
GSI	Gunungsitoli	75.82 277	eP	P	06 57 48.8 +0.3
PET	Petropavlovsk	75.85 352	eP	P	06 57 48.0 +0.3
PET			e'PP	PP	06 58 22.8 +4.2
PET			eS	S	07 07 18.6 -1.2
PET				pmax	pmax
PET	comp=Z,104nm,0.6s			pmax	pmax
PET	comp=Z,2um,5.2s			pmax	pmax
PET	comp=Z,2um,8.4s			pmax	pmax
PET	comp=Z,1um,22.0s			MLR	MLR
PET	comp=Z,1um,15.0s			MLR	MLR
PET	Petropavlovsk	75.85 352	eP	P	06 57 47.7 -0.1
PET	comp=Z,52nm,0.6s				
PETK	Petropavlovsk	76.06 351	P	P	06 57 49.5 +0.5
PETK	comp=Z,89nm,0.8s, baz=151, slow=7.0, SNR=45				
PETK			P	PP	06 58 18.8 -1.1
PETK	comp=Z,50nm,0.9s, baz=127, slow=6.3, SNR=7.8				
PETK			LR	LR	07 25 33.7
WHN	Wuhan	76.08 312	↑P	P	06 57 49.7 +0.1
WHN			↑P	PP	06 58 22.3 +1.8
WHN			S	S	07 07 22.3 -1.0
WHN				pmax	pmax
WHN	comp=Z,920nm,1.4s			pmax	pmax
WHN	comp=Z,3um,5.2s			pmax	pmax
WHN	comp=Z,2um,19.3s			LR	LR
MAW	Mawson	76.47 202	P	P	06 57 51.5 +0.3
MAW	comp=Z,62nm,0.7s, baz=119, slow=6.8, SNR=57				
MAW			pP	P	06 58 18.6 -3.5
MAW	comp=Z,66nm,1.1s, baz=58, slow=6.7, SNR=4.9				
MAW			LR	LR	07 26 41.2
TRTT	Trang	76.55 284	P	P	06 57 53.0 +0.4
TRTT	comp=Z,1um,21.5s, baz=104, slow=32				
TRTT	comp=Z,309nm,1.4s				
LASI	Langsa, Aceh	76.71 280	P	P	06 57 55.6 +2.0
DL2	Dalian	76.82 322	P	P	06 57 53.4 -0.2
DL2			S	S	07 07 29.5 -1.5
DL2				pmax	pmax
DL2	comp=Z,730nm,1.4s			pmax	pmax
DL2	comp=Z,2um,6.7s			LR	LR
DL2	comp=Z,570nm,24.9s			LR	LR
DL2	comp=Z,920nm,29.4s			LR	LR
SKNT	Sakolnakkorn	76.89 295	P	P	06 57 54.8 +0.3
SKNT	comp=Z,434nm,1.2s				
MDJ	Mudanjiang	76.89 331	P	P	06 57 54.2 +0.3
MDJ			pP	PP	06 58 26.6 +1.8
MDJ			sP	SP	06 58 39.3 +1.3
MDJ			S	S	07 07 30.9 -0.6
MDJ			sS	SS	07 08 28.9 +4.0
MDJ				pmax	pmax
MDJ	comp=Z,130nm,1.7s			pmax	pmax
MDJ	comp=Z,1um,7.1s			LR	LR
MDJ	comp=Z,790nm,32.3s			LR	LR
MDJ	comp=Z,1um,36.1s			LR	LR
MDJ	comp=Z,3um,38.0s			LR	LR
MDJ	Mudanjiang	76.89 331	eP	P	06 57 54.2 +0.3
MDJ	comp=Z,263nm,1.4s				
TPTI	Tianjin	76.95 279	P	P	06 57 55.4 +0.5
TPTI	comp=Z,210nm,1.1s,comp=Z,5um				
SRAK	Srakaw	77.17 291	P	P	06 57 54.6 -1.5
SRAK	comp=Z,201nm,1.4s,comp=Z,3um				
TYV	Tymovskoe	77.21 342	eP	P	06 57 59.0 +3.6
TYV			e	S	07 00 50.0
TYV				pmax	pmax
TYV	comp=Z,35nm,0.8s			pmax	pmax
TYV	comp=Z,2um,6.0s			pmax	pmax
KHON	Khomkaen	77.57 294	P	P	06 57 59.0 +0.7
KHON	comp=Z,112nm,1.1s,comp=Z,2um				
HABR	Khabarovsk	77.70 336	cP	P	06 57 57.0 -1.2
HABR			e	PP	06 58 29.4 +0.1

HABR	e'SP	sP	06 58 43.6 +1.2		
HABR	e	PPP	07 00 53.1		
HABR	ePPP	PPP	07 02 41.1		
HABR	eS	S	07 07 37.7 -2.4		
HABR	e	S	07 08 03.0		
HABR	e'SS	sS	07 08 34.5 +1.0		
HABR	eSS	SS	07 12 40.3 -3.0		
HABR	eSSS	SSS	07 16 05.2		
HABR		pmax	pmax		
HABR	comp=Z,1um,2.7s		pmax	pmax	
HABR	comp=E,68nm,2.2s		pmax	pmax	
HABR	comp=N,85nm,2.2s		pmax	pmax	
HABR	comp=Z,214nm,2.2s		pmax	pmax	
HABR	comp=Z,354nm,17.0s		MLR	MLR	
PATY	Pattaya	77.71 290	P	P	06 58 00.7 +1.6
PATY	comp=Z,74nm,1.0s				
Shenyang	77.78 325	↑P	P	06 57 58.8 -0.1	
		pP	PP	06 58 34.8 +4.9	
		S	S	07 07 45.0 +3.7	
			pmax	pmax	
SNY	comp=Z,110nm,2.4s		pmax	pmax	
SNY	comp=Z,2um,12.0s		LR	LR	
SNY	comp=Z,980nm,21.6s		LR	LR	
SNY	comp=Z,1um,22.5s		LR	LR	
PKDT	Phuket	77.79 284	P	P	06 58 00.4 +0.8
LHMI	Lhok Sumawe	77.96 281	P	P	06 58 00.9 +0.4
LHMI	baz=78, SNR=7.8				
LHMI	Lhok Sumawe	77.96 281	P	P	06 58 01.6 +1.1
LHMI	comp=Z,516nm,1.3s,comp=Z,7um				
LHMI	Lhok Sumawe	77.96 281	eP	P	06 58 01.1 +0.6
MLSI	Meulaboh, Aceh	78.06 290	P	P	06 58 00.9 -0.2
MLSI	comp=Z,641nm,1.3s,comp=Z,7um				
CHAI	Chaiyaphum	78.08 293	P	P	06 58 01.3 +0.2
CHAI	comp=Z,33nm,1.0s,comp=Z,390nm				
NONG	Nongkai	78.11 295	P	P	06 58 01.4 +0.2
NONG	comp=Z,175nm,1.4s,comp=Z,14um				
UNV	Unalaska Valle	78.13 13	eP	P	06 58 00.4 -0.1
UNV	comp=Z,121nm,0.9s				
CN2	Changchun	78.25 328	eP	P	06 58 01.1 -0.3
CN2			eP	PP	06 58 36.2 +3.7
CN2			eS	SP	06 58 51.6 +6.0
CN2			eS	S	07 07 48.4 +2.2
CN2	comp=Z,700nm,23.0s			LR	LR
CN2	comp=Z,1um,23.0s			LR	LR
CN2	comp=Z,800nm,24.0s			LR	LR
PHET	Kaeng Krachan	78.78 289	P	P	06 58 06.6 +1.6
PHET	comp=Z,193nm,1.1s				
SLVN	Son La	79.04 298	eP	P	06 58 06.6 +0.2
SLVN	comp=Z,229nm,1.6s				
PBKT	Sadao Pong	79.25 293	P	P	06 58 08.4 +1.0
PBKT	comp=Z,169nm,1.6s,comp=Z,4um				
PBKT	Sadao Pong	79.25 293	P	P	06 58 08.5 +1.0
PBKT	comp=Z,169nm,1.6s,comp=Z,4um				
ENH	Enshi	79.37 309	eP	P	06 58 07.8 -0.2
ENH	comp=Z,225nm,1.4s				
GYA	Guiyang	79.43 304	↑P	P	06 58 10.0 +1.6
GYA			PcP	PP	06 58 17.4 +1.3
GYA			pP	PP	06 58 44.6 +5.0
GYA			sP	SP	06 58 59.0 +6.3
GYA			sP	SP	07 01 13.8 +3.2
GYA			S	S	07 07 11.2 +1.2
GYA			SKS	SKS	07 08 08.2 -5.6
GYA			SS	SS	07 08 59.4 +6.0
GYA			SS	SS	07 13 12.0 +1.7
GYA				pmax	pmax
GYA	comp=Z,50nm,1.0s			pmax	pmax
GYA	comp=Z,280nm,6.9s			LR	LR
GYA	comp=Z,5um,20.9s			LR	LR
GYA	comp=Z,4um,19.8s			LR	LR
GYA	comp=Z,7um,20.4s			LR	LR
LOEI	Loei	79.43 294	P	P	06 58 07.3 -1.2
LOEI	comp=Z,98nm,2.1s,comp=Z,3um				
NKL	Nikolayevsk	79.80 342	iP	P	06 58 10.0 +0.4
NKL			i	S	06 58 51.0
NKL			eS	S	07 08 08.0 +5.8
NKL				pmax	pmax
NKL	comp=N,22nm,1.0s			pmax	pmax
NKL	comp=Z,170nm,10.0s			pmax	pmax
NKL	comp=Z,2um,10.0s			smax	smax
NKL	comp=N,2um,9.0s			smax	smax
NKL	comp=N,1um,9.0s			smax	smax
SRDT	SRDT	79.86 290	P	P	06 58 12.2 +1.4
SRDT	comp=E,1um,1.4s				
SRDT	SRDT	79.86 290	P	P	06 58 12.3 +1.4
SRDT	comp=E,1um,1.4s,comp=E,17um				
UTHA	Uthaitani	80.11 291	P	P	06 58 13.2 +1.1
UTHA	comp=E,121nm,1.0s,comp=E,996nm				
UTTA	Uttaradit	80.14 294	P	P	06 58 13.3 +1.0
UTTA	comp=E,31nm,1.3s,comp=E,416nm				
NANT	Nan	80.50 295	P	P	06 58 15.2 +1.0
NANT	comp=E,40nm,1.2s,comp=E,525nm				
PAF	Port-aux-Franc	80.51 221	eP	P	06 58 14.8 +1.1
PAF	comp=Z,304nm,1.0s				
KHLT	Khloaem Dam	80.52 290	P	P	06 58 15.6 +1.3
KHLT	Lampang	81.28 294	P	P	06 58 15.2 +0.2
KHLT	comp=E,150nm,1.7s,comp=E,2um				
BJT	Baijiatuu	80.73 320	eP	P	06 58 15.2 +0.2
BJT	comp=E,402nm,1.2s				
BJI	Beijing	80.74 320	P	P	06 58 15.3 +0.3
BJI			S	SS	07 08 33.7 +1.1
BJI			S	SS	07 09 11.2 +4.8
BJI				pmax	pmax
BJI	comp=E,310nm,1.6s			LR	LR
BJI	comp				

VNA1	Neumayer-Stat	87.31	180	P	P	06 58 46.9	-0.9
RSO	Redoubt South	87.38	17	eP	P	06 58 47.9	-0.5
WDC	Whiskeytown Da	87.42	44	eP	P	06 58 50.0	+1.1
RCTC	Reactor, Farmer	87.43	49	P	P	06 58 49.9	+0.9
N02D	Trinity Center	87.53	44	P	P	06 58 51.0	+1.6
KEBM	Edson Butte	87.54	41	eP	P	06 58 50.9	+1.5
BFSC	Mount Baldy Ra	87.54	51	P	P	06 58 50.6	+0.8
MURC	Murrieta	87.57	52	P	P	06 58 50.6	+0.8
LDW2	Cave Junction,	87.60	42	P	P	06 58 51.2	+1.5
E02D	Edwards Air Fo	87.61	51	P	P	06 58 51.2	+1.2
ISA	Isabella, Lake	87.65	50	P	P	06 58 51.0	+0.9
M02C	Callahan	87.66	43	P	P	06 58 51.7	+1.6
O03D	Paynes Creek	87.75	45	P	P	06 58 51.8	+1.3
MONP2	Monument Peak	87.81	53	P	P	06 58 52.3	+1.2
YBH	Yreka Blue Hor	87.93	43	eP	P	06 58 52.8	+1.5
IBP	Imperial Bould	87.94	53	P	P	06 58 53.0	+1.3
CLNS	Chul'man	88.09	336	eP	ePPP	06 58 52.1	+0.4
CLNS				ePP	sP	06 59 41.3	+4.9
CLNS				e		07 02 22.6	
CLNS				ePPP	PPP	07 04 18.4	
CLNS				eSP	SKS	07 09 00.9	-7.6
CLNS				eSS	SKS	07 10 43.4	-0.8
CLNS				pmx	pmx		
CLNS	comp=Z,37nm,1.1s			pmx	pmx		
CLNS	comp=N,20nm,1.1s			pmx	pmx		
CLNS	comp=E,5.0nm,1.0s			pmx	pmx		
CLNS	comp=E,6.0nm,0.8s			pmx	pmx		
CLNS	comp=Z,8.0nm,1.0s			pmx	pmx		
CLNS	comp=N,18nm,1.2s			smx	smx		
CLNS	comp=E,339nm,12.7s			smx	smx		
CLNS	comp=N,793nm,13.4s			smx	smx		
BBRC	Big Bear Solar	88.09	52	P	P	06 58 53.3	+0.8
LRMC	Laurel Mtn Rad	88.12	50	P	P	06 58 53.5	+1.0
PFO	Pinoy Flats O	88.12	53	P	P	06 58 54.2	+1.7
PFO	comp=N,9.3nm,0.7s,baz=252,slow=3.9,SNR=22			pp	pp	06 59 23.8	-0.5
PFO	comp=N,7.2nm,1.0s,baz=58,slow=1.3,SNR=6.1			pp	pp	06 58 53.4	+0.8
PFO	comp=N,124nm,0.9s,SNR=5.5			pp	pp	06 58 53.3	+0.8
PFO	Pinoy Flats O	88.12	53	P	P	06 58 53.3	+0.8
HUMO	Hull Mountain	88.24	42	eP	P	06 58 53.9	+1.2
SWSC	Sam W. Stewart	88.29	53	P	P	06 58 54.2	+1.1
MLAC	Mammoth, Mammo	88.37	48	P	P	06 58 54.8	+1.1
M04C	Macdoel	88.51	43	P	P	06 58 55.4	+1.3
TIN	Tinemaha, Big	88.51	49	P	P	06 58 55.4	+1.2
MPMC	Manual Prospec	88.54	50	P	P	06 58 55.3	+0.8
DAC	Darwin (Calif)	88.58	50	eP	P	06 58 55.2	+0.5
I03D	Drain, OR	88.59	41	P	P	06 58 55.6	+1.3
BELC	Belle Mtn. Jos	88.64	52	P	P	06 58 56.1	+1.2
GSC	Goldstone, Bar	88.67	51	P	P	06 58 56.2	+1.1
LPIG	La Paz	88.70	63	pp	pp	07 02 20.7	-5.3
RC01	Rabbit Creek A	88.73	18	eP	P	06 58 54.6	0.0
IMP	Impah	88.78	297	eP	P	06 58 55.0	-0.8
IMP				ex	x	06 59 41.0	
IMP				ex	x	07 02 14.0	
HEC	Hector,Ludlow	88.79	51	P	P	06 58 56.3	+0.7
BC3	Big Chuckawall	88.88	53	P	P	06 58 57.0	+0.9
TNA	Tin City	88.96	8	eP	P	06 58 55.4	0.0
K04D	Chiloquin, OR	89.00	43	P	P	06 58 57.4	+1.0
GLA	Glamis	89.07	54	P	P	06 58 58.4	+1.5
GRAC	Grapevine Rang	89.08	49	P	P	06 58 58.1	+1.3
J04D	Umpqua Nationa	89.11	42	P	P	06 58 58.1	+1.0
NVAR	Mina Array Bea	89.13	48	P	P	06 58 58.3	+1.0
NVAR	comp=N,64nm,0.8s,baz=226,slow=7.9,SNR=234			pp	pp	06 59 28.3	-0.7
NVAR	comp=N,14nm,0.9s,baz=230,slow=7.3,SNR=5.5			pp	pp	06 59 39.4	-2.6
NVAR	comp=N,48nm,1.0s,baz=226,slow=7.8,SNR=6.4			pp	pp	07 16 21.6	-9.3
NVAR	comp=N,0.3nm,0.6s,baz=101,slow=7.7,SNR=3.5			PKKP	PKKPdf	07 16 36.3	+0.9
NVAR	comp=N,1.4nm,0.6s,baz=45,slow=3.3,SNR=9.9			PKKPbc	PKKPbc	07 24 43.7	+1.4
NVAR	comp=N,1.0nm,0.7s,baz=90,slow=3.5,SNR=7.2			PKPKP	P'P'df	07 31 43.0	
NVAR	comp=N,2um,20.4s,baz=250,slow=3.1			LR	LR	07 31 43.0	
FURC	Furnace Creek,	89.19	50	P	P	06 58 58.2	+1.0
GMRC	Granite Mounta	89.25	52	P	P	06 58 58.8	+0.9
PMR	Palmer	89.31	18	eP	P	06 58 57.1	-0.1
SHOC	Shoshone,14cs	89.33	51	P	P	06 58 58.8	+0.8
IRM	Iron Mountain	89.34	53	P	P	06 58 59.6	+1.5
TUQ	Turquoise Moun	89.37	51	P	P	06 58 59.4	+1.1
G03D	McMinnville, O	89.47	40	P	P	06 58 59.7	+1.3
MOD	Modoc Plateau	89.55	44	eP	P	06 58 59.9	+0.8
Y12C	Blythe	89.61	53	P	P	06 59 00.4	+1.1
J05D	Fort Rock, OR	89.67	42	P	P	06 59 00.9	+1.3
CIT	Chita	89.68	328	eP	pmx	06 58 59.6	+0.3
CIT				pmx	pmx		
SMV	Sawmill	89.71	18	eP	P	06 58 54.4	-4.8
PNL	Popoh Spring	89.85	50	P	P	06 59 01.8	+1.2
DIV	Divide	89.92	19	eP	P	06 58 59.6	-0.6
NEE2	Needles Airpor	90.00	52	P	P	06 59 02.5	+1.3
F04D	Rainier, OR	90.09	39	P	P	06 59 02.3	+1.0
214A	Organ Pipe Nat	90.09	55	P	P	06 59 03.5	+1.3
214A	Organ Pipe Nat	90.09	55	eP	P	06 59 03.5	+1.3
PDMCI	Parker Dam,Lak	90.14	53	P	P	06 59 03.0	+1.2
BILL	Bilibino	90.15	358c	i	P	06 59 01.0	0.0
BILL				pmx	pmx	07 02 33.4	
BILL				pmx	pmx		
BILL	comp=Z,118nm,1.2s			pmx	pmx		
BILL	comp=Z,95nm,1.1s			pmx	pmx		
I05D	Terrebonne, OR	90.16	41	eP	P	06 59 02.9	+1.2

NLWA	Neilton Lookou	90.31	38	eP	P	06 59 03.4	+1.1
SHPR	Sheep Range	90.41	50	eP	P	06 59 04.3	+1.0
LVP	Lakeview Peak	90.43	39	P	P	06 59 04.0	+1.0
KTH	Kantishna Hill	90.45	16	eP	P	06 59 00.7	-2.0
YAK	Yakutsk	90.47	342	P	P	06 59 00.4	-0.2
YAK	comp=Z,1.6nm,0.3s,baz=306,slow=2.2,SNR=10.0			SKS	SKS	07 09 15.0	-7.0
YAK	comp=Z,1.2nm,0.3s,baz=319,slow=2.3,SNR=2.1			ScS	S	07 09 45.9	-0.9
YAK	comp=Z,1.4nm,0.4s,baz=347,slow=2.0,SNR=1.8			LR	LR	07 38 43.3	
YAK	comp=Z,750nm,18.7s,baz=121,slow=3.5			LR	LR	06 59 02.5	-0.1
YAK	Yakutsk	90.47	342	eP	P	07 02 40.0	
YAK				ePPP	PPP	07 04 38.0	
YAK				eS	SKS	07 09 21.1	-1.0
YAK				eS	SS	07 09 50.3	
YAK				eSS	SS	07 15 43.2	-7.8
YAK				pmx	pmx		
YAK	comp=E,9.0nm,0.9s			pmx	pmx		
YAK	comp=N,13nm,1.2s			pmx	pmx		
YAK	comp=Z,288nm,3.5s			pmx	pmx		
YAK	comp=N,209nm,4.1s			pmx	pmx		
YAK	comp=E,169nm,4.3s			smx	smx		
YAK	comp=N,126nm,2.3s			smx	smx		
TRF	comp=E,87nm,2.5s	90.52	16	eP	P	06 59 01.3	-1.8
G05D	Wamic, OR	90.65	41	P	P	06 59 04.9	+1.0
ULN	Thorfare Moun	90.67	323c	P	P	06 59 04.4	+0.2
ULN	Ulanbaatar	90.67	323	P	P	06 59 04.1	0.0
ULN	Ulanbaatar	90.67	323	P	P	06 59 04.3	+0.2
ULN	Ulanbaatar	90.67	323	P	P	06 59 05.1	+0.8
CROR	Criterion Ridge	90.71	41	P	P	06 59 05.5	+0.3
SHL	Shillong	90.79	297	eP	P	06 59 07.0	
BMN	Battle Mountai	90.84	46	eP	P	06 59 06.0	+0.9
GTA	Gaotai	90.87	313	pp	pp	06 59 05.6	+0.3
GTA				pp	pp	06 59 43.1	+6.0
GTA				SKS	SKS	07 09 23.4	-2.4
GTA				pmx	pmx	07 09 52.6	+0.7
GTA	comp=Z,110nm,1.8s			pmx	pmx		
GTA	comp=Z,1um,6.2s			LR	LR		
GTA	comp=Z,510nm,19.0s			LR	LR		
GTA	comp=Z,620nm,24.2s			LR	LR		
BPWA	Bear Paw Mtn,	90.89	15	eP	P	06 59 03.1	-1.4
WVOR	Wild Horse Val	90.89	44	eP	P	06 59 06.1	+0.9
HDW	Hoodspout	90.91	38	P	P	06 59 06.4	+1.3
R11A	Troy Canyon, C	90.97	49	P	P	06 59 06.7	+0.9
R11A	Troy Canyon, C	90.97	49	eP	P	06 59 06.3	+0.5
S0NM	Songino Array	91.02	322	P	P	06 59 05.8	+0.1
S0NM	comp=Z,94nm,1.1s,baz=144,slow=2.6,SNR=148			pp	pp	06 59 39.0	+1.4
S0NM	comp=Z,30nm,1.1s,baz=117,slow=4.5,SNR=4.8			SKS	SKS	07 09 23.3	-2.9
S0NM	comp=Z,0.2nm,0.4s,baz=111,slow=6.3,SNR=2.0			PKKP	PKKPdf	07 16 29.4	+1.6
S0NM	comp=Z,1.6nm,0.7s,baz=279,slow=2.7,SNR=5.0			LR	LR	07 38 02.3	
S0NM	comp=Z,356nm,21.5s,baz=122,slow=3.4			pp	pp	06 59 05.8	+0.1
S0NM	Songino Array	91.02	322	pp	pp	06 59 30.0	+1.4
S0NM				S	SKS	07 09 23.4	-2.9
S0NM				pmx	pmx		
VTHM	Troch	91.07	41	P	P	06 59 06.7	+0.8
MCK	McKinley	91.10	16	eP	P	06 59 04.9	-0.7
LOH	Longmire	91.15	39	eP	P	06 59 06.6	+0.3
PGC	comp=Z,25nm,0.8s	91.23	37	eP	P	06 59 07.7	+1.3
PAX	Paxson	91.45	18	eP	P	06 59 06.1	-1.2
A04D	Lummi Island	91.68	37	P	P	06 59 09.5	+1.0
NAC	Naches	91.72	39	P	P	06 59 09.7	+0.8
B05A	Bryant	91.78	38	P	P	06 59 10.0	+0.9
TUC	Tucson	91.80	56	P	P	06 59 10.6	+0.9
TUC	Tucson	91.80	56	eP	P	06 59 10.1	+1.3
EBG	comp=Z,25nm,1.0s	91.96	39	P	P	06 59 10.8	+0.8
CC0T	Ellensburg	92.17	50	eP	P	06 59 12.6	+1.1
C06D	Cedar City	92.29	38	P	P	06 59 12.8	+1.3
COLA	Leavenworth	92.29	38	P	P	06 59 09.5	-1.6
COLA	College	92.31	16c	P	pmx	06 59 10.2	-0.9
COLA	College	92.31	16	eP	P	06 59 12.2	+0.7
HAWA	Hanford	92.31	40	eP	P	06 59 12.7	+0.7
ELK	Elko	92.32	47	eP	P	06 59 12.7	+0.7
DOT	Dot Lake	92.38	18	eP	P	06 59 11.0	-0.5
ETW	Entiat	92.45	39	P	P	06 59 12.7	+0.3
ILAR	Eielson Array	92.48	16	P	P	06 59 10.6	-1.3
ILAR	comp=Z,17nm,0.9s,baz=230,slow=4.5,SNR=102			pp	pp	06 59 41.2	-2.5
ILAR	comp=Z,22nm,1.0s,baz=233,slow=5.3,SNR=11.2			ScS	S	07 10 07.7	+2.8
ILAR	comp=Z,0.5nm,1.1s,baz=203,slow=19,SNR=2.5			PKKP	PKKPdf	07 16 24.6	-1.1
ILAR	comp=Z,2.7nm,0.8s,baz=33,slow=5.7,SNR=2.3			PKPKP	P'P'df	07 24 32.5	-1.4
ILAR	comp=Z,1.6nm,1.1s,baz=5.6,slow=3.6,SNR=5.3			LR	LR	07 34 47.2	
ILAR	comp=Z,1um,20.4s,baz=224,slow=3.2			P	P	06 59 10.6	-1.3
ILAR	Eielson Array	92.48	16	P			

5d 6h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OBN, AGRB, VSR, VOR, etc.

2011 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TVSB, BIGH, MGR, etc.

220

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BRG, PVCC, VRAC, etc.

HORT	Hortiatias	147.81 312	P	PKPdf	07 05 44.4 +1.3
KARY	Karystos	147.83 307	P	PKPbc	07 05 45.2 -0.9
VAVY	Valandovo	147.86 313	P	PKPbc	07 05 44.9 -1.2
VAVY	Valandovo	147.86 313	i/p	PKPbc	07 05 44.9 -1.2
LAST	Lastithi	147.87 301	P	PKPbc	07 05 46.7 +0.2
LAST	Lastithi	147.87 301	P	PKPbc	07 05 46.7 +0.2
THE	Thessaloniki	147.87 301	P	PKPbc	07 05 46.5 0.0
THE	Thessaloniki	147.87 301	P	PKPdf	07 05 44.3 +1.3
THE	Thessaloniki	147.89 312	P	PKPdf	07 05 44.3 +1.3
CONA	Conrad Observa	147.99 329	i/pPKPdf	PKPdf	07 05 41.9 -1.1
EREA	Eretria	148.07 308	P	PKPdf	07 05 41.2 -2.3
KHC	Kasparske Hory	148.09 332	ePKIKP	PKPdf	07 05 42.3 -0.9
KHC	KHC		e		07 05 46.1
KHC	KHC		MLR		07 09 11.6
KHC	KHC		AMS		08 05 50.0
KHC	Kasparske Hory	148.09 332	ePKP	PKPdf	07 05 42.3 -0.9
KHC	KHC		ex		07 05 46.1
KHC	KHC		x		07 05 55.8
KHC	KHC		epPKP	PKPdf	07 06 17.2 +0.7
KHC	KHC		ep		07 06 38.0
KHC	KHC		ePP		07 09 11.6 -3.5
KHC	KHC		AMS		08 05 50.0
KHC	Kasparske Hory	148.09 332	ePKPdf	PKPdf	07 05 43.1 0.0
DIVS	Divis	148.11 317	i/p	PKPbc	07 05 45.7 +0.7
SKIA	Skiathos	148.13 309	P	PKPdf	07 05 45.0 +1.5
GRG	Griva	148.14 313	eP	PKPdf	07 05 45.0 +1.5
GRG	Griva	148.14 313	P	PKPbc	07 05 45.5 -1.4
WTSB	Winterswijk	148.16 342	ePKPbc	PKPbc	07 05 45.6 -0.9
GERES	GERES Array B	148.25 332	PKPbc	PKPbc	07 05 47.5 +0.5
GERES	GERES		PKPbc	PKPbc	07 06 18.1 -1.9
PTL	Penteli	148.25 307	P	PKPbc	07 05 45.7 -1.6
PTL	Penteli	148.25 307	P	PKPbc	07 05 45.7 -1.6
XOR	Xorichti	148.25 310	P	PKPdf	07 05 44.9 +1.1
XOR	Xorichti	148.25 310	P	PKPdf	07 05 44.9 +1.1
MHLO	Agia Marina, M	148.29 304	P	PKPbc	07 05 46.4 -1.0
IDI	Anoyia	148.43 301	i/p	PKPbc	07 05 47.0 -0.6
IDI	IDI		PKPbc	PKPbc	07 06 18.6 -1.9
IDI	Anoyia	148.31 301	i/p	PKPbc	07 05 47.2 -0.4
IDI	Anoyia	148.31 301	P	PKPbc	07 05 46.7 -0.9
SKO	Skopje	148.31 315	P	PKPbc	07 05 47.2 -0.1
SKO	Skopje	148.31 315	P	PKPbc	07 05 46.2 -1.3
ATHU	Athens Unvers	148.34 307	P	PKPbc	07 05 46.2 -1.3
ATHU	Athens Unvers	148.34 307	P	PKPbc	07 05 46.2 -1.3
VLY	Voula,Athens	148.37 307	P	PKPbc	07 05 45.9 -1.7
VLY	Voula,Athens	148.37 307	P	PKPbc	07 05 45.9 -1.7
ATH	Athens Observa	148.39 307	P	PKPbc	07 05 45.8 -1.8
ATH	Athens Observa	148.39 307	P	PKPbc	07 05 45.8 -1.8
FYTO	Fytokos, Volos	148.41 310	P	PKPbc	07 05 46.0 -1.6
FYTO	Fytokos, Volos	148.41 310	P	PKPbc	07 05 46.0 -1.6
SMIA	Simia	148.43 301	P	PKPbc	07 05 46.5 -1.2
SMIA	Simia	148.43 301	P	PKPbc	07 05 46.5 -1.2
SIVA	Sivas	148.44 301	P	PKPbc	07 05 47.9 +0.1
LIT	Litokhoron	148.45 311	P	PKPbc	07 05 46.5 -1.2
LIT	Litokhoron	148.45 311	P	PKPbc	07 05 46.5 -1.2
ARSA	Arzberg	148.56 328	i/pPKPdf	PKPdf	07 05 42.7 -1.4
GRFO	Grafenberg	148.61 335	ePKPdf	PKPbc	07 05 45.9 -1.9
VILL	Villia	148.62 307	P	PKPdf	07 05 46.0 +1.6
ATAL	Atalanti	148.63 309	P	PKPdf	07 05 43.4 -1.0
ATAL	Atalanti	148.63 309	P	PKPdf	07 05 43.4 -1.0
LKR	Lokris	148.66 309	P	PKPbc	07 05 46.5 -1.8
LKR	Lokris	148.66 309	P	PKPbc	07 05 46.5 -1.8
MOA	Molin	148.73 330	i/pPKPdf	PKPdf	07 05 42.8 -1.4
KOGS	Kog	148.75 326	i/pPKP	PKPdf	07 05 42.6 -1.6
KOGS	KOGS		ePKPbc	PKPbc	07 05 51.8 -0.9
KOGS	KOGS		ePKPab	PKPab	07 05 58.1 +5.7
KOGS	KOGS		e		07 06 16.9
VAM	Vamos	148.82 302	P	PKPbc	07 05 48.3 -0.5
VAM	Vamos	148.82 302	P	PKPbc	07 05 48.3 -0.5
MA	Mera	148.84 318	i/pPKP	PKPbc	07 05 48.1 -0.8
KZN	Kozani	148.85 312	P	PKPbc	07 05 47.1 -1.7
PLE	Plejevia	148.90 319	i/pPKP	PKPbc	07 05 48.7 -0.2
WPM1	Pennameawr	148.90 355	eP	PKPab	07 05 52.6 -0.1
WFL1	Lyneaes	148.91 351	eP	PKPbc	07 05 46.9 -1.5
PVY	Plav	148.94 317	i/pPKP	PKPbc	07 05 48.2 -0.8
IMMV	Iera Moni Meta	148.97 302	P	PKPbc	07 05 48.1 -0.8
AGG	Agios Georgis	149.00 310	P	PKPdf	07 05 44.0 -1.1
AGG	Klokotos Trika	149.00 311	P	PKPbc	07 05 47.0 -2.1
KRD	KRAMIDI	149.01 306	P	PKPbc	07 05 47.5 -1.7
KRD	Gavdhos	149.01 306	P	PKPbc	07 05 47.5 -1.7
GVD	Gavdhos	149.06 301	P	PKPbc	07 05 47.8 -1.6
CWF	Charnwood Fore	149.13 352	eP	PKPbc	07 05 47.6 -1.4
THAL	Thalero	149.14 308	P	PKPbc	07 05 48.1 -1.4
OHR	Ohrad	149.14 314	i/p	PKPbc	07 05 48.3 -1.2
MAKR	Makrakomi, Fth	149.15 310	P	PKPbc	07 05 48.0 -1.5
PERS	Pernice	149.19 328	ePKP	PKPdf	07 05 48.1 -1.0
PERS	PERS		ePKPbc	PKPbc	07 06 31.1
FOEL	Foel Wyfna	149.20 354	eP	PKPbc	07 05 48.3 -0.9
SOKA	Soboth	149.20 328	i/pPKPdf	PKPdf	07 05 43.6 -1.5
UPM	Unac-Piva	149.26 319	ePKP	PKPbc	07 05 49.4 -0.5
NEST	Nestorio	149.30 313	P	PKPbc	07 05 48.9 -1.1
BLV	Banja Luka	149.35 323	i/p	PKPbc	07 05 49.6 -0.2
ASCN	Ascension	149.38 168	ePKPbc	PKPbc	07 05 52.0 +1.2
ANKY	Antikythira Is	149.38 303	P	PKPdf	07 05 47.4 +1.8
ANKY	Antikythira Is	149.38 303	P	PKPdf	07 05 47.4 +1.8
KALE	Kalitheas	149.39 309	P	PKPbc	07 05 49.3 -0.9
VLI	Veliai	149.40 305	P	PKPdf	07 05 47.6 +2.0
VLI	Veliai	149.40 305	P	PKPdf	07 05 47.6 +2.0
EVR	Evyrtania	149.42 310	P	PKPbc	07 05 49.7 -0.6
EVR	Evyrtania	149.42 310	P	PKPbc	07 05 49.7 -0.6
NKISY	Nikisya	149.42 318	i/pPKP	PKPbc	07 05 49.5 -0.7
KYTH	Kithira	149.46 304	P	PKPbc	07 05 49.4 -1.0
KYTH	Kithira	149.46 304	P	PKPbc	07 05 49.4 -1.0
PDG	Podgorica	149.47 318	P	PKPbc	07 05 49.8 -1.2
TTG	Podgorica	149.47 318	i/pPKP	PKPbc	07 05 49.8 -1.2
PDG	Podgorica	149.47 318	P	PKPbc	07 05 49.8 -1.2
NKME	Niksic	149.47 318	i/pPKP	PKPbc	07 05 49.5 -0.7
NKME	Heimangroevie	149.48 342	ePKPbc	PKPdf	07 05 47.3 +2.0
HGN	HGN		ePKPab	PKPbc	07 05 49.5 -0.2
HGN	HGN		epPKPbc	PKPbc	07 06 20.8 -2.1
HGN	HGN		ePP	PKPbc	07 09 20.7 -2.1
HGN	HGN		eSKSP	PKPbc	07 19 18.5
KLV	Kalavryta, Ach	149.51 308	P	PKPbc	07 05 49.9 -0.6
BEEN	Eben Emael	149.52 342	PKP	PKPbc	07 05 49.4 -0.6
LAKA	Lakta	149.56 308	P	PKPbc	07 05 50.1 -0.5
MEM	Membach	149.59 342	PKP	PKPbc	07 05 49.5 -0.7
CEME	Cevo	149.62 318	i/pPKP	PKPbc	07 05 49.6 -1.0
TIR	Tirane	149.64 315	ePKPbc	PKPbc	07 05 50.2 -0.4
DRME	Dracevica, Mon	149.64 317	i/pPKP	PKPbc	07 05 50.0 -0.6
BRY	Bratogost	149.65 319	ePKP	PKPbc	07 05 49.8 -1.2
ULC	Ulcinj	149.72 317	i/pPKP	PKPbc	07 05 50.1 -0.8
KBA	Koelinbreinsper	149.72 300	i/pPKPdf	PKPdf	07 05 49.9 -2.2
BUM	Brajici-Budva	149.76 318	i/pPKP	PKPbc	07 05 50.1 -0.9
JAN	Janina	149.78 312	P	PKPbc	07 05 51.0 -0.1
JAN	Janina	149.78 312	P	PKPbc	07 05 51.0 -0.1
UCC	Uccle 344	PKP	PKPbc	PKPbc	07 05 50.3 -0.5
LJU	Ljubljana	149.90 327	i/pPKP	PKPdf	07 05 45.1 -1.0
LJU	LJU		i/pPKbc	PKPbc	07 05 50.6 -0.6
LJU	LJU		ePKPab	PKPbc	07 05 58.9 +1.9
LJU	LJU		epPKPab	PKPbc	07 06 21.7 +2.3
LJU	LJU		ePP	PKPbc	07 07 12.2 -1.8
LJU	LJU		PKP	PKPbc	07 09 26.8 +1.1
MYKA	Terra Mystica	149.91 329	i/pPKPdf	PKPdf	07 05 44.4 -1.8
HCY	Herceg Novi	149.93 117	i/pPKP	PKPbc	07 05 50.2 -1.1
ECLA	Clavier	149.95 342	PKP	PKPbc	07 05 50.0 -1.0
ITM	Itom	150.00 306	P	PKPdf	07 05 43.8 -2.8
ITM	Itom	150.00 306	P	PKPdf	07 05 43.8 -2.8
RLS	Riolos of Patr	150.00 308	P	PKPbc	07 05 51.6 0.0
MCH1	Michaelchurch	150.06 353	eP	PKPbc	07 05 49.9 -1.3
STU	Stuttgart	150.13 336	ePKPbc	PKPbc	07 05 51.8 -0.1
SNF	Senefee	150.16 344	PKPbc	PKPbc	07 05 50.1 -1.2
SNF	SNF		PKPbc	PKPbc	07 05 51.8 -0.6
STON	Ston	150.18 320	P	PKPdf	07 05 44.6 -2.1
IGT	Igoumenitsa	150.19 312	eP	PKPdf	07 05 46.3 -0.5
IGT	Igoumenitsa	150.19 312	P	PKPbc	07 05 51.0 -1.0

UDBI	Udbina	150.27 324	P	PKPdf	07 05 44.9 -2.0
WATA	Walderalm	150.32 332	i/pPKPdf	PKPdf	07 05 45.5 -1.5
WATA	Walderalm	150.32 332	P	PKPbc	07 05 45.5 -1.5
WBTA	Waltersberg	150.35 330	i/pPKPdf	PKPdf	07 05 45.3 -1.7
WBTA	Waltersberg	150.35 330	P	PKPbc	07 05 45.3 -1.7
VAL	Valentia	150.37 2 eP	PKPbc	PKPbc	07 05 48.6 +2.0
WLF	Walferdange	150.39 341	PKP	PKPbc	07 05 47.5 +0.8
WLF	Walferdange	150.39 341	ePKPbc	PKPbc	07 05 52.2 +0.1
WLF	Walferdange	150.39 341	ePKPab	PKPbc	07 05 59.7 +0.8
SWNI	Swindon	150.40 352	eP	PKPbc	07 05 51.0 -1.1
LANF	Langenberg	150.45 338	PKP	PKPbc	07 05 51.9 -0.5
DOU	Dourbes	150.45 343	PKP	PKPbc	07 05 51.6 -0.6
KER	Kerkrade	150.47 312	eP	PKPbc	07 05 52.0 +0.7
TRI	Trieste	150.51 328	ePKPdf	PKPdf	07 05 46.2 -0.9
TRI	Trieste	150.51 328	ePKPbc	PKPbc	07 05 51.4 -1.2
META	Moosalm	150.52 333	i/pPKPdf	PKPdf	07 05 46.3 -1.0
META	Moosalm	150.52 333	P	PKPbc	07 05 46.3 -1.0
VLS	Valsamata	150.59 309	P	PKPbc	07 05 51.5 -1.5
BFO	Black Forest	150.81 337	i/pPKP	PKPbc	07 05 52.8 -0.5
BFO	Black Forest	150.81 337	ePKPbc	PKPbc	07 05 52.6 -0.6
FETA	Feichten	150.93 333	i/pPKPdf	PKPdf	07 05 45.9 -2.0
FETA	Feichten	150.93 333	P	PKPbc	07 05 45.9 -2.0
HAX	Exmoor	151.07 354	eP	PKPbc	07 05 53.1 -0.6
DAVA	Damuels	151.07 334	i/pPKPdf	PKPdf	07 05 45.7 -2.5
DAVA	Damuels	151.07 334	P	PKPbc	07 05 45.7 -2.5
ECH	Echery	151.33 338	PKP	PKPbc	07 05 53.6 -0.8
DAVOX	Davos/Dischmat	151.48 333	PKP	PKPdf	07 05 48.4 -0.4
DAVOX	DAVOX		PKPbc	PKPbc	07 05 54.6 -0.4
DAVOX	DAVOX		PKPbc	PKPbc	07 06 26.3 -1.8
DAVOX	DAVOX		PKPbc	PKPbc	07 09 35.8 +1.0
MOF	Molkenrain	151.65 338	PKP	PKPbc	07 05 54.5 -0.8
THEF	They Montfort	151.71 340	PKP	PKPbc	07 05 54.5 -0.8
THEF	They Montfort	151.71 340	PKP	PKPbc	07 05 54.5 -0.8
STUE	Stuetta	151.95 334	ePKPdf	PKPdf	07 05 50.3 +0.7
LOMF	Lomont	152.18 338	PKP	PKPbc	07 05 56.0 -0.5
TIP	Tipingrande	152.79 314	ePKPbc	PKPbc	07 05 48.1 +0.1
RSL	Roseland	153.67 336	PKP	PKPbc	07 06 12.5 -0.5
BNI	Bardonecchia	154.18 335	ePKPdf	PKPdf	07 05 52.3 -0.4
BNI	Bardonecchia	154.18 335	ePKPbc	PKPbc	07 06 01.3 +0.2
AG2	Saint Agoulin	154.27 334	PKP	PKPbc	07 06 15.1 -0.5
AG2	Saint Agoulin	154.27 334	PKP	PKPbc	07 06 17.2 +0.7
PYM	Petit Puy Mans	154.84 341	PKP	PKPbc	07 06 18.6 +0.7
LYCF	Luceram	154.86 333	PKP		

Table with columns: IZEF, comp=N, 2j,m,0.4s, eAMB, AMB, 07 33 33.2, NASN Na'in, 2.66 20 ePn, Pb, 07 32 36.7 -1.2, etc.

ISCJB 05 07:39:54.7±0.6, 27.25N±0.06, 143.74E±0.05, h10km, mb3.8/15, Error ellipse: s-maj=8.8km s-min=5.1km

IDC 05 07:39:54.1±0.7, 27.03N±1.43, 77E, h0km, mb3.8/14, mb1.4/0.16, mb1mx3.9/32, mbtmp3.8/16, ML3.7/2, Error ellipse: s-maj=18.4km s-min=17.0km az=90.0

NEIC 05 07:39:57.0±0.5, 27.02N±1.43, 69E, h18km±34km, mb4.5/2, Error ellipse: s-maj=16.3km s-min=9.5km az=98.0

JMA 05 07:39:55.0±0.3, 27.30N±1.43, 60E, h0km, M3.6, ISC 05 07:39:55.0±0.6, 27.13N±0.07, 143.69E±0.06, h10km, n33, ±19/39, mb3.8/15, Bonin Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s ISC, CBJJ Chichi jima, 1.34 269 P, Pb, 07 40 20.7 -0.2, etc.

Table with columns: ZALV Zalesovo Beam, 50.34 319 P, P, 07 50 11.0 -0.1, ASAR Alice Springs, 51.38 192 P, P, 07 48 58.9 -1.9, MKAR Makanchi Array, 51.48 310 P, P, 07 49 02.4 +1.1, etc.

CSEM 05 07:42:40.4±0.2, 38.44N±21.04E, h30km, ML2.5, Error ellipse: s-maj=4.7km s-min=4.3km az=37.0

ATH 05 07:42:39.8, 38.40N±21.03E, h38km±2km, MD2.6/10, Greece

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, PDO Prodomos, 0.23 31 P, Pn, 07 42 45.8 -2.5, etc.

ISCJB 05 07:49:20.4±0.5, 50.02N±0.04, 18.49E±0.03, h0km, Error ellipse: s-maj=5.9km s-min=2.6km az=4.6

CSEM 05 07:49:21.4±0.3, 50.00N±18.50E, h2km, ML2.7/10, Error ellipse: s-maj=8.2km s-min=3.4km az=178.0

IPEC 05 07:49:21.3±0.2, 49.96N±18.61E, h5km±1km, ML2.0/3, PRU 05 07:49:22.6±0.2, 49.92N±18.61E, h1km az=160.0

VIE 05 07:49:23.0±0.8, 49.72N±18.46E, h0km, mb1.6/1, ml2.3/2, Error ellipse: s-maj=7.1km s-min=2.7km az=121.0

Suspected Mining induced. ISC 05 07:49:22.1±0.8, 50.01N±0.04, 18.54E±0.02, h0km, n26, ±16/41, T, Poland

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, OKC Ostrava-Krasne, 0.30 237 Op, P, 07 48 27.8 -0.1, etc.

Table with columns: MOA, 5.5nm,0.6s, 3.55 234 Sg, Sg, 07 51 13.7 -2.4

IDC 05 07:56:17.7±0.8, 36.76N±69.39E, h0km, mb3.7/11, mb1.3/9.17, mb1mx3.7/64, mbtmp3.8/17, ML3.5/6, Error ellipse: s-maj=16.0km s-min=13.3km az=154.0

ISCJB 05 07:57.2±0.3, 0.4, 36.96N±0.64, 25E±0.06, h37km, mb3.6/12, Error ellipse: s-maj=6.9km s-min=5.1km az=172.3

NINC 05 07:56:23.6±0.5, 37.08N±68.82E, h99km±119km, mb3.7, mpv4.0, Error ellipse: s-maj=49.7km s-min=45.5km az=37.0

ISC 05 07:56:22.7±0.5, 36.93N±0.06, 69.16E±0.06, h37km, n44, ±27/42, mb3.6/12, BC-SD, Hindu Kush region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, CEP Cherat, 3.83 143 P, Pn, 07 57 23.6 +4.4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Signal de Mont, La Druitiere, Feichten, La Foliniere, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DHMR 05 08:37:57.21.2, ISCBJ 05 08:57:59.4.0.7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array Be, TORD Torodi Ar, Be, GERES GERES Array B, etc.

DHMR 05 08:55:28.6.1.1, 1210N-44'05E, h14km, 18km, ML4.1, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAREWAREWA, TAUREWA, OTURERE, NGAUROHUE, etc.

KRNET 05 08:57:49.8.0.1, 43'15N-78'35E, h21km, mb2.5, IASPEI 05 08:57:50.3.0.9, 43'17N-0'03:78'36E, 0.02 h 11km, 6km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZHN Zhinshike, SATY Saty, KURS Kuram, etc.

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

IDC 05 08:59:11.5.2.5, 8'09N-89'63W, h0km, mb3.5/4, mb1 3.9/4, mb1mx3.6/24, mbtmp3.5/4, Error ellipse: s-maj=207.5km s-min=24.3km az=57.0, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TXAR Lajitas Array, LPAZ La Paz, PDAR Pinedale Array, etc.

ISCJB 05 09:26:23.2.0.5, 20'61S-0'03:69'00W, 0'09, h115km, 7km, mb3.7/4, Error ellipse: s-maj=14.6km s-min=5.2km az=176.3

GUC 05 09:26:24.8.0.5, 20'65S-69'25W, h111km, 3km, ML3.8, IDC 05 09:26:25.1.4, 20'67S-68'67W, h116km, 15km, mb3.5/4, mb1 3.5/6, mb1mx3.3/27, mbtmp3.8/6, Error ellipse: s-maj=37.6km s-min=14.9km az=104.0

ISC 05 09:26:23.7.0.8, 20'61S-0'04:68'99W, 0'10, h109km, 9km, n16, <=102/25, mb3.6/4, 3C-4D, Chile-Bolivia border region

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

Table with columns: Station Name, Frequency, Power, Modulation, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like Chengdu, Enshi, Koldanda, etc.

Table with columns: Station Name, Frequency, Power, Modulation, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like Mount Isa, Baolou, Coen, etc.

Table with columns: Station Name, Frequency, Power, Modulation, Direction, Azimuth, Elevation, SNR, and other technical details. Includes stations like Ala-Archa, Bishkek, Chumysh, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KURBB Kurchatov Arra, KURKB Kurchatov, KURK Kurchatov, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SVE, ZEI, ZEI, ZEI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOS Moscow, MOS Moscow, MOS Moscow, etc.

Table with columns: Name, Address, City, State, Zip, Date, Time, Status, and other details. Includes entries like GOPC, MOA, PRU, PVCC, GERES, BRG, KHC, KBA, CLL, ABTA, HFS, MOTA, FETA, NB2, NOA, DAVOX, DAVA, JMJC, TORD, ILAR, INK, INK, INK, TBI, PPT2, YKA, YKA, RKT, B05A, NEW3, NEW3, NEW3, L02D, J04D, J05D, M02C, N02D, S02M, S04C, M04C, SWMT, O03D, M0D, S0D, MSO, MFID.

Table with columns: Name, Address, City, State, Zip, Date, Time, Status, and other details. Includes entries like MFID, DLMT, MCMT, QLMT, NVAR, B25A, RLMT, ELK, ELK, ELK, ULM, A29A, C26A, B28A, A30A, R11A, R11A, MDND, B31A, MPMC, A33A, BW06, PDAR, PDAR, PDAR, FURC, D28A, LRMC, B32A, DUG, DUG, DUG, EDW2, C30A, C31A, B33A, F26A, B34A, D30A, F27A, N7U, GSC, B35A, C33A, G26A, F28A, G27A, E30A, C34A, HEC, C35A, RSSD, RSSD, RSSD, MURC, D33A, H26A, K22A, K22A, I25A, MSU, FMUT, G28A, GMRC, PFO, PFO, D35A, E33A, BELC, H28C, I27A, G30A, M35A, MONP, IRM, F33A, BC3, I20A, I20A, O20A, E36A, IBP, J27A, F35A.

Table with columns: Name, Address, City, State, Zip, Date, Time, Status, and other details. Includes entries like J28A, N23A, Y12C, F36A, G34A, I30A, J29A, K28A, J30A, PLCA, PLCA, I32A, PV01, H35A, K29A, WUAZ, WUAZ, J32A, K30A, H36A, ECSD, ECSD, H37A, MVCO, J33A, K31A, K32A, J34A, I37A, L31A, Q24A, N28A, W18A, W18A, J36A, N29A, M31A, L35A, K3C0, K38A, T25A, ANMO, LAZ, T21A, KSU1, P37A, M3X7, I30TX, I30TX, V34A, OLIL, WMOK, W34A, CPUP, TUL1, SIUC, W39A, X35A, Y34A, Z30A, X36A, Z33A, ABTX, ABTX, PARMO, W38A, Y35A, Z30A, Z34A, X37A, Z31A, TXAR, X38A, Y36A, GLAT, Z35A, UTMT, Z32A, YVWC, GNAF, G31A, Y37A, B1A, I34A, HALT, Z33A, HBAR, MIAR, MIAR, Z36A, Z32A, WVT, Y38A, Z31A, S30A, UALR, I35A.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Clairette, Lockesburg, Menard, Pogge Cattle C, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Limon Verde, La Paz, MDOK Medeo, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BVAO Borovoye Array, ZALV Zalesovo Beam, MK31 Makanchi Array, etc.

5d 12h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like IBAF, KRBR, ASAO, ANVS, etc.

MOS 05 11:30:08.2, 2.50, 18N:158.81E, h84km, mb4.3/1, Error ellipse: s-maj=29.6km s-min=6.8km az=89.8

KRSC 05 11:30:08.2, 0.50, 19N:158.81E, h84km, mb3.8kM, 4.2

ISC 05 11:30:08.2, 1.9, 50.07N:0.09:158.76E:0.06, h3h3km, n33

@168/59, East of Kuril Islands

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

2011 JAN

Table with columns: SDR, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like Sedlovina, Koryaka, Karymskiy, etc.

NNC 05 11:57:11.7:0.4, 42.73N:72.21E, h0km, mb4.0, mpv3.9, Error ellipse: s-maj=4.6km s-min=1.9km az=42.0

KRNET 05 11:57:12.8:0.1, 42.68N:72.28E, h17km, mb3.8

SOME 05 11:57:13.3, 42.77N:72.28E, h10km

ISC 05 11:57:12.6:0.9, 42.70N:0.03:72.24E:0.02, h14km, 8km,

n65, e1977/105, 44C-34D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h m s, ISC. Includes stations like MNAS, MRKS, TOKL, ARK, etc.

232

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

ISCJB 05 11:59:49.9:1.1, 6:4S:0:2:150:2E:0:2, h43km, mb3.6/6, Error ellipse: s-maj=38.3km s-min=11.0km az=34.6

IDC 05 11:59:50.8:1.2, 6:32S:150:15E, h35km, 5km, mb3.5/7,

mb13.8/8, mb1mx3.6/43, mbmp3.8/6, ML2:1/1, Error ellipse: s-maj=42.9km s-min=14.2km az=114.0

ISC 05 11:59:51.2:1.1, 6.3S:0:2:150:2E:0:2, h43km, n10,

@131/17, mb3.6/6, New Britain region

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

IDC 05 12:01:33.9:1.2, 21:42S:68:09W, h121km, 14km, mb3.1/1, mb1 3.3/4, mb1mx3.1/29, mbtmp3.5/4, Error ellipse: s-maj=39.7km s-min=11.9km az=105.0

2011 JAN

5d 14h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CASM Ain Smara, CTEI Djebel Teioual, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RSDY Resadiye-TOKAT, ERBA Erbaa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONM Songino Array, MKAR Makanchi Array, etc.

JCT	Junction City	14.11 354	ePn	Pn	14 48 59.0 +1.2
JTS	JuntasAbangare	14.22 114	Pn	Pn	14 48 59.3 -0.1
540A	Vidor	14.29 15	P	Pn	14 48 59.7 -0.6
433A	Art	14.33 357	P	Pn	14 49 02.3 +1.4
434A	Burnet	14.37 360	P	Pn	14 49 01.6 +0.3
436A	Wall Ranch, Ga	14.38 5	P	Pn	14 49 01.7 +0.3
431A	Sonora	14.41 352	P	Pn	14 49 02.8 +0.9
432A	Menard	14.50 354	P	Pn	14 49 03.5 +0.3
334A	Lometa	14.88 360	P	Pn	14 49 08.1 -0.2
333A	Richland Sprin	14.89 357	P	Pn	14 49 08.1 -0.4
331A	San Angelo	15.00 353	P	Pn	14 49 11.4 +1.5
332A	Millersville	15.00 355	P	Pn	14 49 10.5 +0.6
337A	Centerville	15.01 8	P	Pn	14 49 09.9 -0.1
338A	Crockett	15.13 9	P	Pn	14 49 11.9 +0.3
330A	Mertzett	15.20 350	P	Pn	14 49 14.0 +1.4
339A	Huntington	15.24 12	P	Pn	14 49 12.8 -0.3
232A	Coleman	15.49 355	P	Pn	14 49 16.6 +0.0
WHXX	Lake Whitney,	15.55 2	eP	P	14 49 21.2 +0.1
WHXX	Lake Whitney,	14 49 30.0	eP	P	+0.8
233A	Rising Star	15.58 358	P	Pn	14 49 18.1 +0.6
231A	Bronte	15.60 353	P	Pn	14 49 18.5 +0.7
236A	Katherine and	15.62 5	P	Pn	14 49 18.0 0.0
230A	Sterling City	15.66 351	P	Pn	14 49 20.6 -1.8
237A	Washetta, Mont	15.70 7	P	Pn	14 49 18.9 0.0
238A	Jacksonville	15.80 10	P	Pn	14 49 19.7 -0.6
239A	Gary	15.93 12	P	Pn	14 49 21.8 -0.1
134A	White-Moore Ra	16.02 0	P	Pn	14 49 24.6 +0.2
133A	Hamilton Ranch	16.17 358	P	Pn	14 49 26.0 +1.0
ABTX	Abilene, Hawle	16.22 356	P	Pn	14 49 26.4 +0.6
ABTX	Abilene, Hawle	16.22 356	ePn	P	14 49 29.4 +0.8
ABTX	Heron Place, G	16.29 7	eP	P	14 49 38.1 +1.4
137A	Snyder	16.34 352	P	Pn	14 49 26.0 -0.6
130A	Roby	16.34 353	P	Pn	14 49 28.1 +0.8
131A	Cornudas Mount	16.60 338	P	P	14 49 32.5 -0.2
MNTX	Cornudas Mount	16.60 338	eP	P	14 49 31.9 -0.8
Z33A	Whitaker Ranch	16.84 358	P	Pn	14 49 34.0 +0.4
Z36A	Blue Ridge	16.89 5	P	Pn	14 49 34.1 0.0
Z32A	Haskell	16.89 356	P	Pn	14 49 34.4 +0.2
Z35A	Perchaven, San	16.89 3	P	Pn	14 49 34.8 +0.6
Z37A	Pogue Cattle C	16.90 7	P	Pn	14 49 33.3 -1.0
Z34A	Collier Ranch,	16.92 1	P	Pn	14 49 35.0 +0.5
Z30A	Sanderson Ranc	17.04 352	P	Pn	14 49 37.6 0.0
Y35A	Marietta	17.48 3	P	Pn	14 49 41.5 0.0
Y34A	Reagan Ranch,	17.50 1	P	Pn	14 49 41.3 -0.5
Y33A	Hilltop Ranch,	17.55 359	P	Pn	14 49 42.3 -0.2
Y32A	R-V Farms, Ver	17.58 357	P	Pn	14 49 43.0 +0.2
Y30A	Stafford Cattl	17.59 352	P	Pn	14 49 43.2 +0.2
Y31A	Rekieta Farm,	17.60 354	P	Pn	14 49 43.4 +0.3
X35A	Drake	17.97 3	P	Pn	14 49 47.3 -0.3
X32A	Elmer	17.99 357	P	Pn	14 49 47.6 -0.2
M32A	Muleshoe	17.99 348	P	Pn	14 49 47.9 0.0
M31A	Muleshoe	17.99 348	ePn	Pn	14 49 47.2 -0.8
M30A	Smith Ranch, M	18.14 1	eP	P	14 49 55.9 -0.6
X34A	Coker Ranch, T	18.15 353	P	Pn	14 49 49.7 -0.1
X36A	Centrahoma	18.18 5	P	Pn	14 49 49.4 -0.7
X31A	McDonald Ranch	18.24 355	P	P	14 49 50.9 0.0
121A	Cookes Peak, D	18.28 333	P	Pn	14 49 52.7 +1.1
X37A	Clayton	18.30 7	P	Pn	14 49 51.9 +0.3
X38A	Whitesboro	18.46 9	P	Pn	14 49 52.8 -0.4
MIAR	Mount Ida	18.55 12	P	P	14 49 53.0 -1.3
MIAR	Mount Ida	18.55 12	eP	P	14 49 52.4 -1.9
MIAR	Sentinel	18.69 357	P	P	14 50 02.7 +0.2
W32A	Amarillo	18.69 351	P	P	14 49 55.1 -0.7
AMTX	Amarillo	18.69 351	eP	P	14 49 55.2 -0.7
AMTX	Amarillo	18.69 351	eP	P	14 49 55.6 -0.3
W33A	Caddo, Fort Co	18.69 359	P	P	14 49 55.6 -0.3
W35A	Tecumseh	18.73 3	P	P	14 49 55.3 -0.9
W36A	Wetumka	18.76 5	P	P	14 49 55.2 -1.4
W31A	Holland Ranch,	18.79 356	P	P	14 49 56.7 -0.3
W38A	Poteau	18.90 9	P	P	14 49 57.2 -0.9
BNM	Barren Site	19.25 338	eP	Pn	14 50 04.5 +1.1
V32A	Arapaho	19.27 358	P	P	14 50 01.8 -0.4
V35A	Meyer Ranch, C	19.34 3	P	P	14 50 00.9 -2.0
V33A	Loossen Ranch,	19.36 360	P	P	14 50 01.1 -2.0
LRAL	Lakeview Retre	19.42 29	eP	P	14 50 03.9 +0.1
V36A	Jenks	19.43 5	P	P	14 50 02.4 -1.4
TUC	Tucson	19.55 326	P	P	14 50 05.8 +0.5
TUL1	Leonard	19.56 6	P	P	14 50 03.6 -1.8
TUL1	Leonard	19.56 6	eP	P	14 50 02.6 -2.8
V37A	Hulbert	19.61 7	P	P	14 50 05.1 -0.7
V38A	Canehill	19.69 9	P	P	14 50 04.2 -2.6
ANMO	Albuquerque	19.92 340	P	P	14 50 10.4 +1.0
ANMO	Albuquerque	19.92 340	P	P	14 50 09.3 -0.1
ANMO	Albuquerque	19.92 340	eP	P	14 50 10.4 +1.0
U32A	Winter Ranch,	19.93 358	P	P	14 50 07.7 -1.7

U33A	Lingo Farm, Me	19.97 0	P	P	14 50 07.8 -2.0
TIGA	Tifton	20.03 39	eP	P	14 50 05.8 -4.6
U36A	Oologah	20.05 6	P	P	14 50 09.2 -1.4
U37A	Salina	20.13 7	P	P	14 50 09.9 -1.6
U30A	WK&E Inc. Balk	20.19 354	P	P	14 50 11.4 -0.8
U38A	Gravette	20.26 9	P	P	14 50 11.3 -1.6
T35A	Scott Cattle	20.50 4	P	P	14 50 14.0 -1.7
T34A	McClaskey Farm	20.58 2	P	P	14 50 14.8 -1.5
T33A	Patterson Ranc	20.62 360	P	P	14 50 15.8 -1.0
T31A	Randall Ranch,	20.68 357	P	P	14 50 16.9 -0.6
T30A	Plains	20.69 355	P	P	14 50 17.5 -0.2
T36A	Boggs Farm, Ca	20.70 5	P	P	14 50 16.2 -1.5
T32A	Huddler Ranch,	20.73 358	P	P	14 50 17.6 -0.4
T37A	Cheneyville 18	20.86 7	P	P	14 50 17.9 -1.5
T29A	Hugoton	20.88 353	P	P	14 50 19.6 -0.1
S31A	Mullville	21.18 357	P	P	14 50 22.7 -0.3
S32A	Newby Ranch, P	21.25 358	P	P	14 50 22.5 -1.1
S34A	Willow Spring	21.26 2	P	P	14 50 22.1 -1.6
S35A	Otter Creek Ra	21.28 4	P	P	14 50 22.6 -1.4
T40A	Mansfield	21.28 13	P	P	14 50 23.2 -0.8
S29A	Ulysses	21.31 354	P	P	14 50 24.3 -0.1
W18A	Petrified Fore	21.33 333	P	P	14 50 25.1 +0.3
S28A	Manter	21.38 352	P	P	14 50 24.6 -0.5
S36A	Lake Cedric, C	21.38 6	P	P	14 50 24.3 -0.7
T25A	Trinidad	21.40 346	P	P	14 50 25.6 +0.1
T25A	Trinidad	21.40 346	eP	P	14 50 27.3 +1.8
PBMO	Popular Bluff	21.45 17	eP	P	14 50 27.0 +1.2
S37A	Fort Scott	21.50 7	P	P	14 50 24.8 -1.4
S38A	Stockton	21.50 9	P	P	14 50 24.8 -1.5
GOGA	Godfrey	21.53 35	eP	P	14 50 25.4 -1.3
S39A	Bolivar	21.65 10	eP	P	14 50 33.8 -1.2
WWT	Waverly	21.72 23	eP	P	14 50 25.7 -2.3
SWET	Sewanee	21.72 28	eP	P	14 50 26.5 -2.1
SWET	Sewanee	21.72 28	eP	P	14 50 27.1 -1.7
SWET	Sewanee	21.72 28	eP	P	14 50 27.1 -1.7
SW40	Lebanon	21.72 12	eP	P	14 50 26.5 -0.5
R33A	Olander Ranch,	21.84 0	P	P	14 50 28.4 -1.6
R34A	Isabella, Hill	21.85 2	P	P	14 50 29.0 -1.1
R31A	Burdett	21.85 357	P	P	14 50 28.9 -1.3
R30A	Dighton	21.89 356	P	P	14 50 29.4 -1.2
R36A	Gordon, Harris	21.98 6	P	P	14 50 30.9 -0.6
R38A	Fenwick Farm,	22.04 9	P	P	14 50 30.1 -2.1
R37A	Teagarden Farm	22.04 7	P	P	14 50 30.3 -1.8
R28A	Triune	22.11 352	P	P	14 50 31.8 -1.2
R29A	Marienthal	22.11 354	P	P	14 50 32.1 -0.9
SDCO	Great Sand Dun	22.24 345	P	P	14 50 33.7 -0.9
SDCO	Great Sand Dun	22.24 345	eP	P	14 50 35.5 +1.0
R39A	Chumby, Stover	22.31 11	P	P	14 50 32.8 -2.2
CBKS	Cedar Bluff	22.39 357	P	P	14 50 34.2 -1.7
WUAZ	Wupatki	22.40 331	P	P	14 50 37.3 +1.1
WUAZ	Wupatki	22.40 331	eP	P	14 50 38.1 +1.8
WUAZ	Maddies Statio	22.43 12	eScS	ScS	15 01 54.9 +3.6
R40A	Maddies Statio	22.43 12	P	P	14 50 33.9 -2.4
Q35A	Mercer Eighty,	22.47 4	P	P	14 50 34.6 -2.2
Q34A	Chapman	22.48 3	P	P	14 50 35.7 -1.2
Q32A	Meliter Ranch,	22.52 359	P	P	14 50 36.4 -1.0
Q33A	Connelly Farm,	22.53 1	P	P	14 50 36.4 -1.0
Q29A	Oakley	22.56 354	P	P	14 50 36.9 -0.8
Q31A	Ellis	22.56 358	P	P	14 50 36.6 -1.1
CPCT	Cooper Cave	22.57 30	eP	P	14 50 36.1 -1.7
CPCT	Cooper	22.58 356	eP	P	14 50 35.3 -0.6
Q30A	Quinter	22.61 342	P	P	14 50 37.8 +1.2
S22A	4UR Ranch, Cre	22.61 342	P	P	14 50 39.0 +0.5
S22A	4UR Ranch, Cre	22.61 342	eP	P	14 50 37.1 -1.2
Q36A	Arnold, C. Orve	22.62 6	P	P	14 50 37.3 -1.2
Q37A	Longview Farm,	22.64 8	P	P	14 50 40.3 +1.2
MVCO	Mesa Verde	22.67 338	P	P	14 50 50.3 +2.8
MVCO	Mesa Verde	22.67 338	eP	P	14 50 41.2 +1.9
Y12C	Blythe	22.71 323	eP	P	14 50 39.0 -1.7
Q38A	Cooks Store, C	22.84 9	P	P	14 50 42.4 +1.2
PDMOI	Parker Dam,Lak	22.89 324	P	P	14 50 41.3 -1.3
Q39A	Willow Grove F	23.03 10	P	P	14 50 42.1 -1.0
P31A	Stockton	23.08 358	P	P	14 50 42.5 -0.8
TKL	Tockaleechee C	23.10 31	P	P	14 50 42.1 -1.3
P34A	Walnut Farm, R	23.11 3	P	P	14 50 42.8 -0.9
P35A	Duane Minner,	23.14 4	P	P	14 50 43.3 -0.5
P30A	Selden	23.15 356	P	P	14 50 42.2 -1.7
Q40A	Laux Farm, Aux	23.15 12	P	P	14 50 46.6 +2.2
BC3	Big Chuckawall	23.20 321	P	P	14 50 47.5 +2.1
MONP	2 Monument Peak	23.29 318	P	P	14 50 44.0 -1.3
P36A	Good Intent, A	23.30 6	P	P	14 50 45.3 +0.5
Q24A	Divide	23.31 346	P	P	14 50 46.8 -0.1
P37A	Lathrop	23.36 7	P	P	14 50 48.1 +2.1
IRM	Iron Mountain	23.42 32	eP	P	14 50 44.8 -1.8
JSC	Jenkinsville	23.42 37	eP	P	14 50 46.3 -0.9
P39A	Salisbury	23.50 11	P	P	14 50 46.6 -0.7
P38A	Dawn	23.51 9	P	P	14 50 46.6 -0.7

baz=191	Paradox Valley	23.52 339	eP	P	14 50 49.2 +1.5
PV01	Paradox Valley	23.52 339	eP	P	14 50 49.2 +1.5
PV01	Paradox Valley	23.52 339	eP	P	14 50 47.5 -1.1
O33A	Hebron	23.61 1	P	P	14 50 47.6 -0.7
P40A	Paris	23.67 12	P	P	14 50 48.2 -0.7
O31A	Woolen Ranch,	23.70 358	P	P	14 50 48.6 -0.7
O34A	Belice	23.75 3	P	P	14 50 49.9 +0.3
BELC	Belle Mtn. Jos	23.76 321	P	P	14 50 52.6 +2.6
BELC	Belle Mtn. Jos	23.76 321	eP	P	14 51 00.5 +1.7
PV04	Paradox Valley	23.87 339	eP	P	14 50 52.1 +1.1
O35A	Humboldt	23.88 4	P	P	14 50 49.8 -1.1
SMCO	Snowmass	23.98 343	eP	P	14 50 53.9 +1.6
KMCS	Kings Mountain	24.00 36	P	P	14 50 48.8 -3.2
O38A	Galt	24.00 9	P	P	14 50 50.5 -1.5
GMRC	Granite Mounta	24.10 323	P	P	14 50 54.9 +1.7
WCI	Wyandotte Cave	24.14 23	eP	P	14 50 52.8 -0.6
ISCO	Idaho Springs	24.21 346	P	P	14 50 55.6 +1.3
ISCO	Idaho Springs	24.21 346	eP	P	14 50 55.3 +1.0
O40A	La Belle	24.28 12	P	P	14 50 53.6 -0.9
BB					

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like B32A Ashes, Strandq, J08A Circle Bar Ran, B30A Myrvik Farm, E, B29A Wagenman Farm, B34A Aery, Baudette, A29A Manning Farm, A30A Hoffart Farm, ULM Lac du Bonnet, ALVY Alvey, B05A Bryant, FFC Flin Flon, SCH0 Schefferville, YKA Yellowknife Arr, YKBS Yellowknife Arr, LVC Limon Verde, INK Inuvik, ILAR Eielson Array, BDFB Brasilia, SEY Seymchan, ARC55 ARCES Array B, FINES FINESS Array B, GERES GERESS Array B, BJ1 Beijing, WMI Urumqi, NJ2 Nanjing, CD2 Chengdu, WRA Warramunga Arr, CMAR Chiang Mai Arr.

ISCJB 05 14:49:27.8, 0.4, 40.70N, 0.72W, 41.15E, h0km, Error ellipse: s-maj=3.9km s-min=2.7km az=39.1 DDA 05 14:49:27.8, 40.70N, 41.18E, h8km, Md2.9, Suspected Mining explosion.

CSEM 05 14:49:28.0, 0.2, 40.69N, 41.15E, h2km, MD2.9, Error ellipse: s-maj=5.8km s-min=3.6km az=129.0, Suspected Mining explosion.

ISK 05 14:49:31.2, 40.42N, 40.96E, h5km, MD2.6 ISC 05 14:49:28.2, 0.8, 40.68N, 0.02, 41.18E, 0.03, h0km, n30, 0.68E/55, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like DDEM Demirkent, DDE1 Demirkent, DBAD Bademkaya, DAGI Agillar, ARTV Artvin, ARTV Artvin, DBOC Borcka, DBOC Borcka, EZM Erzurum, EZM Erzurum, ERZM Erzurum, ERZM Erzurum, ERZM Erzurum, ERZM Horasan, H0MI H0MI, KOPT Kop Dagı, KOPT Kop Dagı, KTUT Trabzon, KTUT Trabzon, EATA Eleskirt, EATA Eleskirt, GUMT Gumushane, GUMT Gumushane, KELT Kelkit, KELT Kelkit, EKAR Karacoban, EKAR Karacoban, DIGO Kars, DIGO Kars, DIGO Kars, BNGB Bingöl, BINT Bingöl.

ISC 05 14:53:11.6, 8.7, 4.67S, 153.64E, h131km, 62km, mb3.2/4, mb1 3.5/5, mb1mx3.2/34, mbtmp3.7/5, Error ellipse: s-maj=76.8km s-min=37.7km az=93.0, New Ireland region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like PMG Pori Moresby, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, MKAR Makanchi Array.

ISCJB 05 15:04:38.5, 1.1, 27.72N, 0.08, 143.6E, 0.1, h10km, mb3.5/4, Error ellipse: s-maj=16.0km s-min=7.5km az=37.4

ISC 05 15:04:38.2, 0.9, 27.62N, 143.67E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/29, mbtmp3.4/5, ML3.5/1, Error ellipse: s-maj=46.5km s-min=23.5km az=75.0

JMA 05 15:04:43.4, 0.2, 27.92N, 143.25E, h2km, M4.1 ISC 05 15:04:40.4, 1.5, 27.62N, 143.6E, 0.1, h10km, n9, 0.65T/12, mb3.4/4, Bonin Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like CBJ1 Chichi jima, CBJ1 Chichi jima, JCU Chichijima, JHHJ Haha-jima-NKT.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JHHJ Hitachi, JHO Hitachi, MJAR Matsushiro Arr, SONM Sogino Array, WRA Warramunga Arr, MKAR Makanchi Array, ASAR Alice Springs.

MAN 05 15:08:29.9, 33N, 125.68E, h6km, mb3.8, ML2.6, MS2.2, ID, Mindanao

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

ISC 05 15:20:34.5, 1.4, 27.12N, 143.58E, h0km, mb3.2/3, mb1 3.5/4, mb1mx3.2/37, mbtmp3.3/4, ML3.5/1, Error ellipse: s-maj=80.6km s-min=27.7km az=96.0, Bonin Islands region

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

NIED 05 15:33:00.27, 1.0N, 143.80E, h5km, Mw3.8 Best double couple: M6.42000, 1.014 NP1, 292.00000, 840.00000, 1.95.00000, NP2, 29.118.00000, 850.00000, 1.86.00000.

ISC 05 15:33:21.3, 0.8, 26.67N, 143.58E, h0km, mb3.7/10, mb1 3.9/12, mb1mx3.7/51, mbtmp3.7/12, ML3.1/2, MS2.8/1, Ms1 2.8/1, ms1mx2.3/58, Error ellipse: s-maj=24.2km s-min=16.2km az=80.0

JMA 05 15:33:24.7, 0.1, 27.07N, 143.83E, h68km, M3.8 ISC 05 15:33:22.8, 0.8, 26.79N, 143.64E, 0.09, h10km, n18, 0.156T/17, mb3.8/10, Bonin Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JHHJ Haha-jima-NKT, CBJ1 Chichi jima, JCU Chichijima, JHU Hanno, MJAR Matsushiro Arr, KSRS Korea Arr, USKR Ussuriysk Arr, SONM Sogino Array, WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arr, ILAR Eielson Array, BVAR Borovoye Array, YKA Yellowknife Arr, FINES FINESS Array, LPAZ La Paz.

ISC 05 15:40:30.4, 0.8, 25.28N, 144.08E, h0km, mb3.7/11, mb1 3.9/13, mb1mx3.8/50, mbtmp3.7/13, ML3.4/1, MS3.1/2, Ms1 3.1/2, ms1mx2.5/58, Error ellipse: s-maj=24.7km s-min=16.3km az=82.3

ISCJB 05 15:40:33.0, 0.7, 25.16N, 144.1E, 0.1, h33km, mb3.7/11, MS3.5/1, Error ellipse: s-maj=18.6km s-min=9.5km az=152.0

ISC 05 15:40:35.6, 0.8, 25.22N, 144.1E, 0.1, h35km, m20, 0.150T/14, mb3.8/11, Volcano Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JCU Chichijima, MJAR Matsushiro Arr, KSRS Korea Arr, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, SONM Sogino Array, CMAR Chiang Mai Arr, WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, ZALV Zalesovo Beam, KURBB Kurchatov Arr, AFI Afiamalu, ILAR Eielson Array, BVAR Borovoye Array, H02S1 DAWSON INLET, YKA Yellowknife Arr, NVAR Mina Array Bea, H06S1 SCORRO T.

ISC 05 15:46:20.4, 0.9, 39.56N, 70.41E, h0km, mb3.6/6, mb1 3.7/14, mb1mx3.5/61, mbtmp3.6/14, ML3.2/8, MS2.7/1, Ms1 2.7/1, ms1mx2.2/47, Error ellipse: s-maj=15.7km s-min=11.8km az=150.0

NNC 05 15:46:22.9, 2.7, 39.80N, 70.18E, h0km, mb4.1, mpv3.9, Error ellipse: s-maj=24.3km s-min=12.2km az=0.0

KRNET 05 15:46:23.0, 1.7, 39.61N, 70.74E, mb4.0 ISC 05 15:46:25.0, 1.0, 39.38N, 0.07, 70.34E, 0.04, h16km, n47, 0.253/60, mb3.8/6, 28C-16D, Tajikistan

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like OHH Osh, ARK Arkit, ARK Arkit, TOKL Toktogul, MNAS Manas, MNAS Manas.

MAN 05 15:08:29.9, 33N, 125.68E, h6km, mb3.8, ML2.6, MS2.2, ID, Mindanao

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

ISC 05 15:20:34.5, 1.4, 27.12N, 143.58E, h0km, mb3.2/3, mb1 3.5/4, mb1mx3.2/37, mbtmp3.3/4, ML3.5/1, Error ellipse: s-maj=80.6km s-min=27.7km az=96.0, Bonin Islands region

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

NIED 05 15:33:00.27, 1.0N, 143.80E, h5km, Mw3.8 Best double couple: M6.42000, 1.014 NP1, 292.00000, 840.00000, 1.95.00000, NP2, 29.118.00000, 850.00000, 1.86.00000.

ISC 05 15:33:21.3, 0.8, 26.67N, 143.58E, h0km, mb3.7/10, mb1 3.9/12, mb1mx3.7/51, mbtmp3.7/12, ML3.1/2, MS2.8/1, Ms1 2.8/1, ms1mx2.3/58, Error ellipse: s-maj=24.2km s-min=16.2km az=80.0

JMA 05 15:33:24.7, 0.1, 27.07N, 143.83E, h68km, M3.8 ISC 05 15:33:22.8, 0.8, 26.79N, 143.64E, 0.09, h10km, n18, 0.156T/17, mb3.8/10, Bonin Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KZA Kyzart, KZA Kyzart, KBK Kurgybulak, KBK Kurgybulak, CHMS Chumysh, CHMS Chumysh, TKM2 Tokmak, TKM2 Tokmak, TKM2 Tokmak, TKM2 Tokmak, ULHL Ulhal, ULHL Ulhal, PDGK Podgoroye, PDGK Podgoroye, GEYT Alibek, GEYT Alibek, GEYT Alibek, MK31 Makanchi Array, MKAR Makanchi Array, AB31 Akbulak array, AB31 Akbulak array, KURBB Kurchatov Arr, VOSK Vostochyana, ZRNK Zerenada, BVAR Borovoye Array, AKTO Aktyubinsk, AKTO Aktyubinsk, AKTO Aktyubinsk, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ARU Aru, WSAR Wadi Sarin, WSAR Warramunga Arr, TORD Torodi Arr, INK Inuvik, ILAR Eielson Array, YKA Yellowknife Arr, YKA Warramunga Arr, ASAR Alice Springs.

ISC 05 15:40:30.4, 0.8, 25.28N, 144.08E, h0km, mb3.7/11, mb1 3.9/13, mb1mx3.8/50, mbtmp3.7/13, ML3.4/1, MS3.1/2, Ms1 3.1/2, ms1mx2.5/58, Error ellipse: s-maj=24.7km s-min=16.3km az=82.3

ISCJB 05 15:40:33.0, 0.7, 25.16N, 144.1E, 0.1, h33km, mb3.7/11, MS3.5/1, Error ellipse: s-maj=18.6km s-min=9.5km az=152.0

ISC 05 15:40:35.6, 0.8, 25.22N, 144.1E, 0.1, h35km, m20, 0.150T/14, mb3.8/11, Volcano Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JCU Chichijima, MJAR Matsushiro Arr, KSRS Korea Arr, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, SONM Sogino Array, CMAR Chiang Mai Arr, WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, ZALV Zalesovo Beam, KURBB Kurchatov Arr, AFI Afiamalu, ILAR Eielson Array, BVAR Borovoye Array, H02S1 DAWSON INLET, YKA Yellowknife Arr, NVAR Mina Array Bea, H06S1 SCORRO T.

ISC 05 15:46:20.4, 0.9, 39.56N, 70.41E, h0km, mb3.6/6, mb1 3.7/14, mb1mx3.5/61, mbtmp3.6/14, ML3.2/8, MS2.7/1, Ms1 2.7/1, ms1mx2.2/47, Error ellipse: s-maj=15.7km s-min=11.8km az=150.0

NNC 05 15:46:22.9, 2.7, 39.80N, 70.18E, h0km, mb4.1, mpv3.9, Error ellipse: s-maj=24.3km s-min=12.2km az=0.0

KRNET 05 15:46:23.0, 1.7, 39.61N, 70.74E, mb4.0 ISC 05 15:46:25.0, 1.0, 39.38N, 0.07, 70.34E, 0.04, h16km, n47, 0.253/60, mb3.8/6, 28C-16D, Tajikistan

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

ISCJB 05 15:52:09.5, 0.5, 30.16N, 0.03, 51.87E, 0.06, h8km, Error ellipse: s-maj=7.9km s-min=4.0km az=6.7 TEH 05 15:52:09.5, 0.3, 30.14N, 51.69E, h6km, ML3.0 CSEM 05 15:52:10.5, 0.3, 30.14N, 51.85E, h10km, ML3.0, Ms3.5,

Code	Station Name	A°	AZ°	Phase	ID	ISC	Time	Res	ISC	Code	Station Name	A°	AZ°	Phase	ID	ISC	Time	Res	ISC
IKAZ	Kazeroun	0.41	159j	eP	Pb	Pb	16 32 32.3	+0.3		SMDO	Samad	9.09	140	P	Pn		16 34 33.2	-0.4	
IKAZ	Kazeroun	0.41	159j	eP	Pb	Pb	16 32 32.3	+0.3		SMDO	Samad	9.09	140	P	Pn		16 34 33.2	-0.4	
IKAZ	comp=N,46µm,0.3s			eAMB	AMB	AMB	16 32 41.1			WSAR	Wadi Sarin	9.29	136	P	Pn		16 34 36.1	-0.2	
IPAR	Pars	1.24	105j	eP	Pn	Pn	16 32 44.9	-0.9		WSAR	comp=N,3.5nm,0.3s,baz=185,slow=19,SNR=6.9				LR		16 38 47.4		
IPAR	Pars	1.24	105j	eP	Pn	Pn	16 32 44.9	-0.9		GEYT	Alibeck	9.41	33	Pn	Pn		16 34 38.4	+0.6	
IPAR	comp=N,75µm,0.5s			eAMB	AMB	AMB	16 33 09.5			WBK	Wadi Bani Khal	9.97	137	P	Pn		16 34 44.9	-0.7	
IPAR	comp=N,75µm,0.5s			eAMB	AMB	AMB	16 33 15.0			WBK	Wadi Bani Khal	9.97	137	P	Pn		16 34 44.9	-0.7	
AHBU	AHRAM	1.34	194	eP	Pg	Pg	16 32 51.1	+2.5		SHAO	Shalim	12.62	163	P	Pn		16 35 21.9	+0.1	
ISRV	Sarvestan	1.48	122j	ePn	Pb	Pb	16 32 50.5	+0.3		ASF	Jabal al Asfar	12.61	283	Pn	Pn		16 35 22.2	-2.3	
ISRV	Sarvestan	1.48	122j	ePn	Pb	Pb	16 32 50.5	+0.3		ASF	comp=N,2.3nm,0.3s,baz=116,slow=0.2,SNR=22				Sn		16 37 43.2	-3.7	
ISRV	comp=N,56µm,0.2s			eAMB	AMB	AMB	16 33 21.4			ABTO	Aybut	12.84	173	P	Pn		16 35 23.5	-1.5	
ISRV	comp=N,56µm,0.2s			eAMB	AMB	AMB	16 33 23.5			ABTO	Aybut	12.84	173	P	Pn		16 35 23.5	-1.5	
IRAM	Ramesheh	1.75	20j	ePn	Pn	Pn	16 32 52.6	-0.2		MALT	Malatya	13.63	310	P	Pn		16 35 34.1	-1.6	
IRAM	Ramesheh	1.75	20j	ePn	Pn	Pn	16 32 52.6	-0.2		ZEI	Tsey	14.05	336	eP	Pn		16 35 45.3	+3.8	
IRAM	comp=N,36µm,0.2s			eAMB	AMB	AMB	16 33 20.5			MMAI	Mount Meron	14.16	286	Pn	Pn		16 35 41.6	-1.3	
IRAM	comp=N,36µm,0.2s			eAMB	AMB	AMB	16 33 20.5			MMAI	comp=Z,0.7nm,0.3s,baz=124,slow=23,SNR=3.5				Sn		16 38 12.6	-7.2	
IRAM	comp=N,36µm,0.2s			eAMB	AMB	AMB	16 33 21.8			MMAI	comp=Z,0.6nm,0.3s,baz=104,slow=18,SNR=2.3				LR		16 42 32.1		
IRAM	comp=N,36µm,0.2s			eAMB	AMB	AMB	16 33 21.8			EIL	Eilat	14.51	272	Pn	Pn		16 35 47.0	-0.7	
GHIR	Ghir-Karzin	2.20	148	ePn	Pb	Pb	16 33 01.0	-1.4		EIL	comp=Z,65nm,20.2s,baz=217,slow=33,SNR=6.3				LR		16 42 26.0		
GHIR	Ghir-Karzin	2.20	148	ePn	Pb	Pb	16 33 01.0	-1.4		NEI	Neytrino	14.89	334	eP	Pn		16 35 54.3	+1.4	
GHIR	Ghir-Karzin	2.20	148	ePn	Pb	Pb	16 33 01.0	-1.4		NEI	comp=Z,1.10nm,18.2s,baz=96,slow=62				LR		16 42 26.0		
GHIR	Ghir-Karzin	2.20	148	ePn	Pb	Pb	16 33 01.0	-1.4		NEI	comp=Z,1.0nm,0.9s				Sn		16 35 59.1	+1.9	
GHIR	comp=N,2µm,0.7s			eAMB	AMB	AMB	16 33 35.9			KBZ	Khabaz	15.23	335	Pn	Pn		16 36 09.0	-0.1	
GHIR	comp=N,2µm,0.7s			eAMB	AMB	AMB	16 33 35.9			KIV	Kislovodsk	15.50	335	ePn	Pn		16 36 00.0	-0.1	
IGAR	Gharneh	2.25	8j	ePn	Pn	Pn	16 33 01.5	+1.7		KIV	comp=Z,1.2nm,1.0s				MLR		16 36 01.4	+0.4	
IGAR	comp=N,62µm,0.3s			eAMB	AMB	AMB	16 33 38.5			KIV	comp=Z,52nm,17.0s				MLR		16 36 01.4	+0.4	
IPIR	Pirpir	2.60	345j	ePn	Pn	Pn	16 33 05.9	+1.3		KIV	comp=Z,52nm,1.1s				MLR		16 36 01.4	+0.4	
IPIR	Pirpir	2.60	345j	ePn	Pn	Pn	16 33 05.9	+1.3		CSS	Mathias	16.17	292	eP	Pn		16 36 09.8	+0.1	
IPIR	comp=N,11µm,0.3s			eAMB	AMB	AMB	16 34 07.8			BRTR	Keskin Array B	17.57	308	Pn	Pn		16 36 27.6	+0.3	
IPIR	comp=N,11µm,0.3s			eAMB	AMB	AMB	16 34 07.8			BRTR	comp=Z,0.2nm,0.3s,baz=126,slow=12,SNR=15				Sn		16 36 27.6	+0.3	
IZEF	Zefreh	2.78	11j	ePn	Pn	Pn	16 33 08.4	+1.4		BRTR	Keskin Array B	17.57	308	ePn	Pn		16 36 27.6	+0.3	
IZEF	Zefreh	2.78	11j	ePn	Pn	Pn	16 33 08.4	+1.4		BRTR	comp=Z,4.0nm,0.7s				Sn		16 36 27.6	+0.3	
IZEF	comp=N,7µm,0.4s			eAMB	AMB	AMB	16 33 52.3			ANTO	Ankara	18.21	307	P	P		16 36 35.9	+0.6	
IZEF	comp=N,7µm,0.4s			eAMB	AMB	AMB	16 33 52.3			ANTO	comp=Z,1.9nm,1.1s				Sn		16 36 35.9	+0.6	
NASN	Na'in	2.80	20	ePn	Pn	Pn	16 33 08.5	+1.2		ANTO	Ankara	18.21	307	P	P		16 36 35.9	+0.6	
NASN	Na'in	2.80	20	ePn	Pn	Pn	16 33 08.5	+1.2		ISP	Isparta	19.10	299	Pn	Pn		16 36 46.3	+0.2	
NASN	Na'in	2.80	20	ePn	Pn	Pn	16 33 08.5	+1.2		ISP	comp=Z,0.1nm,0.3s,baz=142,slow=6				Sn		16 36 46.2	+0.2	
NASN	Na'in	2.80	20	ePn	Pn	Pn	16 33 08.5	+1.2		ISP	Isparta	19.10	299	eP	Pn		16 36 46.2	+0.2	
IMEH	Mehriz	2.81	64j	ePn	Pn	Pn	16 33 09.1	+1.7		ABKAR	Abkulk array	20.07	16	eP	P		16 36 55.1	-0.5	
IMEH	Mehriz	2.81	64j	ePn	Pn	Pn	16 33 09.1	+1.7		ABKAR	Abkulk array	20.07	16	eP	P		16 36 55.1	-0.5	
IMEH	comp=N,12µm,0.3s			eAMB	AMB	AMB	16 34 02.4			ATD	Arta Tunnel	20.27	106	LR	LR		16 44 38.9		
IMEH	comp=N,12µm,0.3s			eAMB	AMB	AMB	16 34 02.4			AKTK	Aktuyubinsk	20.80	11	P	P		16 37 03.3	-0.1	
ICHK	Chechek	3.13	48j	ePn	Pn	Pn	16 33 13.6	+1.8		AKTK	Aktuyubinsk	20.80	11	P	P		16 37 03.3	-0.1	
ICHK	Chechek	3.13	48j	ePn	Pn	Pn	16 33 13.6	+1.8		KSH	Kashi	21.96	58	P	P		16 37 12.3	-3.9	
ICHK	comp=N,7µm,0.3s			eAMB	AMB	AMB	16 33 27.5			KSH	comp=Z,2.7nm,0.5s,baz=193,slow=6,SNR=10				Sn		16 37 12.3	-3.9	
ICHK	comp=N,7µm,0.3s			eAMB	AMB	AMB	16 33 27.5			KSH	comp=Z,1.3nm,0.8s				Sn		16 37 21.1	+0.6	
ICHK	comp=N,7µm,0.3s			eAMB	AMB	AMB	16 33 27.5			KSH	comp=Z,100nm,3.6s				Sn		16 37 26.4	+4.0	
SHGR	Shooshtar-Gavs	3.13	309	eP	Pn	Pn	16 33 12.9	+1.2		KSH	comp=Z,100nm,3.6s				Sn		16 37 38.0	+0.2	
SHGR	Shooshtar-Gavs	3.13	309	ePn	Pn	Pn	16 33 12.9	+1.2		KSH	comp=Z,100nm,3.6s				Sn		16 37 38.0	+0.2	
SHGR	Shooshtar-Gavs	3.13	309	ePn	Pn	Pn	16 33 12.9	+1.2		KSH	comp=Z,100nm,3.6s				Sn		16 37 38.0	+0.2	
SHGR	Shooshtar-Gavs	3.13	309	ePn	Pn	Pn	16 33 12.9	+1.2		KSH	comp=Z,100nm,3.6s				Sn		16 37 38.0	+0.2	
SHGR	comp=N,1µm,0.6s			eAMB	AMB	AMB	16 34 22.5			KSH	comp=Z,100nm,3.6s				Sn		16 37 38.0	+0.2	
SHGR	comp=N,1µm,0.6s			eAMB	AMB	AMB	16 34 22.5			KSH	comp=Z,100nm,3.6s				Sn		16 37 38.0	+0.2	
IKLH	Kolahrood	3.14	359j	ePn	Pn	Pn	16 33 13.2	+1.2		KSH	comp=Z,100nm,3.6s				Sn		16 37 38.0	+0.2	
IKLH	Kolahrood	3.14	359j	ePn	Pn	Pn	16 33 13.2	+1.2		KSH	comp=Z,100nm,3.6s				Sn		16 37 38.0	+0.2	
IKLH	comp=N,9µm,0.3s			eAMB	AMB	AMB	16 34 10.8			KSH	comp=Z,100nm,3.6s				Sn		16 37 38.0	+0.2	
IKLH	comp=N,9µm,0.3s			eAMB	AMB	AMB	16 34 10.8			KSH	comp=Z,100nm,3.6s				Sn		16 37 38.0	+0.2	
IBAF	Bafgh	3.64	66j	ePn	Pn	Pn	16 33 20.6	+1.9		AAK	Ala-Archa	22.11	50	LR	LR		16 47 16.6		
IBAF	Bafgh	3.64	66j	ePn	Pn	Pn	16 33 20.6	+1.9		AAK	Ala-Archa	22.11	50	LR	LR		16 47 16.6		
IBAF	comp=N,18µm,0.4s			eAMB	AMB	AMB	16 34 15.1			AAK	Ala-Archa	22.11	50	LR	LR		16 47 16.6		
IBAF	comp=N,18µm,0.4s			eAMB	AMB	AMB	16 34 15.1			AAK	Ala-Archa	22.11	50	LR	LR		16 47 16.6		
IBAF	comp=N,18µm,0.4s			eAMB	AMB	AMB	16 34 15.1			AAK	Ala-Archa	22.11	50	LR	LR		16 47 16.6		
IBAF	comp=N,18µm,0.4s			eAMB	AMB	AMB	16 34 15.1			AAK	Ala-Archa	22.11	50	LR	LR		16 47 16.6		
KRBR	Kerman	4.41	91	eP	Pn	Pn	16 33 31.0	+1.5		AAK	Ala-Archa	22.11	50	LR	LR		16 47 16.6		
KRBR	Kerman	4.41	91	ePn	Pn	Pn	16 33 31.0	+1.5		AAK	Ala-Archa	22.11	50	LR	LR		16 47 16.6		
KRBR	Kerman	4.41	91	ePn	Pn	Pn	16 33 31.0	+1.5		AAK	Ala-Archa	22.11	50	LR	LR		16 47 16.6		
KRBR	Kerman	4.41	91	ePn	Pn	Pn	16 33 31.0	+1.5		AAK	Ala-Archa	22.11	50	LR	LR		16 47 16.6		
KRBR	Kerman	4.41	91	ePn	Pn	Pn	16 33 31.0	+1.5		AAK	Ala-Archa	22.11	50	LR	LR		16 47		

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like KHC Kasperske Hory, MOTA Moosalm, FINES FINES Array B, etc.

Table with columns: IEMG, comp, E, 1.3um, 0.2s, eAMB, AMB, 16 33 31.2. Includes stations like IKRD Kardeh, IKRD Kardeh, IKRD Kardeh, etc.

CSEM 05 16:33:45.9; 0.2, 38.68N; 39.99E, h2km, MD2.8, Error ellipse: s-maj=6.2km s-min=4.1km az=49.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like PTK Pertek, PTK Pertek, TNCL Tunceli-Merkez, etc.

IDC 05 16:39:59.7; 7.4, 15.305S; 173.43W, h170km, 231km, mb3.2, mbl 3.3/4, mb1mx3.1/28, mbtmp 3.6/4, ML3.3/1, Error ellipse: s-maj=338.0km s-min=106.0km az=97.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like AFI Afiamalu, AFI Afiamalu, STKA Stephens Creek, etc.

ISCJB 05 16:56:13.9; 0.5, 38.69N; 0.03; 39.95E; 0.04, h4km, 7km, Error ellipse: s-maj=5.6km s-min=4.9km az=36.0

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like BINT Bingol, BINT Bingol, TNCL Tunceli-Merkez, etc.

ISCJB 05 16:58:12.3; 0.6, 3.65S; 0.05; 140.12E; 0.08, h56km, mb3.6/4, MS3.0/3, Error ellipse: s-maj=11.7km

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like JAY Jayapura, JAY Jayapura, PMG Port Moresby, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like SDR, NLC, KRX, etc.

BKK 05 18:22:43.25.0.20' N 125° 9' 5Ei.3' 6, h106km, 23km, M4.2/9, mb3.8/5, mb4.4/4, ML4.6/9, Mw(mb)3.1/4, IS/CJB 05 18:22:46.0.0.8, m2.08N.0.09.95.8E.0.1' 1.50km, mb3.3/6, Error ellipse: s-maj=16.7km s-min=8.3km az=139.9, IDC 05 18:22:47.3.1.6.20.20N.75.99E, h0km, mb3.4/5, mb1 3.6/6, mb1mx3.4/35, mbtmp3.3/6, ML3.3/1, Error ellipse: s-maj=60.3km s-min=14.8km az=49.0, ISC 05 18:22:47.8.1.3.20.15N.0.10.96.0E.0.1, h10km, n24, r159/22, mb3.4/6, Myanmar

Main table for station 243, listing station names, azimuths, elevations, phase IDs, times, and residuals. Includes stations like MHMT, CMAI, CHTO, etc.

NEIC 05 18:23:07.0.39'00N.11'38W, h8km, ML2.4(SLC), After SLC.

ISC/CJB 05 18:23:08.4.0.7, 39'02N.0.06:11'48W.0.07, h10km, mb2.6/1, Error ellipse: s-maj=8.5km s-min=6.9km az=35.0, IDC 05 18:23:08.7.2.5, 38'92N.110'68W, h0km, mb2.7/1, mb1 3.1/4, mb1mx3.0/45, mbtmp2.7/4, ML2.5/3, Error ellipse: s-maj=29.2km s-min=10.1km az=139.0, ISC 05 18:23:08.0.0.8, 38.97N.0.04:11'25W.0.03, h10km, n18, r163/22, Utah

Main table for station 243, listing station names, azimuths, elevations, phase IDs, times, and residuals. Includes stations like NMU, North Lily, etc.

IDC 05 18:31:37.5.0.4, 11'57N.86'41W, h0km, mb4.5/24, mb1 4.7/25, mb1mx4.6/43, mbtmp4.6/25, ML4.4/1, MS4.4/24, Ms1 4.4/24, ms1mx4.2/40, Error ellipse: s-maj=20.4km s-min=9.0km az=54.0, ISC/CJB 05 18:31:42.4.0.4, 11'46N.0.03:86'56W.0.03, h50km, 3km, mb4.9/164, MS4.5/33, Error ellipse: s-maj=6.7km s-min=2.8km az=34.7, MOS 05 18:31:42.8.1.2, 11'54N.86'34W, h51km, mb4.8/22, Error ellipse: s-maj=15.0km s-min=7.8km az=121.4, CASC 05 18:31:43.4.0.8, 11'28N.86'86W, h34km, 279km, ML4.1, mb5 (INEIC), GCMT 05 18:31:44.2.0.3, 10'88N.87'19W, h20km, MW5.1/94, Moment Tensor Solution: s55, c78, s94, c135, Duration: 0. Moment tensor: Scale 1016Nm; M1: 7.11e16; M2: 2.59e12; M3: 1.12e12; M4: 2.77e22; M5: 1.87e08; M6: 2.44e25; Best double couple: Ms5.289000x10^16 NP1: 129.000000, 823.000000, 1.94.000000, NP2: 299.000000, 823.000000, 1.80.000000. Principal axes: T 5.2270, P16.680000, Azm47.0000; N 0.1240, P14.0000, Azm308.0000; P -5.3510, P12.200000, Azm216.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Main table for station 243, listing station names, azimuths, elevations, phase IDs, times, and residuals. Includes stations like NEIC, CASC, GCMT, etc.

Main table for station 2011 JAN, listing station names, azimuths, elevations, phase IDs, times, and residuals. Includes stations like LCY, LCA, PAC, etc.

Main table for station 5d 18h, listing station names, azimuths, elevations, phase IDs, times, and residuals. Includes stations like 338A, 633A, 436A, etc.

X38A	Whitesboro	24.34 343	P	P	18 36 57.8 +0.3
Y35A	Marietta	24.36 338	P	P	18 36 58.0 +0.4
Z30A	Sterling City	24.41 329	P	P	18 36 57.7 -0.5
X37A	Clayton	24.43 342	P	P	18 36 58.5 +0.3
Z33A	Whitaker Ranch	24.49 333	P	P	18 36 58.6 -0.2
HALT	Halls	24.51 354	eP	P	18 37 00.1 +0.1
WVT	Waverly	24.62 357	eP	P	18 37 00.1 +0.1
WVT	Waverly	comp=Z,17nm,1.0s		Pmax	
WVT	Waverly	comp=Z,17nm,1.0s		Pmax	
WVT	Gosnell	24.64 353	eP	P	18 40 37.0 +0.2
GNAR	Poteau	24.64 344	P	P	18 37 00.8 +0.7
W38A	Poteau	24.64 344	P	P	18 37 00.3 +0.2
H06E1	SOCORRO T-PHASE	24.65 290	T	T	19 02 17.3
Y34A	Reagan Ranch	24.67 337	P	P	18 36 59.7 -0.7
131A	Roby	24.70 331	P	P	18 37 00.2 -0.6
X36A	Centrahoma	24.72 340	P	P	18 37 00.5 -0.4
X35A	Drake	24.78 339	P	P	18 37 01.0 -0.4
Z32A	Haskell	24.81 333	P	P	18 37 01.3 -0.5
UTMT	University of	24.90 355	eP	P	18 37 02.8 +0.3
130A	Snyder	24.91 330	P	P	18 37 02.2 -0.5
Y33A	Hilltop Ranch	25.05 336	P	P	18 37 03.5 -0.5
Z31A	Sharp Cattle R	25.12 332	P	P	18 37 04.1 -0.5
W36A	Wetumka	25.20 341	P	P	18 37 05.0 -0.2
X34A	Smith Ranch, M	25.27 338	P	P	18 37 05.3 -0.6
PARMO	Panna	25.30 354	eP	P	18 37 06.3 +0.3
V38A	Canehill	25.36 345	P	P	18 37 05.6 -1.0
Y32A	R-V Farms, Ver	25.39 334	P	P	18 37 06.2 -0.8
W35A	Tecumseh	25.43 340	P	P	18 37 06.4 -0.9
X33A	Lawton	25.47 337	P	P	18 37 07.0 -0.7
PBMO	Poplar Bluff	25.49 353	eP	P	18 37 07.4 -0.4
Z30A	Sanderson Ranch	25.55 331	P	P	18 37 07.5 -1.1
V37A	Hulbert	25.57 344	P	P	18 37 07.8 -0.8
X32A	Elmer	25.68 335	P	P	18 37 08.9 -0.8
Y31A	Rekieta Farm,	25.71 333	P	P	18 37 09.0 -1.0
V36A	Jenks	25.71 342	P	P	18 37 09.1 -0.8
WMOK	Wichita Mounta	25.75 336	eP	P	18 37 10.7 +0.4
WMOK	Wichita Mounta	comp=Z,139nm,1.1s		Pmax	
WMOK	Wichita Mounta	comp=Z,139nm,1.1s		Pmax	
WMOK	Leonard	25.78 342	eP	P	18 37 10.7 +0.4
TUL1	Leonard	25.78 342	eP	P	18 37 10.0 -0.6
TUL1	Leonard	comp=Z,51nm,0.9s		P	18 37 09.8 -0.7
W34A	Bridge Creek,	25.81 338	P	P	18 37 10.0 -0.8
W34A	Bridge Creek,	comp=Z,137nm,1.0s		P	18 37 10.6 -0.3
LPIG	La Paz	25.87 302	LR	LR	18 47 54.7
U38A	Gravette	25.90 345	P	P	18 37 11.1 -0.5
Y30A	Stafford Catti	25.93 332	P	P	18 37 11.3 -0.7
V35A	Meyer Ranch, C	25.97 341	P	P	18 37 11.0 -1.2
W33A	Caddo, Fort Co	26.00 337	P	P	18 37 11.9 -0.6
U37A	Saline	26.05 344	P	P	18 37 12.5 -0.5
X31A	McDonald Ranch	26.15 334	P	P	18 37 12.9 -1.1
T40A	Mansfield	26.18 349	P	P	18 37 13.4 -0.7
U36A	Oologah	26.21 343	P	P	18 37 13.1 -1.3
BLA	Blacksburg	26.25 11	eP	Pmax	18 37 17.3 +2.5
BLA	Blacksburg	comp=Z,62nm,1.1s		Pmax	
BLA	Blacksburg	comp=Z,62nm,1.1s		P	18 37 17.3 +2.5
V34A	Guthrie	26.26 339	P	P	18 37 13.8 -1.1
V34A	Guthrie	comp=Z,71nm,1.0s		P	18 37 13.8 -1.1
W32A	Sentinel	26.28 336	P	P	18 37 13.6 -1.4
SIUC	Southern Illin	26.29 355	eP	P	18 37 15.6 +0.6
WVCC	Virginia Weste	26.37 12	eP	P	18 37 18.1 +2.2
X30A	Coker Ranch, T	26.39 333	P	P	18 37 15.5 -0.6
USIN	University of	26.45 358	eP	P	18 37 16.8 +0.3
U35A	Pawnee	26.50 341	P	P	18 37 15.7 -1.2
V33A	Loossen Ranch,	26.52 338	P	P	18 37 16.2 -1.1
S40A	Lebanon	26.61 349	P	P	18 37 17.5 -0.4
W31A	Holland Ranch,	26.61 335	P	P	18 37 17.1 -1.1
MNTX	Cornudas Mount	26.65 322	P	P	18 37 17.2 -1.3
MNTX	Cornudas Mount	comp=Z,24nm,1.1s		P	18 37 17.8 -0.7
T37A	Cheneyville 18	26.68 345	P	P	18 37 18.2 -0.4
WCI	Wyandotte Cave	26.69 0	P	P	18 37 10.7 -8.0
WCI	Wyandotte Cave	comp=Z,39nm,1.1s		P	18 37 19.8 +1.0
V32A	Arapaho	26.72 337	P	P	18 37 18.3 -0.7
U34A	Anderson Ranch	26.82 340	P	P	18 37 19.0 -0.9
U34A	Anderson Ranch	comp=Z,40nm,0.9s		P	18 37 19.5 -0.4
S39A	Bolivar	26.86 348	P	P	18 37 19.6 -0.6
T36A	Boggs Farm, Ca	26.88 343	P	P	18 37 19.0 -1.4
MSTX	Muleshoe	26.91 329	P	P	18 37 19.6 -1.3
S38A	Stockton	26.92 347	P	P	18 37 20.0 -0.8
T35A	Sooner Cattle	26.93 342	P	P	18 37 19.7 -1.2
U33A	Lingo Farm, Me	27.01 339	P	P	18 37 20.2 -1.4
V31A	Spring Creek L	27.08 336	P	P	18 37 21.4 -0.9
AMTX	Amarillo	27.12 332	P	P	18 37 22.0 -0.7
AMTX	Amarillo	comp=Z,111nm,1.1s		P	18 37 23.4 +0.6
AMTX	McClaskey Farm	27.24 341	eP	P	18 40 44.6 +1.9
T34A	Maddies Statio	27.24 350	P	P	18 37 22.9 -0.7
S37A	Fort Scott	27.26 346	P	P	18 37 23.2 -0.6
U32A	Winter Ranch,	27.28 338	P	P	18 37 23.0 -1.1
R39A	Chumby, Stover	27.40 349	P	P	18 37 24.3 -0.8

V30A	Spur Ranch, MI	27.42 334	P	P	18 37 24.3 -1.1
S36A	Lake Cedric, C	27.42 344	P	P	18 37 24.6 -0.7
R38A	Fenwick Farm,	27.46 347	P	P	18 37 24.6 -1.0
S35A	Otter Creek Ra	27.58 343	P	P	18 37 25.8 -0.9
BLO	Bloomington	27.63 360	eP	Pmax	18 37 28.0 +0.9
BLO	Bloomington	comp=Z,41nm,0.8s		P	18 37 28.0 +0.9
T33A	Patterson Ranc	27.64 339	P	P	18 37 26.0 -1.3
R37A	Teagarden Farm	27.79 346	P	P	18 37 27.9 -0.6
S34A	Willow Spring	27.84 342	P	P	18 37 27.9 -1.1
Q40A	Laux Farm, Aux	27.90 351	P	P	18 37 28.7 -0.8
R36A	Gordon, Harris	27.96 345	P	P	18 37 29.4 -0.8
T32A	Huddell Ranch,	27.97 339	P	P	18 37 28.7 -1.5
S33A	Kaszmual Farm,	28.02 340	P	P	18 37 30.0 -0.6
U30A	WK&E Inc. Balk	28.06 335	P	P	18 37 30.3 -0.8
Q39A	Willow Grove F	28.10 349	P	P	18 37 30.4 -0.9
Q38A	Cooks Store, C	28.14 348	P	P	18 37 31.1 -0.6
R35A	Emporia Munic	28.15 344	P	P	18 37 31.4 -0.4
T31A	Randall Ranch,	28.17 337	P	P	18 37 31.2 -0.9
Q37A	Longview Farm,	28.24 347	P	P	18 37 31.7 -0.8
P40A	Paris	28.42 351	P	P	18 37 33.4 -0.8
R34A	Isabella, Hill	28.43 342	P	P	18 37 33.8 -0.5
S32A	Newby Ranch, P	28.44 339	P	P	18 37 33.4 -0.9
T30A	Plains	28.46 336	P	P	18 37 33.6 -1.1
P39A	Salisbury	28.49 350	P	P	18 37 34.1 -0.7
Q36A	Arnold C. Orve	28.56 345	P	P	18 37 34.5 -0.9
S31A	Mullinville	28.56 338	P	P	18 37 34.9 -0.6
Q35A	Mercer Eighty,	28.61 344	P	P	18 37 35.3 -0.5
R33A	Olander Ranch,	28.67 341	P	P	18 37 35.8 -0.6
121A	Cookes Peak, D	28.70 320	P	P	18 37 35.7 -1.3
121A	Cookes Peak, D	comp=Z,34nm,1.1s		eP	18 37 37.2 +0.2
MCWV	Mont Chateau	28.73 11	eP	P	18 37 36.7 +2.5
P38A	Dawn	28.77 349	P	P	18 37 39.7 -0.5
SF1N	Lafayette	28.84 359	P	P	18 37 37.7 -0.2
SF1N	Lafayette	comp=Z,59nm,1.0s		P	18 37 38.3 +0.5
ACSO	Alum Creek Sta	28.86 6	eP	P	18 37 39.6 +1.6
P37A	Lathrop	28.90 347	P	P	18 37 37.8 -0.6
Q34A	Chapman	28.91 343	P	P	18 37 37.7 -0.9
S30A	Mozzuma	28.95 337	P	P	18 37 38.2 -0.8
O40A	La Belle	28.97 352	P	P	18 37 38.5 -0.5
KSU1	Kansas State U	28.99 344	eP	P	18 37 38.4 -0.8
KSU1	Kansas State U	comp=Z,78nm,1.2s		eP	18 37 39.3 +0.1
R32A	Long Quarter,	29.01 340	P	P	18 37 38.5 -0.9
PTGA	Pitinga	29.02 113	P	P	18 37 40.7 +1.0
PTGA	Pitinga	comp=Z,2.8nm,0.5s,baz=175,slow=5.3,SNR=4.1		P	18 40 48.5 +0.8
PTGA	Pitinga	comp=Z,821nm,19.1s,baz=293,slow=42		LR	18 51 56.2
PTGA	Pitinga	comp=Z,821nm,19.1s,baz=293,slow=42		eP	18 40 49.2 +1.6
HDIL	Hopedale	29.12 356	P	P	18 37 39.9 -0.4
HDIL	Hopedale	comp=Z,69nm,0.8s		eP	18 37 40.5 +1.1
P36A	Good Intent, A	29.12 346	P	P	18 37 39.8 -0.6
BNN	Barren Site	29.13 324	eP	P	18 37 41.1 +0.2
SDMD	Soldier's Deli	29.17 15	eP	P	18 37 42.6 +1.9
R31A	Burdett	29.17 339	P	P	18 37 40.2 -0.7
S29A	Ulysses	29.19 336	P	P	18 37 40.5 -0.6
Q39A	Kirkville	29.20 351	P	P	18 37 40.5 -0.6
P35A	Duane Minner,	29.23 345	P	P	18 37 40.6 -0.8
O38A	Galt	29.24 349	P	P	18 37 40.6 -0.8
Y22D	IRIS P ASSCAL I	29.25 324	P	P	18 37 40.0 -1.8
LPM	Los Pinos Moun	29.25 324	eP	P	18 37 40.6 -1.3
Q33A	Connelly Farm,	29.25 342	P	P	18 37 41.0 -0.6
O37A	Wolven Farm, M	29.41 348	P	P	18 37 42.3 -0.7
R30A	Dighton	29.44 338	P	P	18 37 42.4 -0.9
P34A	Walnut Farm, R	29.46 344	P	P	18 37 43.2 -0.3
Q32A	Meitler Ranch,	29.47 341	P	P	18 37 42.8 -0.8
S28A	Mantel	29.48 335	P	P	18 37 42.9 -0.9
O36A	Bolkow	29.55 347	P	P	18 37 43.6 -0.6
O56A	Blue Knob Stat	29.57 12	P	P	18 37 45.2 +0.8
LAZ	Ladron	29.61 324	eP	P	18 37 47.4 +2.4
P33A	Williams Farm,	29.61 342	P	P	18 37 44.3 -0.5
ANMO	Albuquerque	29.61 325	P	P	18 37 44.7 -0.3
ANMO	Albuquerque	comp=Z,6.1nm,0.9s,baz=145,slow=7.7,SNR=14		P	18 40 50.8 +1.7
ANMO	Albuquerque	comp=Z,246nm,21.5s,baz=145,slow=39		LR	18 51 00.05
ANMO	Albuquerque	comp=Z,246nm,21.5s,baz=145,slow=39		LR	18 51 00.05
ANMO	Albuquerque	comp=Z,5.0nm,0.9s		Pmax	18 37 46.0 +0.9
ANMO	Albuquerque	comp=Z,5.0nm,0.9s		Pmax	18 37 45.5 +0.4
ANMO	Albuquerque	comp=Z,8.8nm,0.8s		eP	18 37 45.9 +0.9
ANMC	Cedar Bluff	29.71 339	P	P	18 37 45.1 -0.6
CBKS	Cedar Bluff	29.71 339	P	P	18 37 45.1 -0.6
Q31A	Ellis	29.76 340	P	P	18 37 45.2 -0.9
N39A	Deby Farms, D	29.81 351	P	P	18 37 45.9 -0.5
N38A	Joes South For	29.84 350	P	P	18 37 46.3 -0.5
R29A	Marshall	29.89 337	P	P	18 37 46.6 -0.7
O35A	Humboldt	29.90 345	P	P	18 37 46.4 -0.9
N54A	Moberg State	29.98 10	P	P	18 37 47.9 +0.9
N37A	Lee Faris, Mou	29.98 348	P	P	18 37 48.3 -0.7
O34A	Beatrice	30.02 344	P	P	18 37 48.0 -0.4

Q30A	Quinter	30.03 338	P	P	18 37 48.2 -0.4
P32A	Huiting Farm,	30.06 341	P	P	18 37 48.1 -0.6
SSPA	Standing Stone	30.07 13	eP	P	18 37 50.8 +1.9
R28A	Tribune	30.09 336	P	P	18 37 48.4 -0.7
O33A	Hebron	30.17 343	P	P	18 37 49.0 -0.7
N36A	Muff Farm, Cla	30.20 347	P	P	18 37 49.3 -0.7
P31A	Stockton	30.22 340	P	P	18 37 50.1 -0.1
Q29A	Oakley	30.23 337	P	P	18 37 49.8 -0.5
T25A	Trinidad	30.24 331	P	P	18 37 50.6 0.0
T25A	Trinidad	comp=Z,19nm,1.2s		eP	18 37 52.2 +1.6
N35A	Tabor	30.24 346	P	P	18 37 51.1 -0.6
M38A	Pleasantville	30.45 350	P	P	18 37 51.4 -0.6
P30A	Selden	30.54 339	P	P	18 37 52.8 -0.2
O32A	Brookman Farm,	30.54 342	P	P	18 37 52.5 -0.5
M54A	Oil Creek Stat	30.56 10	P	P	18 37 54.0 +0.8
M37A	Trindle Farm,	30.59 349	P	P	18 37 52.7 -0.7

5d 18h

Table of station data for the 5d 18h period, including station names, coordinates, and various parameters like elevation and frequency.

2011 JAN

Table of station data for the 2011 JAN period, including station names, coordinates, and various parameters like elevation and frequency.

246

Table of station data for the 246 period, including station names, coordinates, and various parameters like elevation and frequency.

SOME 05 18:37:41.9, 42:97'N:78:23'E, h0km
KRNET 05 18:37:42.5, 0.1, 42:79'N:78:39'E, h21km, mb3.3
NNC 05 18:37:42.5, 6.3, 42:98'N:78:35'E, h0km, mb3.0, mpv2.5

ISCJB 05 18:37:43.2, 0.5, 43:03'N:0.03:78:24'E:0.03, h1km, 4km,
Error ellipse: s-maj=5.9km s-min=2.9km az=155.9
ISC 05 18:37:43.3, 0.9, 43:03'N:0.04:78:29'E:0.02, h13km, 6km,
n2z=191947, 18C-BD, Lake Issyk-Kul region

Table of station data for the 246 period, including station names, coordinates, and various parameters like elevation and frequency.

ISCJB 05 18:46:11.8, 0.7, 26:9'N:0.1:144:09'E:0.08, h10km,
mb3.5/10, MS3.5/1, Error ellipse: s-maj=17.3km
s-min=10.2km az=178.5
IDC 05 18:46:12.1, 0.9, 26:91'N:144:08'E, h0km, mb3.5/10,
mb1 3.7/11, mb1 mx3.6/51, mb1mp3.5/11, ML3.6/1, MS3.5/1,
Ms1 3.5/1, ms1mx2.5/34, Error ellipse: s-maj=23.3km

5d 20h

Table of station data for the 5d 20h period, including station names, coordinates, and various parameters like SNR and error rates.

2011 JAN

Main table of station data for 2011 JAN, listing station names, coordinates, and performance metrics.

250

Table of station data for the 250 period, including station names, coordinates, and various parameters.

Table with columns: CHIC, HELC, HELC, HELC, SOCV, SOCV, WILC, WILC, GUYC, GUYC, TOLC, TOLC, ELOV, PRAC, SJAC, VIRV, QARV, SANV, BAUV. Includes station names, frequencies, and coordinates.

IDC 05 22:14:20.1, 1.0, 13.7N, 0.2, 50.57E, 0.08, h21km, n21, s=19.9km az=164.0, Error ellipse: s-maj=53.6km s-min=26.7km az=52.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chichijima, Matsushiro Arr, Korea Array, Warramunga Arr, Makanchi Array.

IDC 05 22:14:16.0, 1.8, 12.98N, 51.00E, h0km, mb3.6/9, mb1 3.7/11, mb1mx3.6/9, mbtmp3.6/11, ML3.5/2, MS3.3/9, Ms1 3.9, ms1mx3.0/41, Error ellipse: s-maj=45.6km s-min=19.9km az=164.0

ISCJB 05 22:14:20.1, 1.0, 13.7N, 0.2, 50.57E, 0.08, h21km, mb3.6/9, MS3.2/7, Error ellipse: s-maj=18.5km s-min=6.5km az=170.3

DHMR 05 22:14:22.8, 2.6, 13.81N, 50.54E, h47km, 609km, ML3.8

ISC 05 22:14:22.9, 1.3, 13.7N, 0.2, 50.57E, 0.08, h21km, n21, s=19.9km, mb3.6/9, MS3.3/7, 1C-2D, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AI Mukalla, Al Bayda, Arta Tunnel, Wadi Sarin, WSAR, KMBO, Eilat, GEYT, BRTR, KBZ, KVAR, AKTO, BVAR, MKAR, ARU, GERES, CMAR, TORD, ZALV, ESDC, SONM.

ISCJB 05 22:18:10.2, 0.7, 18.78S, 0.09, 169.0E, 0.1, h147km, mb3.8/11, Error ellipse: s-maj=17.8km s-min=9.6km az=34.1

IDC 05 22:18:12.4, 2.9, 18.88S, 169.05E, h157km, 27km, mb3.6/12, mb1 3.8/11, mb1mx3.7/46, mbtmp3.4/13, Error ellipse: s-maj=28.1km s-min=18.7km az=174.0

ISC 05 22:18:11.3, 0.7, 18.8S, 0.1, 169.1E, 0.1, h147km, n30, s=0.66km, mb3.8/11, 8C-2D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mont Dzumac, Urewera, Charters Tower, STKA, WRA, ASAR, FITZ, USRK, CMAR, SONM, NVAR, ILAR, TXAR, YKA, MKAR, BOSHA, ARCES, CONA, GERES.

IDC 05 22:27:29.9, 0.9, 30.14N, 51.62E, h0km, mb3.7/19, mb1 3.9/24, mb1mx3.7/58, mbtmp3.7/24, ML3.5/5, Error ellipse: s-maj=21.6km s-min=14.2km az=6.0

ISCJB 05 22:27:31.1, 0.2, 30.19N, 0.02, 51.72E, 0.04, h8km, mb3.9/18, Error ellipse: s-maj=4.9km s-min=3.3km

CSEM 05 22:27:32.0, 2.0, 30.21N, 51.77E, h2km, ML3.8, Ms4.1, Error ellipse: s-maj=7.3km s-min=4.2km az=69.0

TEH 05 22:27:32.7, 30.17N, 51.65E, h7km, ML3.8

THR 05 22:27:32.6, 0.4, 30.22N, 51.66E, h46km, 6km, ML3.9

DSN 05 22:27:36.9, 0.2, 30.16N, 52.23E, h15km, mb3.7/8, Ms4.1/7, Error ellipse: s-maj=8.3km s-min=4.6km az=34.0

ISC 05 22:31.8, 0.5, 30.21N, 0.04, 51.76E, 0.05, h8km, n101, s=15.9km, mb3.7/18, 25C-19D, Northern and central Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kazeroun, Pars, WARRAMUNGA ARR, ASAR, CMAR, MKAR, ILAR, TXAR, YKA, MKAR, BOSHA, ARCES, CONA, GERES.

Table with columns: ANOYIA, MOA, SOKA, KBA, MYKA, ABTA, MOTA, RETUA, FETA, DAVA, TORD. Includes station names, frequencies, and coordinates.

NIED 05 22:18:00, 27.30N, 143.60E, h8km, Mw3.8 Best double couple: Ms5.92000, 1014 NP1.3s, 328.00000, s22.00000, lambda=77.00000, NP2.3s, 135.00000, s69.00000, lambda=95.00000

IDC 05 22:18:42.9, 1.0, 27.06N, 143.84E, h0km, mb3.8/11, mb1 3.9/12, mb1mx3.7/59, mbtmp3.8/12, ML4.0/1, Error ellipse: s-maj=24.3km s-min=21.9km az=7.0

ISCJB 05 22:18:44.0, 0.8, 27.20N, 0.07, 143.75E, 0.06, h10km, mb3.8/11, Error ellipse: s-maj=10.8km s-min=6.2km az=146.0

JMA 05 22:18:44.8, 0.2, 27.25N, 143.63E, h2km, M3.6

ISC 05 22:18:46.0, 0.9, 27.06N, 0.09, 143.72E, 0.08, h10km, n19, s=110.2km, mb3.7/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chichi jima, Chichijima, JHHU, BSOZ, JRV, MJAR, USRK, SONM, WRA, ZALV, MKAR, KURBK, ILAR, BVAR, ARU, YKA, FINES, PDAR, LPZAP.

ISCJB 05 22:22:51.5, 0.4, 3.71S, 0.04, 128.70E, 0.04, h150km, mb3.1/2, Error ellipse: s-maj=6.1km s-min=5.1km az=148.8

DJA 05 22:22:55.7, 0.4, 4.3S, 12.9E, s, h95km, 5km, M3.6/11, ML3.6/11

IDC 05 22:22:55.5, 2.4, 3.74S, 129.18E, h182km, 32km, mb3.1/3, mb1 3.4/6, mb1mx3.1/53, mbtmp3.8/6, Error ellipse: s-maj=39.1km s-min=13.5km az=72.0

ISC 05 22:22:52.8, 0.8, 3.74S, 0.06, 128.68E, 0.05, h150km, n16, s=29.04km, Seram

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MASAI, AAI, KRAI, BNDI, NLAI, SANI, LBMI, FAKI, SJIJ, SWI, FITZ, WRA, ASAR, CMAR, MKAR.

IDC 05 22:27:29.9, 0.9, 30.14N, 51.62E, h0km, mb3.7/19, mb1 3.9/24, mb1mx3.7/58, mbtmp3.7/24, ML3.5/5, Error ellipse: s-maj=21.6km s-min=14.2km az=6.0

ISCJB 05 22:27:31.1, 0.2, 30.19N, 0.02, 51.72E, 0.04, h8km, mb3.9/18, Error ellipse: s-maj=4.9km s-min=3.3km

CSEM 05 22:27:32.0, 2.0, 30.21N, 51.77E, h2km, ML3.8, Ms4.1, Error ellipse: s-maj=7.3km s-min=4.2km az=69.0

TEH 05 22:27:32.7, 30.17N, 51.65E, h7km, ML3.8

THR 05 22:27:32.6, 0.4, 30.22N, 51.66E, h46km, 6km, ML3.9

DSN 05 22:27:36.9, 0.2, 30.16N, 52.23E, h15km, mb3.7/8, Ms4.1/7, Error ellipse: s-maj=8.3km s-min=4.6km az=34.0

ISC 05 22:31.8, 0.5, 30.21N, 0.04, 51.76E, 0.05, h8km, n101, s=15.9km, mb3.7/18, 25C-19D, Northern and central Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kazeroun, Pars, WARRAMUNGA ARR, ASAR, CMAR, MKAR, ILAR, TXAR, YKA, MKAR, BOSHA, ARCES, CONA, GERES.

Table with columns: AHRM, SARVESTAN, RAMESH, GHARNEH, GHIR, IPIR, ZEFREH, MEHRIZ, NASN, ICHK, KOLAHROOD, Kerman, IVARN, BOOSS, IRAN LONG-PERJ, DAMAVAND, IRAZ, FIROOZKOH, BANAH, GHALEGHAZI, SNGE, BTHS, NAZ, IGZV, ASUD, FAO, HATD, ASHO, WSAR, YKA, JABAL AL ASFAR. Includes station names, frequencies, and coordinates.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASF, MMAI, KBZ, BRTR, AKTO, AAK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TAP, TWC, TWC, ILA, ILA, TWE, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CHN1, SGST, TWG, JKRS, etc.

NIED 05 23:00:00.27.00N;144.10E;h5km,Mw4.0 Best double core: M1.05000;1015 NP1.0;322.00000;841.00000, lambda-119.00000. NP2.0;178.00000;855.00000, lambda-67.00000.

ISC/JB 05 23:00:16.8;0.4,26.73N;0.06;144.10E;0.05,h10km, mb4.2/33,MS4.0/1,Error ellipse: s-maj=8.8km s-min=5.7km az=8.1

JMA 05 23:00:16.9;0.4,26.98N;144.15E,h12km,M4.1 IDC 05 23:00:16.8;0.5,26.78N;144.06E,h0km,mb4.1/22, mb1.4,3/25,mb1mx4.2/352,mbtmp4.1/25,ML3.3/3,MS3.1/3, mb1.3/3/3,ms1mx2.6/41,Error ellipse: s-maj=15.8km s-min=12.7km az=70.0

MOS 05 23:00:17.6;0.9,26.69N;144.10E,h17km,mb4.4/24,Error ellipse: s-maj=16.2km s-min=9.5km az=109.0 NEIC 05 23:00:18.3;0.3,26.76N;144.04E,h10km,mb4.5/3,Error ellipse: s-maj=8.3km s-min=6.1km az=60.0

ISC 05 23:00:18.1;0.5,26.79N;0.07;144.03E;0.06,h10km,n59, r1310/60,mb4.2/33,7C, Bonin Islands region

PGC 05 22:30:20.5;2.3,48.95N;129.15W,h10km,ML3.2/22,Mw3.8,23.1km southwest of Pt. Hardy, Bc Vancouver Island Region

IDC 05 22:30:20.4;4.1,49.08N;129.39W,h0km,mb3.9/1,mb1.3/3/3,mb1mx3.4/23,mbtmp3.6/6,ML3.4/5,MS3.3/3,MS1.3/3/3,ms1mx2.9/53,Error ellipse: s-maj=7.2,1km s-min=5.9km az=75.0

ISC/JB 05 22:30:22.3;1.1,49.11N;0.05;128.8W;0.1,h12km,mb3.9/1,Error ellipse: s-maj=13.6km s-min=5.5km az=148.2

ISC 05 22:30:24.0;2.5,49.20N;0.06;128.75W;0.07,h5km,15km,n42,r180/58,Vancouver Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BPBC, EDB, FHRB, etc.

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

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

ISC/JB 05 22:42:21.4;0.4,24.63N;0.03;121.86E;0.02,h79km,3km, Error ellipse: s-maj=4.6km s-min=2.4km az=155.1

ABKAR Abkulak array 66.48 315 eP P 23 11 08.2 +0.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like YKA Yellowknife Arr, YBH Yreka Blue Hor, FINES FINES Array B, etc.

ISC/JB 05 23:10:48.9.1.1, 38.19N, 0.03:25.76E, h2km, 7km, Error ellipse: s-maj=10.1km s-min=5.8km az=179.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHOS Chios island, ZEV zmir, URLA Izmir, etc.

DDA 05 23:12:16.8.37.57N, 36.38E, h2km, Md2.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ANDN Andirin, KOZT Kozan, KMRS Kahramanmaraş, etc.

DDA 05 23:23:04.3.7.1, 36.67S, 72.78W, h0km, mb3.7/3, mb1 3.7/4, mb1mx3.6/2.1, mbtmp3.7/4, ML3.6/1, MS3.2/3, Ms1 3.2/3, ms1mx2.9/2.2, Error ellipse: s-maj=205.0km s-min=22.0km az=79.0, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PLCA Paso Flores, ATAH Atahualpa, DBIF Dimbokro, etc.

DDA 05 23:23:55.7.0.8, 14.82N, 147.15E, h0km, mb4.1/19, mb1 4.2/20, mb1mx4.1/51, mbtmp4.2/20, ML4.4/1, MS2.7/2, Ms1 2.7/2, ms1mx2.5/28, Error ellipse: s-maj=22.9km s-min=15.1km az=1.0

DDA 05 23:23:56.4.14.60N, 147.49E, h36km, mb4.7/32, mb5.0/22, Ms4.8/10, Ms7.4/6/10

ISC/JB 05 23:23:57.1.0.3, 14.72N, 0.04:147.30E, h0.05, h27km, mb4.6/50, MS3.6/2, Error ellipse: s-maj=7.4km s-min=5.9km az=168.3

NEIC 05 23:23:57.9.4.7, 14.74N, 147.31E, h19km, 28km, mb4.8/15, Error ellipse: s-maj=11.8km s-min=6.9km az=88.0

ISC 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ANA2 Anatahan, SARN Sarigan, GUMO Guam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, etc.

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WB2 Warramunga Arr, WR1 Warramunga Arr, WRA Warramunga Arr, etc.

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SEY Seymour Arr, LSA Lhasa, RAO Raoul Island, etc.

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

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, SOKA Soko, etc.

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GROS Grobnik, GROG Grobnik, KOGS Kog, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GEYT Alikebeck, YKA Yellowknife Arr, YKBS Yellowknife Arr, etc.

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCY Chichijima, SONM Songo Arr, WRA Warramunga Arr, etc.

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBJJ Chichijima, JCY Chichijima, JHHJ Haha-jima-NKT, etc.

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

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

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

DDA 05 23:23:58.0.9.5, 14.67N, 0.06:147.25E, 0.07, h27km, n85, s1524/85, mb4.7/50, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CONA Conrad Observa, SOKA Soko, SOKA Soko, etc.

6d 0h

2011 JAN

260

TXAR	comp=E,0.6nm,0.9s,baz=98,slow=5.6,SNR=2.8	PKKP	PKKPdf	00 53 31.4 -1.0	333A	Richland Sprin	116.66	57	P	PKPpdf	00 42 31.1 -0.2	baz=290	P39A	Salisbury	119.27	47	P	PKPpdf	00 42 36.2 +0.3
N29A	Votaw Ranch, W 113 12 47 P	PKKP	PKKPdf	00 42 23.9 -0.4	433A	Art	116.68	58	P	PKPpdf	00 42 30.7 -0.6	baz=291	637A	Eagle Lake	119.30	59	P	PKPpdf	00 42 36.4 +0.1
ULM	Lac du Bonnet 113.21 36 PKIKP	PKIKP	PKIKP	00 42 21.7 -2.3	PRU	Prulonice	116.70 325 ePKIKP			PKPpdf	00 42 30.9 +0.2	baz=292	W38A	Poteau	119.35	52	P	PKPpdf	00 42 35.5 -0.7
J30A	Dallas 113.24 44 P	PKIKP	PKIKP	00 42 24.2 -0.1	T34A	McClaskey Farm	116.73 50 P			PKPpdf	00 42 30.8 -0.4	baz=286	ABTA	Abfattersbach	119.42 323			PKPpdf	00 42 35.5 -0.7
A29A	Rocking H Ranc 113.35 38 P	PKIKP	PKIKP	00 42 23.7 -0.6	V34A	Guthrie	116.79 52 P			PKPpdf	00 42 29.3 -2.1	baz=286	S39A	Bolivar	119.46 49 P			PKPpdf	00 42 35.9 -0.6
Q32A	Oakley 113.35 49 P	PKIKP	PKIKP	00 42 23.5 -1.2	633A	Saathoff Ranch	116.86 56 P			PKPpdf	00 42 31.6 -0.1	baz=281	R39A	Chumby, Stover	119.47 48 P			PKPpdf	00 42 36.0 -0.4
B32A	Ashes, Strandq 113.51 38 P	PKIKP	PKIKP	00 42 22.6 -2.0	P35A	Duane Minner,	116.88 48 P			PKPpdf	00 42 31.6 +0.2	baz=280	Z38A	Phasant	119.49 54 P			PKPpdf	00 42 36.8 +0.3
S29A	Ulysses 113.55 51 P	PKIKP	PKIKP	00 42 25.4 +0.2	833A	Chapparral WMA,	116.88 60 P			PKPpdf	00 42 31.8 +0.1	baz=280	HKT	Hockley	119.60 58 ePKPpdf			PKPpdf	00 42 37.7 +0.9
R31A	O'Neill 113.97 45 P	PKIKP	PKIKP	00 42 25.3 -0.4	733A	Divot King Rang	116.90 60 P			PKPpdf	00 42 31.6 -0.2	baz=281	O40A	La Belle	119.68 46 P			PKPpdf	00 42 37.8 +1.1
K30A	Dighton 114.03 50 P	PKIKP	PKIKP	00 42 25.5 -0.5	CLL	Colim	116.92 327 ePKIKP			PKPpdf	00 42 31.0 -0.1	comp=Z,5.0nm,0.9s	WTTA	Wattenberg	119.70 323			PKPpdf	00 42 36.3 -0.5
U30A	WK&E Inc. Balk 114.16 52 P	PKPpdf	PKPpdf	00 42 26.3 -0.1	CLL	Colim	116.92 327 ePKIKP			PKPpdf	00 42 31.0 -0.1	comp=Z,5.0nm,0.9s	238A	Jacksonville	119.70 55 P			PKPpdf	00 42 36.6 -0.4
M31A	Lambrecht Ranc 114.18 46 P	PKPpdf	PKPpdf	00 42 26.3 +0.1	CLL	Colim	116.92 327 ePKIKP			PKPpdf	00 42 31.0 -0.1	comp=Z,5.0nm,0.9s	338A	Crockett	119.71 56 P			PKPpdf	00 42 36.6 -0.4
H32A	Carlson Farm,	PKPpdf	PKPpdf	00 42 26.8 +0.5	K36A	Gilmore City	116.96 44 P			PKPpdf	00 42 32.0 -1.3	baz=291	438A	Sam Houston St	119.72 57 P			PKPpdf	00 42 36.9 -0.2
CBKS	Cedar Bluff 114.31 49 P	PKPpdf	PKPpdf	00 42 26.9 +0.4	Q35A	Mercer Eighty,	117.07 48 P			PKPpdf	00 42 32.1 +0.3	baz=289	P40A	Paris	119.77 46 P			PKPpdf	00 42 36.7 -0.2
J29A	Parkston 114.37 44 P	PKPpdf	PKPpdf	00 42 27.7 +1.2	Y34A	Reagan Ranch,	117.07 54 P			PKPpdf	00 42 32.2 +0.3	baz=291	Q40A	Laux Farm, Aux	119.94 47 P			PKPpdf	00 42 37.0 -0.3
P31A	Stockton 114.39 48 P	PKPpdf	PKPpdf	00 42 26.4 -0.2	SPMM	Marine on St.	117.09 41 P			PKPpdf	00 42 31.5 -0.1	baz=286	MOTA	Mossam	119.98 324			PKPpdf	00 42 36.4 -1.0
D33A	AnnSam, Wauburn 14.41 40 P	PKPpdf	PKPpdf	00 42 26.4 0.0	933A	Laredo	117.11 61 P			PKPpdf	00 42 31.8 -0.3	comp=Z,3.9nm,0.5s	Y39A	Lockesburg	120.01 53 P			PKPpdf	00 42 37.1 -0.5
Z30A	Sanderson Ranc 114.48 55 P	PKPpdf	PKPpdf	00 42 26.8 -0.2	134A	White-Moore Ra	117.13 56 P			PKPpdf	00 42 31.8 -0.2	baz=290	R40A	Maddies Statio	120.04 48 P			PKPpdf	00 42 37.1 -0.4
Y30A	Stafford Cattl 114.55 55 P	PKPpdf	PKPpdf	00 42 26.8 -0.4	I37A	Lemond, Waseca	117.12 42 P			PKPpdf	00 42 31.7 -0.1	baz=283	S40A	Lebanon	120.11 49 P			PKPpdf	00 42 37.2 -0.4
B34A	Aery, Baudette 114.64 38 P	PKPpdf	PKPpdf	00 42 26.2 -0.0	S35A	Otter Creek Ra	117.20 50 P			PKPpdf	00 42 31.8 -0.3	baz=286	139A	Bunkhouse Ranc	120.12 55 P			PKPpdf	00 42 37.5 -0.3
G33A	Ortonville 114.72 42 P	PKPpdf	PKPpdf	00 42 27.3 +0.2	U35A	Pawnee	117.26 51 P			PKPpdf	00 42 31.9 -0.3	baz=287	Z39A	McRaven,	120.14 54 P			PKPpdf	00 42 37.2 -0.6
230A	Sterling City 114.76 57 P	PKPpdf	PKPpdf	00 42 27.2 -0.4	H37A	Dierke Farm, C	117.27 41 P			PKPpdf	00 42 30.9 -1.1	baz=290	T40A	Mansfield	120.24 49 P			PKPpdf	00 42 37.5 -0.5
330A	Mertzon 114.80 57 P	PKPpdf	PKPpdf	00 42 27.4 -0.3	T35A	Sooner Cattle	117.28 50 P			PKPpdf	00 42 32.2 0.0	baz=286	MIAR	Mount Ida	120.25 52 ePKIKP			PKPpdf	00 42 38.3 +0.3
S31A	Mullinville 114.80 50 P	PKPpdf	PKPpdf	00 42 27.6 +0.1	334A	Lometa	117.28 57 P			PKPpdf	00 42 32.3 -0.2	baz=287	MIAR	Mount Ida	120.25 52 P			PKPpdf	00 42 37.8 -0.2
530A	J-C Ranch, Com 114.89 59 P	PKPpdf	PKPpdf	00 42 27.4 -0.4	J37A	Redenius Farm,	117.33 43 P			PKPpdf	00 42 32.1 0.0	baz=286	339A	Huntington	120.34 56 P			PKPpdf	00 42 38.2 +0.3
P32A	Huitt Farm,	PKPpdf	PKPpdf	00 42 27.7 0.0	V35A	Meyer Ranch, C	117.34 52 P			PKPpdf	00 42 32.3 0.0	baz=286	FETA	Feichten	120.36 324			PKIKP	00 42 38.1 -0.1
W31A	Holland Ranch,	PKPpdf	PKPpdf	00 42 27.3 -0.7	534A	Blanco	117.35 58 P			PKPpdf	00 42 32.3 -0.3	baz=286	DAVA	Damuels	120.72 324			PKPpdf	00 42 38.7 0.0
Y31A	Rekieta Farm,	PKPpdf	PKPpdf	00 42 28.2 +0.2	434A	Burnet	117.36 57 P			PKPpdf	00 42 32.7 +0.1	comp=Z,8.5nm,0.5s	FUOR	Offens-Fuor	120.84 323 ePKPpdf			PKPpdf	00 42 39.7 +0.6
ECSD	EROS Data Cent 115.10 43 P	PKPpdf	PKPpdf	00 42 27.6 -0.2	Q36A	Arnold C. Orve	117.46 48 P			PKPpdf	00 42 32.6 0.0	baz=285	340A	Bronson	120.87 56 P			PKPpdf	00 42 39.0 -0.3
ECSD	EROS Data Cent 115.10 43 ePKIKP	PKIKP	PKIKP	00 42 26.8 -1.1	K37A	Belmond	117.47 43 P			PKPpdf	00 42 30.5 -1.9	baz=288	DAVOX	Davos/Dischmat	120.98 324			PKP	00 42 39.0 -0.3
X31A	McDonald Ranch 115.52 54 P	PKPpdf	PKPpdf	00 42 28.2 +0.1	W35A	Tecumseh	117.47 52 P			PKPpdf	00 42 32.7 +0.1	comp=Z,7.4nm,0.6s,baz=246,slow=4.1,SNR=3.3	440A	Kirbyville	120.98 57 P			PKPpdf	00 42 38.7 -0.8
Q32A	Meitler Ranch,	PKPpdf	PKPpdf	00 42 28.3 +0.2	X35A	Drake	117.59 53 P			PKPpdf	00 42 32.8 -0.1	baz=285	MEM	Membach	121.00 329			PKP	00 42 39.6 +0.6
R32A	Long Quarter,	PKPpdf	PKPpdf	00 42 28.7 +0.4	R36A	Gordon, Harris	117.63 49 P			PKPpdf	00 42 33.0 +0.1	baz=285	BEBN	Eben Emael	121.06 329			PKP	00 42 39.2 +0.2
131A	Roby 115.21 56 P	PKPpdf	PKPpdf	00 42 28.2 -0.3	Z35A	Perchaven, San	117.63 55 P			PKPpdf	00 42 33.4 -0.6	baz=288	540A	Vidor	121.10 57 P			PKPpdf	00 42 39.4 -1.0
231A	Sharp Cattle R 115.28 55 P	PKPpdf	PKPpdf	00 42 28.3 -0.2	KHC	Kasperske Hory	117.66 325 ePKIKP			PKPpdf	00 42 33.0 +0.3	baz=284	HDIL	Hopedale	121.33 44 P			PKPpdf	00 42 39.8 -0.1
H44A	Spellman Lake,	PKPpdf	PKPpdf	00 42 28.1 -0.2	KHC	Kasperske Hory	117.66 325 ePKIKP			PKPpdf	00 42 33.0 +0.3	baz=284	BCLA	Clavier	121.48 329			PKP	00 42 40.0 +0.2
431A	Sonora 115.41 58 P	PKPpdf	PKPpdf	00 42 29.0 +0.1	KHC	Kasperske Hory	117.66 325 ePKIKP			PKPpdf	00 42 33.0 +0.3	comp=Z,1.3nm,0.5s,baz=243,slow=2.6,SNR=12	EKA	Eskaulemar Ar	121.93 329			PKP	00 42 39.9 -0.7
231A	Bronte 115.42 57 P	PKPpdf	PKPpdf	00 42 28.4 -0.4	Y35A	Marietta	117.66 54 P			PKPpdf	00 42 32.8 -0.2	comp=Z,1.7nm,0.6s,baz=27,slow=3.3,SNR=2.9	EKA	Kirbyville	121.98 57 P			PKP	00 43 10.9 -0.1
331A	San Angelo 115.45 57 P	PKPpdf	PKPpdf	00 42 28.9 0.0	M37A	Trindle Farm,	117.67 45 P			PKPpdf	00 42 32.7 -0.2	comp=Z,2.0nm,0.5s,baz=219,slow=2.8,SNR=6.5	SNF	Senefie	121.94 330			PKP	00 42 41.3 +0.6
033A	Hebron 115.56 47 P	PKPpdf	PKPpdf	00 42 28.5 -0.3	135A	Vickery Place,	117.69 55 P			PKPpdf	00 42 32.6 -0.6	baz=291	DOU	Dourbes	122.04 329			PKP	00 42 41.3 +0.4
531A	Rocksprings 115.56 59 P	PKPpdf	PKPpdf	00 42 29.1 -0.1	T36A	Goggs Farm, Ca	117.72 50 P			PKPpdf	00 42 33.2 +0.1	baz=286	OLIL	Olney	122.91 46			PKP	00 42 43.2 +0.2
631A	Perrido Creek 115.67 59 P	PKPpdf	PKPpdf	00 42 29.2 -0.2	GECZ	GERESS Array S 117.72 324 ePKP				PKPpdf	00 42 32.3 -0.6	baz=286	SFIN	Lafayette	122.92 44			PKP	00 42 42.7 -0.3
Q33A	Connely Farm,	PKPpdf	PKPpdf	00 42 28.9 -0.2	GERES	GERESS Array B 117.72 324 ePKP				PKPpdf	00 42 32.3 -0.6	comp=Z,4.4nm,0.6s,baz=236,slow=5.7,SNR=6.2	BLO	Bloomington	123.84 45			ePKP	00 42 44.8 0.0
F35A	Swanville 115.70 40 P	PKPpdf	PKPpdf	00 42 28.9 0.0	GERES	GERESS Array C 117.72 324 ePKP				PKPpdf	00 42 32.3 -0.6	comp=Z,2.3nm,0.5s,baz=98,slow=1.7,SNR=35	SCHO	Schefferville	124.32 20			PKP	00 42 44.0 -1.3
X32A	Elmer 115.73 54 P	PKPpdf	PKPpdf	00 42 29.2 -0.2	GERES	GERESS Array D 117.72 324 ePKP				PKPpdf	00 42 32.3 -0.6	comp=Z,2.3nm,0.5s,baz=98,slow=1.7,SNR=35	SADO	Sadova	125.75 35			PKP	00 42 47.4 -0.9
R33A	Olander Ranch,	PKPpdf	PKPpdf	00 42 28.8 -0.5	GERES	GERESS Array E 117.72 324 ePKP				PKPpdf	00 42 32.3 -0.6	comp=Z,2.3nm,0.5s,baz=98,slow=1.7,SNR=35	ACSO	Alex Creek Sta	125.87 42			ePKP	00 42 47.7 -0.8
K34A	Le Mars 115.81 44 P	PKPpdf	PKPpdf	00 42 28.5 -0.8	GERES	GERESS Array F 117.72 324 ePKP				PKPpdf	00 42 32.3 -0.6	comp=Z,2.3nm,0.5s,baz=98,slow=1.7,SNR=35	PLCA	Paso Flores	126.14 149			PKP	00 42 49.4 +0.1
Z32A	Haskell 115.82 55 P	PKPpdf	PKPpdf	00 42 29.0 -0.6	GERES	GERESS Array G 117.72 324 ePKP				PKPpdf	00 42 32.3 -0.6	comp=Z,2.3nm,0.5s,baz=98,slow=1.7,SNR=35	PLCA	Paso Flores	126.14 149			PKP	00 42 49.4 +0.1
ABTX	Abilene, Hawle 115.84 56 P	PKPpdf	PKPpdf	00 42 29.0 -0.3	GERES	GERESS Array H 117.72 324 ePKP				PKPpdf	00 42 32.3 -0.6	comp=Z,2.3nm,0.5s,baz=98,slow=1.7,SNR=35	PLCA	Paso Flores	126.14 149			PKP	00 42 49.4 +0.1
M34A	Aspy Farms, Fr 115.85 46 P	PKPpdf	PKPpdf	00 42 28.9 -0.4	GERES	GERESS Array I 117.72 324 ePKP				PKPpdf	00 42 32.3 -0.6	comp=Z,2.3nm,0.5s,baz=98,slow=1.7,SNR=35	PLCA	Paso Flores	126.14 149			PKP	00 42 49.4 +0.1
T33A	Patterson Ranc 115.90 51 P	PKPpdf	PKPpdf	00 42 29.6 0.0	GERES	GERESS Array J 117.72 324 ePKP				PKPpdf	00 42 32.3 -0.6	comp=Z,2.3nm,0.5s,baz=98,slow=1.7,SNR=35	PLCA	Paso Flores	126.14 149			PKP	00 42 49.4 +0.1
H35A	Sunnyside Ranc 115.96 42 P	PKPpdf	PKPpdf	00 42 29.3 -0.2	GERES	GERESS Array K 117.72 324 ePKP													

Table with columns: Station, Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like SJG, HUMP, STVI, etc.

NIED 06 00:26:0.32,00N,142.10E,h5km,Mw4.2 Best double couple: M2 14000.1015 N1P1.35,0520000.0, 839.00000.0, 1-80.00000.0, NP2.164.00000.0, h52.00000.0, 1-98.00000.0

ICC 06 00:26:39.0,0.7,31.53N,142.26E,h0km,mb4.5/27, mb1 4.5/33,mb1mx4.4/71,mbtmp4.4/33,ML4.2/5,MS3.4/3, Ms1 3.4/3,ms1mx2.9/51,Error ellipse: s-maj=17.9km s-min=16.4km az=7.0

ISCJB 06 00:26:40.5,0.4,31.61N,0.04,142.18E,0.06,h10km, mb4.4/32,MS3.2/1,Error ellipse: s-maj=8.2km s-min=4.4km az=142.3

NEIC 06 00:26:41.4,0.2,31.53N,142.28E,h10km,mb4.7/4,Error ellipse: s-maj=7.3km s-min=6.4km az=49.0

JMA 06 00:26:44.0,0.2,31.96N,142.12E,h0km,M4.4

ISC 06 00:26:41.4,0.5,31.57N,0.05,142.24E,0.08,h10km,n68, r144/78,mb4.5/32,4C-3D,Southeast of Honshu

Main station list table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like JHCJ, JHJ2, JHJ3, etc.

Table with columns: Station, Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like VRI, PLO, MLR, etc.

ICC 06 00:38:57.0,2.3,50.07N,173.34W,h0km,mb3.4/7, mb1 3.7/7,mb1mx3.4/59,mbtmp3.5/7,MS3.7/2,Ms1 3.7/2, ms1mx2.9/40,Error ellipse: s-maj=27.4km s-min=8.0

ISCJB 06 00:39:00.7,0.8,50.45N,0.07,173.16W,0.06,h33km, mb3.5/6,MS3.7/2,Error ellipse: s-maj=9.7km s-min=5.1km az=2.3

NEIC 06 00:39:01.9,50.47N,173.29W,h18km,ML3.3(AEIC),After AEIC

ISC 06 00:39:03.5,1.1,50.50N,0.1,173.23W,0.05,h35km,n30, r132/29,mb3.6/6,Andreanof Islands

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like ATKA, ATKA, KOF, etc.

ISCJB 06 00:43:39.2,1.0,26.7N,0.1,144.1E,0.1,h10km,mb3.6/6, Error ellipse: s-maj=21.0km s-min=12.7km az=13.1

ICC 06 00:43:39.5,1.2,26.64N,143.99E,h0km,mb3.6/6, mb1 3.8/7,mb1mx3.5/58,mbtmp3.6/7,ML3.6/1,Error ellipse: s-maj=30.2km s-min=21.8km az=35.0

ISC 06 00:43:41.1,1.1,26.66N,0.2,143.92E,0.1,h10km,n8, r0561/9,mb3.6/6,Bonin Islands region

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like JCJ, JCJ, MJAR, etc.

DSN 06 00:45:07.5,0.0,27.72N,56.76E,h15km,mb2.7/6,ML3.6/2, Error ellipse: s-maj=10.7km s-min=3.4km az=283.0

ISCJB 06 00:45:09.2,0.7,27.65N,0.03,56.80E,0.07,h30km,6km, Error ellipse: s-maj=9.8km s-min=5.6km az=5.3

TEH 06 00:45:09.7,27.62N,56.77E,h29km,ML3.1

CSEM 06 00:45:09.4,0.4,27.69N,56.77E,h24km,4km,ML3.1, Error ellipse: s-maj=9.3km s-min=6.1km az=89.0

ISC 06 00:45:09.5,1.0,27.82N,0.04,56.76E,0.05,h22km,gkm, n47,r108/44,7C-3D,Southern Iran

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like NIAN, NIAN, GENO, etc.

Table with columns: Station, Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like CHBR, CHBR, IPAR, etc.

ISCJB 06 00:51:17.7,0.8,32.50N,0.04,6.46W,0.05,h10km,7km, Error ellipse: s-maj=8.8km s-min=4.3km az=38.6

CSEM 06 00:51:18.1,0.3,32.38N,6.31W,h10km,MD2.9,Error ellipse: s-maj=10.0km s-min=5.6km az=125.0

MDD 06 00:51:18.6,0.4,32.37N,6.35W,h0km,mb3.5/3,Error ellipse: s-maj=8.1km s-min=2.9km az=129.0,PRXIMO

CNRM 06 00:51:19.0,32.29N,6.24W,h3km,MD2.9

INMG 06 00:51:20.5,1.2,32.59N,6.00W,h0km,ML2.3,Error ellipse: s-maj=9.6km s-min=7.9km az=138.0

ISC 06 00:51:17.8,0.9,32.38N,0.05,6.30W,0.05,h14km,2gkm, n35,r133/66,Morocco

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like TAZC, TAZC, KIB, etc.

6d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nicolau / Gran, Badajoz, etc.

ISC/JB 06:00:56:34.0,4.0,4.50:21N,0:04:18:57E:0:03,h0km, Error ellipse: s-maj=6.4km s-min=2.3km az=10.9

CSEM 06:00:56:35.5,0.3,50:25N:18:63E,h2km,ML2.7/6, Error ellipse: s-maj=8.7km s-min=3.3km az=11.0

PRU 06:00:56:36.3,50:23N:18:63E,h0km

ISC 06:00:56:35.7,0.8,50:19N:18:63E:0:02,h0km,n27, #671/49, Poland

Main table for Poland region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chorow, Ostrava-Krasne, etc.

ISC 06:01:02:58.2,1.1,24:63S:179:88E,h546km,77km,mb2.8/5, mb1 3.1/5, mb1mx2.9/32, mbtmp3.7/5, Error ellipse: s-maj=46.1km s-min=32.8km az=152.0

ISC 06:01:02:55.4,1.0,24:75S:104:180E:0:2,h517km,n11, #679/11,mb3.4/5,South of Fiji Islands

Main table for South of Fiji Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Stephens Creek, Alice Springs, etc.

DDA 06:01:19:32.0,40:04N:38:66E,h7km,Md2.6,Turkey

Table for Turkey region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Susehri, Kelkit, etc.

ISC 06:01:21:20.5,2.3,15:85S:176:39W,h333km,55km, mb3.2/4, mb1 3.4/5, mb1mx3.1/28, mbtmp3.9/5, Error ellipse: s-maj=147.7km s-min=25.1km az=141.0, Fiji Islands region

Main table for Fiji Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Afiamalu, Waramunga Arr, etc.

JMA 06:01:35:19.4,0.4,31:63N:142:42E,h50km,M3.7, Southeast of Honshu

Main table for Southeast of Honshu region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mitsune, Boso 1, etc.

2011 JAN

Table for 2011 JAN region with columns: CBU, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Odawara 2, Ryogami san, etc.

ISC 06:01:37:17.8,2.2,7:40S:127:30E,h0km,mb3.1/1, mb1 4.2/3, mb1mx3.6/26, mbtmp3.9/3, ML4.2/2, Error ellipse: s-maj=276.0km s-min=31.5km az=63.0, Banda Sea

Table for Banda Sea region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, ASAR, etc.

ISC/JB 06:01:37:53.7,0.6,37:03N:103:3:47E:0:06,h12km, Error ellipse: s-maj=7.1km s-min=4.6km az=168.9

CSEM 06:01:37:53.3,0.5,36:98N:3:74E,h2km,ML3.6, Error ellipse: s-maj=15.6km s-min=6.8km az=100.0

CRAAG 06:01:37:54.0,36:86N:3:60E,MI3.6

MDD 06:01:37:54.2,0.8,36:96N:3:64E,h0km,mb3.7/13, Error ellipse: s-maj=10.2km s-min=4.9km az=87.0, PRXIMO

ISC 06:01:37:53.6,1.0,36:96N:0:04:3:50E:0:05,h12km,n51, #123/61, Northern Algeria

Main table for Northern Algeria region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Boumerdes, Algier-Bouzare, etc.

ISC 06:01:43:12.1,0.7,20:48S:0:03:70:25W:0:09,h532km,6km, mb4.0/10,MS3.5/5, Error ellipse: s-maj=13.7km s-min=4.8km az=17.4

GUC 06:01:43:12.0,0.5,20:49S:70:20W:h69km,ML4.2

ISC 06:01:43:15.7,2.0,20:50S:70:09W:h69km,19km,mb3.6/11, mb1 3.9/14, mb1mx3.7/30, mbtmp4.0/14, MS3.4/8, Ms1 3.4/8, mb1mx3.2/26, Error ellipse: s-maj=23.2km s-min=12.6km az=87.0

ISC 06:01:43:12.9,1.3,20:45S:0:03:70:20W:0:11,h44km,n11km, n46, #145/43, mb4.1/10, MS3.8/5, 3C-4D, Near coast of northern Chile

Main table for Chile region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Humberstone, Pisagua, etc.

ISC/JB 06:01:43:12.1,0.7,20:48S:0:03:70:25W:0:09,h532km,6km, mb4.0/10,MS3.5/5, Error ellipse: s-maj=13.7km s-min=4.8km az=17.4

GUC 06:01:43:12.0,0.5,20:49S:70:20W:h69km,ML4.2

ISC 06:01:43:15.7,2.0,20:50S:70:09W:h69km,19km,mb3.6/11, mb1 3.9/14, mb1mx3.7/30, mbtmp4.0/14, MS3.4/8, Ms1 3.4/8, mb1mx3.2/26, Error ellipse: s-maj=23.2km s-min=12.6km az=87.0

ISC 06:01:43:12.9,1.3,20:45S:0:03:70:20W:0:11,h44km,n11km, n46, #145/43, mb4.1/10, MS3.8/5, 3C-4D, Near coast of northern Chile

Main table for Chile region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Humberstone, Pisagua, etc.

Table for 2011 JAN region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IROC Station P, IROC Station P, etc.

ISC 06:01:50:57.2,3.6,17:09S:175:25W,h94km,29km,mb3.5/7, mb1 3.8/8, mb1mx3.6/26, mbtmp3.9/8, Error ellipse: s-maj=106.3km s-min=16.0km az=148.0

ISC 06:01:50:47.8,1.6,17:9S:104:174W:0:4,h35km,n13, #090/13,mb3.9/7,1C-1D,Tonga Islands

Main table for Tonga Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Afiamalu, Stephens Creek, etc.

ISC 06:01:50:57.2,3.6,17:09S:175:25W,h94km,29km,mb3.5/7, mb1 3.8/8, mb1mx3.6/26, mbtmp3.9/8, Error ellipse: s-maj=106.3km s-min=16.0km az=148.0

ISC 06:01:50:47.8,1.6,17:9S:104:174W:0:4,h35km,n13, #090/13,mb3.9/7,1C-1D,Tonga Islands

Main table for Tonga Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Afiamalu, Stephens Creek, etc.

FUNV 06:01:54:39.8,6:77N:73:04W,h181km,MW2.9

RSNC 06:01:54:42.1,1.0,6:80N:73:17W,h143km,ML2.6

ISC 06:01:54:38.1,5.6,8:22N:0:04:174W:0:05,h168km,10km, n19, #151/31, Northern Colombia

Main table for Northern Colombia region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Barichara, Ruscia, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like AB31 Akbulak array, ABKAR Akbulak array, AKTO Aktyubinsk, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LPAZ comp=Z,1.1nm,0.6s, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like REDW HLID Hailey, REDW LOHW Long Hollow, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. The table is organized into two main sections: '6d 3h' on the left and '2011 JAN' on the right. Each row represents a specific radio frequency allocation or station information.

Table with columns: BILL, BILL, comp, Z, 1, 7s, pmax, pmax, 03 33 38.0, etc. Lists various astronomical observations with station names like BILBINO, FFC, KURK, etc.

Table with columns: TPNV, Topopah Spring, 61.64 301, 62.62 59, etc. Lists observations from stations like LZH, LZH, LZH, etc. Includes data for stations like DBIC, TXAR, KSR, etc.

Table with columns: ISC 06:03:44:53.2, 16.7N, 071:98.58W, etc. Lists observations from stations like TLIG, MEIG, CAIG, etc. Includes data for stations like GRMC, OCAC, BARC, etc.

MEX 06:03:44:54.0, 16.76N, 98.61W, h11km, 1.1km, MD3.9, etc. Includes error ellipse and s-min data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KONYA-Eregli, SANLIURFA_SURC, MERSIN, NEVSEHIR-Avano, etc.

2011 JAN

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

6d 6h

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

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Urcuqui, Lita, LITE.

IDC 06 07:54:57.14.1, 14.99N:147.08E, h0km, mb3.6/8, mb1 3.9/9, mb1mx3.7/4.1, MB3.6/7.1, ML3.6/1, MS3.3/2, Ms1 3.4/2, ms1mx2.6/4.2, Error ellipse: s-maj=31.8km s-min=19.2km az=114.0

ISCJB 06 07:55:00.50.0.9, 15.0N:0.1x147.1E:0.1, h102km, mb3.6/8, MS4.2/1, Error ellipse: s-maj=23.4km s-min=13.2km az=42.4

ISC 06 07:55:02.8.1.1, 14.9N:0.2x146.9E:0.2, h32km, n10, r159/10, mb3.6/8, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Guam, Warramunga Arr, ASAR, CMAR, Songino Array, ZALV, MKAR, ILAR, YKA, TXAR.

NEIC 06 07:59:54.1, 43.58S:172.32E, h9km, ML3.9(WEL), After WEL

NEIC Fall in Canterbury. WEL 06 07:59:54.1, 0.1, 43.55S:172.30E, h8km, 1km, ML3.8/2.2, 3C-2D, Error ellipse: s-maj=0.8km s-min=0.8km az=0.0, South Island

Large table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Canterbury Las, McQueen's Vall, Waitaha Valley, Kahutara, Tophouse, Denniston Nort, Fox Glacier, Otahua Downs, Otahua Downs Blackbirch Sta, Tuamarina, Nelson, Wanaika, Earnsclough, Tuapeka, Cannon Point, Scrubby Hill, Mangatainaka R, Wregera.

ISCJB 06 08:19:35.5.0.7, 27.56N:0.05x143.35E:0.07, h10km, mb4.0/9, Error ellipse: s-maj=9.6km s-min=5.3km az=34.0

IDC 06 08:19:35.5.1.3, 27.32N:143.33E, h0km, mb3.8/5, mb1 3.9/6, mb1mx3.5/5.2, mbtmp3.7/6, ML3.5/1, Error ellipse: s-maj=25.8km s-min=21.3km az=61.0

NEIC 06 08:19:37.2.0.9, 27.40N:143.21E, h10km, mb4.4/4, Error ellipse: s-maj=22.7km s-min=11.8km az=84.0

JMA 06 08:19:40.3.0.4, 27.52N:143.09E, h8km, M3.3

ISC 06 08:19:37.0.1, 27.43N:0.08x143.28E:0.10, h10km, n18, r15/23, mb4.0/9, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Chichi jima, Haha-jima-NKT, JHHJ, JRY, MJAR, Matushiro Arr, MAJO.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like MAJO, KSM, COEN, WREN, WARRAMUNGA ARR, MKAR, ASAR, KURK, KURBB, ABKAR, FINES, QLMT.

MEX 06 08:23:59.3.0.4, 13.59N:92.39W, h15km, 163km, MD3.5, Off coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like PCIG, PCIG, CCIG, CCIG.

IDC 06 08:27:20.2.1.3, 16.11S:172.17W, h0km, mb4.1/6, mb1 4.3/6, mb1mx4.0/29, mbtmp4.1/6, ML3.2/1, MS3.4/1, Ms1 3.4/1, ms1mx2.8/2.5, Error ellipse: s-maj=51.3km s-min=17.8km az=120.0

ISCJB 06 08:27:21.2.1.1, 16.1S:0.1x172.3W:0.3, h10km, mb4.1/7, MS3.4/1, Error ellipse: s-maj=39.0km s-min=8.9km az=25.4

NEIC 06 08:27:22.4.0.9, 16.04S:172.28W, h10km, mb4.4/1, Error ellipse: s-maj=36.6km s-min=12.1km az=121.0

ISC 06 08:27:22.0.1.2, 16.0S:0.1x172.3W:0.3, h10km, n11, r15/18/14, mb4.3/7, Samoa Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like AFI, AFI, URZ, URZ, STKA, WRAB, WRA, WRA, ASAR, ASAR, ILAR, YKA, BRTR.

IDC 06 08:32:27.5.9.5, 4.36S:153.58E, h116km, 65km, mb3.4/2, mb1 3.8/3, mb1mx3.3/2.3, mbtmp4.0/3, MS2.6/1, Ms1 2.6/1, ms1mx2.4/1.7, Error ellipse: s-maj=130.0km s-min=55.8km az=120.0, New Ireland region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like PMG, PMG, PMG, WRA, ASAR, TORO.

JMA 06 08:47:28.6.0.1, 22.56N:120.66E, h26km

TAP 06 08:47:29.7.2.68N:120.67E, h21km, ML3.7/B

ISCJB 06 08:47:31.1.0.3, 22.65N:0.02x120.71E:0.02, h24km, 2km, Error ellipse: s-maj=3.3km s-min=2.5km az=156.6

ISC 06 08:47:30.3.0.8, 22.67N:0.02x120.68E:0.02, h17km, 55km, n53, r06/92, 7C-6D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like SSD, SSD, SGLT, SGLT, ECL, TWM1, TWM1, EAST, EAST, KAU, KAU, TAW, TAW, TWG, TWG, SGST, SGST, TTN, TTN, TWP, TWP, STYT, STYT, STYT, STYT, CHN3, CHN3, CHN1, CHN1, TAIH.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like TAI1, WTP, WTP, ELDTW, TWK, TWK, HEN, HEN, SCLT, SCLT, TWK1, TWK1, CHKT, CHKT, CHKT, TSEB, TSEB, CHN8, CHN8, CHN8, ALS, ALS, YUS, YUS, YUS, CHY, CHY, CHN2, CHN2, TWF1, TWF1, CHN5, CHN5, EHY, EHY, WSF, WSF, WDG, WDG, WDT, WDT, WDT, WDT, WNT, WNT, SMLT, SMLT, TYC, TYC, ESL, ESL, PNG, PNG, TWD, TWD, TWT, TWT, TWT, TWT, NSY, NSY, NNS, NNS, NSK, NSK, ENTT, ENTT, TWC, TWC, TWE, TWE, HATJ, HATJ, IRIF, IRIF, JIJ, JIJ, JIJ, JISG, JISG.

IDC 06 09:08:09.0.1.1, 14.01N:51.62E, h0km, mb3.6/7, mb1 3.8/8, mb1mx3.5/5.4, mbtmp3.7/8, ML4.3/1, MS3.4/1.0, Ms1 3.3/1.0, ms1mx3.0/4.6, Error ellipse: s-maj=37.0km s-min=22.8km az=162.0

ISCJB 06 09:08:10.4.0.7, 14.1N:0.2x51.49E:0.05, h21km, mb3.7/7, MS3.4/8, Error ellipse: s-maj=22.9km s-min=6.3km az=174.2

DHMR 06 09:08:15.5.0.3, 14.15N:51.11E, h13km, 69km, ML4.7

ISC 06 09:08:12.3.1.0, 14.2N:0.2x51.50E:0.08, h21km, n20, r15/107/14, mb3.8/7, MS3.8/8, 1C-2D, Eastern Gulf of Aden

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like MUKL, MUKL, MUKL, BDHA, BDHA, LBOS, LBOS, ATD, ATD, WSAR, WSAR, MMAI, MMAI, GEYT, GEYT, BRTR, BRTR, KBZ, KBZ, KVAR, KVAR, KURBB, KURBB, CMAR, CMAR, ZALV, ZALV, TORD, TORD.

Table with columns: BOSA, FINES, JCJ, WRA, ASAR. Includes station names, coordinates, and times.

Table with columns: STKA, AKTO, GEYT, YKA, ARCES, FINES, KBZ, NVAR, AKASO, AKASG, HFS, HFS, NB2, NOA, PDAR, BRTR, BRTR, RAYN, GAYN, TXAR, TORD, LPAZ. Includes station names, coordinates, and times.

Table with columns: BIDA, BIDA, BHL, BHL, DQRL, DQRL, BRBR, BRBR, BRBR, ARNB, ARNB, ARNB, ARNB, ZALF, ZALF, ZALF, ZALF, SALA, SALA, SALA, SALA. Includes station names, coordinates, and times.

IDC 06 09:09:41.1,3.8,2.08N:128:65E,h140km,42km,mb3.6/9, mb1 3.6/10, mb1mx3.4/53, mbtmp4.0/10, Error ellipse: s-maj=95.1km s-min=14.7km az=70.0, Halmahera

IDC 06 09:19:54.2,3.2,54:61N:86:63E,h0km,mb1 3.1/2, mb1mx3.0/50, mbtmp3.1/2, ML2.7/2, Error ellipse: s-maj=24.9km s-min=15.9km az=52.0, Southeastern Siberia

IDC 06 09:44:16.0,1.3,13:07N:143:37E,h205km,15km,mb3.1/7, mb1 3.3/7, mb1mx3.1/35, mbtmp3.6/7, Error ellipse: s-maj=37.8km s-min=13.9km az=107.0, South of Mariana Islands

NIED 06 09:12:00.31,40N:141:70E,h5km,Mw4.4 Best double couple: M0003:77000x1015 NP1:193.00000, 813.00000, 7.111.00000, NP2:352.00000, 878.00000, 1.85.00000

IDC 06 09:32:04.0,4.3,49:45S:125:03E,h0km,mb3.8/3, mb1 4.1/3, mb1mx3.7/32, mbtmp3.8/3, MS3.2/2, Ms1 3.2/2, ms1mx2.8/24, Error ellipse: s-maj=244.8km s-min=27.2km az=92.0, Western Indian-Antarctic Ridge

IDC 06 09:59:00.4,1.2,6:87S:155:33E,h0km,mb3.9/6, mb1 4.0/7, mb1mx3.7/41, mbtmp3.9/7, ML4.5/1, MS3.3/3, Ms1 3.3/3, ms1mx2.8/35, Error ellipse: s-maj=34.1km s-min=28.6km az=119.0, Bougainville-Solomon Islands

ISCJB 06 09:12:24.7,0.3,30:78N:0:03,141:41E:0:08,h37km, mb4.3/31, MS3.5/6, Error ellipse: s-maj=10.5km s-min=3.6km az=163.1

IDC 06 09:32:55.5,1.5,1:18N:127:57E,h0km,mb3.6/4, mb1 3.8/4, mb1mx3.5/42, mbtmp3.7/4, MS3.0/1, Ms1 3.0/1, ms1mx3.3/46, Error ellipse: s-maj=144.0km s-min=21.1km az=70.0, DJA 06 09:32:57.0,0.8,1:14N:12:17E:1:2,h10km,M3.7/4, MLV3.7/4

ISC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

NEIC 06 09:12:24.1,2.3,30:79N:141:53E,h18km,14km,mb4.8/4, Error ellipse: s-maj=8.5km s-min=5.7km az=78.0

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISCJB 06 09:59:58.7,0.5,64:61N:0:02,30:39E:0:08,h0km, Error ellipse: s-maj=5.1km s-min=2.9km az=13.8

JMA 06 09:12:27.3,0.5,31:38N:141:69E,h0km,M4.3

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

IDC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

IDC 06 09:32:56.3,1.0,1:17N:0:06,127:6E:0:2,h10km,n9, 0:871/10, mb3.8/4, Halmahera

ISC 06 10:00:03.6,4:17N:30:66E,h0km,ML2.2(NAO), BER 06 10:00:03.6:3.7,64:67N:30:63E,h0km,ML2.2(NAO), Suspected explosion

ISC 06 09:12:26.6,0.5,30:79N:0:05,141:50E:0:09,h37km,n64, 0:128/73, mb4.4/31, MS3.4/6, Southeast of Honshu

6d 11h

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like APA0, AP01, AP02, etc.

IDC 06 10:01:35.1±1.3, 15.26N, 144.94E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.4/55, mbtmp3.4/4, MS3.2/3, Ms1 3.5/23, ms1mx3.4/35, Error ellipse: s-maj=61.1km s-min=18.3km az=91.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, ISC, Time, Res, h, m, s, ISC. Includes stations like GUMO, GUM0, GUM0, etc.

2011 JAN

MEX 06 10:14:34.6±0.7, 14.15N-91.34W, h80km, 24km, MD3.6, Guatemala

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

IDC 06 10:15:59.5±3.5, 10.58N, 124.97E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/28, mbtmp3.3/3, 2D, Error ellipse: s-maj=306.5km s-min=28.5km az=64.0, Leyte

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

DJA 06 10:22:59.6±0.6, 7.57S, 111.6E, h582km, 9km, M3.9/18, mb4.4/5, mb4.8/4, ML6.7/18, M(m)B4.1/4, ISCBJ 06 10:23:00.3±0.4, 6.71S, 107.116E, 23E, 0.06, h550km, mb3.6/8, Error ellipse: s-maj=9.6km s-min=7.3km az=171.4

IDC 06 10:23:01.6±1.8, 6.59S, 116.34E, h578km, 17km, mb3.1/8, mb1 3.2/10, mb1mx2.9/42, mbtmp4.0/10, Error ellipse: s-maj=46.2km s-min=8.5km az=54.0

ISC 06 10:23:59.0±0.6, 6.76S, 108.116E, 14E, 0.08, h550km, n35, s=197/43, mb3.7/8, Bali Sea

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

IDC 06 10:25:34.7±2.9, 54.48N, 86.26E, h0km, mb1 2.8/2, mb1mx2.7/8, mbtmp2.8/2, ML2.6/2, 1C-4D, Error ellipse: s-maj=22.0km s-min=12.7km az=52.0, Southwestern Siberia

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

IDC 06 10:32:05.9±1.6, 5.78S, 103.57E, h0km, mb3.8/11, mb1 3.9/11, mb1mx3.7/26, mbtmp3.8/11, Error ellipse: s-maj=59.8km s-min=17.4km az=55.0

DJA 06 10:32:15.0±0.8, 6.53S, 107.4E, h23km, 6km, M4.2/10, mb4.2/21, MLV4.2/10

ISC 06 10:32:11.6±0.9, 5.88S, 106.103S, 0.10, h38km, n26, s=185/26, mb3.9/11, Southern Sumatra

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

276

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

ISCJZ 06 10:32:42.9±0.8, 36.91N, 105.28E, 0.03, h0km, Error ellipse: s-maj=7.7km s-min=3.9km az=7.7

CSEM 06 10:32:43.0±3.0, 36.92N, 28.00E, h1km, MD2.7, Error ellipse: s-maj=7.5km s-min=4.0km az=12.0, Suspected Mining explosion.

ISK 06 10:32:43.2, 36.96N, 27.97E, h15km, MD2.7, DDA 06 10:32:44.2, 37.08N, 27.95E, h7km, MD2.6, Suspected Mining explosion.

ISC 06 10:32:43.1±1.2, 36.89N, 105.28E, 0.02, h0km, n14, s=071/24, Dodecanese Islands

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

IDC 06 11:04:08.3±6.2, 18.29N, 69.16W, h97km, 34km, mb3.1/3, mb1 3.3/4, mb1mx3.0/41, mbtmp3.5/4, Error ellipse: s-maj=118.6km s-min=31.2km az=21.0, Dominican Republic region

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

ISCJZ 06 11:04:41.0±0.2, 6.83N, 0.03, 73.03W, 0.03, h161km, 2km, mb4.4/77, Error ellipse: s-maj=5.7km s-min=3.6km az=41.4

FUNV 06 11:04:40.5, 6.70N, 73.19W, h166km, MW4.2, IDC 06 11:04:42.0±0.5, 6.78N, 72.95W, h164km, 5km, mb3.7/14, mb1 4.0/19, mb1mx3.7/42, mbtmp4.3/19, Error ellipse: s-maj=13.0km s-min=7.0km az=130.0

RSNC 06 11:04:43.0±0.9, 6.81N, 73.13W, h148km, 6km, ML4.5, NEIC 06 11:04:45.0±3.0, 6.94N, 72.96W, h179km, 7km, mb4.5/68, Error ellipse: s-maj=10.6km s-min=6.5km az=221.0

ISC 06 11:04:42.1±0.5, 6.81N, 0.04, 73.05W, 0.04, h159km, 5km, n498, s=086/520, mb4.5/78, Northern Colombia

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

PRAC Prado	3.58 211	eP	Pn	11 05 36.5 -0.8	V38A Canehill	34.92 329	P	P	11 11 18.7 +0.1	baz=138	U32A Winter Ranch,	37.80 325	P	P	11 11 43.0 -0.1	
PRAC Villa del Rosa	3.72 10	eS	Sn	11 06 19.4 -0.8	baz=141,SNR=15	34.93 318	P	P	11 11 19.3 +0.5	baz=135	P37A Lathrop	37.84 333	P	P	11 11 43.4 +0.1	
VRV Quebrada Arrib	4.20 36	eS	Sn	11 06 20.9 -2.4	baz=129,SNR=6.1	35.00 325	P	P	11 11 19.7 +0.4	baz=137	Q36A Arnold C. Orve	37.86 331	P	P	11 11 43.4 -0.1	
QARV Samar	4.28 52	eP	Sn	11 05 45.0 -0.1	baz=137	35.02 332	P	P	11 11 20.1 +0.6	baz=142	V31A Spring Creek L	37.87 323	P	P	11 11 44.2 +0.5	
SNV Curarigua	4.41 44	eP	Pn	11 05 47.0 -0.9	baz=145,SNR=5.6	35.05 351	P	P	11 11 21.4 +1.8	baz=133	O38A Gal	37.88 334	P	P	11 11 44.2 +0.5	
DABV Dabajuro	4.73 30	eP	Pn	11 05 51.0 -1.1	Oil Creek Stat	35.07 322	P	P	11 11 20.9 +1.0	baz=146,SNR=7.0	Q35A Mercer Eighty,	38.06 330	P	P	11 11 44.9 -0.3	
SIQV Siquisique	4.98 40	eP	Pn	11 05 54.5 -0.9	Z344 Collier Ranch,	35.07 322	P	P	11 11 21.5 +0.2	baz=144	N39A Derby Farms, D	38.11 336	P	P	11 11 45.9 +0.4	
BAUV El Baul	5.39 67	eP	Pn	11 05 59.4 -1.4	Sonora	35.09 316	P	P	11 11 20.4 +0.2	baz=148	O37A Wolfen Farm, M	38.22 334	P	P	11 11 47.2 +0.7	
WAPV Macapo	5.44 56	eP	Pn	11 06 00.5 -1.1	baz=127	35.18 320	P	P	11 11 21.6 +0.7	baz=145	R34A Isabella, Hill	38.24 329	P	P	11 11 46.8 +0.1	
MONV Montecano	5.94 30	eP	Pn	11 06 07.7 -0.5	133A Hamilton Ranch	35.18 320	P	P	11 11 21.4 +0.4	baz=148	P36A Good Intent, A	38.26 332	P	P	11 11 46.9 +0.1	
MERV Las Mercedes	7.11 70	eP	Pn	11 06 22.3 -1.3	baz=131,SNR=5.2	232A Coleman	35.18 319	P	P	11 11 22.3 +0.4	baz=143	N38A Joes South For	38.34 335	P	P	11 11 47.9 +0.4
BCIP Isla Barro Col	7.12 290	ePn	Pn	11 06 21.5 -2.2	Coleman	35.23 324	P	P	11 11 22.1 +0.2	baz=140	V30A Spur Ranch, Mi	38.37 323	P	P	11 11 48.9 +1.0	
STH Stony Hill	11.78 342	iP	Pn	11 07 28.3 +3.0	129,SNR=13	35.23 319	P	P	11 11 23.0 +0.7	baz=139	AMTX Amarillo	38.40 321	P	P	11 11 49.3 +1.1	
STH Mount Denham	12.16 339	iS	Sn	11 09 23.6 -12	Hulber	35.28 315	P	P	11 11 22.4 +0.1	comp=Z,1.3nm,0.7s	AMTX Amarillo	38.40 321	eP	P	11 11 48.7 +0.5	
MTDU	12.27 287	ePn	Pn	11 07 32.9 +2.5	baz=140	35.34 317	P	P	11 11 22.0 -0.4	comp=Z,1.6nm,0.7s	KSU1 Kansas State U	38.53 330	eP	P	11 11 48.9 -0.2	
MTDJ	12.27 287	ePn	Pn	11 09 35.7 +6.9	San Angelo	35.34 317	P	P	11 11 25.5 +0.6	comp=Z,1.3nm,0.7s	KSU1 Kansas State U	38.53 330	eP	P	11 11 48.9 -0.2	
BBJ Bamboo Saint A	12.21 341	iP	Pn	11 07 34.1 -2.7	San Angelo	35.34 317	P	P	11 11 25.2 +0.8	comp=Z,1.6nm,0.7s	MSTX Muleshoe	38.53 319	P	P	11 11 49.4 +0.1	
JTS JuntasAbangare	12.27 287	P	Pn	11 07 32.8 +1.1	San Angelo	35.34 317	P	P	11 11 25.8 +0.8	comp=Z,9.3nm,0.8s	MSTX Muleshoe	38.53 319	eP	P	11 11 49.6 +0.2	
comp=Z,0.9nm,0.3s,baz=169,slow=2.4,SNR=10				11 07 35.5 -1.9	San Angelo	35.34 317	P	P	11 11 25.2 +0.2	baz=128,SNR=7.2	O36A Bolckow	38.56 333	P	P	11 11 49.2 -0.1	
JTS JuntasAbangare	12.44 338	iP	Pn	11 07 37.5 -1.8	San Angelo	35.34 317	P	P	11 11 25.3 +0.3	baz=143	Q34A Chapman	38.56 330	P	P	11 11 49.2 -0.2	
MBJ Montego Bay	12.44 338	iP	Pn	11 07 37.5 -1.8	San Angelo	35.34 317	P	P	11 11 25.0 -0.1	comp=Z,9.3nm,0.8s	P35A Duane Minner,	38.57 331	P	P	11 11 48.8 -0.7	
SJG San Juan	13.09 30	P	Pn	11 07 41.0 -1.1	San Angelo	35.34 317	P	P	11 11 25.0 -0.1	baz=142	R33A Olander Ranch,	38.63 328	P	P	11 11 50.4 +0.4	
comp=Z,1.1nm,0.3s,baz=212,slow=17,SNR=2.1				11 07 44.0 -1.1	San Angelo	35.34 317	P	P	11 11 25.1 0.0	baz=130	T31A Randall Ranch,	38.69 325	P	P	11 11 51.0 +0.5	
GTBY Guantanamo Bay	13.19 351	ePn	Pn	11 07 44.0 -1.1	San Angelo	35.34 317	P	P	11 11 26.3 +1.0	baz=136	S32A Newby Ranch, P	38.70 326	P	P	11 11 50.8 +0.2	
PTGA Pitinga	15.05 119	ePn	Pn	11 07 44.0 -1.1	San Angelo	35.34 317	P	P	11 11 26.3 +1.0	Lee Faris, Mou	N37A Lee Faris, Mou	38.73 334	P	P	11 11 50.7 0.0	
comp=Z,0.2nm,0.3s,baz=308,slow=19,SNR=2.8				11 08 05.9 -1.0	San Angelo	35.34 317	P	P	11 11 25.4 +0.1	baz=145,SNR=5.4	M38A Pleasantville	38.84 336	P	P	11 11 51.7 0.0	
PTGA Pitinga	15.05 119	ePn	Pn	11 08 11.5 +3.1	San Angelo	35.34 317	P	P	11 11 26.9 +0.5	baz=147,SNR=6.4	U30A WK&C Inc. Balk	38.86 324	P	P	11 11 52.6 +0.6	
comp=Z,5.8nm,0.8s				11 11 11.0 0.3 +1.3	San Angelo	35.34 317	P	P	11 11 27.0 +0.5	baz=135	S31A Mullinville	38.95 326	P	P	11 11 53.1 +0.4	
PTGA Pitinga	15.05 119	ePn	Pn	11 08 17.8 +2.1	San Angelo	35.34 317	P	P	11 11 27.3 +0.5	baz=142	P34A Walnut Farm, R	38.98 330	P	P	11 11 52.9 +0.1	
comp=Z,2.4nm,1.4s				11 08 47.0 +0.8	San Angelo	35.34 317	P	P	11 11 27.4 +0.2	comp=Z,2.4nm,0.6s	JFWS Jewell Farm	39.02 340	eP	P	11 11 53.6 +0.5	
CCIG Comitán	18.49 148	eP	P	11 09 14.1 +1.6	San Angelo	35.34 317	P	P	11 11 27.4 +0.2	baz=132,SNR=1.8	MNTX Cornudas Mount	39.03 314	P	P	11 11 54.1 +0.8	
LPAZ La Paz	23.46 168	P	Pn	11 09 38.2 +0.2	San Angelo	35.34 317	P	P	11 11 27.8 +0.6	comp=Z,9.3nm,0.8s	MNTX Cornudas Mount	39.03 314	eP	P	11 11 54.0 +0.6	
comp=Z,0.5nm,0.4s,baz=0.0,slow=8.1,SNR=2.8				11 10 10.4 +1.9	San Angelo	35.34 317	P	P	11 11 28.1 +0.1	baz=142	Q33A Connelly Farm,	39.07 329	P	P	11 11 53.9 +0.3	
LPAZ La Paz	23.46 168	P	Pn	11 10 10.4 +1.9	San Angelo	35.34 317	P	P	11 11 28.1 +0.1	baz=139	O35A Humboldt	39.10 332	P	P	11 11 53.4 -0.4	
comp=Z,8.3nm,0.7s,baz=341,slow=14,SNR=14				11 10 37.9 +1.5	San Angelo	35.34 317	P	P	11 11 28.5 +0.1	baz=142	N36A Muff Farm, Cla	39.10 333	P	P	11 11 54.3 +0.5	
VBMS Vicksburg	30.07 329	P	P	11 10 37.9 +1.5	San Angelo	35.34 317	P	P	11 11 29.8 +0.8	baz=144	M37A Trindle Farm,	39.19 335	P	P	11 11 54.8 +0.2	
comp=Z,2.29nm,0.8s				11 10 47.2 +1.6	San Angelo	35.34 317	P	P	11 11 29.8 +0.8	baz=146	SCIA State Center	39.26 336	eP	P	11 11 55.5 +0.3	
035A Encino	31.11 313	P	P	11 10 47.2 +1.6	San Angelo	35.34 317	P	P	11 11 29.7 +0.4	comp=Z,1.3nm,0.5s	L38A Oak Wood Farm,	39.31 331	P	P	11 11 56.0 +0.1	
340A Bronson	31.29 324	P	P	11 10 48.3 +1.2	San Angelo	35.34 317	P	P	11 11 29.7 +0.3	baz=141	O34A Beatrice	39.36 336	P	P	11 11 56.3 +0.5	
439A Center Grove,	31.36 322	P	P	11 10 49.4 +1.6	San Angelo	35.34 317	P	P	11 11 29.7 +0.1	baz=138	Q32A Meitler Ranch,	39.44 328	P	P	11 11 56.8 +0.1	
baz=135				11 10 50.7 +0.7	San Angelo	35.34 317	P	P	11 11 29.8 0.0	baz=143	N35A Tabor	39.45 333	P	P	11 11 56.6 -0.2	
034A Hebronville	31.60 313	P	P	11 10 50.7 +0.7	San Angelo	35.34 317	P	P	11 11 30.4 +0.1	baz=143	R31A Burdett	39.45 326	P	P	11 11 56.5 -0.3	
736A Circle Diamond	31.61 317	P	P	11 10 50.8 +0.9	San Angelo	35.34 317	P	P	11 11 30.4 +0.1	baz=136,SNR=5.2	M36A Felix,	39.55 334	P	P	11 11 57.2 -0.4	
339A Huntington	31.62 323	P	P	11 10 51.1 +1.1	San Angelo	35.34 317	P	P	11 11 31.0 +0.3	baz=145,SNR=6.9	L37A Phoenix Point,	39.66 336	P	P	11 11 58.5 0.0	
835A Beeville	31.71 315	P	P	11 10 52.0 +1.1	San Angelo	35.34 317	P	P	11 11 32.2 +0.7	baz=146	K38A Parkersburg	39.71 337	P	P	11 11 59.2 +0.4	
438A Sam Houston St	31.76 321	P	P	11 10 52.4 +1.1	San Angelo	35.34 317	P	P	11 11 31.9 +0.3	baz=148	O33A Hebron	39.76 330	P	P	11 11 59.1 -0.2	
934A Benavides	31.79 314	P	P	11 10 52.7 +1.1	San Angelo	35.34 317	P	P	11 11 32.5 +0.3	baz=140	N34A Lincoln	39.83 332	P	P	11 11 59.6 -0.3	
636A Smothers Creek	31.93 318	P	P	11 10 53.8 +1.0	San Angelo	35.34 317	P	P	11 11 32.0 -0.1	baz=142	R30A Dighton	39.86 326	P	P	11 12 00.1 -0.1	
NATX Nacogdoches	31.99 324	P	P	11 10 54.5 +1.2	San Angelo	35.34 317	P	P	11 11 33.0 +0.5	baz=135,SNR=5.1	S29A Ulysses	39.88 324	P	P	11 12 00.9 +0.5	
338A Crockett	32.09 322	P	P	11 10 55.3 +1.2	San Angelo	35.34 317	P	P	11 11 33.6 +0.8	baz=138	P32A Huiting Farm,	39.93 329	P	P	11 12 00.7 -0.1	
WVT Waverly	32.17 337	eP	P	11 10 55.9 +1.1	San Angelo	35.34 317	P	P	11 11 33.2 -0.1	baz=138	CBK5 Cedar Bluff	39.94 327	P	P	11 12 00.9 0.0	
933A Laredo	32.35 313	P	P	11 10 56.7 +0.2	San Angelo	35.34 317	P	P	11 11 32.3 0.0	baz=136	M35A Neola	39.96 333	P	P	11 12 00.9 0.0	
436A Wall Ranch, Ga	32.61 320	P	P	11 10 59.6 +0.9	San Angelo	35.34 317	P	P	11 11 32.3 +0.1	baz=143,SNR=12	L36A Harm Buss Farm	40.03 335	P	P	11 12 01.4 0.0	
535A Dale	32.63 318	P	P	11 10 59.6 +0.7	San Angelo	35.34 317	P	P	11 11 32.9 0.0	baz=145	K37A Belmont	40.16 336	P	P	11 12 02.6 +0.1	
237A Washetta, Mont	32.84 323	P	P	11 11 01.6 +0.9	San Angelo	35.34 317	P	P	11 11 32.7 -0.2	baz=149	J38A Wedel Dairy, R	40.18 338	P	P	11 12 02.3 -0.4	
138A Matatal Enter	32.89 324	P	P	11 11 02.3 +1.2	San Angelo	35.34 317	P	P	11 11 33.4 +0.2	baz=142	O31A Brockman Farm,	40.24 330	P	P	11 12 03.1 -0.2	
733A Divot King Ran	33.00 315	P	P	11 11 02.6 +0.4	San Angelo	35.34 317	P	P	11 11 34.2 +1.0	baz=137	S28A Manter	40.31 324	P	P	11 12 04.3 +0.3	
336A Riesel	33.05 321	P	P	11 11 03.4 +0.8	San Angelo	35.34 317	P	P	11 11 35.0 +0.5	baz=132,SNR=8.1	Q30A Quinter	40.32 327	P	P	11 12 04.1 +0.1	
435B Jarrell	33.13 319	P	P	11 11 04.1 +0.9	San Angelo	35.34 317	P	P	11 11 34.5 -0.3	baz=135	K36A Gilmore City	40.38 335	P	P	11 12 04.7 +0.3	
137A Heron Place, G	33.23 324	P	P	11 11 05.3 +1.2	San Angelo	35.34 317	P	P	11 11 36.8 +1.2	baz=146	M34A Asp Farms, Fr	40.39 332	P	P	11 12 04.4 -0.1	
534A Blanco	33.23 317	P	P	11 11 04.2 0.0	San Angelo	35.34 317	P	P	11 11 35.7 -0.2	baz=142	L35A Bielow Farm, R	40.41 334	P	P	11 12 04.7 +0.1	
832A Faith Ranch, C	33.24 313	P	P	11 11 04.2 0.0	San Angelo	35.34 317	P	P	11 11 36.3 0.0	baz=144,SNR=5.7	J37A Redenius Farm,	40.58 337	P	P	11 12 06.2 +0.2	
236A Katherine and	33.28 322	P	P	11 11 05.2 +0.7	San Angelo	35.34 317	P	P								

ANMO Albuquerque	41.57 317	P	P	11 12 15.7 +1.3
ANMO Albuquerque	41.57 317	eP	P	11 12 15.7 +1.3
P28A Saint Francis	41.59 326	P	P	11 12 14.9 +0.5
I35A Creekvie Farm	41.60 336	P	P	11 12 14.6 +0.2
K3CO Kaye Shedlock	41.69 325	P	P	11 12 15.8 +0.5
H36A Jessenden, He	41.80 338	P	P	11 12 16.4 +0.5
K32A Verdigre	41.94 332	P	P	11 12 16.8 -0.3
SPMN Marine on St.	41.94 339	P	P	11 12 18.5 +1.5
L31A Butterfield Fa	41.97 331	P	P	11 12 17.1 -0.4
O28A Krutinger Ran	41.98 327	P	P	11 12 17.9 +0.3
J33A Davis	42.00 334	P	P	11 12 17.3 -0.3
I34A Hadley	42.12 335	P	P	11 12 18.2 -0.3
ECSD EROS Data Cent	42.18 334	P	P	11 12 18.9 -0.2
ECSD EROS Data Cent	42.18 334	eP	P	11 12 18.8 -0.0
H35A Sunnyside Ranc	42.25 337	P	P	11 12 19.5 0.0
N28A Pribbeno Ranch	42.25 327	P	P	11 12 19.9 +0.2
K31A O'Neill	42.27 332	P	P	11 12 20.0 +0.1
J32A Parkston	42.44 333	P	P	11 12 21.2 +0.1
I33A Coleman	42.52 335	P	P	11 12 21.8 0.0
G35A Watkins	42.55 338	P	P	11 12 22.0 -0.1
H34A Spellman Lake,	42.60 336	P	P	11 12 22.1 -0.3
SDCO Great Sand Dun	42.60 321	P	P	11 12 24.3 +1.4
SDCO Great Sand Dun	42.60 321	eP	P	11 12 24.4 +1.6
K30A Basset	42.72 331	P	P	11 12 23.2 -0.3
F36A Milaca	42.74 339	P	P	11 12 23.6 +0.1
I32A Karley and Nic	42.79 334	P	P	11 12 24.0 0.0
H33A Prehn Over Nor	43.01 335	P	P	11 12 25.6 -0.1
F35A Swanville	43.12 338	P	P	11 12 26.5 -0.1
K29A Lazy Trails An	43.13 330	P	P	11 12 26.8 0.0
Q24A Divide	43.15 323	P	P	11 12 27.5 +0.2
H32A Carlson Farm,	43.16 334	P	P	11 12 26.6 -0.3
J30A Dallas	43.16 332	P	P	11 12 26.9 -0.1
E36A McGregor	43.22 340	P	P	11 12 27.6 +0.3
I31A Royce, Wessing	43.26 333	P	P	11 12 27.6 -0.2
G33A Ortonville	43.30 336	P	P	11 12 27.1 -0.9
TUC Tucson	43.31 311	P	P	11 12 29.4 +1.0
TUC Tucson	43.31 311	eP	P	11 12 28.5 +0.1
F34A Alexandria	43.33 337	P	P	11 12 28.1 -0.2
S22A 4UR Ranch, Cre	43.44 320	P	P	11 12 31.0 +1.4
S22A 4UR Ranch, Cre	43.44 320	eP	P	11 12 31.2 +1.6
D37A Cotton	43.49 341	P	P	11 12 29.5 -0.1
O30A Oacoma	43.58 332	P	P	11 12 30.0 -0.4
H31A Wolsey	43.59 334	P	P	11 12 30.3 -0.1
K28A Ten Mile Ranch	43.62 330	P	P	11 12 30.6 -0.1
J29A Okreek	43.62 331	P	P	11 12 30.3 -0.4
C38A Sawbill Land,	43.63 342	P	P	11 12 30.7 0.0
D36A Goodland	43.76 340	P	P	11 12 31.6 -0.1
F33A 1st Mile Ranch,	43.77 336	P	P	11 12 31.2 -0.6
SUSD Miller	43.77 333	P	P	11 12 31.9 0.0
G32A Webster	43.78 335	P	P	11 12 32.1 +0.1
EYMN Ely	43.84 342	P	P	11 12 32.8 0.0
C37A Embarrass	43.92 341	P	P	11 12 33.1 +0.2
W18A Petrified Fore	43.92 315	P	P	11 12 34.9 +1.5
W18A Petrified Fore	43.92 315	eP	P	11 12 35.3 +1.9
ISCO Idaho Springs	43.95 323	P	P	11 12 35.3 +1.5
ISCO Idaho Springs	43.95 323	eP	P	11 12 35.3 +1.5
D35A Remer	43.98 339	P	P	11 12 33.0 -0.4
G31A Conde	44.06 334	P	P	11 12 33.9 -0.2
I29A Vivian Onida	44.07 332	P	P	11 12 34.0 -0.2
J28A Allard Ranch,	44.07 330	P	P	11 12 34.0 -0.3
C36A Pine Crest Far	44.16 341	P	P	11 12 35.1 +0.3
E33A Westby DABS, E	44.21 337	P	P	11 12 34.8 -0.5
MVCO Mesa Verde	44.21 318	P	P	11 12 36.7 +1.0
MVCO Mesa Verde	44.21 318	eP	P	11 12 36.6 +0.8
J27A Elkhorn Farm,	44.33 330	P	P	11 12 36.8 +0.4
SMCO Snowmass	44.39 322	eP	P	11 12 38.5 +1.2
D34A Park Rapids	44.39 338	P	P	11 12 37.2 +0.5
G30A Faulkton	44.39 334	P	P	11 12 36.8 0.0
I28A Midland	44.47 331	P	P	11 12 37.1 -0.3
C35A Jirik Farms, M	44.48 340	P	P	11 12 37.2 -0.2
H29A Onida	44.49 332	P	P	11 12 37.2 -0.4
F31A Hecla	44.59 335	P	P	11 12 37.8 -0.5
D33A AnnSam, Waubun	44.68 338	P	P	11 12 39.1 +0.2
214A Organ Pipe Nat	44.69 309	P	P	11 12 40.5 +1.1
E32A Grattan, Kindr	44.70 336	P	P	11 12 38.9 -0.2
C34A RKJ Ranch, Bem	44.77 339	P	P	11 12 40.0 +0.3
PV01 Paradox Valley	44.78 319	eP	P	11 12 42.0 +1.8
N23A Red Feather La	44.85 324	P	P	11 12 42.0 +1.3
N23A Red Feather La	44.85 324	eP	P	11 12 42.3 +1.5
H28A Mission Ridge,	44.90 332	P	P	11 12 40.8 0.0
J26A Sides Ranch, S	44.92 329	P	P	11 12 41.5 +0.4
I27A Quinn	44.95 330	P	P	11 12 41.1 -0.2
B35A Bob, Littlefor	44.97 341	P	P	11 12 41.2 -0.1
E31A Nome	45.00 336	P	P	11 12 41.0 -0.5
PV05 Paradox Valley	45.09 319	eP	P	11 12 43.4 +0.7

G28A Parade	45.16 332	P	P	11 12 42.8 0.0
C33A Trail	45.17 338	P	P	11 12 42.9 0.0
WUAZ Wupatki	45.28 315	P	P	11 12 45.7 +1.6
WUAZ Wupatki	45.28 315	eP	P	11 12 45.5 +1.4
I26A New Underwood	45.32 330	P	P	11 12 44.4 +0.2
D31A McClaffin, Tow	45.33 336	P	P	11 12 43.9 -0.2
J25A Sunshine Ranch	45.35 328	P	P	11 12 44.7 +0.2
E30A Jud	45.37 335	P	P	11 12 44.6 +0.1
H27A Howes	45.38 331	P	P	11 12 44.3 -0.3
B34A Aery Baudette	45.39 340	P	P	11 12 44.9 +0.3
B33A Robert and Kas	45.44 339	P	P	11 12 45.6 -0.1
AGMN Agassiz Nation	45.66 339	P	P	11 12 46.8 +0.2
AGMN Agassiz Nation	45.66 339	eP	P	11 12 46.9 +0.2
F28A McLaughlin	45.69 333	P	P	11 12 47.0 0.0
H26A Fairpoint	45.70 330	P	P	11 12 46.9 -0.3
E29A Napoleon	45.74 334	P	P	11 12 47.5 +0.1
O20A White River Ci	45.75 322	P	P	11 12 49.2 +1.5
O20A White River Ci	45.75 322	eP	P	11 12 49.3 +1.5
I25A Rochford	45.76 329	P	P	11 12 48.3 +0.5
D30A Buchanan	45.79 336	P	P	11 12 47.7 -0.1
G27A Buchanan	45.86 332	P	P	11 12 48.4 +0.1
C31A Landman Farms,	45.94 337	P	P	11 12 48.9 0.0
RSSD Black Hills	45.98 329	P	P	11 12 50.7 +1.1
B32A Ashes, Strandg	45.98 338	P	P	11 12 49.3 0.0
A33A Warrad	46.03 340	P	P	11 12 49.9 +0.3
G26A Maurine	46.11 331	P	P	11 12 49.9 -0.4
H25A Fruitalde	46.12 330	P	P	11 12 50.2 -0.2
C30A Mose, Pekin	46.16 336	P	P	11 12 51.0 +0.4
E28A Huff	46.20 334	P	P	11 12 51.5 +0.5
F27A Lemmon	46.27 332	P	P	11 12 51.9 +0.3
K22A Casper	46.32 326	P	P	11 12 52.8 +0.6
A32A Rocking H Ranch	46.41 339	P	P	11 12 52.7 +0.2
B31A Greenburg Farm	46.42 337	P	P	11 12 52.7 0.0
G25A Newell	46.44 330	P	P	11 12 52.9 0.0
E27A Carson	46.48 333	P	P	11 12 53.6 +0.5
F26A Lodgepole	46.56 332	P	P	11 12 54.0 +0.2
SRU San Rafael Swe	46.59 319	eP	P	11 12 55.7 +1.3
GLA Glamis	46.69 310	P	P	11 12 55.8 +0.7
P18A Preston Nutter	46.70 320	eP	P	11 12 56.8 +1.4
B30A Myrvik Farm, E	46.70 337	P	P	11 12 55.3 +0.4
MDND Maddock	46.73 336	P	P	11 12 55.7 +0.6
Y12C Blythe	46.76 311	P	P	11 12 56.0 +0.5
E26A Carlson Angus	46.92 332	P	P	11 12 56.7 +0.1
P17A Butcher Ranch,	46.93 320	eP	P	11 12 58.4 +1.4
D27A Center	46.97 334	P	P	11 12 57.6 +0.6
A30A Hofart Farm,	47.09 337	P	P	11 12 58.3 +0.4
B29A Wagenman Farm,	47.12 336	P	P	11 12 58.3 +0.3
TMUT Trail Mountain	47.14 319	eP	P	11 13 00.0 +1.2
ULM Lac du Bonnet	47.32 340	P	P	11 12 59.2 -0.3
ULM Lac du Bonnet	47.32 340	eP	P	11 12 59.2 -0.3
D26A Manning	47.32 333	P	P	11 12 59.9 +0.2
E25A Miller Ranch,	47.38 332	P	P	11 13 00.3 +0.2
SWSC Sam W. Stewart	47.39 309	P	P	11 13 01.0 +0.5
IRM Iron Mountain	47.40 311	P	P	11 13 00.8 +0.3
BC3 Big Chuckwall	47.42 310	P	P	11 13 02.1 +1.3
C27A Saylor Ranch,	47.43 334	P	P	11 13 01.2 +0.7
A29A Matting Farm,	47.44 337	P	P	11 13 00.6 0.0
IBP Imperial Bould	47.51 309	P	P	11 13 02.2 +0.8
B28A Dugan Ranch, T	47.52 336	P	P	11 13 01.8 +0.6
CCUT Cedar City,	47.67 316	eP	P	11 13 04.3 +1.5
C26A Wahner Farm,	47.77 334	P	P	11 13 03.9 +0.7
O16A Springville	47.83 320	eP	P	11 12 58.0 -0.9
A28A Rude Farm, Bot	47.84 336	P	P	11 13 04.4 +0.7
MON2P Monument Peak	47.85 309	P	P	11 13 05.1 +0.9
BELC Belle Mtn. Jos	47.98 310	P	P	11 13 05.9 +0.8
JLU Jordanelle	48.01 320	eP	P	11 13 06.6 +1.2
GMRC Granite Mounta	48.05 311	P	P	11 13 06.5 +0.8
NLU North Lily Min	48.06 319	eP	P	11 13 06.8 +1.1
PDAR Pinedale Array	48.12 324	P	P	11 13 06.5 +0.3
PDAR Pinedale Array	48.12 324	eP	P	11 14 31.2 -0.1
BW06 Boulder Array	48.13 324	P	P	11 13 06.2 0.0
BW06 Boulder Array	48.13 324	eP	P	11 13 05.2 -1.0
SCHO Schefferville	48.14 5	P	P	11 13 05.9 -0.3
C25A Freed Ranch, B	48.27 333	P	P	11 13 07.1 +0.6
HEC Hector Ludlow	48.57 311	P	P	11 13 10.7 +1.1
B25A Knox Farm, Ray	48.58 333	P	P	11 13 09.9 +0.6
DUG Dugway Toele	48.66 319	eP	P	11 13 11.2 +1.0
DUG Dugway, Toele	48.66 319	eP	P	11 13 11.6 +1.3
BBRC Big Bear Solar	48.78 310	P	P	11 13 12.2 +0.8
SHOC Shoshone, Teco	48.99 313	P	P	11 13 13.2 +0.5
AHID Auburn Hatcher	49.04 323	eP	P	11 13 13.9 +0.8
A25A Gustavus Ranch	49.06 334	P	P	11 13 13.8 +0.8
GSC Goldstone, Bar	49.12 312	P	P	11 13 14.2 +0.5
BGU Big Grassy Mou	49.20 320	eP	P	11 13 15.0 +0.7

REDW Red Top Meadow	49.24 324	eP	P	11 13 15.7 +0.9
LOHW Long Hollow	49.25 324	eP	P	11 13 15.6 +0.8
MOOW Moosehorn	49.41 324	eP	P	11 13 16.3 +0.3
TPNV Topopah Spring	49.42 314	P	P	11 13 17.3 +1.1
TPNV Topopah Spring	49.42 314	eP	P	11 13 17.8 +1.7
HVU Hansel Valley	49.50 321	eP	P	11 13 17.6 +1.0
R11A Troy Canyon, C	49.60 316	P	P	11 13 18.2 +0.8
R11A Troy Canyon, C	49.60 316	eP	P	11 13 18.9 +1.4
FURC Furnace Creek,	49.66 313	P	P	11 13 18.5 +0.9
H17A Grant Village	49.70 325	P	P	11 13 18.8 +0.6
EDW2 Edwards Air Fo	49.84 311	P	P	11 13 19.7 +0.5
LRMC Laurel Mtn Rad	49.85 311	P	P	11 13 19.7 +0.4
MPMC Manual Prospec	49.94 312	P	P	11 13 20.6 +0.4
GRAC Grapevine Rang	50.25 313	P	P	11 13 23.5 +1.2
QLMT Earthquake Lak	50.45 325	eP	P	11 13 25.2 +1.4
ARVC Arvin	50.57 310	P	P	11 13 25.8 +1.2
VES Vestal, Richgr	51.04 311	P	P	11 13 29.5 +1.4
BOZ Bozeman (W)	51.06 326	P	P	11 13 28.7 +0.5
BOZ Bozeman (W)	51.06 326	eP	P	11 13 29.1 +0.9
PKM McPherson Peak	51.23 310	P	P	11 13 30.4 +0.6
MCMT McInzie Canyo	51.27 324	eP	P	11 13 31.6 +1.6
HLID Hailey	51.49 322	eP	P	11 13 32.5 +1.0
HLID Hailey	51.49 322	eP	P	11 13 32.5 +1.0
SMMC Simmer	51.52 310	P	P	11 13 32.7 +1.0
NV01 Mina Array Sit	51.54 315	eP	P	11 13 32.7 +0.7
NVAR Mina Array Bea	51.54 315	P	P	11 13 32.7 +0.7
NVAR Mina Array Bea	51.54 315	eP	P	11 14 44.7 +0.7
LRM Littlekin Ridge	51.62 326	eP	P	11 13 33.5 +1.0
BMN Battle Mountai	51.70 317	eP	P	11 13 33.7 +0.6
HRY Holter Researc	51.82 327	eP	P	11 13 34.8 +1.0
MFID Camas Rang	52.28 321	eP	P	11 13 38.0 +0.7
WVOR Wild Horse Val	53.58 319	eP	P	11 13 47.8 +0.9
JTMT Jette	53.77 327	eP	P	11 13 48.7 +0.5
ORV Oroville	54.27 315	eP	P	11 13 52.8 +1.0
F10A Beach Ranch, E	54.47 323	eP	P	11 13 53.3 +0.1
O03D Paynes Creek	54.78 315	P	P	11 13 55.6 0.0
G08A Pilot Rock	55.16 322	eP	P	11 13 58.9 +0.6
M04C Macdoel	55.42 317	P	P	11 14

2011 JAN

Table with columns: WCTD, Ta-ch'eng, 1.81 257 eP, Pn, 15 02 12.1 +1.1, etc. Includes stations like WTCT, TWK, CHN1, etc.

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

Table with columns: TLY, Talaya, 44.71 340 eP, P, 15 34 51.8 +1.1, etc. Includes stations like TLY, STKA, PALK, etc.

WEL 06 15:03:26.6-0.6, 38.215x176.24E, h159km, 4km, ML3.7/6, 7C-7D, Error ellipse: s-maj=2.7km s-min=2.0km az=90.0.

North Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like RRRR, OPRZ, TGRZ, etc.

M4 4/20, mB5. 1/2, mb4. 4/20, Mw(mB)4.4/2, ISC 06 15:26:41.3-0.6, 10.86N, 0.05-126.35E, 0.08, h38km, 2km, n136, n1937/124, mb4.6/71, MS3.8/10, 12C-7D, Philippine

Islands region

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

ARCES ARCESS Array B 83.67 340 P P 15 39 05.0 -0.8

SKAG Skagway 84.93 30 P P 15 39 10.7 -1.6

BRK Haski Bay 85.22 309 P P 15 39 13.1 -1.3

FINES FINES Array B 85.41 332 P P 15 39 14.2 -0.5

FINES FINES Array B 85.41 332 P P 15 39 14.8 +0.1

IDC 06 15:26:35.0-0.5, 10.84N, 126.20E, h0km, mb4.4/23, mb1 4.5/24, mb1mx4.4/41, mbmp4.4/24, ML4.2/1, MS3.6/8, Ms1 3.6/8, ms1mx3.2/49, Error ellipse: s-maj=2.14km s-min=1.2km az=74.0, BUJ 06 15:26:36.3, 10.55N, 126.53E, h34km, mb4.4/23, mb4.9/17, Ms4.8/8, Ms7.4/4

MAN 06 15:26:36, 10.91N, 126.66E, h14km, mb5.5, ML4.4, MS4.8, MSN 06 15:26:38.8-1.1, 10.86N, 126.15E, h31km, mb4.8/34, Error ellipse: s-maj=18.3km s-min=7.1km az=114.7, ISJCB 06 15:26:41.0-0.9, 10.90N, 126.33E, 0.07, h52km, 7km, mb4.6/71, MS3.8/10, Error ellipse: s-maj=11.2km s-min=5.6km az=161.9, NEIC 06 15:26:41.6-2.2, 10.85N, 126.25E, h42km, 21km, mb4.8/16, Error ellipse: s-maj=12.2km s-min=6.1km az=72.0, DJA 06 15:27:00.8-2.0, 11.1N, 126.12E, h236km, 15km,

ARCES ARCESS Array B 83.67 340 P P 15 39 05.0 -0.8, SKAG Skagway 84.93 30 P P 15 39 10.7 -1.6, BRK Haski Bay 85.22 309 P P 15 39 13.1 -1.3, FINES FINES Array B 85.41 332 P P 15 39 14.2 -0.5, FINES FINES Array B 85.41 332 P P 15 39 14.8 +0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array B, KIEV Klev, KMBO Kilima Baboray, etc.

IDC 06 15:37.31.9.2.6.15.115x173.42W, h0km, mb3.8/6, mb1 4.1/6, mb1mx3.8/33, mbtmp3.8/6, MS3.6/11, Ms1 3.6/11, ms1mx3.4/47, Error ellipse: s-maj=144.8km s-min=23.2km az=142.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, RAR Harotonga, PPT Papeete, etc.

IDC 06 15:42:32.0.1.5.9:66S:108:38E, h0km, mb3.8/8, mb1 4.0/9, mb1mx3.7/35, mbtmp3.9/9, ML4.3/1, MS3.7/1, UGM Mima Array B, ISCJB 06 15:42:37.9.1.3.9:52S:108:53E:0.07, h57km, 10km, mb3.9/13, MS3.7/1, Error ellipse: s-maj=15.6km s-min=7.4km az=40.3, NEIC 06 15:42:37.6.0.6.9:55S:108:51E, h35km, mb4.1/5, Error ellipse: s-maj=17.0km s-min=7.3km az=221.0, DJA 06 15:42:39.2.0.6.9:54.4:10:9E, h10km, MA4.0/12, MLV4.0/12, ISC 06 15:42:37.8.0.9.9:65S:108:54E:0.09, h36km, 5km, n34, r1519:32, mb4.0/13, South of Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMJ Cimerak, SCJ Gunung Strandil, CISI Cisompet, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, BVAR Borovoye Array, ABKAR Akbulak array, etc.

CSEM 06 15:51:06.7.0.3.39:41N:40:26E, h2km, MD2.6, Error ellipse: s-maj=7.2km s-min=5.5km az=149.0, ISK 06 15:51:06.2.39:44N:40:31E, h10km, MD2.6, DDA 06 15:51:07.2.39:45N:40:24E, h8km, MD3.0, ISC 06 15:51:07.0.1.1.39:43N:0:03:40:26E:0.02, h9km, 10km, n25, r1531/42, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ERZN Erzincan, BNGB Bing'li, BINT Bingol, etc.

IDC 06 15:57:41.2.0.7.27:09N:143:52E, h0km, mb3.8/15, mb1 4.1/18, mb1mx4.0/43, mbtmp3.9/18, ML3.4/3, MS2.6/1, Ms1 2.6/1, ms1mx2.3/52, Error ellipse: s-maj=17.7km s-min=16.4km az=143.0, ISCJB 06 15:57:42.9.0.6.27:43N:0:06:143:37E:0:05, h10km, mb4.0/23, Error ellipse: s-maj=9.6km s-min=4.5km az=142.7, NEIC 06 15:57:42.9.0.4.27:14N:143:48E, h10km, mb4.5/8, Error ellipse: s-maj=9.4km s-min=8.5km az=187.0, JMA 06 15:57:44.3.0.1.27:32N:143:46E, h43km, M3.3, ISC 06 15:57:43.2.0.7.27:22N:0:08:143:41E:0:06, h10km, n41, r099/44, mb4.0/23, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, CBJ Chichi jima, CBJ Chichi jima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

CSEM 06 16:06:23.9.0.1.41:85N:20:12E, h2km, ML2.1, Error ellipse: s-maj=3.8km s-min=2.5km az=49.0, PDG 06 16:06:24.5.0.2.41:86N:20:06E, h12km, MD2.5/1, ML2.4/8, Error ellipse: s-maj=0.7km s-min=0.8km az=0.0, BEO 06 16:06:24.5.0.3.41:81N:20:16E, h10km, 3km, M2.1/8, SKO 06 16:06:25.5.1.41:77N:20:14E, h1km, ATH 06 16:06:27.1.41:73N:20:17E, h31km, 9km, MD3.4/6, ISC 06 16:06:23.7.1.41:84N:0:02:20:15E:0:02, h2km, 10km, n54, r0975/93, 13C-4D, Albania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TIR Tirane, ULC Ulcinj, PLY Plav, etc.

MAN 06 16:10:21.8:55N:124:39E, h33km, mb3.8, ML2.5, MS2.1, ID, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARIG Puento Sto Nin, ZIIG Zihuatanejo, CAIG El Cayaco, etc.

MEX 06 16:11:53.3.0.9.17:88N:100:60W, h69km, 11km, MD3.9, Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARIG Puento Sto Nin, ZIIG Zihuatanejo, CAIG El Cayaco, etc.

IDC 06 16:13:02.6.1.1.23:85N:125:29E, h0km, mb3.7/7, mb1 3.8/7, mb1mx3.6/46, mbtmp3.7/7, MS3.8/2, Ms1 3.8/2, ms1mx2.8/51, Error ellipse: s-maj=63.7km s-min=19.8km az=62.0, NEIC 06 16:13:06.0.0.7.24:22N:126:46E, h35km, mb4.4/3, Error ellipse: s-maj=20.1km s-min=11.8km az=59.0, ISC 06 16:13:07.8.1.0.23:8N:125:5E:0.1, h34km, n17, r1527/15, mb3.7/10, Southwestern Ryukyu Islands

6d 16h

Table with columns: Call Sign, Station Name, Az, Phase, ID, Time, Res. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, WRAB Tennant Creek, etc.

MEX 06 16:17:40.7±0.4, 13°58N, 91°41W, h20km, 200km, MD3.7
IDC 06 16:17:30.6±1.1, 13.56N, 90.65W, h0km, mb3.3/3,
mb1 3.7/5, mb1mx3.5/40, mb1mp3.3/5, ML3.8/2, Error
ellipse: s-maj=132.3km s-min=54.0km az=32.0, Near
coast of Guatemala.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CCIG Comitán, CCIG Comitan, PCIG Comitan, CMIG Matias Romero, etc.

NEIC 06 16:17:52.6±1.4, 19°50S, 168°33E, h4km, 8km, mb5.2/55,
Error ellipse: s-maj=7.9km s-min=6.3km az=62.0
IDC 06 16:17:52.1±0.7, 19°51S, 168°34E, h0km, mb5.0/16,
mb1 5.0/17, mb1mx4.7/49, mb1mp5.0/17, ML4.0/1, MS4.1/20,
MS1 4.1/20, ms1mx4.9/30, Error ellipse: s-maj=21.0km
s-min=15.8km az=84.0
ISC/JB 06 16:17:54.8±0.2, 19°53S, 168°28E, h4.0, h26km,
mb5.1/74, MS4.2/25, Error ellipse: s-maj=5.4km
s-min=4.5km az=0.5
MOS 06 16:17:56.3±1.3, 19°56S, 168°50E, h46km, mb5.1/30,
MS4.2/8, Error ellipse: s-maj=11.7km s-min=9.9km
az=165.3
BUJ 06 16:18:03.2, 19°37S, 168°07E, h86km, mb4.9/28, mb5.1/21,
MS5.1/15, MS7.4/7/15
ISC 06 16:17:56.5±0.3, 19°55S, 168°22E, h0.0, h26km, n194,
+159/169, mb5.2/76, MS4.1/25, BC-4D, Vanuatu Islands

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

2011 JAN

Main table with columns: Call Sign, Station Name, Az, Phase, ID, Time, Res. Includes stations like COEN Coen, DCZ Deep Cove, WHZ Weiter Hill Rd, TOO Toolangi, etc.

284

Table with columns: Call Sign, Station Name, Az, Phase, ID, Time, Res. Includes stations like MDJ comp=Z,18nm,1.1s, MDJ comp=Z,110nm,4.8s, MDJ comp=N,40nm,23.7s, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like 604 Amboy, DAC Darwin (Calif), DAC Darwin (Calif), etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like WMQ comp=Z,51nm,20.0s, BSMT Bassoo Peak, TMUT Trail Mountain, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like SERG Sergoula, ABTA Abfattersberg, GUR Gaura, etc.

IDD 06:16:22.10.3t.1, 19:49Sx168:47E, h0km, mb4.4/11, mb1 4.6/12, mb1mx2.4/50, mbtmp4.4/12, ML4.2/1, Error ellipse: s-maj=28.1km s-min=26.2km az=99.0

NEIC 06:16:22.12.1t.0.8, 19:45Sx168:40E, h10km, mb4.8/6, Error ellipse: s-maj=16.4km s-min=13.4km az=52.0

ISCJJB 06:16:22.14.0t.0.8, 19:55Sx168:4E, h33km, mb4.5/13, Error ellipse: s-maj=15.9km s-min=10.4km az=15.2

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like Code Station Name, A° AZ° Phase ID, Time Res, etc.

IDD 06:16:34:48.8:49.0, 15:95S:172.87W, h0km, mb4.1/3, mb1 4.3/3, mb1mx3.7/35, mbtmp4.1/3, Error ellipse: s-maj=95.5km s-min=184.8km az=79.0, Samoa Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like Code Station Name, A° AZ° Phase ID, Time Res, etc.

CSEM 06:16:35:34.7t.0.1, 38:83N:31:48E, h5km, MD2.9, Error ellipse: s-maj=2.5km s-min=2.0km az=37.0

DDA 06:16:35:35.2, 38:83N:31:37E, h7km, MD2.9, Error ellipse: s-maj=3.4, 38:84N:31:45E, h5km, MD2.7, Turkey region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, SNR, and other parameters. Includes stations like Code Station Name, A° AZ° Phase ID, Time Res, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BORA, AFRS, KHAL, TVSB, GULT, CAVI, KULA, PAB.

MOS 06 16:36:09.9,0.9,20.26N,45.75W,h10km,mb4.9/24, Error ellipse: s-maj=8.6km s-min=7.8km az=40.6

IDC 06 16:36:09.9,0.9,20.27N,45.75W,h0km,mb4.1/20, mb1.4/3.20,mb1mx4.3/3.4, Error ellipse: s-maj=14.9km s-min=14.1km az=119.0

ISCJB 06 16:36:10.3,0.2,20.27N,0.04,45.77W,0.03,h10km, mb5.1/188,MS4.3/32, Error ellipse: s-maj=6.3km s-min=3.7km az=177.0

NEIC 06 16:36:12.0,0.2,20.23N,45.74W,h10km,mb5.2/167, Error ellipse: s-maj=5.3km s-min=3.5km az=177.0

GCMT 06 16:36:12.0,0.2,20.29N,45.62W,h12km,MW5.1/112, Moment Tensor Solution: s42,c43; s112,c182;

ISC 06 16:36:11.9,0.3,20.25N,0.07,45.75W,0.05,h10km,n502, c095/470,mb5.2/189,MS4.3/32,5C-6D,Northern

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H05N1, SMRT, HUMP, SJG, SJC, SJP, SJS, ICOMP, CELP, OBIP, AOPR, LSP, MPR, GRTK, SDDR, PTGA, PAPH, LGNH, SDV, RCBR, PKME, PAL, ROSC, BRNJ, ODNJ, HNH, LBNH, TRY, MVL, N59A, SDMD, ACCN, KSPA, NCB, FRNY, SAML, LMQ, LONY, O56A, BLA, MCWV, M54A, BDFB, GOGA, ALLY, ACSO, VLD0, SWHO, SWET, AAM, JTS, WCI.

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WCI, BLO, WVT, UGHN, PAB, ESDC, OXLF, OXF, SIUF, H10N3, H10N2, H10N1, G1NAR, DBIC, ATAH, HDIL, H10S, H10I1, PBMO, SLM, LPAZ, LPJWS, COWI, Q40A, T40A, R40A, S40A, P40A, CCIG, MNR, R39A, P39A, Q39A, N39A, S39A, Z39A, Q38A, S38A, NATX, N38A, R38A, O38A, J38A, V38A, W38A, L38A, M38A, U38A, T37A, L37A, S37A, V37A, N37A, U37A, T37A, X37A, R37A, J37A, SPMN, EYMN, EYMN, I37A, Y37A, HKT, HKT, HKT, D37A, TULI, S36A.

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like K36A, S37A, CMIG, Y36A, F36A, E36A, W36A, X36A, D36A, R35A, S35A, T35A, W35A, H35A, X35A, BORG, BORG, K35A, S35A, C35A, WHTX, WHTX, T34A, TAM, TAM, TAM, S34A, O34A, CPUP, CPUP, V34A, V34A, R34A, G35A, U34A, U34A, Y34A, H34A, R33A, X34A, Z34A, KVTX, I33A, B34A, S34A, O35A, E34A, ECSD, ECSD, LVC, LVC, U33A, R33A, S34A, F33A, R33A, T33A, G33A, H33A, Z33A, Y32A, Z32A, R33A, B32A, ABTX, ABTX, Z32A, A32A, S32A.

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

ISCJB 06 17:02:00.6-0.8, 15.2S:0.1:172.9W:0.1, h29km, mb3.7/5, MS3.5/4, Error ellipse: s-maj=19.6km s-min=9.3km az=138.7

IDC 06 17:02:01.2-4.0, 14.89S:173.46W, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.8/32, mbtmp3.8/5, MS3.6/4, M1 3.6/4, ms1mx3.2/40, Error ellipse: s-maj=203.4km s-min=25.7km az=139.0

ISC 06 17:02:03.1-0.8, 15.1S:0.1:172.9W:0.1, h29km, n23, c197/10, mb3.7/5, MS3.6/4, Samoa Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AFI, RAR, DZM, PPT, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GERES, BRTR, SKO, etc.

CASC 06 17:21:59.8-3.3, 8.39N-83.00W, h27km, 10km, MD3.7, Panama-Costa Rica border region

IDC 06 17:27:32.6-9.4, 4.53S:153.29E, h143km, 64km, mb3.2/2, mb1 3.5/3, mb1mx3.0/47, mbtmp3.8/3, MS3.7/1, Ms1 3.7/1, ms1mx2.8/16, Error ellipse: s-maj=127.3km s-min=55.3km az=118.0, New Ireland region

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

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Bursa, Iznik, Mudanya-Bursa, etc.

IDC 06 18:12:46.9-0.9, 1.05N:126.04E, h0km, mb3.9/6, mb1 4.0/7, mb1mx3.8/31, mbtmp3.9/7, ML3.9/1, Error ellipse: s-maj=46.5km s-min=16.8km az=74.0

DJA 06 18:12:56.1-0.5, 0.78N:0.05E, h25.07E:0.04, h100km, ISCJB 06 18:12:57.0-8.0, 0.74N:0.06E:125.90E:0.04, h100km, n17, c1870/24, mb3.9/6, ID, Northern Molucca Sea

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

6d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like BULB, BRUN, PISA, BMOR, MOV1, CAMI, BNAS, NAS2, TAM2, BTAM, BV2C, VC1, COV1, ANTI, JUA2, TERV, GGP, PINO, YAG1, MANG, CHIS, JAMA, CUIC, ISPT, URCU.

IDC 06 18:36:40.2-3.19195:167.94E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.6/43, mbtmp3.6/4, ML3.3/1, Error ellipse: s-maj=65.9km s-min=34.0km az=131.0, Vanuatu Islands region

ISJCJB 06 18:39:02.3-0.5, 35:07S:0:04:70:95W, 0:07, h99km, 4km, mb3.8/6, Error ellipse: s-maj=11.0km s-min=5.1km az=26.5

GUC 06 18:39:02.3-0.5, 35:07S:70:98W, h106km, 3km, ML4.0 SJA 06 18:39:04.1-0.5, 34:92S:70:84W, h58km, 14km, ML3.5 IDC 06 18:39:05.0-3.5, 35:08S:70:65W, h112km, 34km, mb3.7/6, mb1 3.9/8, mb1mx3.6/43, mbtmp4.0/8, Error ellipse: s-maj=38.7km s-min=22.7km az=49.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like NICH, CHPI, CHCH, LNV, CLCH, CCHI, COCH, PEL, ROC1, ROCH, AAGR, ARCO, AUSP, RTLS, RTVC, ACAN, PLCA, TCA, VCA, LPAZ, TXAR, TXAR, TXAR, BOS1, BOS2, TOR1, PDAR, NVAR, BVAR.

IDC 06 18:58:57.2-5.1, 36:31N:71:28E, h66km, 36km, mb3.3/3, mb1 3.5/8, mb1mx3.2/51, mbtmp3.7/8, ML3.6/3, MS3.1/1, Ms1 3.1/1, ms1mx2.3/34, Error ellipse: s-maj=55.1km s-min=19.8km az=160.0

NNC 06 18:59:03.4-0.6, 36:65N:71:02E, h98km, 93km, mb3.0, mpv3.5, Error ellipse: s-maj=38.6km s-min=35.1km az=95.0

ISC 06 18:59:02.9-1.5, 36:7N:0:1x71:04E:0:10, h100km, n13, r126/17, mb3.3/4, 4C-5D, Afghanistan-Tajikistan border region

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

2011 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like KK31, AAK, AAK, GEYT, GEYT, AB31, AB31, AKTO, AKTO, AKTO, ZALV, SONM, FINES, FINES, TORD, YKA.

IDC 06 19:03:25.8-6.5, 6:39S:147:02E, h75km, 53km, mb3.4/2, mb1 3.5/4, mb1mx3.1/29, mbtmp3.6/4, ML2.9/2, Error ellipse: s-maj=65.7km s-min=48.4km az=89.0, Eastern New Guinea region

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

NNC 06 19:04:43.1-1.9, 38:48N:68:88E, h0km, mb3.7, mpv3.3, 5C-13D, Error ellipse: s-maj=15.2km s-min=11.7km az=166.0, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like KK31, KK31, KK31, MNAS, MNAS, MNAS, AAK, AAK, AAK, TKM2, TKM2, AB31, AB31.

IDC 06 19:14:08.8-1.8, 54:30S:144:33E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.7/29, mbtmp3.7/4, MS3.4/1, Ms1 3.4/1, s-min=25.8km az=79.0, West of Macquarie Island

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

MAN 06 19:21:57, 11:14N:124:60E, h3km, mb4.5, ML3.3, MS3.2, 1C-1D, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like PLP, PLP, LLP, LLP, MSLP, MSLP, GUIM, GUIM.

IDC 06 19:29:57.6-2.4, 0:12N:125:94E, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.5/43, mbtmp4.0/4, Error ellipse: s-maj=147.4km s-min=112.7km az=156.0

ISC 06 19:30:09.0-0.6, 6:05N:0:05:125:76E:0:06, h127km, mb3.8/4, Error ellipse: s-maj=90km s-min=6.8km az=175.4

MAN 06 19:30:10, 6:13N:125:73E, h117km, mb4.9, ML3.8, MS3.8 ISC 06 19:30:10.2-0.9, 6:07N:0:07:125:77E:0:07, h127km, n14, r136/18, mb3.8/4, 3C-2D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like GSPH, GSPH, MATI, MATI, DMPH, DMPH, KCP, KCP, CTBH, CTBH, BUKP, BUKP, BIPI, BIPI, BUTP, BUTP, PIP, PIP, FITZ, FITZ, WRA.

290

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

IDC 06 19:31:14.8-1.3, 56:40S:143:92E, h0km, mb4.1/5, mb1 4.2/5, mb1mx3.9/32, mbtmp4.1/5, MS3.5/5, Ms1 3.3/5, ms1mx3.0/17, Error ellipse: s-maj=130.1km s-min=18.9km az=82.0

NEIC 06 19:31:16.2-1.0, 56:39S:144:00E, h10km, mb4.2/1, Error ellipse: s-maj=106.0km s-min=13.6km az=81.0

ISC 06 19:31:16.2-1.3, 56:45:0:2:144:2-10, h10km, n14, r119/11, mb4.2/6, MS3.2/5, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like RPZ, Vnda, Vnda, Vnda, STKA, STKA, ASAR, ASAR, ASAR, GSPA, MAW, WRA, WRAB, CMAR, AKASO, KEST, FINES, GERES, GERES, ARCES, ARCES.

SJA 06 19:46:43.9-0.6, 23:01S:66:54W, h269km, 9km, ML3.3, MW3.1, IDC 06 19:46:48.3-1.4, 23:11S:66:56W, h200km, 16km, mb3.4/2, mb1 3.6/7, mb1mx3.3/27, mbtmp4.0/7, Error ellipse: s-maj=25.2km s-min=17.5km az=130.0

ISJCJB 06 19:46:49.5-0.6, 23:18S:0:05:66:77W:0:05, h200km, mb3.5/2, Error ellipse: s-maj=7.5km s-min=5.4km az=33.6

GUC 06 19:46:50.6-0.5, 23:07S:67:15W, h234km, 13km, ML4.6 ISC 06 19:46:48.6-0.8, 23:11S:0:06:66:74W:0:05, h200km, n22, r185/33, 3C, Jujuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like HJA, AZAP, AZAP, SLA, SLA, SLA, LVC, LVC, LVC, PB06, PB06, PB06, PB09, PB09, PB09, FSA, FSA, PB07, PB07, PB07, PB04, PB04, PB04, PB01, PB01, PB01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like PB10, PB10, PB10, PB14, VCA, LPAZ, LPAZ, SIV, PLCA, BDFB, TOR1, YKA, MKAR, MKAR.

ISJCJB 06 19:59:13.7-0.5, 39:17N:0:03:40:92E:0:04, h3km, 7km, Error ellipse: s-maj=5.4km s-min=4.3km az=32.0

CSEM 06 19:59:13.3-0.2, 39:14N:40:4, h0km, MD2.5, Error ellipse: s-maj=5.5km s-min=3.8km az=140.0

DDA 06 19:59:13.7, 39:16N:40:90E, h7km, Md2.8 ISK 06 19:59:14.0, 39:18N:41:01E, h9km, MD2.5 ISC 06 19:59:14.2-1.0, 39:16N:0:03:40:94E:0:02, h6km, 10km, n20, r112/34, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like BNGB, BNGB, BNGL, BNGL, VRTB, VRTB, VRTB, ECAT, ECAT, ECAT, ECAT, BINT, BINT, EZM, EZM, ERZM, ERZM, ERZM, EKAR, EKAR.

Table with columns: EKAR, Karacoban, 0.88 83 P, Pg, 19 59 30.8 -0.3, etc.

ISCJB 06:20:07:30.9:0.7, 40.220N:0.03:31.69E:0.05, h7km, 6km, Error ellipse: s-maj=6.1km s-min=5.3km az=34.0

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

ISCJB 06:20:18:05.3:0.4, 30.111N:0.03:51.71E:0.06, h8km, Error ellipse: s-maj=7.0km s-min=4.2km az=171.2

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

Table with columns: IBAF, comp=E, 342nm, 0.2s, eAMB, AMB, 20 20 09.2, etc.

ISCJB 06:20:24:18.2:0.8, 37.64N:0.08:36.06E:0.04, h15km, Error ellipse: s-maj=11.1km s-min=4.6km az=172.4

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

ISCJB 06:20:24:18.3:0.7, 37.61N:0.08:36.09E, h7km, MD2.6, Error ellipse: s-maj=9.1km s-min=4.7km az=69.1

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

Table with columns: KSR5, comp=Z, 36nm, 18.8s, baz=262, slow=37, LR, LR, 20 52 35.7, etc.

FUNV 06:20:50:59.8:4.3N:71.24W, h1km, MW3.1, Error ellipse: s-maj=10.5km s-min=8.1km az=177.0

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

ISCJB 06:20:54:23.3:0.9, 37.51N:0.36:12E, h5km, MD2.7, Error ellipse: s-maj=6.8km s-min=4.1km az=177.0

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

ISCJB 06:20:57:05.4:0.3, 15.75S:0.06:174.08W:0.08, h94km, mb4.8/44, Error ellipse: s-maj=12.0km s-min=7.2km

ISCJB 06:20:57:07.1:0.4, 15.74S:0.08:174.17W:0.07, h94km, mb4.8/44, Error ellipse: s-maj=12.0km s-min=7.2km

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

Table with columns: TWK, Hsinying, baz=245, 2.12 247 eP, Pn, 00 07 34.2 +1.1, etc.

ISCJB 07 00:18:02.8.0.5, 4.61S:0.06:153.80E:0.07, h100km, mb4.3/20, Error ellipse: s-maj=11.4km s-min=7.6km az=29.7

IDC 07 00:18:03.8.1.0, 4.62S:153.77E, h94km, mb3.9/12, mb1 4.0/13, mb1mx3.8/7, mbtmp4.3/13, MS3.4/10, Ms1 3.4/10, ms1mx3.3/22, Error ellipse: s-maj=27.9km s-min=12.9km az=114.0

NEIC 07 00:18:05.1.1.1, 4.64S:153.82E, h108km, 11km, mb4.4/9, Error ellipse: s-maj=10.6km s-min=8.2km az=133.0

ISC 07 00:18:04.3.0.6, 4.60S:153.81E:0.09, h100km, n32, c094/33, mb4.2/20, New Ireland region

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

CASC 07 00:36:35.8.2.4, 9.30N:83.26W, h14km, 294km, MD3.6, IC-10, Costa Rica

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

DHRM 07 00:36:41.3.1.6, 11.33N:44.06E, h14km, 15km, ML3.5, Western Gulf of Aden

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

DDA 07 00:48:52.2.39, 11.0N:28.59E, h7km, Md2.7, ISCJB 07 00:48:53.0.0.6, 39.06N:0.04:28.57E:0.04, h6km, 8km, Error ellipse: s-maj=7.2km s-min=5.2km az=160.9

CSEM 07 00:48:53.1.0.2, 39.07N:28.55E, h4km, 3km, MD2.7, Error ellipse: s-maj=6.1km s-min=5.0km az=137.0

ISK 07 00:48:53.2, 39.03N:28.53E, h16km, MD2.6, ISC 07 00:48:52.9.1.0, 39.09N:0.04:28.58E:0.03, h6km, 10km, n20, c0944/30, Turkey

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

THE 07 00:23:32.5, 40.20N:25.45E, h12km, 1km, ML2.1/6, Error ellipse: s-maj=1.6km s-min=0.8km az=46.0

CSEM 07 00:23:32.2.0.1, 40.21N:25.45E, h5km, ML2.1, Error ellipse: s-maj=2.9km s-min=2.8km az=29.0

ATH 07 00:23:32.5, 40.19N:25.43E, h6km, 5km, MD2.8/5, ISK 07 00:23:32.1, 40.17N:25.48E, h5km, MD2.9, ISCJB 07 00:23:32.0.0.5, 40.20N:25.45E:0.03, h6km, 4km, Error ellipse: s-maj=3.4km s-min=3.3km az=36.2

DDA 07 00:23:34.9, 40.22N:25.72E, h7km, MD2.9, ISC 07 00:23:32.6.0.9, 40.21N:25.46E:0.02, h13km, 7km, n56, c0962/88, Aegean Sea

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

Main table with columns: GELI, ALN, Alexandroupoli, 0.82 33 eSg, S, etc.

Main table with columns: ellipse: s-maj=2.0km s-min=0.7km az=94.0, ISCJB 07 01:14.0.1.3, 36.05N:0.02:27.54E:0.2, h24km, 3km, mb3.7/8, Error ellipse: s-maj=2.8km s-min=2.2km az=161.9

CASC 07 00:36:35.8.2.4, 9.30N:83.26W, h14km, 294km, MD3.6, IC-10, Costa Rica

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

DHRM 07 00:36:41.3.1.6, 11.33N:44.06E, h14km, 15km, ML3.5, Western Gulf of Aden

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

DDA 07 00:48:52.2.39, 11.0N:28.59E, h7km, Md2.7, ISCJB 07 00:48:53.0.0.6, 39.06N:0.04:28.57E:0.04, h6km, 8km, Error ellipse: s-maj=7.2km s-min=5.2km az=160.9

CSEM 07 00:48:53.1.0.2, 39.07N:28.55E, h4km, 3km, MD2.7, Error ellipse: s-maj=6.1km s-min=5.0km az=137.0

ISK 07 00:48:53.2, 39.03N:28.53E, h16km, MD2.6, ISC 07 00:48:52.9.1.0, 39.09N:0.04:28.58E:0.03, h6km, 10km, n20, c0944/30, Turkey

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

THE 07 00:23:32.5, 40.20N:25.45E, h12km, 1km, ML2.1/6, Error ellipse: s-maj=1.6km s-min=0.8km az=46.0

CSEM 07 00:23:32.2.0.1, 40.21N:25.45E, h5km, ML2.1, Error ellipse: s-maj=2.9km s-min=2.8km az=29.0

ATH 07 00:23:32.5, 40.19N:25.43E, h6km, 5km, MD2.8/5, ISK 07 00:23:32.1, 40.17N:25.48E, h5km, MD2.9, ISCJB 07 00:23:32.0.0.5, 40.20N:25.45E:0.03, h6km, 4km, Error ellipse: s-maj=3.4km s-min=3.3km az=36.2

DDA 07 00:23:34.9, 40.22N:25.72E, h7km, MD2.9, ISC 07 00:23:32.6.0.9, 40.21N:25.46E:0.02, h13km, 7km, n56, c0962/88, Aegean Sea

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

Main table with columns: ellipse: s-maj=2.0km s-min=0.7km az=94.0, ISCJB 07 01:14.0.1.3, 36.05N:0.02:27.54E:0.2, h24km, 3km, mb3.7/8, Error ellipse: s-maj=2.8km s-min=2.2km az=161.9

CSEM 07 01:14.0.1.3, 36.08N:27.50E, h10km, MD3.4, Error ellipse: s-maj=2.5km s-min=1.9km az=165.0

ISK 07 01:14.0.3.2, 36.18N:27.48E, h25km, MD3.0, HLW 07 01:14.0.3.0, 36.10N:27.58E, h17km, 14km, MD3.0, NIC 07 01:14.0.3.0.2, 35.81N:27.58E, h66km, mb4.4, ML3.9, ISC 07 01:14.0.3.0.9, 36.10N:0.02:27.55E:0.02, h17km, 6km, n188, c0997/260, mb4.0/8, Dodecanese Islands

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

DHRM 07 00:36:41.3.1.6, 11.33N:44.06E, h14km, 15km, ML3.5, Western Gulf of Aden

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

DDA 07 00:48:52.2.39, 11.0N:28.59E, h7km, Md2.7, ISCJB 07 00:48:53.0.0.6, 39.06N:0.04:28.57E:0.04, h6km, 8km, Error ellipse: s-maj=7.2km s-min=5.2km az=160.9

CSEM 07 00:48:53.1.0.2, 39.07N:28.55E, h4km, 3km, MD2.7, Error ellipse: s-maj=6.1km s-min=5.0km az=137.0

ISK 07 00:48:53.2, 39.03N:28.53E, h16km, MD2.6, ISC 07 00:48:52.9.1.0, 39.09N:0.04:28.58E:0.03, h6km, 10km, n20, c0944/30, Turkey

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

THE 07 00:23:32.5, 40.20N:25.45E, h12km, 1km, ML2.1/6, Error ellipse: s-maj=1.6km s-min=0.8km az=46.0

CSEM 07 00:23:32.2.0.1, 40.21N:25.45E, h5km, ML2.1, Error ellipse: s-maj=2.9km s-min=2.8km az=29.0

ATH 07 00:23:32.5, 40.19N:25.43E, h6km, 5km, MD2.8/5, ISK 07 00:23:32.1, 40.17N:25.48E, h5km, MD2.9, ISCJB 07 00:23:32.0.0.5, 40.20N:25.45E:0.03, h6km, 4km, Error ellipse: s-maj=3.4km s-min=3.3km az=36.2

DDA 07 00:23:34.9, 40.22N:25.72E, h7km, MD2.9, ISC 07 00:23:32.6.0.9, 40.21N:25.46E:0.02, h13km, 7km, n56, c0962/88, Aegean Sea

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

T40A	Mansfield	44.03 303	P	P	01 27 24.4 -0.4
R40A	Maddies Statio	44.03 305	P	P	01 27 24.3 -0.4
S40A	Lebanon	44.09 304	P	P	01 27 24.9 -0.4
O40A	La Belle	44.10 307	P	P	01 27 24.4 -1.0
P40A	Paris	44.10 306	P	P	01 27 24.5 -0.9
NNA	Nana	44.27 227	i P	P	01 27 28.3 +1.3
NNA	Nana	44.27 227	e P	P	01 27 26.6 -0.5
MIAR	Mount Ida	44.53 299	P	P	01 27 28.2 -0.7
MIAR	Mount Ida	44.53 299	e P	P	01 27 28.6 -0.3
340A	Bronson	44.56 295	P	P	01 27 29.1 0.0
440A	Kirbyville	44.59 294	P	P	01 27 29.2 -0.2
R39A	Chummy, Stover	44.63 305	P	P	01 27 28.9 -0.7
O39A	Kirksville	44.63 307	P	P	01 27 29.1 -0.5
P39A	Salisbury	44.63 306	P	P	01 27 28.8 -0.8
Q39A	Willow Grove F	44.71 306	P	P	01 27 29.6 -0.7
N39A	Derby Farms, D	44.74 308	P	P	01 27 29.8 -0.6
S39A	Bolivar	44.74 304	P	P	01 27 29.7 -0.9
Y39A	Lockesburg	44.90 298	P	P	01 27 31.6 -0.2
Z39A	Irene McRaven,	44.91 297	P	P	01 27 31.7 -0.2
139A	Bunkhouse Ranc	45.05 296	P	P	01 27 33.2 +0.1
239A	Gary	45.08 295	P	P	01 27 32.8 -0.5
339A	Huntington	45.12 295	P	P	01 27 33.6 0.0
Q38A	Cooks Store, C	45.19 305	P	P	01 27 33.5 -0.6
S38A	Stockton	45.19 303	P	P	01 27 33.4 -0.8
NATX	Nacogdoches	45.23 295	P	P	01 27 34.2 -0.3
NATX	Nacogdoches	45.23 295	e P	P	01 27 34.6 +0.1
P38A	Dawn	45.25 306	P	P	01 27 33.8 -0.7
N38A	Joess South For	45.26 308	P	P	01 27 34.1 -0.5
R38A	Fenwick Farm,	45.28 304	P	P	01 27 34.9 +0.1
439A	Center Grove,	45.29 294	P	P	01 27 34.5 -0.4
O38A	Galt	45.30 307	P	P	01 27 34.4 -0.6
J38A	Wedel Dairy, R	45.32 312	P	P	01 27 34.5 -0.6
V38A	Caneyhill	45.35 301	P	P	01 27 34.4 -1.1
W38A	Poteau	45.35 300	P	P	01 27 35.1 -0.3
K38A	Parkersburg	45.36 311	P	P	01 27 35.0 -0.3
L38A	Oak Wood Farm,	45.37 310	P	P	01 27 34.7 -0.7
M38A	Pleasantville	45.37 309	P	P	01 27 34.7 -0.8
U38A	Gravette	45.41 302	P	P	01 27 36.0 +0.2
Y38A	Scanlan Farm,	45.42 313	P	P	01 27 35.5 -0.9
I38A	Idabel	45.43 298	P	P	01 27 35.3 -0.5
SCIA	State Center	45.50 309	e P	P	01 27 36.3 -0.1
X38A	Whitesboro	45.57 299	P	P	01 27 36.7 -0.5
Z38A	Mt. Pleasant	45.59 297	P	P	01 27 37.0 -0.2
238A	Jacksonville	45.63 295	P	P	01 27 37.8 +0.1
138A	Matatal Enter	45.64 296	P	P	01 27 37.8 +0.1
338A	Crockett	45.77 295	P	P	01 27 38.6 -0.2
TOAD	Torodi Ar. Sit	45.77 91	e P	P	01 27 37.3 -1.7
TORD	Torodi Ar. Bea	45.77 91	P	P	01 27 38.5 -0.6
TORD	comp=Z,4um,18.8s,baz=280,slow=34,LR				01 45 11.2
O37A	Wolven Farm, M	45.81 307	P	P	01 27 39.1 +0.1
Q37A	Longview Farm,	45.82 305	P	P	01 27 38.4 -0.6
P37A	Lathrop	45.86 306	P	P	01 27 39.2 -0.2
C38A	Sawhill Land.	45.89 318	P	P	01 27 39.1 -0.3
438A	Sam Houston St	45.90 294	P	P	01 27 39.6 -0.2
T37A	Cheneville 18	45.92 303	P	P	01 27 39.1 -0.8
S37A	Fort Scott	45.94 303	P	P	01 27 39.3 -0.6
L37A	Phoenix Point,	45.94 310	P	P	01 27 39.1 -0.9
V37A	Hulbert	45.95 301	P	P	01 27 39.0 -1.1
H37A	Dierke Farm, C	45.98 313	P	P	01 27 40.7 +0.4
N37A	Lee Faris, Mou	45.98 308	P	P	01 27 39.4 -0.9
U37A	Salina	45.99 302	P	P	01 27 39.1 -1.3
M37A	Trindle Farm,	46.00 309	P	P	01 27 40.0 -0.4
K37A	Belmond	46.01 310	P	P	01 27 39.9 -0.6
X37A	Clayton	46.01 299	P	P	01 27 40.8 +0.1
R37A	Teagarden Farm	46.02 304	P	P	01 27 39.9 -0.8
J37A	Redenius Farm,	46.08 311	P	P	01 27 40.7 -0.4
SPMN	Marine on St.	46.08 314	P	P	01 27 41.3 +0.2
SPMN	Marine on St.	46.08 314	e P	P	01 27 41.5 +0.4
I37A	Lemond, Waseca	46.16 312	P	P	01 27 41.9 +0.3
Y37A	Hugo	46.17 298	P	P	01 27 41.7 -0.1
137A	Heron Place, G	46.20 296	P	P	01 27 40.5 -1.6
HKT	Hockley	46.20 293	e P	P	01 27 42.4 +0.3
237A	Washetta, Mont	46.22 295	P	P	01 27 42.2 0.0
FRB	Profisher Bay	46.27 346	P	P	01 27 40.7 -1.4
CAF	Calviac	46.34 47	e P	P	01 27 44.3 +0.8
CAF	comp=Z,10.0nm,1.0s				pmax pmax
O36A	Bolckow	46.42 307	P	P	01 27 43.0 -0.8
D37A	Cotton	46.43 317	P	P	01 27 43.5 -0.2
C37A	Embarrass	46.47 317	P	P	01 27 43.7 -0.3
TUL1	Leonard	46.48 301	P	P	01 27 43.6 -0.7
TUL1	Leonard	46.48 301	e P	P	01 27 46.0 +1.8
U36A	Oologah	46.48 301	P	P	01 27 43.3 -0.9
P36A	Good Intent, A	46.52 306	P	P	01 27 44.3 -0.2
S36A	Lake Cedric, C	46.53 303	P	P	01 27 44.5 -0.2
R36A	Gordon, Harris	46.54 304	P	P	01 27 44.5 -0.3
N36A	Muff Farm, Cla	46.55 308	P	P	01 27 44.7 -0.1

K36A	Gilmore City	46.56 310	P	P	01 27 44.4 -0.4
V36A	Jenks	46.58 301	P	P	01 27 44.5 -0.6
Q36A	Arnold C. Orve	46.61 305	P	P	01 27 45.4 -0.1
S37A	Green Hill Far	46.62 293	P	P	01 27 45.2 -0.2
637A	Eagle Lake	46.63 292	P	P	01 27 45.6 0.0
J36A	Seneca 1, Swea	46.64 311	P	P	01 27 44.9 +0.6
H36A	Jesseland, He	46.67 313	P	P	01 27 46.1 +0.4
T36A	Boggs Farm, Ca	46.67 302	P	P	01 27 45.1 -0.7
Y36A	Durant	46.71 298	P	P	01 27 46.0 -0.1
G36A	St. Michael	46.73 314	P	P	01 27 46.4 +0.3
737A	Port Lavaca	46.74 291	P	P	01 27 46.9 +0.5
F36A	Milaca	46.75 315	P	P	01 27 46.4 +0.1
W36A	Wetumka	46.76 300	P	P	01 27 46.5 0.0
E36A	McGregor	46.77 316	P	P	01 27 46.5 +0.1
X36A	Centrahoma	46.81 299	P	P	01 27 46.3 -0.6
236A	Katherine and	46.83 295	P	P	01 27 46.7 -0.4
136A	Ennis	46.84 296	P	P	01 27 46.7 -0.5
TCF	Toulu Ste Croi	46.88 45	e P	P	01 27 47.4 +0.1
TCF	comp=Z,30nm,1.2s				pmax pmax
C36A	Pine Crest Far	46.89 317	P	P	01 27 46.7 -0.7
D36A	Goeland	46.91 316	P	P	01 27 47.8 +0.2
Q35A	Merced Eighty,	47.03 305	P	P	01 27 47.7 -0.9
N35A	Tabor	47.07 307	P	P	01 27 48.3 -0.6
336A	Riesel	47.08 294	P	P	01 27 48.5 -0.6
R35A	Emporia Municl	47.09 304	P	P	01 27 48.4 -0.7
S35A	Otter Creek Ra	47.10 303	P	P	01 27 48.4 -0.7
P35A	Duane Minner,	47.12 306	P	P	01 27 48.1 -1.3
K35A	Storm Lake	47.14 310	P	P	01 27 48.6 -0.8
CFW	Charnwood Fore	47.15 35	e P	P	01 27 50.0 +0.8
T35A	Sooner Cattle	47.16 302	P	P	01 27 48.5 -1.1
O35A	Humboldt	47.16 307	P	P	01 27 49.0 -0.6
G35A	Watkins	47.22 314	P	P	01 27 50.3 +0.3
L35A	Biow Farm, R	47.24 309	P	P	01 27 49.7 -0.4
636A	Smothers Creek	47.26 292	P	P	01 27 50.3 -0.2
536A	Bastrop	47.27 293	P	P	01 27 49.8 -0.7
J35A	Milford	47.27 311	P	P	01 27 49.6 -0.8
U35A	Pawnee	47.28 301	P	P	01 27 50.0 -0.6
736A	Circle Diamond	47.28 291	P	P	01 27 50.3 -0.4
W35A	Teenshaw	47.29 300	P	P	01 27 50.1 -0.5
V35A	Meyer Ranch, C	47.31 300	P	P	01 27 50.1 -0.7
X35A	Drake	47.31 299	P	P	01 27 50.1 -0.8
H35A	Sunnyside Ranc	47.32 313	P	P	01 27 50.3 -0.5
Y35A	Marietta	47.34 298	P	P	01 27 50.4 -0.6
ESK	Eskdalemuir	47.39 32	e P	P	01 27 50.8 -0.3
F35A	Swanville	47.45 314	P	P	01 27 52.0 +0.2
D35A	Remer	47.46 316	P	P	01 27 51.8 0.0
Z35A	Perchaven, San	47.49 297	P	P	01 27 51.9 -0.3
KSU1	Kansas State U	47.51 305	P	P	01 27 51.7 -0.7
KSU1	Kansas State U	47.51 305	e P	P	01 27 51.5 -0.8
TAM	Tamanrasset	47.52 77	P	P	01 27 54.4 +1.6
TAM	comp=Z,58nm,1.7s				pmax pmax
TAM	Tamanrasset	47.52 77	e P	P	01 27 54.4 +1.6
E35A	Pecot Lakes	47.54 314	P	P	01 27 52.5 +0.1
CPUP	Villa Florida	47.55 194	P	P	01 27 50.8 -1.8
CPUP	comp=Z,40nm,1.0s,baz=20,slow=6.6,SNR=39				LR
CPUP	Villa Florida	47.55 194	e P	P	01 27 51.6 -0.9
335A	Moody	47.58 294	P	P	01 27 52.4 -0.6
135A	Victory Place,	47.59 296	P	P	01 27 53.0 -0.1
C35A	Jirik Farms, M	47.60 317	P	P	01 27 53.0 +0.1
WHXT	Lake Whitney,	47.62 295	P	P	01 27 52.9 -0.3
WHXT	Lake Whitney,	47.62 295	e P	P	01 27 53.0 -0.3
B35A	Bob, Littlefor	47.65 318	P	P	01 27 53.4 +0.2
N34A	Lincoln	47.70 307	P	P	01 27 53.1 -0.7
535A	Dale	47.70 293	P	P	01 27 53.2 -0.7
T34A	McCleskey Farm	47.71 302	P	P	01 27 53.2 -0.7
435B	Jarell	47.71 294	P	P	01 27 53.3 -0.7
S34A	Willow Spring	47.72 303	P	P	01 27 53.2 -0.8
O34A	Beatrice	47.74 306	P	P	01 27 54.2 +0.1
Q34A	Chapman	47.74 305	P	P	01 27 52.9 -1.3
P34A	Walnut Farm, R	47.74 306	P	P	01 27 53.5 -0.7
AVF	Avril sur Loir	47.78 44	e P	P	01 27 54.2 -0.1
AVF	comp=Z,39nm,1.4s				pmax pmax
L34A	Svendsen Farm,	47.81 309	P	P	01 27 54.3 -0.3
V34A	Guthrie	47.86 300	P	P	01 27 54.4 -0.7
V34A	Guthrie	47.86 300	e P	P	01 27 54.7 -0.5
I34A	Hadley	47.88 312	P	P	01 27 55.2 +0.1
635A	Leesville	47.89 292	P	P	01 27 55.2 -0.2
R34A	Isabella, Hill	47.90 304	P	P	01 27 54.2 -1.2
U34A	Anderson Ranch	47.93 301	P	P	01 27 55.3 -0.4
U34A	Anderson Ranch	47.93 301	e P	P	01 27 55.6 -0.1
735A	Kenedy	47.94 291	P	P	01 27 54.8 -1.0
Y34A	Reagan Ranch,	47.94 298	P	P	01 27 55.1 -0.7
H34A	Spellman Lake,	47.97 313	P	P	01 27 55.6 -0.2
835A	Beeville	47.97 290	P	P	01 27 55.7 -0.4
G34A	Benson	48.01 313	P	P	01 27 55.8 -0.3
W34A	Bridge Creek,	48.03 300	P	P	01 27 55.9 -0.5

W34A	Bridge Creek,	48.03 300	e P	P	01 27 55.9 -0.5
X34A	Smith Ranch, M	48.03 299	P	P	01 27 55.8 -0.7
Z34A	Collier Ranch,	48.04 297	P	P	01 27 56.1 -0.4
KVTV	Kingsville	48.06 289	e P	P	01 27 57.4 +0.6
134A	White-Moore Ra	48.16 296	P	P	01 27 56.5 -1.0
LVC	Limon Verde	48.16 209	e P	P	01 27 57.8 0.0
C34A	RKJ Ranch, Bes	48.19 317	P	P	01 27 57.6 +0.1
234A	Clairette	48.19 295	P	P	01 27 56.8 -1.0
D34A	Park Rapids	48.21 316	P	P	01 27 57.6 -0.1
334A	Enemo	48.27 294	P	P	01 27 57.3 -1.1
B34A	Aery, Baudette	48.28 318	P	P	01 27 57.8 -0.4
O35A	Comp=Z,108	48.28 289	P	P	01 27 59.3 +0.8
O35Z	Hargill	48.29 288	P	P	01 27 58.3 -0.2
434A	Burnet	48.30 294	P	P	01 27 57.3 -1.3
ECSD	EROS Data Cent	48.34 311	P	P	01 27 58.3 -0.4
ECSD	EROS Data Cent	48.34 311	e P	P	01 27 60.0 +1.2
M33A	Taylor Creek F	48.35 308	P	P	01 27 58.4 -0.4
U33A	Lingo Farm, Me	48.39 301	P	P	01 27 58.3 -0.9
O33A	Hebron	48.			

2009
 ISCJB 07 01:25:57.5:0.2,46:75N:01:02:10:01E:0.02,h10km,2km,
 Error ellipse: s-maj=2.8km s-min=2.5km az=174.2
 CSEM 07 01:25:57.8:0.1,46:75N:9:98E,h2km,ML2.8/19,Error
 ellipse: s-maj=2.5km s-min=1.9km az=10.0
 VIE 07 01:25:57.8:0.1,46:76N:10:02E,h10km,1km,mb1.8/5,
 ml2.5/11,Error ellipse: s-maj=1.0km s-min=0.9km az=57.0
 ROM 07 01:25:57.8:0.2,46:76N:10:01E,h10km,1km,MD2.4/10,
 M2.1/7,Error ellipse: s-maj=2.8km s-min=1.3km az=6.0
 LDG 07 01:25:58.0:0.1,46:74N:10:00E,h10km,ML2.3/14,Error
 ellipse: s-maj=1.5km s-min=1.2km az=17.0
 ZUR 07 01:25:58.1,46:78N:10:00E,h8km,1km,ML2.3/11
 PRU 07 01:25:59.1,46:78N:10:06E,h2km
 ISC 07 01:25:57.9:0.8,46:76N:01:01:36E:0.01,h14km,4km,
 n98,s132/156,19C-15Z,Switzerland

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
Code	Station Name	Δ° AZ°	Phase ID	Time	Res
DAVOX	Davos/Dischmat	0.06 294	Op Pg	01 26 00.8	-0.1
DAVOX	Davos/Dischmat	0.06 294	Op Pg	01 26 02.4	-0.5
DAVOX	Davos/Dischmat	0.06 294	Op Pg	01 26 00.8	-0.1
DAVOX	Davos/Dischmat	0.06 294	Op Pg	01 26 02.3	-0.6
DAVOX	Davos/Dischmat	0.06 294	Op Pg	01 26 02.3	-0.6
DAVOX	Davos/Dischmat	0.06 294	Op Pg	01 26 02.3	-0.6
SZER	Zernez	0.12 121	Op Pg	01 26 00.6	-0.8
SZER	Zernez	0.12 121	Op Pg	01 26 02.1	-1.6
SZER	Zernez	0.12 121	Op Pg	01 26 00.6	-0.8
SZER	Zernez	0.12 121	Op Pg	01 26 02.1	-1.6
FUORN	Ofenpass-Fuorn	0.25 123	Op Pg	01 26 03.0	-0.5
FUORN	Ofenpass-Fuorn	0.25 123	Op Pg	01 26 07.1	-0.2
FUORN	Ofenpass-Fuorn	0.25 123	Op Pg	01 26 03.0	-0.5
SCEL	Celerina	0.26 195	Op Pg	01 26 04.0	-0.4
SCEL	Celerina	0.26 195	Op Pg	01 26 07.9	+0.5
SCEL	Celerina	0.26 195	Op Pg	01 26 04.0	-0.4
SCEL	Celerina	0.26 195	Op Pg	01 26 07.9	+0.5
STSP	Tschiers	0.29 117	Op Pg	01 26 03.7	-0.4
STSP	Tschiers	0.29 117	Op Pg	01 26 03.7	-0.4
BERNI	Berninapass	0.35 172	Op Pg	01 26 05.3	+0.2
BERNI	Berninapass	0.35 172	Op Pg	01 26 10.0	0.0
BERNI	Berninapass	0.35 172	Op Pg	01 26 05.3	+0.2
BERNI	Berninapass	0.35 172	Op Pg	01 26 10.0	0.0
BERNI	Berninapass	0.35 172	Op Pg	01 26 05.3	+0.2
BERNI	Berninapass	0.35 172	Op Pg	01 26 10.0	0.0
MOSI	Grossmontoni	0.43 109	Op Pg	01 26 06.1	-0.5
MOSI	Grossmontoni	0.43 109	Op Pg	01 26 11.7	-0.8
MOSI	Grossmontoni	0.43 109	Op Pg	01 26 06.1	-0.5
MOSI	Grossmontoni	0.43 109	Op Pg	01 26 11.7	-0.8
VDL	Val di Lei	0.44 232	Op Pg	01 26 07.4	-0.1
PLONS	Pions/Sa	0.49 307	Op Pg	01 26 08.4	+0.1
PLONS	Pions/Sa	0.49 307	Op Pg	01 26 15.4	0.0
PLONS	Pions/Sa	0.49 307	Op Pg	01 26 08.4	+0.1
PLONS	Pions/Sa	0.49 307	Op Pg	01 26 15.4	0.0
TUE	Stuetta	0.51 236	Op Pg	01 26 08.5	-0.1
TUE	Stuetta	0.51 236	Op Pg	01 26 16.2	+0.3
TUE	Stuetta	0.51 236	Op Pg	01 26 08.5	-0.1
TUE	Stuetta	0.51 236	Op Pg	01 26 16.2	+0.3
DAVA	Damuels	0.53 354	Op Pg	01 26 08.9	+0.5
DAVA	Damuels	0.53 354	Op Pg	01 26 16.2	+0.6
DAVA	Damuels	0.53 354	Op Pg	01 26 08.9	+0.5
DAVA	Damuels	0.53 354	Op Pg	01 26 16.2	+0.6
DAVA	Damuels	0.53 354	Op Pg	01 26 08.9	+0.5
FETA	Feichten	0.59 63	Op Pg	01 26 08.8	-0.8
FETA	Feichten	0.59 63	Op Pg	01 26 16.2	-1.3
CARE	Lago del Cares	0.61 123	Op Pg	01 26 09.0	-0.9
MABI	Malga Bissina	0.80 151	Op Pg	01 26 13.2	-0.3
MABI	Malga Bissina	0.80 151	Op Pg	01 26 23.5	-0.5
MABI	Malga Bissina	0.80 151	Op Pg	01 26 13.2	-0.3
MABI	Malga Bissina	0.80 151	Op Pg	01 26 23.5	-0.5
MABI	Malga Bissina	0.80 151	Op Pg	01 26 13.2	-0.3
MABI	Malga Bissina	0.80 151	Op Pg	01 26 23.5	-0.5
OZOL	Ozolo	0.83 115	Op Pg	01 26 13.6	-0.5
OZOL	Ozolo	0.83 115	Op Pg	01 26 23.8	-1.2
CURA	Staanlage Cun	0.86 262	Op Pg	01 26 13.3	-1.4
CURA	Staanlage Cun	0.86 262	Op Pg	01 26 13.3	-1.4
RNI	Roncone	0.90 149	Op Pg	01 26 15.2	-0.2
RNI	Roncone	0.90 149	Op Pg	01 26 15.2	-0.2
RETA	Reutte	0.92 37	Op Pg	01 26 15.0	-0.6
RETA	Reutte	0.92 37	Op Pg	01 26 15.0	-0.6
APPI	Appiano	0.92 107	Op Pg	01 26 14.9	-0.8
APPI	Appiano	0.92 107	Op Pg	01 26 26.3	-1.5
APPI	Appiano	0.92 107	Op Pg	01 26 14.9	-0.8
APPI	Appiano	0.92 107	Op Pg	01 26 26.3	-1.5
FUSIO	Fusio	0.94 252	Op Pg	01 26 16.3	
MOTA	Moosalm	0.98 53	Op Pg	01 26 15.9	-1.0
MOTA	Moosalm	0.98 53	Op Pg	01 26 29.6	-0.1
MOTA	Moosalm	0.98 53	Op Pg	01 26 15.9	-1.0
MOTA	Moosalm	0.98 53	Op Pg	01 26 29.6	-0.1
MDI	Monti di Nese	0.99 190	Op Pg	01 26 16.9	-0.2
MDI	Monti di Nese	0.99 190	Op Pg	01 26 30.5	+0.7
MDI	Monti di Nese	0.99 190	Op Pg	01 26 16.9	-0.2
MDI	Monti di Nese	0.99 190	Op Pg	01 26 30.5	+0.7
MUGIO	Muggio	1.05 217	Op Pg	01 26 15.2	-0.2
MUGIO	Muggio	1.05 217	Op Pg	01 26 37.8	+0.7
MUGIO	Muggio	1.05 217	Op Pg	01 26 15.2	-0.2
MUGIO	Muggio	1.05 217	Op Pg	01 26 37.8	+0.7
MUGIO	Muggio	1.05 217	Op Pg	01 26 15.2	-0.2
MUGIO	Muggio	1.05 217	Op Pg	01 26 37.8	+0.7
MAGA	Magasa	1.09 154	Op Pg	01 26 18.5	0.0
MAGA	Magasa	1.09 154	Op Pg	01 26 32.7	-0.3
MAGA	Magasa	1.09 154	Op Pg	01 26 18.5	0.0
MAGA	Magasa	1.09 154	Op Pg	01 26 32.7	-0.3
MAGA	Magasa	1.09 154	Op Pg	01 26 18.5	0.0
MAGA	Magasa	1.09 154	Op Pg	01 26 32.7	-0.3
VARE	Varese	1.21 223	Op Pg	01 26 20.9	+0.3
VARE	Varese	1.21 223	Op Pg	01 26 37.8	+1.2
VARE	Varese	1.21 223	Op Pg	01 26 20.9	+0.3
VARE	Varese	1.21 223	Op Pg	01 26 37.8	+1.2
VARE	Varese	1.21 223	Op Pg	01 26 20.9	+0.3
VARE	Varese	1.21 223	Op Pg	01 26 37.8	+1.2
DDS	Dosso del Somm	1.22 135	Op Pg	01 26 21.2	+0.4
DDS	Dosso del Somm	1.22 135	Op Pg	01 26 37.8	+0.7
DDS	Dosso del Somm	1.22 135	Op Pg	01 26 21.2	+0.4
DDS	Dosso del Somm	1.22 135	Op Pg	01 26 37.8	+0.7
DDS	Dosso del Somm	1.22 135	Op Pg	01 26 21.2	+0.4
DDS	Dosso del Somm	1.22 135	Op Pg	01 26 37.8	+0.7
WATA	Walderalm	1.25 62	Op Pg	01 26 21.1	+0.1
WATA	Walderalm	1.25 62	Op Pg	01 26 21.1	+0.1

WTTA	Wattenberg	1.26 66	Op Pg	01 26 21.1	0.0
WTTA	Wattenberg	1.26 66	Op Pg	01 26 38.8	+0.3
WTTA	Wattenberg	1.26 66	Op Pg	01 26 21.1	0.0
WTTA	Wattenberg	1.26 66	Op Pg	01 26 38.8	+0.3
MARN	Marana (Italy)	1.42 142	Op Pg	01 26 24.9	-0.2
MARN	Marana (Italy)	1.42 142	Op Pg	01 26 40.9	-0.2
TRAV	Traversella	1.98 232	Op Pg	01 26 34.0	+0.4
HINF	Hinterferella	2.36 298	Op Pg	01 26 37.9	+1.7
HINF	Hinterferella	2.36 298	Op Pg	01 26 42.5	+0.6
HINF	Hinterferella	2.36 298	Op Pg	01 27 13.0	-0.8
HINF	Hinterferella	2.36 298	Op Pg	01 26 37.9	+1.7
HINF	Hinterferella	2.36 298	Op Pg	01 27 13.0	-0.8
CDF	Champ du Feu	2.46 313	Op Pg	01 26 40.0	+2.5
CDF	Champ du Feu	2.46 313	Op Pg	01 27 16.0	-0.8
CDF	Champ du Feu	2.46 313	Op Pg	01 26 40.0	+2.5
CDF	Champ du Feu	2.46 313	Op Pg	01 27 16.0	-0.8
LPG	La Plagne	2.56 242	Op Pg	01 26 40.7	+1.6
LPG	La Plagne	2.56 242	Op Pg	01 26 43.3	+0.6
LPG	La Plagne	2.56 242	Op Pg	01 27 19.6	-0.5
LPG	La Plagne	2.56 242	Op Pg	01 26 40.7	+1.6
LPG	La Plagne	2.56 242	Op Pg	01 26 43.3	+0.6
LPG	La Plagne	2.56 242	Op Pg	01 27 19.6	-0.5
LPG	La Plagne	2.56 242	Op Pg	01 26 40.7	+1.6
LPG	La Plagne	2.56 242	Op Pg	01 26 43.3	+0.6
LPG	La Plagne	2.56 242	Op Pg	01 27 19.6	-0.5
LPG	La Plagne	2.56 242	Op Pg	01 26 40.7	+1.6
LPG	La Plagne	2.56 242	Op Pg	01 26 43.3	+0.6
LPG	La Plagne	2.56 242	Op Pg	01 27 19.6	-0.5
LPL	La Plagne	2.56 242	Op Pg	01 26 41.0	+1.9
LPL	La Plagne	2.56 242	Op Pg	01 26 46.1	-0.9
LPL	La Plagne	2.56 242	Op Pg	01 27 19.5	-0.7
LPL	La Plagne	2.56 242	Op Pg	01 26 41.0	+1.9
LPL	La Plagne	2.56 242	Op Pg	01 26 46.1	-0.9
LPL	La Plagne	2.56 242	Op Pg	01 27 19.5	-0.7
CABF	La Chapelle	2.67 268	Op Pg	01 26 42.3	+1.9
CABF	La Chapelle	2.67 268	Op Pg	01 26 48.7	-0.3
CABF	La Chapelle	2.67 268	Op Pg	01 27 22.9	-0.6
CABF	La Chapelle	2.67 268	Op Pg	01 26 42.3	+1.9
CABF	La Chapelle	2.67 268	Op Pg	01 26 48.7	-0.3
CABF	La Chapelle	2.67 268	Op Pg	01 27 22.9	-0.6
HOU	Haudompre	2.75 298	Op Pg	01 26 43.3	+1.8
HOU	Haudompre	2.75 298	Op Pg	01 27 25.2	-1.0
HOU	Haudompre	2.75 298	Op Pg	01 26 43.3	+1.8
HOU	Haudompre	2.75 298	Op Pg	01 27 25.2	-1.0
HOU	Haudompre	2.75 298	Op Pg	01 26 43.3	+1.8
HOU	Haudompre	2.75 298	Op Pg	01 27 25.2	-1.0
MBDF	Montbardon	3.02 229	Op Pg	01 26 47.5	+2.2
MBDF	Montbardon	3.02 229	Op Pg	01 27 18.9	-2.3
MBDF	Montbardon	3.02 229	Op Pg	01 26 47.5	+2.2
MBDF	Montbardon	3.02 229	Op Pg	01 27 18.9	-2.3
MBDF	Montbardon	3.02 229	Op Pg	01 26 47.5	+2.2
MBDF	Montbardon	3.02 229	Op Pg	01 27 18.9	-2.3
PAGF	Fort de Pagny	3.38 304	Op Pg	01 26 52.3	+2.2
PAGF	Fort de Pagny	3.38 304	Op Pg	01 27 27.3	-2.6
PAGF	Fort de Pagny	3.38 304	Op Pg	01 26 52.3	+2.2
PAGF	Fort de Pagny	3.38 304	Op Pg	01 27 27.3	-2.6
PAGF	Fort de Pagny	3.38 304	Op Pg	01 26 52.3	+2.2
PAGF	Fort de Pagny	3.38 304	Op Pg	01 27 27.3	-2.6
ORIF	Oris-en-Rattie	3.39 239	Op Pg	01 26 53.0	+2.6
ORIF	Oris-en-Rattie	3.39 239	Op Pg	01 27 27.5	-2.9
ORIF	Oris-en-Rattie	3.39 239	Op Pg	01 26 53.0	+2.6
ORIF	Oris-en-Rattie	3.39 239	Op Pg	01 27 27.5	-2.9
ORIF	Oris-en-Rattie	3.39 239	Op Pg	01 26 53.0	+2.6
ORIF	Oris-en-Rattie	3.39 239	Op Pg	01 27 27.5	-2.9
SBF	Sospel	3.40 212	Op Pg	01 26 52.6	+2.2
SBF	Sospel	3.40 212	Op Pg	01 27 27.5	-3.0
SBF	Sospel	3.40 212	Op Pg	01 26 52.6	+2.2
SBF	Sospel	3.40 212	Op Pg	01 27 27.5	-3.0
SBF	Sospel	3.40 212	Op Pg	01 26 52.6	+2.2
SBF	Sospel	3.40 212	Op Pg	01 27 27.5	-3.0
KHC	Kasperske Hory	3.40 44	Op Pg	01 26 52.8	+2.3
KHC	Kasperske Hory	3.40 44	Op Pg	01 26 52.8	+2.3
KHC	Kasperske Hory	3.40 44	Op Pg	01 26 52.8	+2.3
KHC	Kasperske Hory	3.40 44	Op Pg	01 26 52.8	+2.3
KHC	Kasperske Hory	3.40 44	Op Pg	01 26 52.8	+2.3
KHC	Kasperske Hory	3.40 44	Op Pg	01 26 52.8	+2.3
SFTF	Sextfontaines	3.63 295	Op Pg	01 26 56.3	+2.7
SFTF	Sextfontaines	3.63 295	Op Pg	01 26 57.4	+2.2
SFTF	Sextfontaines	3.63 295	Op Pg	01 26 56.3	+2.7
SFTF	Sextfontaines	3.63 295	Op Pg	01 26 57.4	+2.2
SFTF	Sextfontaines	3.63 295	Op Pg	01 26 56.3	+2.7
SFTF	Sextfontaines	3.63 295	Op Pg	01 26 57.4	+2.2
MEZF	Matzeries J'vi	3.75 300	Op Pg	01 26 57.0	+2.2
MEZF	Matzeries J'vi	3.7			

2011 JAN

Table with columns: KTD, SNR, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RNF Rovaniemi, SGF Sodankyl, BURU Burvik, MOI Rana, ARAO ARCESS Array S, etc.

Table with columns: KUY, Kasperse Hory, 2.79 215, Pg, Pb, 01 58 55.7+0.8, etc. Includes stations like BUX Buyukada, MDNY Mudanya-Bursa, HRT Hereke, etc.

Table with columns: SKO, Skopje, 2.35 120, eSn, Sg, 02 27 41.4+0.2, etc. Includes stations like BOLS Boljevac, KUBS Kucevo, MDVR Moldovita, etc.

7d 3h

2011 JAN

308

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like AKCD, MMAI, KAMA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like EIDS, TIDS, EOD, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like STHS, STHS, STHS, etc.

VLC	Villacollemand	79.85	314	PFAKE	LR	03 22 20.0	+13
VLC	comp-Z,288nm,21.0s						
FUORN	Oferpass-Fuorn	80.12	316	eP	P	03 22 09.2	+0.4
KEST	Kesra	80.23	305	P	P	03 22 09.9	+0.5
KEST	comp-Z,5.8nm,0.8s,baz=51,slow=5.8,SNR=6.9						
KEST	Villasalto	80.23	305	PFAKE	LR	03 22 10.3	+0.8
VSL	Villasalto	80.35	309	P	P	03 22 20.0	+10
DAVOX	Davos/Dischmat	80.39	317	P	P	03 22 10.6	+0.4
DAVA	Damuel	80.43	317	iP	P	03 22 10.2	-0.2
TUE	Stuetta	80.74	316	PFAKE	LR	03 22 20.0	+7.9
BILL	Bilibino	80.82	22j	eP	P	03 22 11.7	-0.1
BILL	comp-Z,3.0nm,1.2s						
BILL	Bilibino	80.82	22	eP	LR	03 22 11.9	+0.1
SYO	Swyona Base	80.87	196j	eP	P	03 22 10.9	-1.1
SYO	Stuttig	80.87	196j	eP	P	03 22 19.4	+1.6
NU2	NORSAR Subarra	81.04	331	P	P	03 22 11.7	-1.5
NOA	NORSAR Array B	81.04	331	P	P	03 22 12.8	-0.4
NOA	comp-Z,4.7nm,0.9s,baz=96,slow=6.1,SNR=5.6						
BFO	Black Forest	81.54	318	iP	P	03 22 16.2	+0.1
BFO	Black Forest	81.54	318	eP	P	03 22 15.8	-0.3
MUD	Monsted U'grnd	81.60	326	iP	P	03 22 16.1	0.0
MUD	comp-Z,1.9nm,0.8s						
MUD	Monsted U'grnd	81.60	326	iP	P	03 22 16.1	0.0
SENI	Lac Senin/Sane	82.15	316	eP	P	03 22 19.9	+0.3
TARA	Tarawa	82.49	89	PFAKE	LR	03 22 30.0	+8.2
LPG	La Plagne	82.50	315	eP	P	03 22 20.9	-0.7
LPL	La Plagne	82.52	315	eP	P	03 22 20.9	-0.7
BNI	Bardonecchia	82.54	315	P	P	03 22 21.2	-0.3
BNI	Bardonecchia	82.54	315	eP	P	03 22 21.3	-0.3
SPITS	Spitsbergen Ar	82.60	348	P	P	03 22 20.4	-0.7
WLF	Walferdange	83.03	319	eP	P	03 22 23.8	0.0
MEM	Membach	83.15	320	P	P	03 22 24.7	+0.3
TAM	Tamanrasset	83.61	292	P	P	03 22 28.2	+0.6
TAM	Tamanrasset	83.61	292	eP	P	03 22 28.3	+0.6
KBS	Kingsbay	83.63	349	PFAKE	LR	03 22 40.0	+14
SSB	Saint Sauveur	84.06	315	eP	P	03 22 29.2	0.0
SNF	Senefle	84.24	320	P	P	03 22 30.1	+0.1
RPZ	Avril sur Loir	84.37	316	eP	P	03 22 32.8	-0.5
TORD	Tordi Ar. Bea	87.74	283	P	P	03 22 39.1	-1.0
TORD	comp-Z,0.6nm,0.7s,baz=85,slow=5.4,SNR=9.4						
TORD	comp-Z,0.8nm,0.9s,baz=116,slow=6.6,SNR=2.5						
TORD	comp-Z,0.8nm,18.5s,baz=105,slow=35						
SNZO	South Karori	88.54	131	PFAKE	LR	03 23 00.0	+8.8
EKA	Eskdalemuir Ar	88.54	325	P	P	03 22 50.8	-0.2
BFZ	Birch Farm	89.63	131	eP	P	03 22 53.8	-2.6
UR	Urewoa	90.06	128	P	P	03 22 58.6	+0.1
VNDA	Vanda	90.17	168	P	P	03 22 58.9	+0.7
VNDA	comp-Z,5.2nm,1.0s,baz=78,slow=19,SNR=2.5						
DAG	Danmarks Havn	90.18	347	eP	P	03 22 57.0	-1.3
DAG	comp-Z,1.0nm,0.9s						
DAG	Danmarks Havn	90.18	347	iP	P	03 22 57.0	-1.3
ESDC	Sonsecra Array	90.64	310	P	P	03 23 01.6	+0.3
ESDC	comp-Z,2.3nm,0.8s,baz=61,slow=4.3,SNR=11						
ESDC	comp-Z,1.1nm,0.8s,baz=64,slow=9.0,SNR=3.7						
SBA	Scott Base	91.28	168	PFAKE	LR	03 23 10.0	+6.7
MDT	Midelt	91.89	303	P	P	03 23 07.9	+0.5
RAO	Raoul Island	93.56	119	PFAKE	LR	03 23 30.0	+15
RTC	Rabat Centre	93.61	304	PFAKE	LR	03 23 30.0	+15
DBIC	Dimbokro	94.67	277	P	P	03 23 21.0	+0.6
DBIC	comp-Z,2.0nm,0.8s,baz=83,slow=8.1,SNR=3.5						
DBIC	Dimbokro	94.67	277	P	P	03 23 21.0	+0.6
DBIC	comp-Z,2.0nm,0.8s						
SNA	Sanae	95.02	198	eP	P	03 23 21.6	+0.8
COLA	College	98.08	22	PFAKE	LR	03 23 50.0	+11
ILAR	Eielson Array	99.48	21	P	P	03 23 41.1	+0.1
ILAR	comp-Z,0.3nm,0.9s,baz=274,slow=4.0,SNR=2.7						
ILAR	comp-Z,0.7nm,0.8s,baz=300,slow=6.5,SNR=4.5						
INK	Inuvik	101.47	15	P	P	03 23 49.4	-0.4
INK	comp-Z,1.2nm,1.0s,baz=302,slow=10,SNR=3.6						
EGAK	Eagle	101.50	20	PFAKE	LR	03 23 49.6	-0.2
ASCN	Ascension	105.13	263	PFAKE	LR	03 28 30.0	+12
HOPE	Hope Point	114.22	211	PFAKE	LR	03 28 50.0	+12
TBI	Tabua	119.33	114	eLR	LR	04 05 19.5	
PP2	Papeete2	119.92	108	eLR	LR	04 05 32.9	
FFC	Flin Flon	120.34	8	PFAKE	LR	03 29 00.0	+10
NLWA	Neilton Lookou	120.41	26	PFAKE	LR	03 29 00.0	+10
NEW	Newport	122.44	21	P	PKPdf	03 29 03.5	+10
NEW	Newport	122.44	21	ePKPdf	LR	03 28 52.7	-1.2
HAWA	Hanford	123.05	24	PFAKE	LR	03 29 10.0	+15

HAWA	Tendick Farm,	123.81	28	P	PKPdf	03 29 04.8	+8.1
105D	Terrebonne, OR	123.89	27	P	PKPdf	03 29 05.0	+8.1
J40	Umputa Nationa	124.38	28	P	PKPdf	03 29 06.0	+8.0
M50	Missoula	124.79	20	P	PKPdf	03 29 05.5	+6.9
EGMT	Eagleton	125.04	16	P	PKPdf	03 29 06.7	+7.7
EGMT	Eagleton	125.04	16	ePKPdf	LR	03 28 58.0	-1.0
BMO	Blue Mountains	125.21	24	PFAKE	LR	03 29 10.0	+11
M2C	Callahan	125.40	30	P	PKPdf	03 29 08.1	+8.2
M04C	Lac du Bonnet	125.45	5	PKP	PKPdf	03 29 00.7	+1.1
A29A	Macdoel	125.61	29	P	PKPdf	03 29 08.4	+8.0
RCBR	Manning Farm,	126.39	8	P	PKPdf	03 29 09.4	+7.9
RCBR	Riachuelo	126.46	266	PFAKE	LR	03 29 10.0	+7.4
A30A	Hoffart Farm,	126.49	7	P	PKPdf	03 29 09.1	+7.4
BOZ	Bozeman (W)	126.60	19	PFAKE	LR	03 29 10.0	+7.8
WVOR	Wild Horse Val	126.60	27	ePKPdf	LR	03 29 01.3	-0.9
A32A	Rocking H Ranc	126.71	6	P	PKPdf	03 29 06.2	+4.2
A33A	Warroad	126.79	5	P	PKPdf	03 29 06.6	+4.4
B30A	Myrvik Farm, E	126.97	7	P	PKPdf	03 29 10.1	+7.5
B32A	Ashes, Strandq	127.23	6	P	PKPdf	03 29 10.1	+7.0
B34A	Avey, Baudette	127.30	4	P	PKPdf	03 29 10.7	+7.5
AGMN	Agassiz Nation	127.39	5	PFAKE	LR	03 29 10.0	+6.6
HLID	Heiley	127.42	23	P	PKPdf	03 29 02.9	-0.9
HLID	Heiley	127.42	23	ePKPdf	LR	03 29 02.9	-0.9
PKME	Peaks-Kenny PK	127.46	342	PFAKE	LR	03 29 10.0	+6.4
C31A	Landman Farms,	127.69	7	P	PKPdf	03 29 09.6	+5.7
RLMT	Red Lodge	127.81	18	P	PKPdf	03 29 07.8	+3.2
RLMT	Red Lodge	127.81	18	PFAKE	LR	03 29 20.0	+15
LKVV	Lake	127.96	19	PFAKE	LR	03 29 20.0	+15
EYMN	Ely	128.00	2	PFAKE	LR	03 29 20.0	+15
C36A	Pine Crest Far	128.13	3	P	PKPdf	03 29 12.6	+7.8
C39A	Grand Marais	128.15	0	P	PKPdf	03 29 12.7	+7.9
MOOW	Moose Ponds	128.57	19	ePKPdf	PKPdf	03 29 05.1	-1.0
LOHW	Long Hollow	128.74	19	ePKPdf	PKPdf	03 29 05.0	-0.7
F26A	Lodgepole	128.79	12	P	PKPdf	03 29 12.8	+6.6
F27A	Leannon	128.90	11	P	PKPdf	03 29 11.1	+4.7
AHID	Auburn Hatcher	129.20	20	PFAKE	LR	03 29 20.0	+12
G26A	Maurine	129.34	12	P	PKPdf	03 29 15.8	+8.5
ELK	Elko	129.46	25	PKP	PKPdf	03 29 09.8	+1.9
ELK	Elko	129.46	25	ePKPdf	PKPdf	03 29 07.1	-0.8
LONY	Lake Ozonia	129.51	346	PFAKE	LR	03 29 20.0	+12
BW06	Boulder Array	129.84	19	P	PKPdf	03 29 11.1	+2.6
BW06	Boulder Array	129.84	19	ePKPdf	PKPdf	03 29 06.2	-2.3
PDAR	Pinedale Array	129.84	19	PKP	PKPdf	03 29 08.9	+0.4
COWI	Conover	129.87	360	PFAKE	LR	03 29 20.0	+12
NVAR	Nina Jay Bea	129.92	29	PKP	PKPdf	03 29 09.5	+0.7
DUG	Dugway, Tooele	130.92	24	ePKPdf	PKPdf	03 29 09.4	-1.2
GLMI	Grayingl	130.94	355	PFAKE	LR	03 29 20.0	+10
H36A	Jessenland, He	131.24	4	P	PKPdf	03 29 18.8	+8.0
I30A	Idocoma	131.25	9	P	PKPdf	03 29 18.7	+7.8
ECSD	EROS Data Cent	131.82	7	P	PKPdf	03 29 16.9	+4.9
ECSD	EROS Data Cent	131.82	7	PFAKE	LR	03 29 20.0	+8.0
BINY	Binghamton	132.13	346	PFAKE	LR	03 29 20.0	+7.4
MPMC	Manual Prosop	132.17	31	P	PKPdf	03 29 13.7	+0.6
RKT	Rikitea	132.40	118	eLR	LR	04 11 07.2	
J36A	Jensia I, Sween	132.45	5	P	PKPdf	03 29 21.2	+8.1
O20A	White River Ci	132.64	19	P	PKPdf	03 29 22.0	+8.1
JFWS	Jewell Farm	133.05	1	PFAKE	LR	03 29 30.0	+16
K37A	Belmond	133.06	4	P	PKPdf	03 29 21.2	+6.9
AAM	Anr Arbor	133.35	354	PFAKE	LR	03 29 30.0	+15
OGNE	Ogallala	133.61	13	PFAKE	LR	03 29 30.0	+14
ISCO	Idaho Springs	133.77	17	PFAKE	LR	03 29 30.0	+14
SCIA	State Center	133.95	4	PFAKE	LR	03 29 30.0	+14
O56A	Blue Knob Stat	134.54	348	P	PKPdf	03 29 25.0	+7.8
PFO	Pinyon Flats O	134.61	32	PKP	PKPdf	03 29 17.4	-0.3
PFO	Pinyon Flats O	134.61	32	PFAKE	LR	03 29 30.0	+12
SPB	Sao Paulo	134.99	241	PFAKE	LR	03 29 30.0	+12
MVCO	Mesa Verde	135.16	21	PFAKE	LR	03 29 30.0	+11
ACSO	Alum Creek Sta	135.31	353	PFAKE	LR	03 29 30.0	+11
HDIL	Hopedale	135.41	360	PFAKE	LR	03 29 30.0	+11
WUAZ	Wupatki	135.49	26	PFAKE	LR	03 29 30.0	+11

WUAZ	Stockton	135.53	11	P	PKPdf	03 29 26.7	+7.6
SDCO	Great Sand Dun	135.69	18	PFAKE	LR	03 29 30.0	+10
P34A	Walnut Farm, R	135.92	8	P	PKPdf	03 29 28.3	+8.5
PTCN	Pitcairn Islan	135.99	122	PFAKE	LR	03 29 30.0	+10
P35A	Duane Minner,	136.04	7	P	PKPdf	03 29 29.1	+9.1
CBKS	Cedar Bluff	136.15	11	PFAKE	LR	03 29 30.0	+10
P37A	Lathrop	136.16	5	P	PKPdf	03 29 28.0	+7.8
CBN	Corbin Frederi	136.25	346	PFAKE	LR	03 29 30.0	+10
P39A	Salisbury	136.38	3	P	PKPdf	03 29 28.7	+8.0
KSU1	Kansas State U	136.39	8	PFAKE	LR	03 29 30.0	+9.3
T25A	Trinidad	136.58	17	P	PKPdf	03 29 30.7	+9.4
R31A	Burdett	136.69	11	P	PKPdf	03 29 30.9	+10
Q35A	Mercer Eighty,	136.70	7	P	PKPdf	03 29 30.8	+10
R32A	Long Quarter,	136.72	10	P	PKPdf	03 29 30.8	+10
Q39A	Willow Grove F	136.81	4	P	PKPdf	03 29 30.8	+9.3
Q38A	Brooks Store, C	136.85	5	P	PKPdf	03 29 31.0	+9.5
Q40A	Laux Farm, Aux	136.91	3	P	PKPdf	03 29 31.1	+9.5
R33A	Olander Ranch,	136.96	10	P	PKPdf	03 29 30.8	+9.0
R34A	Isabella, Hill	137.08	9	P	PKPdf	03 29 31.4	+9.4
R36A	Gordon, Harris	137.29	7	P	PKPdf	03 29 31.3	+8.9

PTGA	Pitinga	21.64 15 P	P	05 00 23.5 -1.3
PTGA	comp=Z,13nm,1.0s,baz=193,slow=21,SNR=18	21.64 15 eP	S	05 04 02.5 -0.4
PTGA	comp=Z,20nm,0.8s,baz=295,slow=23,SNR=3.2	21.64 15 eP	P	05 00 23.7 -1.2
PTGA	San Jose del G	25.22 343 eP	S	05 04 02.5 -0.4
CMBC	Cumbal	25.66 330 eP	P	05 00 58.3 +1.0
CRUC	La Cruz	25.83 332 eP	P	05 01 03.7 +2.0
POPCO	Popayan, Colom	26.60 334 eP	P	05 01 09.9 +0.1
PRAC	Prado	27.02 339 eP	P	05 01 12.1 -1.2
VILC	Villavicencio,	27.02 342 eP	P	05 01 13.5 +0.1
CHIC	Chingaza	27.52 342 eP	P	05 01 17.5 +0.7
YOPC	Yopal, Colombi	27.87 345 eP	P	05 01 20.8 -0.2
ROSC	El Rosal	27.89 341 P	P	05 01 21.8 +0.2
ROSC	comp=Z,15nm,0.4s,baz=152,slow=12,SNR=13	27.89 341 eP	ScP	05 07 41.0 +0.8
ROSC	comp=Z,12nm,0.9s,baz=212,slow=16,SNR=4.1	27.89 341 eP	P	05 01 21.7 +0.2
TOLC	Tolima	27.98 339 eP	P	05 01 21.3 -0.9
MALC	Bahia Malaga	28.20 334 eP	P	05 01 24.3 +0.6
RUSC	La Rusia	28.55 344 eP	P	05 01 26.5 -0.9
GUVC	Guyana, Colomb	28.60 339 eP	P	05 01 27.3 -0.5
NORC	Norcasia	28.75 340 eP	P	05 01 26.5 -2.1
BARC	Barichara	29.25 344 eP	P	05 01 21.2 -2.0
HELC	Santa Helena	29.25 339 eP	P	05 01 33.7 -2.4
GRMC	Gramalote, San	30.54 345 eP	P	05 01 41.7 -0.2
EFI	East Falkland	30.34 1711 eP	P	05 01 40.9 -1.2
EFI	comp=Z,146nm,1.4s	30.34 171 P	P	05 01 41.0 -1.2
EFI	East Falkland	30.34 171 eP	P	05 01 41.9 -0.2
DBBC	Dabeiba	30.55 339 eP	P	05 01 43.2 -1.3
OCAC	Ocana	30.86 345 eP	P	05 01 44.3 -3.0
SDV	Santo Domingo	30.95 350 eP	P	05 01 46.1 -2.0
MOTC	Monteria, Cord	32.03 341 eP	P	05 01 55.1 -2.2
PAYG	Puerto Ayacucho	32.07 308 eP	P	05 01 59.3 +1.6
RCBR	Riachuelo	32.70 65 P	P	05 02 03.5 +0.3
RCBR	Riachuelo	32.70 65 eP	P	05 02 02.1 -1.1
BCIP	Isla Barro Col	33.89 334 eP	P	05 02 13.3 0.0
URIC	Uribia, Colomb	33.94 348 eP	P	05 02 09.9 -3.8
FDIC	Fort de France	36.58 7 P	P	05 02 34.4 -1.7
FDIC	comp=Z,67nm,1.0s	36.58 7 eP	P	05 02 34.5 -1.7
JTS	JuntasAbangare	37.22 327 dIP	P	05 02 42.8 +1.2
JTS	comp=Z,122nm,1.0s	37.22 327 P	P	05 02 43.0 +1.4
JTS	JuntasAbangare	37.22 327 eP	P	05 02 43.5 +1.9
HOPE	Hope Point	39.09 153 P	P	05 02 56.0 -0.5
HOPE	comp=Z,529nm,0.6s,SNR=7.2	39.09 153 eP	P	05 02 55.9 -0.5
ANWB	Willy Bob	39.42 5 eP	P	05 02 56.6 -3.0
CRPR	Cabo Rojo, PR	39.62 358 eP	P	05 02 59.2 -2.1
OBIP	Obispo Ponce	39.64 358 eP	P	05 02 60.0 -1.5
CELP	Cerrillos	39.73 358 eP	P	05 03 00.2 -1.5
SJG	San Juan	39.70 359 eP	P	05 03 00.2 -1.7
HUMP	Col San Antoni	39.73 359 eP	P	05 03 00.7 -1.4
LSP	Las Mesas	39.79 358 eP	P	05 03 01.1 -1.6
MPR	Mayaguez	39.83 357 eP	P	05 03 01.3 -1.6
LRS	Lares	39.90 358 eP	P	05 03 01.7 -1.9
STVI	Saint Thomas	39.94 1 eP	P	05 03 02.5 -1.3
AODR	Arecibo Observ	39.95 358 eP	P	05 03 01.9 -2.1
ADPP	Presa de Saban	40.96 352 eP	P	05 03 10.8 -1.5
TGUH	Tegucigalpa, Un	41.60 327 eP	P	05 03 17.8 +0.4
GTBY	Guantanamo Bay	42.56 346 eP	P	05 03 23.6 -1.5
PMSA	Palmer Station	42.94 179 P	P	05 03 27.7 +0.2
PMSA	comp=Z,15nm,0.4s,baz=53,slow=3,SNR=10	42.94 179 eP	P	05 03 27.1 -0.4
GRTK	Grand Turk	43.43 352 eP	P	05 03 20.8 -1.1
CCIG	Cimitan	46.03 323 eP	P	05 03 52.3 -0.4
TECH	Tepich	47.38 330 eP	P	05 04 02.3 -0.4
TLIG	Tiapa	50.84 318 eP	P	05 04 29.8 +0.8
MOIG	Morelia	54.07 317 eP	P	05 04 53.6 +0.9
TIGA	Tifton	55.75 341 P	P	05 05 02.7 -1.5
RGRS	Roger Stewart	56.22 345 eP	P	05 05 07.5 +0.1
BRAL	Brewton	56.49 338 eP	P	05 05 10.3 +1.0
SHEL	Horse Pasture	56.49 95 eP	P	05 05 10.7 +0.9
GOGA	Godfrey	57.56 342 P	P	05 05 15.9 -0.8
GOGA	Godfrey	57.56 342 eP	P	05 05 16.0 -0.8
JSC	Jenkinsville	57.80 345 eP	P	05 05 18.6 +0.2
JSC	comp=Z,25nm,0.9s	57.80 345 eP	P	05 06 26.6 +2.3
035A	Encino	57.88 325 P	P	05 05 19.3 +0.3
738A	Farr-Stevens R	58.19 329 P	P	05 05 21.5 +0.3
KVXT	Kingsville	58.26 326 eP	P	05 05 23.2 +1.5
034A	comp=Z,211nm,1.5s	58.29 325 P	P	05 05 22.2 +0.2
LRAL	Lakeview Retre	58.31 339 eP	P	05 05 21.0 -1.0
737A	Port Lavaca	58.52 328 P	P	05 05 24.3 +0.9
540A	Vidor	58.57 331 P	P	05 05 25.0 +1.3
934A	Benavides	58.63 325 P	P	05 05 24.8 +0.5
KMSC	Kings Mountain	58.63 345 P	P	05 05 24.1 0.0
KMSC	comp=Z,42nm,0.8s	58.63 345 eP	P	05 05 24.1 0.0
VNA3	Neumayer Olymp	58.74 162 P	P	05 05 25.7 +1.2
539A	Cross D Ranch,	58.82 330 P	P	05 05 26.7 +1.3
835A	Beeville	58.82 326 P	P	05 05 26.4 +0.9
VNA1	Neumayer-Stat	58.91 161 P	P	05 05 26.7 +1.2
736A	Circle Diamond	58.98 328 P	P	05 05 27.8 +1.2
440A	Kirbyville	59.01 331 P	P	05 05 27.8 +1.0
637A	Eagle Lake	59.02 329 P	P	05 05 27.8 +0.9
933A	Laredo	59.04 325 P	P	05 05 27.2 +0.1
834A	Tilden	59.07 326 P	P	05 05 27.7 +0.5
HKT	Hockley	59.21 329 eP	P	05 05 27.5 -0.5
HKT	comp=Z,32nm,1.0s	59.21 329 eP	P	05 06 35.1 +0.8
538A	Harpers Horsep	59.27 330 P	P	05 05 29.6 +1.0
735A	Kenedy	59.27 327 P	P	05 05 29.1 +0.5
VNA2	Neumayer-Watz	59.28 161 P	P	05 05 29.4 +1.2
636A	Smothers Creek	59.41 328 P	P	05 05 30.3 +0.7
439A	Center Grove	59.42 331 P	P	05 05 30.7 +1.1
537A	Green Hill Far	59.45 329 P	P	05 05 31.1 +0.7
340A	Bronson	59.56 332 P	P	05 05 31.2 +0.7

734A	La Parita Cree	59.65 326 P	P	05 05 31.3 +0.1
833A	Chapparral WMA,	59.67 325 P	P	05 05 31.5 +0.2
635A	Lee-44,SNR=73	59.69 327 P	P	05 05 31.1 -0.3
438A	Sam Houston St	59.71 330 P	P	05 05 32.5 +0.9
TKL	Tkalechee C	59.77 343 eP	P	05 05 31.0 -0.8
CPCT	Cooper Cave	59.77 342 eP	P	05 05 31.3 -0.5
339A	Huntington	59.78 331 P	P	05 05 32.7 +0.7
536A	Bastrop	59.90 328 P	P	05 05 33.0 +0.1
733A	Divot King Ran	59.93 326 P	P	05 05 33.0 -0.1
832A	Faith Ranch, C	59.95 325 P	P	05 05 33.2 -0.1
SWET	Sewanee	59.97 341 eP	P	05 05 32.5 -0.8
634A	China Grove, S	59.98 327 P	P	05 05 33.3 -0.1
437A	Phantom Ranch,	60.08 330 P	P	05 05 34.7 +0.6
535A	Dale	60.11 328 P	P	05 05 34.2 -0.1
338A	Crockett	60.14 331 P	P	05 05 35.6 +1.2
NATX	Nacogdoches	60.19 331 P	P	05 05 35.6 +0.8
NATX	comp=Z,132nm,0.8s	60.19 331 eP	P	05 05 35.7 +0.9
NATX	Laxson Ranch,	60.30 325 P	P	05 05 35.3 -6.0
732A	Laxson Ranch,	60.30 325 P	P	05 05 35.3 -0.3
239A	Gary	60.33 332 P	P	05 05 36.4 +0.7
436A	Wall Ranch, Ga	60.35 329 P	P	05 05 36.4 +0.6
337A	Centerville	60.37 330 P	P	05 05 37.0 +1.0
BLA	Blacksburg	60.40 346 P	P	05 05 36.2 +0.1
BLA	comp=Z,56nm,1.4s	60.40 346 eP	P	05 05 35.4 -0.7
633A	Saathoff Ranch	60.46 326 P	P	05 05 36.5 -0.2
OXF	Oxford	60.49 337 P	P	05 05 35.6 -1.1
OXF	comp=Z,114nm,1.0s	60.49 337 eP	P	05 05 35.5 -1.1
534A	Blanco	60.56 327 P	P	05 05 36.5 -0.9
238A	Jacksonville	60.60 331 P	P	05 05 38.3 +0.7
435B	Jarrell	60.74 328 P	P	05 05 38.5 +0.1
632A	Uvalde	60.82 326 P	P	05 05 39.1 0.0
139A	Bunkhouse Ranch	60.86 332 P	P	05 05 39.5 +0.3
336A	Riesel	60.88 329 P	P	05 05 39.7 +0.2
533A	Kerrville	60.88 327 P	P	05 05 39.3 -0.3
237A	Washetta, Mont	60.91 331 P	P	05 05 40.3 +0.7
SNA	Sanee	60.92 161 P	P	05 05 37.5 -1.8
SNA	comp=Z,59nm,1.0s	60.92 161 eP	P	05 05 37.1 -2.2
SNA	Sanee	60.92 161 eP	P	05 05 37.0 -2.2
335A	Moodie	61.07 329 P	P	05 05 40.9 +0.2
434A	Burnet	61.10 328 P	P	05 05 40.5 -0.4
138A	Matatall Creek	61.15 332 P	P	05 05 42.1 +1.0
631A	Perdido Cree	61.16 325 P	P	05 05 40.8 -0.6
236A	Katherine and	61.24 330 P	P	05 05 42.1 +0.3
Z39A	Irene McRaven,	61.25 333 P	P	05 05 42.4 +0.6
532A	Rocksprings	61.38 326 P	P	05 05 42.8 0.0
137A	Heron Place, G	61.39 331 P	P	05 05 43.6 +0.8
WVT	Waverly	61.41 339 P	P	05 05 41.4 -1.4
WVT	comp=Z,57nm,0.8s	61.41 339 eP	P	05 05 41.5 -1.4
433A	Art	61.46 327 P	P	05 06 42.5 -7.2
334A	Lometa	61.51 328 P	P	05 05 43.4 -0.3
238A	Mt. Pleasant	61.60 332 P	P	05 05 44.7 +0.6
JCT	Junction City	61.60 326 P	P	05 05 44.1 -0.2
JCT	comp=Z,50nm,0.8s	61.60 326 eP	P	05 05 44.2 -0.2
136A	Ennis	61.64 330 P	P	05 05 44.7 +0.2
WHTX	Lake Whitney,	61.67 329 P	P	05 05 44.6 -0.1
WHTX	comp=Z,51nm,0.8s	61.67 329 eP	P	05 05 44.6 -0.1
531A	Halls	61.72 336 eP	P	05 05 44.2 -0.8
Y39A	Lockesburg	61.81 333 P	P	05 05 45.8 +0.2
UALR	University of	61.82 335 eP	P	05 05 44.6 -1.0
Z37A	Pogue Cattle C	61.84 331 P	P	05 05 46.3 +0.6
333A	Richland Sprin	61.87 328 P	P	05 05 45.8 -0.2
432A	Menard	61.92 327 P	P	05 05 46.2 -0.2
234A	Clairette	62.01 329 P	P	05 05 46.9 0.0
GNAR	Gosnell	62.01 338 eP	P	05 05 46.3 -0.5
GLAT	Glass	62.03 336 eP	P	05 05 46.2 -0.8
Y38A	Idabel	62.07 333 P	P	05 05 47.3 0.0
MIAR	MIAR	62.12 334 P	P	05 05 47.1 -0.5
MIAR	Mount Ida	62.12 334 eP	P	05 05 47.1 -0.5
135A	Vickery Place	62.12 330 P	P	05 05 47.6 -0.1
530A	J-C Ranch, Com	62.15 325 P	P	05 05 47.9 -0.1
HPIG	comp=Z,33nm,0.9s	62.18 319 eP	P	05 05 48.7 +0.3
431A	Sonora	62.18 326 P	P	05 05 47.9 -0.3
Z36A	Blue Ridge	62.26 331 P	P	05 05 48.9 +0.3
332A	Millersview	62.30 327 P	P	05 05 48.8 -0.1
PVMO	Portageville	62.30 338 eP	P	05 05 48.5 -0.2
MVL	Millersville	62.34 351 eP	P	05 05 49.0 +0.1
233A	Rising Star	62.39 328 P	P	05 05 49.3 -0.2
134A	White-Moore Ra	62.45 329 P	P	05 05 49.6 -0.2
Y37A	Hugo	62.50 332 P	P	05 05 50.9 +0.8
PARMO	Parma	62.55 338 eP	P	05 05

U34A	Anderson Ranch	65.41 332	P	P	05 06 09.0	0.0
U34A	Anderson Ranch	65.41 332	eP	P	05 06 09.0	0.0
U34A	Anderson Ranch	65.41 332	eP	pP	05 07 16.6	0.0
R38A	Fenwick Farm,	65.41 336	P	P	05 06 08.3	-0.6
Q40A	Laux Farm, Aux	65.45 337	P	P	05 06 07.9	-1.2
W31A	Holland Ranch,	65.47 329	P	P	05 05 08.9	-0.5
V32A	Arapaho	65.49 330	P	P	05 06 09.6	+0.1
HNH	Hanover	65.51 355	eP	P	05 06 10.3	+1.0
MNTX	Cornudas Mount	65.55 323	P	P	05 06 09.3	-0.7
MNTX	Cornudas Mount	65.55 323	eP	P	05 06 09.2	-0.7
TIC	Toumoudi	65.60 72	eP	P	05 06 09.8	-0.8
U33A	Lingo Farm, Me	65.66 331	P	P	05 06 10.3	-0.2
S36A	Lake Cedric, C	65.68 334	P	P	05 06 10.4	-0.2
KIC	Kosan Boka	65.71 72	eP	P	05 06 10.7	-0.7
T34A	McCleary Farm	65.75 332	P	P	05 06 11.1	0.0
DBIC	Dimbokro	65.75 72	P	P	05 06 11.1	-0.5
DBIC	Dimbokro	65.75 72	eP	pP	05 07 19.9	+0.5
DBIC	Dimbokro	65.75 72	eP	pP	05 06 10.6	+1.0
DBIC	Dimbokro	65.75 72	eP	pP	05 07 19.9	+0.5
W30A	Crocket Farms	65.77 329	P	P	05 06 11.1	-0.2
Q39A	Willow Grove F	65.82 337	P	P	05 06 10.6	-0.9
R37A	Teagarden Farm	65.88 335	P	P	05 06 11.4	-0.5
MDV	Middlebury	65.89 354	eP	P	05 06 11.8	+0.1
MSTX	Muleshoe	65.90 326	eP	P	05 06 12.0	-0.2
MSTX	Muleshoe	65.90 326	eP	P	05 06 12.0	-0.2
MSTX	Muleshoe	65.90 326	eP	pP	05 07 22.0	+1.9
V31A	Spring Creek L	65.91 330	P	P	05 06 12.7	+0.5
P40A	Paris	65.91 338	P	P	05 06 10.9	-1.1
HDIL	Hopedale	65.92 340	P	P	05 06 10.6	-1.4
HDIL	Hopedale	65.92 340	eP	P	05 06 10.7	-1.4
HDIL	Hopedale	65.92 340	eP	pP	05 06 12.2	-2.6
S35A	Otter Creek Ra	65.94 334	P	P	05 06 12.2	-0.1
Q38A	Cooks Store, C	65.98 336	P	P	05 06 11.8	-0.7
LBNH	Lisbon	66.01 355	eP	P	05 06 13.4	+0.8
U32A	Winter Ranch,	66.01 331	P	P	05 06 12.5	-0.3
AMTX	Amarillo	66.07 328	P	P	05 06 12.9	-0.4
AMTX	Amarillo	66.07 328	eP	P	05 06 12.9	-0.4
P39A	Salisbury	66.13 337	P	P	05 06 12.4	-1.0
R36A	Gordon, Harris	66.16 334	P	P	05 06 13.3	-0.3
Q37A	Longview Farm,	66.22 336	P	P	05 06 13.6	-0.4
EMMW	East Machias	66.24 358	eP	P	05 06 13.9	0.0
T33A	Patterson Ranch	66.26 332	P	P	05 06 14.5	+0.2
S34A	Willow Spring	66.29 333	P	P	05 06 14.3	-0.2
V30A	Spur Ranch, Mi	66.30 329	P	P	05 06 15.3	+0.6
O40A	La Belle	66.38 338	P	P	05 06 13.5	-1.4
U31A	Nine Bar Ranch	66.39 330	P	P	05 06 15.4	+0.1
R35A	Emporia Munci	66.44 334	P	P	05 06 15.4	0.0
P38A	Dawn	66.53 337	P	P	05 06 15.3	-0.7
S33A	Kaszaul Farm,	66.58 332	P	P	05 06 16.2	-0.1
T32A	Huddler Ranch,	66.64 331	P	P	05 06 17.2	+0.5
LONY	Lake Ozonia	66.65 353	eP	P	05 06 16.9	+0.3
Q36A	Arnold, C, Orve	66.69 335	P	P	05 06 16.0	-1.0
O39A	Kirksville	66.73 338	P	P	05 06 16.0	-1.2
P37A	Lathrop	66.80 336	P	P	05 06 16.8	-0.8
Q35A	Mercer Eighty,	66.83 334	P	P	05 06 17.3	-0.6
R34A	Isabella, Hill	66.85 333	P	P	05 06 18.0	0.0
PKMC	Peaks-Kenny Pk	66.86 357	eP	P	05 06 18.4	+0.6
U30A	WK&E Inc. Balk	66.90 330	P	P	05 06 18.8	+0.3
T31A	Randall Ranch,	66.91 331	P	P	05 06 18.8	+0.4
HSIG	Galt	66.93 317	eP	P	05 06 19.6	+0.9
Q38A	Galt	66.95 337	P	P	05 06 17.6	-0.9
S32A	Newby Ranch, P	67.08 332	P	P	05 06 19.9	+0.4
U29A	Oasis Ranch, S	67.13 329	P	P	05 06 20.4	+0.5
P36A	Good Intent, A	67.16 335	P	P	05 06 19.1	-0.8
R33A	Olander Ranch,	67.17 333	P	P	05 06 20.1	0.0
O37A	Wolven Farm, M	67.23 336	P	P	05 06 19.6	-0.8
Q34A	Chapman	67.25 334	P	P	05 06 20.2	-0.3
S31A	Mullinville	67.25 331	P	P	05 06 21.0	+0.4
T30A	Plains	67.27 330	P	P	05 06 20.9	+0.2
N39A	Derby Farms, D	67.27 338	P	P	05 06 19.3	-1.2
KSU1	Kansas State U	67.27 334	P	P	05 06 20.1	-0.5
KSU1	Kansas State U	67.27 334	eP	P	05 06 20.1	-0.5
KSU1	Kansas State U	67.27 334	eP	pP	05 07 31.0	+2.3
PLVO	Plevna	67.39 351	eP	pP	05 06 21.5	+0.3
P35A	Duane Zimmerman,	67.40 335	P	P	05 06 20.7	-0.7
N38A	Joel South For	67.45 337	P	P	05 06 20.6	-1.1
O36A	Bolckow	67.51 336	P	P	05 06 21.3	-0.8
121A	Cookes Peak, D	67.53 322	P	P	05 06 23.9	+1.3
121A	Cookes Peak, D	67.53 322	eP	P	05 06 23.2	+0.7
R32A	Long Quarter,	67.58 329	+0.3	P	05 06 22.9	+0.3
Q33A	Connely Farm,	67.69 333	P	P	05 06 23.2	0.0
T29A	Hugoton	67.71 330	P	P	05 06 23.8	+0.3
S30A	Montezuma	67.72 331	P	P	05 06 23.7	+0.2
P34A	Walnut Farm, R	67.74 334	P	P	05 06 23.4	-0.2
N37A	Lee Faris, Mou	67.77 337	P	P	05 06 23.0	-0.7
R31A	Gurdett	67.83 332	P	P	05 06 24.5	+0.3
Q32A	Meitler Ranch,	67.99 333	P	P	05 06 25.1	0.0
M38A	Pleasantville	67.99 338	P	P	05 06 23.9	-1.1

O35A	Humboldt	67.99 335	P	P	05 06 23.8	-1.2
P33A	Williams Farm,	68.00 334	P	P	05 06 25.0	-0.1
S29A	Ulysses	68.00 330	P	P	05 06 25.9	+0.6
BNN	Barren Site	68.08 324	eP	P	05 06 26.9	+0.9
N36A	Muff Farm, Cl	68.10 336	P	P	05 06 25.3	-0.5
R30A	Dighton	68.16 331	P	P	05 06 26.6	+0.4
Y22D	IRIS PASSCAL I	68.18 324	P	P	05 06 27.5	+1.0
Y22D	IRIS PASSCAL I	68.18 324	eP	P	05 06 28.2	+1.7
LPM	Los Pinos Moun	68.20 324	eP	P	05 06 27.6	+0.9
LPM	Los Pinos Moun	68.20 324	eP	pP	05 07 38.4	+3.4
O34A	Beatrice	68.23 335	P	P	05 06 25.8	-0.7
M37A	Trindle Farm,	68.28 337	P	P	05 06 26.3	-0.5
S28A	Manter	68.34 329	P	P	05 06 27.6	+0.2
CBKS	Cedar Bluff	68.35 332	P	P	05 06 28.0	+0.6
CBKS	Cedar Bluff	68.35 332	eP	P	05 06 28.0	+0.6
CBKS	Cedar Bluff	68.35 332	eP	pP	05 07 39.1	+3.4
JFWS	Jewell Farm	68.36 341	eP	P	05 06 26.7	-0.5
JFWS	Jewell Farm	68.36 341	eP	pP	05 07 37.4	+1.8
Q31A	Ellis	68.36 332	P	P	05 06 27.8	+0.3
N35A	Tabor	68.40 336	P	P	05 06 26.9	-0.7
SCIA	State Center	68.43 338	eP	P	05 06 26.3	-1.4
O33A	Hebron	68.49 334	P	P	05 06 28.1	0.0
P32A	Huiling Farm,	68.53 333	P	P	05 06 28.4	-0.1
L38A	Oak Wood Farm,	68.55 338	P	P	05 06 27.2	-1.2
LAZ	Ladron	68.55 324	eP	P	05 06 30.0	+1.1
LAZ	Ladron	68.55 324	eP	pP	05 07 41.0	+3.8
ANMO	Albuquerque	68.59 325	eP	pmx	05 06 28.9	-0.2
ANMO	Albuquerque	68.59 325	eP	pmx	05 06 28.9	-0.2
ANMO	Albuquerque	68.59 325	eP	P	05 06 29.9	+0.8
ANMO	Albuquerque	68.59 325	eP	P	05 06 29.9	+0.8
M36A	Felix, Anita	68.60 337	P	P	05 06 28.2	-0.6
R29A	Mariental	68.66 331	P	P	05 06 29.7	+0.4
Q30A	Quinter	68.70 331	P	P	05 06 30.3	+0.7
N34A	Lincoln	68.71 335	P	P	05 06 28.7	-0.8
P31A	Stockton	68.78 332	P	P	05 06 30.4	+0.5
L37A	Phoenix Point,	68.81 338	P	P	05 06 29.0	-1.0
R28A	Tribune	68.91 330	P	P	05 06 31.0	+0.2
K38A	Parkersburg	68.93 339	P	P	05 06 29.8	-1.0
O32A	Brockman Farm,	68.94 334	P	P	05 06 30.8	-0.1
M35A	Neola	68.94 336	P	P	05 06 30.1	-0.8
Q29A	Oakley	68.97 331	P	P	05 06 31.5	+0.3
N33A	J Bar K, Exete	69.00 334	P	P	05 06 31.1	-0.1
L36A	Harm Buss Farm	69.11 337	P	P	05 06 31.4	-0.5
TUC	Tucson	69.12 320	P	pmx	05 06 33.1	+0.8
TUC	Tucson	69.12 320	P	pmx	05 06 33.1	+0.8
TUC	Tucson	69.12 320	P	P	05 06 33.2	+0.8
TUC	Tucson	69.12 320	eP	P	05 06 33.2	+0.8
P30A	Selden	69.18 332	P	P	05 06 32.8	+0.4
T25A	Trinidad	69.20 327	P	P	05 06 33.7	+0.9
T25A	Trinidad	69.20 327	eP	P	05 06 33.7	+0.9
O31A	Woolen Ranch,	69.28 337	P	P	05 06 33.2	+0.2
M34A	Aspy Farms, Fr	69.31 335	P	P	05 06 32.7	-0.5
K37A	Belmont	69.33 338	P	P	05 06 32.2	-1.1
N32A	Stulken Farm,	69.36 334	P	P	05 06 33.5	0.0
J38A	Wedel Dairy, R	69.43 339	P	P	05 06 32.6	-1.2
L35A	Bielow Farm, R	69.44 337	P	P	05 06 33.4	-0.6
Q28A	Sharon Springs	69.50 330	P	P	05 06 34.9	+0.5
K36A	Gilmore City	69.51 338	P	P	05 06 33.7	-0.6
P29A	Atwood	69.53 331	P	P	05 06 35.2	+0.6
M33A	Taylor Creek F	69.61 335	P	P	05 06 34.2	-0.7
O30A	MW Ranch, Wils	69.62 332	P	P	05 06 35.6	+0.5
L34A	Svendsen Farm,	69.63 336	P	P	05 06 34.6	-0.5
N31A	Bailey Ranch,	69.69 333	P	P	05 06 35.5	0.0
J37A	Saint Francis	69.79 338	P	P	05 06 35.2	-0.8
K35A	Kaye Shedlock	69.82 330	P	P	05 06 37.4	+0.9
K35A	Kaye Shedlock	69.82 330	eP	P	05 06 37.4	+0.9
K35A	Kaye Shedlock	69.82 330	eP	pP	05 07 43.4	-1.7
BGNE	Belgrade	69.85 334	P	P	05 06 36.6	+0.1
BGNE	Belgrade	69.85 334	eP	P	05 06 36.5	0.0
BGNE	Belgrade	69.85 334	eP	pP	05 07 47.0	+1.9
K35A	Storm Lake	69.86 337	P	P	05 06 35.9	-0.5
P28A	Saint Francis	69.87 331	P	P	05 06 37.3	+0.6
O29A	4D Ranch, Culb	69.90 332	P	P	05 06 37.3	+0.5
I38A	Scanlan Farm,	70.03 340	P	P	05 06 36.6	-0.8
J36A	Seneca 1, Swea	70.07 338	P	P	05 06 36.8	-0.9
214A	Organ Pipe Nat	70.11 318	P	P	05 06 39.6	+1.3
214A	Organ Pipe Nat	70.11 318	eP	P	05 06 39.3	+1.0
214A	Organ Pipe Nat	70.11 318	eP	pP	05 07 51.0	+4.0
M31A	Lambrecht Ranch	70.13 334	P	P	05 06 38.5	+0.3
K34A	Le Mars	70.15 336	P	P	05 06 37.7	-0.5
N30A	Huettle Ranch,	70.15 333	P	P	05 06 38.7	+0.4
SDCO	Great Sand Dun	70.22 327	P	P	05 06 40.2	+1.0
SDCO	Great Sand Dun	70.22 327	eP	P	05 06 40.1	+1.0
SDCO	Great Sand Dun	70.22 327	eP	pP	05 07 50.8	+3.0
L32A	Elgin	70.30 335	P	P	05 06 38.5	-0.6
O28A	Krutzinger Ran	70.33 331	P	P	05 06 40.3	+0.9
I37A	Lemond, Waseca	70.36 339	P	P	05 06 38.8	-0.6
N29A	Votaw Ranch, W	70.39 332	P	P	05 06 40.2	+0.4
K33A	Hardington	70.42 336	P	P	05 06 39.5	-0.4
W18A	Petrified Fore	70.52 323	P	P	05 06 42.0	+1.2

W18A	P
------	---

G31A	Conde	baz=153,SNR=6.9	73.11	336	P	P	05 06 55.2	-0.5
E34A	Wadena	baz=148	73.15	339	P	P	05 06 55.4	-0.5
I28A	Midland	baz=151,SNR=12	73.24	334	P	P	05 06 56.4	-0.1
F32A	Veblen	baz=146,SNR=6.7	73.27	337	P	P	05 06 55.8	-0.8
D35A	Remer	baz=149	73.29	340	P	P	05 06 56.0	-0.7
EYMN	Ely	baz=152,SNR=12	73.29	342	P	P	05 06 56.0	-0.7
C37A	Embarrass	baz=155	73.29	342	P	P	05 06 56.3	-0.4
H29A	Onida	baz=154	73.37	335	P	P	05 06 57.1	-0.1
G30A	Faulton	baz=146	73.38	336	P	P	05 06 56.9	-0.4
E33A	Westby DABS, E	baz=150	73.42	338	P	P	05 06 56.9	-0.6
O20A	White River Ci	baz=139,SNR=6.0	73.42	327	P	P	05 06 59.1	+1.2
O20A	White River Ci	comp=Z,70nm,0.8s	73.42	327	eP	P	05 06 59.1	+1.2
109C	Camp Elliot, M	baz=131,SNR=11	73.44	316	P	P	05 06 59.0	+1.2
BELC	Belle Mtn. Jos	baz=132	73.46	318	P	P	05 06 59.6	+1.4
J26A	Sides Ranch, S	baz=144,SNR=18	73.48	332	P	P	05 06 59.1	+1.2
PFO	Pinyon Flats O	comp=Z,125nm,0.9s,SNR=15	73.49	317	P	P	05 06 59.0	+0.7
PFO	Pinyon Flats O	comp=Z,35nm,1.3s	73.49	317	eP	P	05 06 59.6	+1.3
PFO	Pine Crest Far	baz=154,SNR=8.4	73.52	341	eP	pP	05 08 12.4	+4.6
C36A	Quinn	baz=145	73.66	333	P	P	05 06 57.4	-0.6
I27A	Park Rapids	baz=151,SNR=5.3	73.66	339	P	P	05 06 58.2	-0.6
F31A	Hecla	baz=148,SNR=7.0	73.66	337	P	P	05 06 58.5	-0.4
G29A	Hoven	baz=147	73.73	335	P	P	05 06 59.0	-0.4
H28A	Mission Ridge	baz=145,SNR=12	73.73	334	P	P	05 06 59.5	+0.1
GMRC	Granite Mounta	baz=132	73.77	319	P	P	05 07 01.5	+1.5
C35A	Jirik Farms, M	baz=152,SNR=11	73.81	340	P	P	05 06 59.2	-0.5
SRU	San Rafael Swe	comp=Z,51nm,0.8s	73.85	325	P	pmx	05 07 01.4	+1.0
SRU	San Rafael Swe	comp=Z,11nm,0.8s	73.85	325	eP	P	05 07 01.4	+1.0
J25A	Sunshine Ranch	baz=143,SNR=16	73.86	332	P	P	05 07 01.2	+1.0
E32A	Braaten, Kindr	baz=150	73.87	338	P	P	05 06 59.7	-0.4
D33A	AnnSam, Waubun	baz=151,SNR=6.3	73.92	339	P	P	05 06 59.9	-0.4
MURC	Murrieta	baz=131	73.96	317	P	P	05 07 02.0	+1.1
G28A	Parade	baz=146,SNR=7.4	74.02	335	P	P	05 07 01.3	+0.3
C34A	RKJ Ranch, Bem	baz=152,SNR=18	74.06	340	P	P	05 07 00.7	-0.5
P18A	Preston Nutter	comp=Z,49nm,0.8s	74.08	326	eP	P	05 07 03.2	+1.4
E31A	Nome	baz=149	74.13	337	P	P	05 07 01.3	-0.2
H27A	Hoves	baz=145,SNR=14	74.13	334	P	P	05 07 01.8	+0.1
B27C	Big Bear Solar	baz=131	74.21	318	P	P	05 07 04.0	+1.4
HEC	Hector,Ludlow	baz=132	74.22	318	P	P	05 07 04.0	+1.6
P17A	Gutcher Ranch,	comp=Z,62nm,1.0s	74.23	325	eP	P	05 07 03.7	+1.2
F29A	Eureka	baz=147	74.23	336	P	P	05 07 01.8	-0.4
CCUT	Cedar City	comp=Z,46nm,1.0s	74.31	322	eP	P	05 07 05.1	+2.0
D32A	Dogwood Acres,	baz=150,SNR=6.0	74.32	338	P	P	05 07 02.1	-0.5
B35A	Bob, Littlefor	baz=153,SNR=7.2	74.32	341	P	P	05 07 02.1	-0.5
I25A	Rockford	baz=143,SNR=35	74.33	332	P	P	05 07 04.0	+1.0
TMUT	Trail Mountain	comp=Z,220nm,2.5s	74.35	325	eP	P	05 07 04.0	+0.6
TMUT	Turquoise Moun	baz=132	74.37	319	P	P	05 08 16.9	+4.0
H26A	Fairpoint	baz=144	74.40	333	P	P	05 07 03.6	+0.4
C32A	San Clemente I	baz=130	74.42	316	P	P	05 07 04.6	+1.0
C33A	Trail	baz=151,SNR=20	74.44	339	P	P	05 07 02.9	-0.4
TOAD	Torodi Ar. Sit	74.45	69	eP	P	05 07 03.0	-1.1	
TORD	Torodi Ar. Bea	74.45	69	P	P	05 07 03.3	-0.5	
TORD	comp=Z,28nm,0.7s, baz=246,slow=5.4,SNR=4.8					05 08 13.1	-0.5	
TORD	comp=Z,4.8nm,0.9s, baz=245,slow=11,SNR=22					05 16 09.8	-3.9	
E30A	Jud	baz=148,SNR=5.3	74.45	337	P	P	05 07 03.2	-0.2
D31A	McClaffin, Tow	baz=149	74.49	338	P	P	05 07 03.2	-0.4
K22A	Casper	baz=141,SNR=15	74.51	330	P	P	05 07 04.9	+0.9
K22A	Casper	comp=Z,32nm,0.9s	74.51	330	eP	P	05 07 05.0	+1.0
RSSD	Black Hills	baz=143	74.54	332	P	P	05 07 04.9	+0.6
RSSD	Black Hills	comp=Z,27nm,0.9s	74.54	332	eP	P	05 07 04.7	+0.5
RSSD	Catalina Islan	baz=130	74.60	316	P	pP	05 08 16.7	+2.8
CIS	McLaughlin	baz=146	74.62	335	P	P	05 07 05.7	+1.1
F28A	Sheep Range	74.63	320	eP	P	05 07 06.2	+0.3	
BFSC	Mount Baldy Ra	74.66	317	P	P	05 07 06.1	+1.0	
RRX	Edison Barstow	baz=131	74.67	318	P	P	05 07 06.5	+1.6
G27A	Dupree	baz=145,SNR=7.6	74.68	334	P	P	05 07 04.8	0.0
B34A	Aery, Baudette	baz=152,SNR=5.6	74.72	340	P	P	05 07 04.5	-0.4
FMP	Fort Macarthur	baz=130	74.73	316	P	P	05 07 06.6	+1.4
H25A	Fruitdale	baz=144,SNR=6.9	74.75	333	P	P	05 07 05.6	+0.3
E29A	Napoleon	baz=147	74.78	336	P	P	05 07 05.2	-0.1
GSC	Goldstone, Bar	baz=151	74.82	319	P	P	05 07 07.5	+1.7
B33A	Robert and Kas	baz=151,SNR=7.0	74.83	340	P	P	05 07 05.1	-0.4
G26A	Maurine	baz=144,SNR=8.7	74.88	334	P	P	05 07 05.9	-0.1
SHOC	Shoshone, Teco	baz=132	74.90	319	P	P	05 07 07.3	+1.1
D30A	Buchanan	baz=148,SNR=20	74.91	337	P	P	05 07 06.0	0.0
AGMN	Agassiz Nation	baz=151,SNR=19	74.94	340	P	P	05 07 05.8	-0.3
AGMN	Agassiz Nation	comp=Z,29nm,0.8s	74.94	340	eP	P	05 07 05.9	-0.3
PASC	Pasadena Art C	comp=Z,50nm,1.0s	74.95	317	eP	P	05 07 07.6	+1.0
SYO	Syowa Bea	75.05	159	eP	P	05 07 06.0	-0.5	
DECC	Green Verdugo	baz=130	75.09	317	P	P	05 07 08.7	+1.3
F27A	Lemmon	baz=145,SNR=5.4	75.12	334	P	P	05 07 07.6	+0.3
C31A	Landman Farms,	baz=149,SNR=12	75.13	338	P	P	05 07 07.0	-0.3
G25A	Newell	baz=144,SNR=11	75.14	333	P	P	05 07 07.8	+0.4

O16A	Springville	75.17	325	eP	P	05 07 02.9	-5.0	
D29A	Pettibone, Tap	baz=147	75.17	337	P	P	05 07 07.6	+0.1
E28A	Huff	baz=146	75.18	336	P	P	05 07 07.9	+0.3
DAU	Daniels Canyon	75.18	326	P	P	05 07 09.6	+1.5	
DAU	Daniels Canyon	75.18	326	eP	P	05 07 09.6	+1.5	
B32A	Ashes, Stranqu	75.25	339	P	P	05 07 07.7	-0.2	
EDW2	Edwards Air Fo	75.28	318	P	P	05 07 09.3	+0.8	
NLU	North Lily Min	baz=130	75.29	325	eP	P	05 07 09.6	+1.0
NLU	North Lily Min	comp=Z,27nm,1.1s				05 08 22.3	+4.0	
C30A	Mose, Pekin	75.31	338	eP	pP	05 07 08.3	0.0	
A33A	Warrad	baz=148,SNR=8.0	75.35	340	P	P	05 07 08.3	-0.1
F27A	Lodgepole	baz=144,SNR=9.1	75.36	334	P	P	05 07 08.9	+0.2
E27A	Carson	baz=146,SNR=5.4	75.40	335	P	P	05 07 09.4	+0.6
JLU	Jordanella	comp=Z,32nm,0.8s	75.42	326	eP	P	05 07 10.7	+1.3
BLG	Laguna Peak, P	baz=129	75.47	316	P	P	05 07 10.5	+1.0
LRMC	Laurel Mtn Rad	baz=131	75.48	318	P	P	05 07 10.9	+1.2
TPNV	Topopah Spring	baz=132	75.58	320	P	P	05 07 11.9	+1.6
TPNV	Topopah Spring	comp=Z,58nm,1.1s	75.58	320	eP	P	05 07 11.9	+1.6
SUR	Sutherland	75.61	119	P	P	05 07 11.6	+0.8	
SUR	Sutherland	comp=Z,283nm,0.9s,SNR=7.0	75.61	119	eP	P	05 07 11.3	+0.5
FURC	Furnace Creek,	baz=131	75.62	319	P	P	05 07 12.0	+1.7
B31A	Greenbush Farm	baz=149,SNR=8.1	75.64	338	P	P	05 07 09.6	-0.5
A32A	Rocking H Ranc	baz=150	75.69	339	P	P	05 07 10.1	-0.3
MPMC	Manual Prospec	baz=131	75.74	319	P	P	05 07 12.3	+1.1
F25A	Bowman	baz=144,SNR=5.8	75.75	334	P	P	05 07 11.2	+0.3
SC2Z	Santa Cruz Isl	baz=129	75.77	316	P	P	05 07 12.2	+1.0
E26A	Carlson Angus	75.79	335	P	P	05 07 11.3	+0.3	
MDND	Maddock	75.84	337	P	P	05 07 11.7	+0.4	
MDND	Maddock	comp=Z,196nm,0.8s	75.84	337	eP	P	05 07 12.2	+0.9
MDND	Dugway, Tooele	75.86	324	eP	pP	05 08 22.9	+1.8	
DUG	Dugway, Tooele	comp=Z,28nm,1.0s	75.86	324	P	pmx	05 07 13.1	+1.3
DUG	Dugway, Tooele	baz=135	75.86	324	eP	P	05 07 13.0	+1.3
B30A	Myrvik Farm, E	comp=Z,29nm,1.0s	75.90	338	P	P	05 07 11.6	0.0
A31A	Linda, St. Vin	baz=150	75.93	339	P	P	05 07 11.5	-0.1
D27A	Center	baz=146	75.94	335	P	P	05 07 12.3	+0.4
DAC	Darwin (Calif)	75.94	319	P	pmx	05 07 13.4	+1.1	
DAC	Darwin (Calif)	comp=Z,40nm,0.9s	75.94	319	eP	P	05 07 13.5	+1.1
DAC	Darwin (Calif)	comp=Z,49nm,0.9s	75.97	317	P	P	05 07 13.5	+1.2
C28A	Hausauer Farms	baz=130	76.02	337	P	P	05 07 12.3	+0.1
BW06	Boulder Array	baz=138,SNR=18	76.05	328	P	P	05 07 13.3	+0.4
BW06	Boulder Array	comp=Z,116nm,2.2s	76.05	328	eP	P	05 07 13.3	+0.4
PDAR	Pinedale Array	comp=Z,8.3nm,0.7s, baz=125,slow=7.8,SNR=90	76.05	328	P	P	05 07 13.2	+0.4
PDAR	Pinedale Array	comp=Z,2.3nm,0.7s, baz=107,slow=5.0,SNR=2.5	76.07	326	eP	pP	05 08 23.5	+0.7
MCU	Isabella, Lake	76.09	318	P	P	05 07 14.0	+0.9	
SBC	Santa Barbara	baz=129	76.10	316	P	P	05 07 14.4	+1.0
R11A	Troy Canyon, C	baz=133	76.13	322	P	P	05 07 15.0	+1.6
R11A	Troy Canyon, C	comp=Z,37nm,1.3s	76.13	322	eP	P	05 07 14.8	+1.5
RSUT	Red Spur Mount	76.15	326	eP	P	05 07 14.3	+0.8	
SNUT	Stansbury Mount	76.19	325	eP	P	05 07 14.6	+1.1	
E25A	Miller Ranch,	baz=144,SNR=11	76.19	334	P	P	05 07 13.7	+0.4
D26A	Manning	baz=145,SNR=4.5	76.23	335	P	P	05 07 13.7	+0.2
B29A	Wagenman Farm,	baz=148,SNR=12	76.27	338	P	P	05 07 13.9	+0.2
GRAC	Grapevine Rang	baz=131	76.28	320	P	P	05 07 15.6	+1.5
A30A	Hoffart Farm,	baz=149,SNR=11	76.31	338	P	P	05 07 13.7	-0.2
SCHO	Schefferville	76.36	359	P	P	05 07 13.4	-0.5	
C27A	Snyder Ranch,	comp=Z,7.9nm,0.6s, baz=200,slow=4.8,SNR=14	76.43	336	P	P	05 07 15.2	+0.6
HDU	Hyde Park	76.45	326	eP	P	05 07 15.9	+0.8	
BGU	Big Grassy Mou	comp=Z,30nm,1.0s	76.49	325	eP	P	05 07 16.3	+1.0
LTU	Little Mountai	76.55	326	eP	P	05 07 16.5	+0.9	
VES	Vestal, Richgr	baz=130	76.58	318	P	P	05 07 16.7	+1.0
A29A	Manning Farm,	baz=146,SNR=2.7	76.62	338	P	P	05 07 15.5	-0.1
B28A	Dug Ranch, T	baz=147,SNR=12	76.62	337	P	P	05 07 16.1	+0.5
ULM	Lac du Bonnet	76.65	340	P	P	05 07 15.3	-0.4	

2011 JAN

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like W7A Hanford, NEW Newport, D08A Wollman Farm, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like WMQ Urumqi, JAGI Jajag, C08A Christman Ranch, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

Region Vancouver Island region
Code Station Name Az AZZ Phase ID Time Res
PHC Port Hardy 1.82 86 Pn 08 57 38.5 -1.8

IDC 07 08:58:55.10.0, 20.12S, 167.77E, h0km, mb3.8/3,
mb1 3.9/4, mb1mx3.7/38, mbtmp3.7/4, MS3.1/2, Ms1 3.1/2,
ms1mx2.7/28, Error ellipse: s-maj=186.4km

Code Station Name Az AZZ Phase ID Time Res
DZM Mont Dzum 2.31 212 Op ISC h m s ISC
DZM 34m.0.3s, baz=360, slow=19, SNR=3.5

NIED 07 09:05:00.32, 60N, 130.60E, h11km, Mw3.8 Best double
couple: M=6.14000E+10, NP1=217.00000, 853.00000,

IDC 07 09:05:34.6, 1.2, 32.49N, 130.51E, h0km, mb3.5/4,
mb1 3.6/6, mb1mx3.4/45, mbtmp3.5/6, ML3.4/2, MS3.0/3,
Ms1 3.1/3, ms1mx2.7/28, Error ellipse: s-maj=23.9km

ISCJB 07 09:05:37.0, 0.5, 32.57N, 0.04, 130.63E, h0.26, h26km, 4km,
mb3.5/4, MS3.0/2, Error ellipse: s-maj=7.9km s-min=5.9km

JMA 07 09:05:37.8, 32.57N, 130.61E, h16km, 1km, M3.9
Broadband flat plane solution: P waves, NP1:
q=121.00000, 888.00000, lambda=27.00000, NP2:

Code Station Name Az AZZ Phase ID Time Res
JIU2 Izumi 2 0.18 90 Op ISC h m s ISC
JHD Honcho 0.40 258 Op P Sg 09 05 45.1 -0.0

Code Station Name Az AZZ Phase ID Time Res
ASAR Alice Springs 31.58 267 P P 09 05 20.1 0.0
ASAR Alice Springs 41.52 262 P P 09 05 20.1 0.0
ASAR Alice Springs 41.52 262 P P 09 05 20.1 0.0

IDC 07 09:05:49.9, 2.1, 32.14S, 71.89W, h0km, mb3.8/1,
mb1 3.8/5, mb1mx3.6/23, mbtmp3.6/5, ML3.9/4, Error
ellipse: s-maj=74.1km s-min=31.7km az=97.0

GUC 07 09:05:54.1, 0.6, 32.22S, 71.82W, h18km, 14km, ML3.9
ISC 07 09:05:52.1, 3.2, 32.20S, 0.05, 71.8W, 0.1, h14km, 21km,

Code Station Name Az AZZ Phase ID Time Res
PEL Peldehue 1.34 135 Op ISC h m s ISC
PEL Peldehue 1.63 143 Op P Sg 09 06 16.4 -0.2

Code Station Name Az AZZ Phase ID Time Res
LNV Longivolo 1.79 169 Op Pn 09 06 22.5 -0.1
CHCH Chadas Angostu 1.99 151 Op Pn 09 06 25.9 +1.4

ISCJB 07 09:07:41.3, 1.0, 25.3S, 0.1, 179.6E, 0.2, h507km, mb3.3/4,
Error ellipse: s-maj=23.7km s-min=13.7km az=1.2

IDC 07 09:07:42.3, 4.4, 25.42S, 179.71E, h515km, 47km, mb2.9/4,
mb1 3.3/5, mb1mx3.0/32, mbtmp3.3/5, Error ellipse:
s-maj=36.6km s-min=24.7km az=7.0

ISC 07 09:07:41.6, 0.9, 25.4S, 0.1, 179.7E, 0.2, h507km, n9,
0.064/12, mb3.4/4, South of Fiji Islands

Code Station Name Az AZZ Phase ID Time Res
URZ Urewera 13.03 189 Op ISC h m s ISC
URZ 0.9m, 0.3s, baz=342, slow=18, SNR=7.8

ASAR 0.5m, 0.5s, baz=92, slow=6.7, SNR=16
WRA Waramunga Arr 42.03 268 P P 09 16 30.7 +0.6
WRA 0.6m, 0.4s, baz=100, slow=7.2, SNR=10

CSEM 07 09:23:05.6, 37.25N, 31.87E, h7km, MD2.8
DDA 07 09:23:05.6, 37.25N, 31.87E, h7km, MD2.8, Turkey

Code Station Name Az AZZ Phase ID Time Res
ERMK Ermenek 1.03 126 Op ISC h m s ISC
ERMK Ermenek 1.03 126 P Sg 09 23 25.9 +0.1

IDC 07 09:27:12.0, 5.4, 38.28S, 73.46W, h0km, mb3.4/1,
mb1 4.0/4, mb1mx3.7/26, mbtmp3.9/4, ML4.3/3, MS3.1/3,
Ms1 3.0/3, ms1mx2.8/13, Error ellipse: s-maj=97.0km

SJA 07 09:27:43.1, 1.1, 36.39S, 71.89W, h66km, 999km, ML3.2,
MW3.5
ISC 07 09:27:12.9, 3.2, 38.22S, 0.09, 73.5W, 0.4, h10km, n11,

0.103/10, Near coast of central Chile
Code Station Name Az AZZ Phase ID Time Res
PLCA Paso Flores 3.39 139 Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
PLCA Paso Flores 3.39 139 Op ISC h m s ISC
PLCA 5.5m, 0.3s, baz=316, slow=9.2, SNR=63

IDC 07 09:40:28.2, 5.5, 30.39S, 178.14W, h73km, 36km, mb3.6/3,
mb1 3.7/3, mb1mx3.5/22, mbtmp3.9/3, Error ellipse:
s-maj=87.0km s-min=36.2km az=136.0, Kermadec

Code Station Name Az AZZ Phase ID Time Res
RAO Raoul Island 1.16 10 Op ISC h m s ISC
RAO 55m, 0.3s, baz=232, slow=19, SNR=3.6

GUC 07 09:42:15.9, 0.5, 35.71S, 73.72W, h18km, 7km, ML5.6
ISCJB 07 09:42:17.3, 0.2, 35.77S, 0.03, 73.41W, 0.03, h10km,

IDC 07 09:42:17.4, 0.4, 35.75S, 73.35W, h0km, mb4.7/15,
mb1 4.8/17, mb1mx4.7/28, mbtmp4.7/17, ML4.6/2, MS5.1/4,
Ms1 5.1/4, ms1mx4.7/19, Error ellipse: s-maj=13.4km

NEIC 07 09:42:19.3, 0.2, 35.74S, 73.00W, h10km, mb5.0/8,
ML5.6(GUC), Error ellipse: s-maj=8.4km s-min=5.8km
az=69.0

NEIC Felt (III) at Cauquenes and (II) at Talca. Also felt at
Talcahuano and Tome.
GCMT 07 09:42:19.3, 0.1, 35.87S, 73.66W, h12km, MW5.4/105,

Moment Tensor Solution. s69, c100, s105, c186;
Duration: 1s2 Moment tensor: Scale 10^17Nm;
M=0.87E+02; Mw=0.71; Ms=0.94E+02; M=0.03E+04;
Mw=0.22E+01; Ms=1.09E+07; Best double couple:
M1.43400E+10; NP1=164.00000, 870.00000,

Code Station Name Az AZZ Phase ID Time Res
CCHI Chillan 1.36 128 Op ISC h m s ISC
CCHI Chillan 1.36 128 P Sg 09 43 43.2 -0.3

Code Station Name Az AZZ Phase ID Time Res
LNV Longivolo 2.45 43 Op Pn 09 42 57.3 -1.3
CANAV Canavihue 2.83 139 Op Pn 09 43 05.8 +1.9

VLCH Valdivia 4.02 178 Op Pn 09 43 18.6 -1.5
AAGR Agrelo 4.64 56 Op Pn 09 43 31.2 +2.5
AVIZ Vicacheras 4.65 62 Op Pn 09 43 31.2 +2.4

Code Station Name Az AZZ Phase ID Time Res
RLLL Cerro Villucun 6.06 44 Op Pn 09 43 48.5 +0.4
ACAN Cantantal 6.24 58 Op Pn 09 43 51.9 +1.2

Code Station Name Az AZZ Phase ID Time Res
CPUP Villa Florida 16.67 60 Op Pn 09 46 06.7 -5.6
CPUP Villa Florida 16.67 60 Op Pn 09 46 06.7 -5.6

Code Station Name Az AZZ Phase ID Time Res
EFI East Falkland 19.32 150 Op Pmax pmax
EFI East Falkland 19.32 150 Op Pmax pmax

Code Station Name Az AZZ Phase ID Time Res
LPAZ La Paz 19.98 15 Op P
LPAZ La Paz 19.98 15 Op P

Code Station Name Az AZZ Phase ID Time Res
PRAO Prado 39.31 358 Op P
CHIC Chigaza 40.20 360 Op P

Code Station Name Az AZZ Phase ID Time Res
RUC Guyana, Colomb 40.83 357 Op P
RUC La Rusia 41.45 0 Op P

Code Station Name Az AZZ Phase ID Time Res
VNAZ Neumayer-Watz 48.83 156 Op P
SNAZ Sanae 50.38 157 Op P

Code Station Name Az AZZ Phase ID Time Res
VNAZ Vanda 62.14 192 Op P
VNAZ Vanda 62.14 192 Op P

Code Station Name Az AZZ Phase ID Time Res
834A Tilden 67.84 336 Op P
736A Circle Diamond 68.14 338 Op P

Code Station Name Az AZZ Phase ID Time Res
PAE Paea 68.84 263 Op T
732A Laxson Ranch 68.87 335 Op P

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sunshine Ranch, Webster, Alexandria, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Warramunga Arr, Keskin Array B, AKASA, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BDFB Brasilia, SNAIA, QSPA, etc.

NEIC 07 09:45:17.0..2.9, 59.185x25.95W, h30km, 20km, mb4.7/2, Error ellipse: s-maj=12.2km s-min=7.9km az=51.0

ISCJTB 07 09:45:20.0..0.4, 59.283x0.07x25.9W:0.1, h70km, mb4.6/16, Error ellipse: s-maj=12.4km s-min=6.8km

IDC 07 09:45:20.4..0.7, 59.145x26.03W, h55km, 5km, mb4.5/15, mb1.4/6/17, mb1mx4.4/27, mbtmp4.8/17, Error ellipse: s-maj=15.4km s-min=11.9km az=57.0

ISC 07 09:45:21.8..0.4, 59.235x0.09x25.9W:0.10, h70km, n65, az193.7/6, mb4.8/15, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HOPE, VNA1, VNA3, etc.

IDC 07 09:43:19.9..1.4, 35.68S:73.29W, h0km, mb4.7/8, mb1.4/7/8, mb1mx4.4/25, mbtmp4.7/8, Error ellipse: s-maj=56.6km s-min=20.5km az=106.0

ISCJTB 07 09:43:21.2..1.7, 35.55S:0.2x73.8W:0.7, h33km, mb4.7/8, Error ellipse: s-maj=91.3km s-min=7.7km az=19.8

ISC 07 09:43:24.9..1.3, 35.55S:0.2x73.4W:0.3, h35km, n12, az098.1/3, mb4.7/8, Off coast of central Chile

Table with columns: STHS, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like Stebnicka Huta, Ojcow, Ostrava-Krasne, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like Ojcow, Ostrava-Krasne, Moravsky Berou, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like Pawanui, Waipukurau, Wanganui, etc.

ISCJB 07 09:59:41.0±0.5, 50°22'N-10°04'18.98"E±0.03, h0km, Error ellipse: s-maj=5.8km s-min=2.6km az=12.6

NEIC 07 10:09:08.3, 37°18'S-176°71'E, h237km, MG.4 (WEL), After WEL, WEL 07 10:09:09.1±0.4, 37°19'S-176°68'E, h229km±3km, ML.4/23, 13C-BD, Error ellipse: s-maj=3.1km s-min=2.6km az=0.0

ISC 07 10:14:55.1±1.0, 35°62'S-72°71'W±0.1, h20km±n20, ±171/15, mb4.0/6, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time Res, Residual. Includes stations like Chorzow, Ojcow, Pawanui, etc.

7d 12h

Table with columns: MRA, LVC, LPAZ, SIV, GSPA, TXAR, DBIC, BOSA, TORD. Includes station names, times, and frequencies.

IDC 07 11:46:00.2,4,6.51S;129.93E;h143km;23km,mb3.8/8, mb1 3.9/10, mb1mx3.6/38, mbtmp4.3/11, Error ellipse: s-maj=31.0km s-min=12.2km az=68.0

DJA 07 11:46:03.0,0.5,6.5S;5.13'OE;h125km;11km,ML4.7/10, mb5.0/2,mb4.8/6,MLV4.6/10, Mv(m)Mb4.3/2

ISCJ 07 11:46:00.3,0.6,6.60S;0.05;130.16E;0.06,h146km,n33, c1944/40,mb4.1/8,Banda Sea

ISC 07 10:57:01.3,1.1,27.46N;0.07;143.3E;0.1,h35km,n20, c1501/24,mb3.8/7,Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists stations like Chichi jima, Chichijima, Haha-jima-NKT, etc.

IDC 07 11:23:06.1,0.8,0.28S;132.70E;h0km,mb4.1/7, mb1 4.3/9, mb1mx4.0/40, mbtmp4.2/9, ML4.7/2, MS3.6/11, Ms1 3.6/11, ms1mx3.4/43, Error ellipse: s-maj=14.8km s-min=12.5km az=92.0

ISCJ 07 11:23:09.0,0.5,0.27S;132.63E;0.07,h33km, mb4.1/9, MS3.6/8, Error ellipse: s-maj=9.4km s-min=7.4km az=169.4

NEIC 07 11:23:11.2,2.2,0.32S;132.69E;h37km,21km,mb4.2/4, Error ellipse: s-maj=17.4km s-min=11.9km az=59.0

ISC 07 11:23:10.6,0.8,0.21S;132.08;132.1E;0.07,h35km,n30, c1566/24,mb4.2/9,MS3.6/8,Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists stations like Sorong, Kaimana, AAI, etc.

IDC 07 11:46:39.7,2.0,5.68S;152.38E;h0km,mb3.9/3, mb1 4.1/4, mb1mx3.6/45, mbtmp3.9/4, ML1.9/1, Error ellipse: s-maj=75.9km s-min=27.0km az=120.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists stations like Port Moresby, Alice Springs, Sonm, etc.

ISCJ 07 11:45:59.8,0.4,6.59S;0.03;130.26E;0.05,h146km, mb4.0/8, Error ellipse: s-maj=6.9km s-min=4.4km az=171.8

NEIC 07 11:46:00.7,1.1,6.52S;130.04E;h150km;11km,mb4.7/5, Error ellipse: s-maj=13.7km s-min=10.0km az=70.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists stations like BNDI, MSAL, AAI, etc.

IDC 07 11:46:39.7,2.0,5.68S;152.38E;h0km,mb3.9/3, mb1 4.1/4, mb1mx3.6/45, mbtmp3.9/4, ML1.9/1, Error ellipse: s-maj=75.9km s-min=27.0km az=120.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists stations like PMG, ASAR, Sonm, etc.

IDC 07 11:48:06.5,0.9,3.67S;73.47W;h0km,mb4.2/8, mb1 4.3/11, mb1mx4.2/27, mbtmp4.2/11, ML4.4/3, MS4.0/11, Ms1 3.9/11, ms1mx3.7/23, Error ellipse: s-maj=29.5km s-min=19.9km az=94.0

ISCJ 07 11:48:07.0,0.6,3.67S;73.52W;0.07,h14km, mb4.1/8, MS3.9/8, Error ellipse: s-maj=8.1km s-min=5.8km az=13.0

NEIC 07 11:48:09.0,3.6;82S;73.67W;h34km,ML4.6(GUC), After GUC

NEIC FIT (V) at Puerto Saavedra and Tirua; (III) at Angol, Arauco, Chiguayante, Concepcion, Coronel, Lota, Penco, Renaico, San Pedro de la Paz, Talcahuano and Tolten; (II) at Carahue and La Laja.

ISC 07 11:48:09.2,0.5,3.67S;73.67W;h34km,ML4.6 GUC

ISC 07 11:48:08.5,0.7,3.67S;73.63W;0.08,h14km,n57, c1905/49,mb4.2/8,MS3.9/8,1-C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists stations like CCHI, VLCH, ANTU, etc.

Table with columns: AVFE, LCO, LCO, VCA, TRQA, TRQA, LVC, LVC, LVC, CPUP, CPUP, LPAZ, SIV, SIV, PMSA, ATAH, BDFB, BDFB, MEH, TVO, TIAR, PPT2, PPT2, MAW, TXAR, DBIC, BOS, PDAR, TORD, MDT, ABKAR, BRVK, BVAR, BVAR, AAK, ZALV, ZALV, ZALV, MKAR. Includes station names, times, and frequencies.

ISCJ 07 11:55:54.0,0.7,3.85N;0.03;31.74E;0.04,h1km,gkm, Error ellipse: s-maj=5.5km s-min=5.1km az=175.2

CSEM 07 11:55:53.9,0.3,3.85N;31.72E;h5km,MD2.7, Error ellipse: s-maj=5.8km s-min=3.1km az=51.0

ISK 07 11:55:54.4,3.8;58N;31.83E;h7km,MD2.7 DDA 07 11:55:54.1,3.8;59N;31.77E;h7km,MD2.9

ISC 07 11:55:54.3,1.1,3.85N;0.03;31.74E;0.04,h9km,gkm, n17, c941/30, Turkey

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

NNC 07 12:00:55.1,4.4,3.77S;71.98E;h211km;71km,mb2.7, mbp3.7, Error ellipse: s-maj=49.8km s-min=28.7km az=12.0

ISC 07 12:00:49.0,3.3,3.73N;0.2;71.9E;0.1,h130km,n11, c1888/15,4C-4D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists stations like AML, MNAS, UCH, KZA, EK2S, AAK, AAK, KK31, ULHL, TKM2. Includes station names, times, and frequencies.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like Khabaz, Kislodovsk, FINESS Array B, etc.

ISC 07 13:30:40.0-0.7, 16:44'S; 173:33'W, h0km, mb4.3/12, mb1 4.5/12, mb1mx4.2/34, mbtmp4.3/12, MS3.5/8, Ms1 3.6/8, ms1mx3.2/34, Error ellipse: s-maj=31.0km s-min=17.3km az=131.0

ISC 07 13:30:41.2-0.6, 16:55.0; 173:1'W, 0.1, h24km, mb4.2/12, MS3.8/7, Error ellipse: s-maj=16.9km s-min=11.2km az=135.1

ISC 07 13:30:43.2-0.6, 16:34S; 0.10x173.0W; 0.1, h24km, n34, i180/16, mb4.3/12, MS3.7/7, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like Afiamalu, RARotonga, DZM, PAE, PPT2, etc.

CSEM 07 13:41:54.0-0.1, 43:73N; 20:65E, h2km, ML1.9, Error ellipse: s-maj=2.4km s-min=2.4km az=13.0

BEO 07 13:41:55.0-0.2, 43:74N; 20:64E, h0km, M1.9/1, 2C-6D, Northwestern Trench Peninsula

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

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

ISCJB 07 13:48:54.7-0.5, 49:85N; 0:04, 18:47E; 0:03, h0km, Error ellipse: s-maj=8.1km s-min=7.7km az=4.6

IPCC 07 13:48:55.6-0.2, 49:81N; 18:59E, h0km, 3km, ML1.7/3, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

CSEM 07 13:48:55.4-0.2, 49:84N; 18:52E, h1km, ML2.6/5, Error ellipse: s-maj=5.6km s-min=2.7km az=3.0

ISC 07 13:48:55.9-0.8, 49:80N; 0:04; 18:54E; 0:02, h0km, n22, i059/38, 4D, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like Ostrava-Krasne, MORC, LANS, etc.

ISC 07 14:05:36.3-0.8, 35:78S; 73:19'W, h0km, mb4.3/10, mb1 4.4/14, mb1mx4.2/30, mbtmp4.2/14, ML4.5/4, MS4.2/18, MS1.4/21/18, ms1mx4.1/24, Error ellipse: s-maj=27.9km s-min=14.8km az=81.0

NEIC 07 14:05:37.0-0.5, 35:78S; 73:59'W, h38km, mb4.6/6, After GUC. NEIC Felt [V] at Cauquenes; [I] at Chanco, Cobquecura, Constitucion, Empedrado, San Fabian and Tome; [I] at Chillan and Penco.

GCMT 07 14:05:37.0-0.5, 35:72S; 73:73'W, h35km, MW5.1/60, Moment Tensor Solution. s37,c39; s60,c73; Duration: 0 Moment tensor: Scale 10^19Nm; Mr0.92z51; Mw=2.43z28; Mw=4.42z29; Mw=0.92z26; Mw=1.33z14; Mw=1.51z27; Best double couple: Mg=26800.1016

NP1=0.206.00000; 853.00000; 1.90.00000; NP2=0.260.00000; 837.00000; 1.90.00000; Principal axes: T 7.1570, Plg82.00000; Azmi18.00000; N -1.7780, Plg0.00000; Azm26.00000; P -5.3790, Plg8.00000; Azm296.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

GUC 07 14:05:37.4-0.5, 35:85S; 73:59'W, h38km, 10km, ML5.2 ISCJB 07 14:05:38.9-0.5, 35:83S; 0:04; 73:45W; 0:07, h33km, mb4.5/17, MS4.2/16, Error ellipse: s-maj=7.7km s-min=5.5km az=3.6

ISC 07 14:05:40.6-0.6, 35:38S; 0:05; 73:38W; 0:08, h35km, n51, i154/73, mb4.5/17, MS4.3/16, 1C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like San Pedro de C, Chillan, Los Niches, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like Peldehue, Paso Flores, Las Campanas, etc.

ISC 07 14:14:01.0-2.1, 9:24N; 124:73E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/36, mbtmp3.5/4, Error ellipse: s-maj=23.6km s-min=23.6km az=66.0

ISCJB 07 14:14:03.6; 1.1, 9:82N; 0:09; 126:64E; 0:10, h2km, mb3.5/4, Error ellipse: s-maj=13.8km s-min=12.8km az=6.8

MAN 07 14:14:10.9; 9:78N; 126:06E, h23km, mb4.4, ML3.2, MS3.1 ISC 07 14:14:05.3; 1.3, 9:93N; 0:09; 126:5E; 0:11, h2km, n9, i180/10, mb3.3/4, 1C, Mindanao

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

DJA 07 14:42:22.0-0.6, 10:5'S; 119E; 1, h39km, mb4.4, ML3.7/10, mb3.9/1, MLV3.6/10, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NVAR Mina Array Bea, VRI Vriocinia, TLB Topalu, etc.

BUIJ 07 15:46:50.3,24:54S:178:22W,h115km,mb4.9/18, mB5.3/12

IDC 07 15:46:59.9,1.7,25:165x177:96W,h218km,15km, mb4.1/18,mb1 4.3/19,mb1mx4.1/39,mbtmp4.7/19,Error ellipse: s-maj=14.4km s-min=12.8km az=86.0

NEIC 07 15:47:00.8,1.5,25:45S:177:95W,h235km,15km, mb5.3/16,Error ellipse: s-maj=13.8km s-min=10.6km az=133.0

ISCJB 07 15:47:01.1,0.3,25:57S:0:03:177:99W,0:08,h250km, mb4.5/33,Error ellipse: s-maj=9.7km s-min=3.7km az=111.9

ISC 07 15:47:02.7,0.4,25:54S:0:05:177:99W,0:09,h250km, n121.1,157/120,mb4.6/33,3C, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO Raoul Island, RAO Raoul Island, MSVF Nonsavu, OUZ Omahuta, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG Port Moresby, ASO1 Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG Comitan, ISCJB 07 16:00:25.9,0.8,30:48N:0:08:138:8E:0.3,h450km, etc.

MEX 07 15:51:37.9,0.3,14:33N:92:38W,h16km,64km,MD3.5, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURK, KKAR, BVAR, BRVK, NRK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HCRL, GRI, RESU, SSS, etc.

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

IDC 07 17:44:44.8:2.2, 1.61N:127.04E, h0km, mb3.5/3, m1 3.7/3, mb1mx3.4/37, mbtmp3.5/3, Error ellipse: s-maj=183.4km s-min=24.3km az=66.0, Halmahepa

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

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

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

IDC 07 17:45:12.9:0.6, 35.13N:141.31E, h0km, mb4.1/19, mb1 4.2/24, mb1mx4.1/47, mbtmp4.1/24, ML3.6/4, MS3.4/14, Ms1.3/4/14, ms1mx2.3/53, Error ellipse: s-maj=17.3km

ISCJB 07 17:28:10.2:0.4, 38.29N:0.03:15.24E:0.03, h144km, 3km, Error ellipse: s-maj=4.6km s-min=3.5km az=44.8

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

NEIC 07 17:45:15.0:0.4, 35.12N:141.35E, h10km, mb4.4/14, Error ellipse: s-maj=8.7km s-min=6.9km az=89.0

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

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

MOS 07 17:45:15.4:1.3, 35.17N:141.36E, h33km, mb4.4/17, Error ellipse: s-maj=15.1km s-min=7.5km az=104.1

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

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

JMA 07 17:45:16.1:0.2, 35.16N:141.30E, h24km, 3km, M3.2, ISC 07 17:45:16.9:0.5, 35.15N:141.29E:0.07, h27km, n82, c182875, mb4.2/37, MS3.5/9, 4C-3D, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TAR1, TAR1, SG1, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: SMG, Samos, Delta, Azimuth, Phase, ID, Time, Res. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Lists various stations and their coordinates.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res. Lists various stations and their coordinates.

IDC 07 18:39:07.4:1.6, 12'02N-86'77W, h0km, mb3.5/5, mb1 3.8/7, mb1mx3.6/35, mbtmp3.5/7, ML3.1/2, Error ellipse: s-maj=82.0km s-min=20.3km az=47.0

IDC 07 18:39:08.6:9.2, 11'35N-87'40W, h69km, 260km, MD4.5 ISCBJ 07 18:39:09.5:0.8, 11'39N-0:06:87'31W-0:06, h49km

IDC 07 19:01:43.0:1.8, 2674N-143'98E, h0km, mb3.8/3, Mb1 3.9/4, mb1mx3.4/37, mbtmp3.7/4, ML3.4/1, MS4.0/1, MS1 4.0/1, ms1mx2.7/39, Error ellipse: s-maj=49.0km s-min=27.8km az=71.0, Bonin Islands region

7d 19h

TOO	Toolangi	26.36 223	P	P	19 14 43.4 +1.6
STKA	Stevens Creek	26.55 238	P	P	19 14 45.3 +1.8
STKA	Stevens Creek	26.55 238	P	P	19 18 07.7 0.0
STKA	Stevens Creek	26.55 238	P	P	19 24 31.7
STKA	Stevens Creek	26.55 238	P	P	19 14 45.5 +2.0
QIS	Mount Isa	26.71 264	P	P	19 14 49.5 +4.4
MANU	Manus Island	26.96 309	eP	P	19 14 47.8 +0.5
ARPS	Mount Arapiles	28.40 228	P	P	19 15 01.6 +1.6
TAU	Tasmania Univ	28.80 213	eP	P	19 15 04.8 +1.4
HATT	Hallett	29.20 237	P	P	19 15 09.1 +1.9
RAR	Rarotonga	30.09 98	P	P	19 15 16.5 +1.3
BBOO	Buckleboo	31.29 239	P	P	19 15 26.7 +1.0
BBOO	Buckleboo	31.29 239	P	P	19 15 26.6 +0.9
BBOO	Buckleboo	31.29 239	P	P	19 15 37.6
WC3	Warramunga Arr	31.66 264	eP	P	19 15 28.9 -0.1
WRAB	Tennant Creek	31.68 264	eP	P	19 15 29.5 +0.2
WRAB	Tennant Creek	31.68 264	eP	P	19 15 29.3 0.0
WRAB	Tennant Creek	31.68 264	eP	P	19 15 29.1 -0.2
WRA	Warramunga Arr	31.69 264	P	P	19 18 21.0 +0.1
WRA	Warramunga Arr	31.69 264	P	P	19 20 36.2 -1.3
WRA	Warramunga Arr	31.69 264	P	P	19 28 12.3
ASAR	Alice Springs	31.91 257	P	P	19 15 30.9 -0.3
ASAR	Alice Springs	31.91 257	P	P	19 18 21.4 -0.1
ASAR	Alice Springs	31.91 257	P	P	19 27 30.0
ASAR	Alice Springs	31.91 257	P	P	19 15 35.3 +1.0
GENI	Genyem	32.26 299	P	P	19 16 08.0 +0.4
MTN	Manton Dam	36.09 276	P	P	19 16 07.4 -0.2
MTN	Manton Dam	36.09 276	eP	P	19 16 15.8 +0.3
WRKA	Warakurna	37.02 255	P	P	19 16 20.6 0.0
KNRA	Kununurra	37.62 270	P	P	19 16 20.6 0.0
FAKI	Fak Fak	38.85 291	P	P	19 16 30.4 -0.6
TBI	Tubuai	39.50 103	eS	S	19 22 38.5 +1.3
TBI	Tubuai	39.50 103	eS	S	19 25 51.8
TBI	Tubuai	39.50 103	eS	S	19 27 34.4
PAE	Paea	40.06 94	eP	P	19 16 41.8 +0.7
PPT2	Papeete	40.08 94	eP	P	19 16 42.1 +0.8
PPT2	Papeete	40.08 94	eP	P	19 22 48.6 +2.5
PPT2	Papeete	40.08 94	eP	P	19 26 05.9
PPT2	Papeete	40.08 94	eP	P	19 27 50.1
PPT	Papeete	40.08 94	eP	P	19 16 40.8 -0.4
PPT	Papeete	40.08 94	eP	P	19 29 49.8
PPT	Papeete	40.08 94	eP	P	19 16 40.1 -1.1
TJAR	Tiarei	40.30 94	eP	P	19 16 43.4 +0.3
CNO	Taravao	40.35 94	eP	P	19 17 15.1 +1.0
LBMI	Labuha	44.10 291	P	P	19 17 21.8 +2.1
SANI	Sanana	44.80 288	P	P	19 17 20.7 +1.1
SANI	Sanana	44.80 288	P	P	19 17 32.1 -0.3
KLBR	Kellerberrin	46.43 245	P	P	19 17 36.2 0.0
NWAO	Narrogin (SRO)	46.92 243	eP	P	19 17 47.2
NWAO	Narrogin (SRO)	46.92 243	eP	P	19 17 39.5 +0.3
BLDU	Ballidu	47.31 246	P	P	19 17 44.9 +1.0
MORW	Morawa	47.90 248	P	P	19 17 47.1 +1.3
LUWI	Luwuk	48.12 287	P	P	19 17 45.8 0.0
LUWI	Luwuk	48.12 287	P	P	19 18 05.2 0.0
TWSI	Taliwang, Sumb	50.67 275	P	P	19 18 13.4 -1.6
KHKI	Kahang-Kahang	51.98 275	P	P	19 25 47.9 +0.1
RKT	Rikitea	52.78 104	eS	S	19 33 29.5
RKT	Rikitea	52.78 104	eS	S	19 18 24.8 -0.2
JAGI	Jajag, Banyuwa	53.31 274	P	P	19 18 24.9 0.0
JAGI	Jajag, Banyuwa	53.31 274	P	P	19 18 24.4 -0.5
JAGI	Jajag, Banyuwa	53.31 274	eP	P	19 18 46.9 +1.1
PCJ	Pacitan	56.19 273	P	P	19 18 51.9 +1.0
UGM	Wanagama	56.89 274	P	P	19 18 54.5 +1.6
KKM	Kota Kinabalu	57.17 291	P	P	19 18 53.8 +0.9
KKM	Kota Kinabalu	57.17 291	eP	P	19 18 55.6 +0.2
VNDA	Vanda	57.69 182	P	P	19 18 58.0 +0.8
SBA	Scott Base	57.95 180	eP	P	19 19 09.2 -0.2
CISI	Cisompet, Garu	59.55 273	eP	P	19 19 19.0 +6.5
LEM	Lembang	59.97 274	P	P	19 19 14.5 +0.1
CNJI	Cibinong	60.27 273	P	P	19 19 16.8 +1.0
KSM	Kuching	60.48 284	P	P	19 19 16.4 +0.7
KSM	Kuching	60.48 284	eP	P	19 19 18.0 -0.1
CBJI	Citeko	60.82 274	P	P	19 19 24.6 -0.4
CGJI	Cibinong	61.84 273	P	P	19 19 37.5 +7.9
TWG	Pinlang	62.55 310	eP	P	19 19 31.7 +0.2
MJAR	Matsushiro Arr	62.88 333	eP	P	19 49 15.4
MJAR	Matsushiro Arr	62.88 333	eP	P	19 19 30.7 -0.8
MJAR	Matsushiro Arr	62.88 333	eP	P	19 19 31.1 -0.4
MJAR	Matsushiro Arr	62.88 333	eP	P	19 19 34.3 -0.6
JNU	Nakatsue	63.62 325	LR	LR	19 45 15.5
JNU	Nakatsue	63.62 325	eP	P	19 19 36.8 +0.3
LWLI	Liwa	63.90 274	P	P	19 19 36.7 -2.2
KSRs	Korea Array	68.49 327	P	P	19 20 08.7 +1.1
KSAR	Wonju Array Be	68.50 326	P	P	19 20 08.7 +1.0
BKNI	Bangkinang	68.60 278	P	P	19 20 07.8 -1.1
BKNI	Bangkinang	68.60 278	eP	P	19 20 09.1 +0.2
PDSI	Padang	68.69 277	P	P	19 20 07.1 -2.4
QIZ	Qiongzong	69.00 300	P	P	19 20 06.9 -4.3
QIZ	Qiongzong	69.00 300	P	P	19 20 12.2 -2.4
INCN	Inchon	69.19 326	eP	P	19 20 12.9 +0.9
NJ2	Nanjing	69.97 317	eP	P	19 20 16.0 -0.9

2011 JAN

NJ2	Nanjing	69.97 317	eP	P	19 20 16.0 -0.9
IPM	Iloilo	70.17 283	eP	P	19 20 17.9 -0.7
YSS	Yuzh-Sakhalins	70.41 342	eP	P	19 20 20.3 +1.0
YSS	Yuzh-Sakhalins	70.41 342	eP	P	19 20 20.7 +1.5
KULM	Kulm	70.83 283	eP	P	19 20 22.9 +0.3
MSHR	Mys Shuitosa	70.93 332	iP	P	19 20 23.1 +0.6
VLA	Vladivostok	71.05 333	iP	P	19 20 24.5 +1.3
VLA	Vladivostok	71.05 333	iP	P	19 20 34.8 -0.2
VLA	Vladivostok	71.05 333	iP	P	19 20 44.3
VLA	Vladivostok	71.05 333	iP	P	19 23 02.3
VLA	Vladivostok	71.05 333	iP	P	19 29 37.6 -0.1
PSI	Prapat	71.47 280	P	P	19 20 26.4 -0.3
PSI	Prapat	71.47 280	P	P	19 20 25.7 -1.0
USRK	Ussuriysk Arr	71.88 334	P	P	19 20 29.9 +1.7
USRK	Ussuriysk Arr	71.88 334	P	P	19 21 13.2
WHN	Wuhan	72.03 313	iP	P	19 20 30.1 +0.6
WHN	Wuhan	72.03 313	iP	P	19 20 43.1 +1.9
WHN	Wuhan	72.03 313	iP	P	19 21 37.6
GSI	Gunungsitoli	72.18 278	P	P	19 20 31.4 +0.7
GSI	Gunungsitoli	72.18 278	eP	P	19 20 31.5 +0.7
SKNT	Sakolnakorn	72.86 296	P	P	19 20 36.1 +1.4
MDJ	Mudanjiang	73.24 332	P	P	19 20 37.6 +1.2
MDJ	Mudanjiang	73.24 332	P	P	19 20 37.5 +1.1
MDJ	Mudanjiang	73.24 332	P	P	19 20 39.1 +1.9
TPTI	Tpetrovsk	73.31 353	P	P	19 20 37.4 +0.8
PETK	Petrovsk	73.31 353	P	P	19 45 24.1
PETK	Petrovsk	73.31 353	P	P	19 20 40.3 +1.5
KHON	Khomkaen	73.55 295	P	P	19 20 39.8 +0.2
TIA	Tai'an	73.76 319	iP	P	19 20 43.2 +2.0
TIA	Tai'an	73.76 319	iP	P	19 20 45.2 +4.7
NAYO	Nakayok	73.95 292	P	P	19 20 42.8 +1.0
TYV	Tymovskoe	73.98 344	eP	P	19 20 43.1 +1.2
TYV	Tymovskoe	73.98 344	eP	P	19 20 41.4 -0.7
NONG	Nongkai	74.07 296	P	P	19 20 41.5 +1.0
CHAI	Chaiyaphum	74.08 294	P	P	19 20 45.7 +0.7
HABR	Khabarovsk	74.24 338	eP	P	19 20 55.9
HABR	Khabarovsk	74.24 338	eP	P	19 25 13.0
HABR	Khabarovsk	74.24 338	eP	P	19 30 13.7 -0.3
HABR	Khabarovsk	74.24 338	eP	P	19 30 49.3
HABR	Khabarovsk	74.24 338	eP	P	19 35 00.9 +0.4
HABR	Khabarovsk	74.24 338	eP	P	19 20 42.2 -1.4
HABR	Khabarovsk	74.24 338	eP	P	19 20 44.5 +0.7
HABR	Khabarovsk	74.24 338	eP	P	19 20 58.6 +0.4
HABR	Khabarovsk	74.24 338	eP	P	19 21 05.7 +1.0
HABR	Khabarovsk	74.24 338	eP	P	19 20 50.4 +1.8
MLSI	Meulaboh, Aceh	74.35 281	eP	P	19 20 49.9 +1.3
CN2	Changchun	74.51 329	eP	P	19 20 48.9 +0.1
CN2	Changchun	74.51 329	eP	P	19 20 50.0 +0.8
CN2	Changchun	74.51 329	eP	P	19 21 06.8 +4.4
CN2	Changchun	74.51 329	eP	P	19 23 41.2 +2.8
CN2	Changchun	74.51 329	eP	P	19 30 24.0 -3.5
CN2	Changchun	74.51 329	eP	P	19 30 48.9 -8.5
PKBT	Sadao Pong	75.25 294	P	P	19 20 57.1 +1.5
PKBT	Sadao Pong	75.25 294	P	P	19 20 57.0 +1.6
ENSH	Enshi	75.29 310	eP	P	19 20 58.2 +1.7
GYA	Guiyang	75.34 306	P	P	19 20 55.7 +2.0
GYA	Guiyang	75.34 306	P	P	19 20 57.1 +1.5
GYA	Guiyang	75.34 306	P	P	19 20 57.0 +1.6
GYA	Guiyang	75.34 306	P	P	19 20 57.1 +1.5
GYA	Guiyang	75.34 306	P	P	19 20 57.0 +1.6
LOEI	Loei	75.41 295	P	P	19 20 58.2 +1.7
SRDT	SRDT	75.89 291	P	P	19 20 57.5 +0.4
SRDT	SRDT	75.89 291	P	P	19 20 57.6 +0.5
UTTA	Utтарид	76.12 295	P	P	19 21 02.0 +2.0
UTHA	Uthaltani	76.12 292	P	P	19 21 00.8 +1.0
NANT	Nan	76.47 296	P	P	19 21 03.6 +0.7
NKL	Nikolayevsk	76.57 343	iP	P	19 21 17.7 +3.0
NKL	Nikolayevsk	76.57 343	iP	P	19 21 27.7 +1.5
NKL	Nikolayevsk	76.57 343	iP	P	19 30 51.1 -2.9
NKL	Nikolayevsk	76.57 343	iP	P	19 31 17.0 +0.9
NKL	Nikolayevsk	76.57 343	iP	P	19 21 02.0 +2.0
PHRA	Phrae	76.73 295	P	P	19 21 00.8 +1.0
SUKH	Sukhothai	76.80 294	P	P	19 21 03.6 +0.7
SUKH	Sukhothai	76.80 294	P	P	19 21 17.7 +3.0
BJT	Baijiatuu	76.80 322	eP	P	19 21 27.7 +1.5
BJI	Beijing	76.81 322	eP	P	19 30 51.1 -2.9
BJI	Beijing	76.81 322	eP	P	19 31 17.0 +0.9
LAMP	Lampang	77.25 295	P	P	19 21 02.0 +2.0
MAW	Mawson	77.37 302	P	P	19 21 00.8 +1.0
KMI	Kunming	77.37 302	P	P	19 21 03.6 +0.7
KMI	Kunming	77.37 302	P	P	19 21 17.7 +3.0
KMI	Kunming	77.37 302	P	P	19 21 27.7

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like NEST, ANKY, VLI, GUR, KYTH, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other parameters. Includes stations like MWA, NEIC, ISC, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like RPZ, RAYN, RAYN, etc.

ISCJB 07 19:28:33.0, 4.53:48S:0:04:25:11E:0:10, h10km, m-b5/0/48, MS4/8/30, Error ellipse: s-maj=8.2km, min=6.2km az=176.4

MWA 1.22+02; MWA-0.18-06; Best double couple: M=1.67500x10^17, N1=1.299100000, 888.00000, lambda=12.00000

ISC 07 19:28:34.4, 0.53:55S:0:05:25:01E:0:06, h10km, n160, c=174/169, m-b5.1/43, MS4/8/30, SD South of Africa

Table with columns: SLA, comp, Az, El, IAML, Pn, Time, Res. Includes stations like AZAP Zapla, HJA Humahuaca, LVC Limon Verde, etc.

ISC/JB 07 20:29:34.0-0.7, 55.9S; 0.1-27.8W; 0.3, h121km, mb4.2/7, Error ellipse: s-maj=27.0km s-min=11.9km az=160.7

NEIC 07 20:29:35.4-4.3, 55.98S; 27.82W, h115km, 38km, mb4.1/2, Error ellipse: s-maj=23.1km s-min=13.7km az=69.0

ISC 07 20:29:36.3-0.7, 56.0S; 0.1-27.9W; 0.2, h121km, n18, <0.99/13, mb4.2/6, South Sandwich Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like VNA3 Neumayer Olymp, SNA3 Sanae, QSPA South Pole Qui, etc.

KRSC 07 20:37:19.9-1.3, 50.72N; 157.86E, h71km, 26km, ML3.9

MOS 07 20:37:20.7-0.8, 50.63N; 157.98E, h46km, mb4.1/1, Error ellipse: s-maj=26.0km s-min=7.7km az=82.7

ISC 07 20:37:21.5-3.4, 50.7N; 0.1-157.91E; 0.009, h30km, 22km, n25, <0.979/44, Kuril Islands

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like PAU Pauzhetka, SKR Severo-Kuril's, UGLR Uglovaya, etc.

Table with columns: SDR, Sedlovina, 2.68, 13, eP, Pn, Time, Res. Includes stations like SDR Sedlovina, KRX Arik, SPN Mys Shipunski, etc.

MEX 07 20:38:04.3-0.7, 14.55N; 92.37W, h72km, 10km, MD4.0, Near coast of Chiapas

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like THIG, PCIG, CCIG, etc.

IDC 07 20:38:51.6-1.1, 7.96S; 117.95E, h0km, mb3.8/6, mb1 3.9/8, mb1mx3.7/39, mbtmp3.8/8, ML4.0/3, MS3.7/3, Ms1 3.8/3, ms1mx3.0/43, Error ellipse: s-maj=39.1km s-min=16.2km az=64.0

NEIC 07 20:38:52.9-0.4, 8.00S; 117.91E, h10km, mb4.6/2, Error ellipse: s-maj=11.1km s-min=4.4km az=52.0

ISC/JB 07 20:38:54.3-0.3, 7.96S; 0.0-117.88E; 0.03, h33km, mb4.0/7, MS3.7/3, Error ellipse: s-maj=5.7km s-min=4.8km az=169.5

DJA 07 20:38:54.8-1.2, 8.1S; 3.3-11.9E, h18km, 16km, M4.4/20, mb4.4/20, mb4.2/20, mb4.6/17, ML4.4/20, Mw(m)4.2/20

ISC 07 20:38:56.3-0.7, 7.97S; 0.05-117.85E; 0.05, h35km, n40, <1.05/36, mb3.8/7, MS3.9/3, Bali Sea

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like TW5I Taliwang, WBSI Waikabang, KHKI Kahang-Kahang, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like KAP1 Kappang, BSI Bani, ABJI Asem Bagus, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like KRU Karangates, MMSI Mamuju, BBKI Banjar Baru, etc.

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

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, CTAR Chiang Mai Arr, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like USRK Ussuriysk Arr, USRK, SONM Songoing Array, etc.

ISC 07 20:39:05.4-1.3, 9.95N; 92.60E, h0km, mb3.5/5, mb1 3.6/6, mb1mx3.3/43, mbtmp3.4/6, ML3.5/1, Error ellipse: s-maj=47.9km s-min=21.0km az=71.0

ISC/JB 07 20:39:09.8-1.5, 10.1N; 0.1-92.9E; 0.3, h33km, mb3.5/5, Error ellipse: s-maj=40.9km s-min=16.9km az=170.0

ISC 07 20:39:11.4-1.4, 10.0N; 0.1-92.8E; 0.3, h35km, n10, <1.24/7, mb3.4/5, Andaman Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, H08S3 Diego Garcia H, H08S2 Diego Garcia H, etc.

ISC/JB 07 20:44:54.1-1.1, 51.52N; 0.05-16.05E; 0.05, h0km, Error ellipse: s-maj=7.3km s-min=4.3km az=21.7

CSEM 07 20:44:55.6-0.6, 51.50N; 16.07E, h2km, ML3.0/5, Error ellipse: s-maj=8.7km s-min=5.0km az=3.0

PRU 07 20:44:56.2, 51.50N; 16.07E, h0km

ISC 07 20:44:56.0-1.6, 51.51N; 0.08-16.00E; 0.04, h0km, n20, <0.584/0, Poland

Table with columns: UPC, Upeice, 1.00, 180, Pg, Pg, Time, Res. Includes stations like UPC Upeice, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like THIG, PCIG, CCIG, etc.

MORC Moravsky Berou, OKC Ostrava-Krasne, OKC Ostrava-Krasne

VKAC Vranov, KHC Kasperske Hory, KHC Kasperske Hory

BYKL 07 20:57:02.0-2.0, 51.78N; 105.145E, h24km, 3km

MOS 07 20:57:02.1-1.4, 51.87N; 105.46E, h10km, mb4.2/1, Error ellipse: s-maj=22.1km s-min=15.9km az=155.8

ISC 07 20:57:01.7-1.0, 51.81N; 103.1055E; 0.02, h15km, 8km, n28, <0.501/58, 4C, Lake Baykal region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like LSTR Listvyanka, LSTR Listvyanka, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like KAB Kabansk, KAB, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like IRK Irkutsk, IRK, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like HRMR Khuramsha, HRMR, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like TRG Tyrgan, TRG, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like TLY Talaya, TLY, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like ARS Arshan, ARS, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like ZRHB Zarechye, ZRHB, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like OGRR Ongureny, OGRR, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like ZAK Zakamensk, ZAK, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like MOY Mondy, MOY, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like UGC Uglich, UGC, etc.

7d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, FINES FINESS Array B, YKA Yellowknife Arr, and various stations in Colombia, Russia, and Chile.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SMTH Samothraki Isl, ALN Alexandroupoli, ALN Alexandroupoli, GELI Tayfur-Gelibol, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMA 07 21:51:02.1, NIED 07 21:51:00.29, JMA 07 21:51:03.0, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JNN Nakanoshima, JYAK Yakushimahirau, JKC Kuchinoerabu, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, FINES FINESS Array B, YKA Yellowknife Arr, and various stations in Colombia, Russia, and Chile.

ISC 07 22:08:34.7, 40.42N, 25.61E, h2km, MD3.0
ATH 07 22:08:34.9, 40.41N, 25.72E, h2km, 1km, MD3.1/11
THE 07 22:08:35.0, 40.39N, 25.67E, h10km, ML2.4/8, Error
ellipse: s-maj=1.1km s-min=0.7km az=1.0
ISCJB 07 22:08:35.7, 40.43N, 25.73E, h16km, 4km,
Error ellipse: s-maj=3.2km s-min=2.7km az=10.2
CSEM 07 22:08:35.2, 40.41N, 25.73E, h8km, MD3.1, Error
ellipse: s-maj=3.2km s-min=2.5km az=179.0
DDA 07 22:08:36.5, 40.36N, 25.93E, h9km, MD3.0
SOF 07 22:08:36.6, 40.44N, 25.62E, h10km
ISC 07 22:08:35.4, 40.43N, 25.75E, h16km, 5km,
n115, e0998/150, 1C-7D, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SMTH Samothraki Isl, ALN Alexandroupoli, ALN Alexandroupoli, GELI Tayfur-Gelibol, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LIA Limnos Island, LIA Limnos Island, LIA Limnos Island, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRBG Karabiga-Canak, KRBG Karabiga-Canak, SIGR SIGRI, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SMTH Samothraki Isl, SMTH Samothraki Isl, GELI Tayfur-Gelibol, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SOH Sokhos, SOH Sokhos, MMB Musumiste, KCTX Karacabey (Bur), KCTX Karacabey (Bur), KENTY Kentrikon, HORT Hortialis, CTYL Yalikoy Yolu, CTYL Yalikoy Yolu, AKS Akhisar, AKS Akhisar, MDNY Mudanya-Bursa, MDNY Mudanya-Bursa, MDNY Mudanya-Bursa, BGKT Bogazkoy, BGKT Bogazkoy, ORLT Orhanelli, ORLT Orhanelli, ISK Istanbul-Kandi, ISK Istanbul-Kandi, GRG Griva, GRG Griva, KLVY Kilyos, KLVY Kilyos, IZI Iznik, IZI Iznik, TVSB Tavsanli, TVSB Tavsanli, CFR Carcaliu, CFR Carcaliu, CFR Carcaliu, CFR Carcaliu, MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, MDVR Moldovita, MDVR Moldovita, MDVR Moldovita, GZR Gura Zlata, GZR Gura Zlata, BZS Buzias, BZS Buzias, BZS Buzias.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUC 07 22:09:37.0, LVC Limon Verde, PB01 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P, PB06 IPOC Station P, PB06 Humberstone, HMCB Humberstone.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKHS Akhisar, AKHS Akhisar, AKHS Akhisar, DEMI Demirci, DEMI Demirci, DEMI Demirci, MANT Manisa, MANT Manisa, MANT Manisa, BALT Balya, BALT Balya, BALT Balya, AYDN Tasuluk, AYDN Tasuluk.

ISCJB 07 22:17:30.7, 40.39N, 25.77E, h10km, 4km,
Error ellipse: s-maj=4.1km s-min=3.5km az=136.7
CSEM 07 22:17:30.7, 40.38N, 25.76E, h10km, ML2.1, Error
ellipse: s-maj=2.3km s-min=1.9km az=138.0
ISK 07 22:17:30.5, 40.38N, 25.80E, h11km, MD2.9
THE 07 22:17:31.0, 40.38N, 25.74E, h13km, 1km, ML2.1/6, Error
ellipse: s-maj=1.9km s-min=0.9km az=302.0
DDA 07 22:17:32.2, 40.37N, 25.92E, h7km, MD2.8
ISC 07 22:17:30.9, 40.39N, 25.77E, h13km, 8km,
n44, e0936/66, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SMTH Samothraki Isl, SMTH Samothraki Isl, GELI Tayfur-Gelibol, and others.

Table with columns: Wra, ID, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, Alice Springs, ASAR, CMAR, CHTO, STKA, USRK, LSA, ULN, SONM, MKAR, ZALV, KURBB, KURK, BVAR, AKU, ILAR, TORDD.

ISC 07 23:05:27.5, 39.89N, 140.82E, h5km, MD2.7
ISC/CB 07 23:05:28.0, 0.6, 39.90N, 140.81E, 0.03, 0.03, h5km, 6km,
Error ellipse: s-maj=5.2km s-min=3.8km az=162.7
CSEM 07 23:05:28.1, 0.2, 39.92N, 140.79E, h8km, MD2.7
DDA 07 23:05:28.2, 39.89N, 140.79E, h7km, MD2.7
ISC 07 23:05:27.9, 1.0, 39.89N, 140.78E, 0.02, 0.02, h9km, 9km,
n29, e157/46, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KOPT, ECAT, EZM, ERZM, HOMI, BNGB, BINT, GUMT, KELT, TNCL, DDEM, DDEA, EATA, DBAD, PTK, DAGI, SVAN, ESPY.

KRSC 07 23:11:48.6, 0.6, 53.63N, 160.70E, h34km, 13km, ML3.7,
Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SPN, KIL, NLC, SDR, SMAR, UGLR, AVH, KRX, KOK, PET, GNC, ZLN, ESO, KRSR, KLY, KBTR, BDR, SMKR, SRKR.

IDC 07 23:13:03.0, 0.4, 20.01S, 173.62W, h0km, mb5, 0/28,
mb1.5/130, mb1mx5/0/42, mbtmp5/0/30, ML4/72, MS5, 1/30,
Mb1.5/130, ms1mx5/0/36, Error ellipse: s-maj=15.3km
s-min=12.2km az=146.0
ISC/CB 07 23:13:04.1, 0.1, 20.07S, 173.63W, 0.03, h10km,
mb5, 3/235, MS5, 3/51, Error ellipse: s-maj=6.1km
s-min=3.1km az=159.9
BUJ 07 23:13:05.5, 19.90S, 173.70W, h10km, mb5, 3/50,
mb5, 9/42, Ms5, 5/45, Ms7, 5, 1/43
GCMT 07 23:13:06.2, 0.1, 20.10S, 173.06W, h12km, MW5, 5/121,
Moment Tensor Solution, s88, c145, s121, c238,
Duration: 153 Moment tensor, Scale: 1017Nm,
Mn=1.50e-02, Mo=0.05e-02, Mxx=1.45e-02, Myy=0.63e-05,
Mzz=0.53e-01, Mxy=0.69e-05, Best double couple:
M1: 821000 x 10^17 Np1: 31.000000, s60.000000,
lambda1: 0.000000, NP2: 31.186.000000, s32.000000, lambda2: 0.000000,
Principal axes: T: 1.7960, P1: 7.0000, Azm: 331.0000,
N: 0.0500, P1: 11.0000, Azm: 204.0000, P: -1.8450,
P1: 15.0000, Azm: 111.0000, nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface waves, cutoff=50s,
NEIC 07 23:13:06.2, 0.2, 19.90S, 173.75W, h10km, mb5, 4/173
Error ellipse: s-maj=7.6km s-min=4.2km az=144.0
MOS 07 23:13:10.3, 2.0, 19.58S, 173.43W, h33km, mb5, 4/50,

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MS5, AF1, AF2, MSVF, RAR, DZM, OUZ, URZ, BKZ, TBI, PAE, PPT2, PPT1, PPT, TIAR, THO, KHZ, PMOR, LTZ, OXZ, RPZ, RPZ, FOZ, HNR, WHZ, ARMA, RKT, CAN, CTAO, PMG, PMG, PMG, PMG, PMG, TOO, COEN, STKA, STKA, MANU, KIP, KIP, BENO, ASO1, ASAR, ASAR, WRAB, WRAB, WRAB, WRA, WRA, WRA, MTN, KAMU, SAIPI, MWPI, FAKI, FAKI, BNDI, SIJU, SIJU, SWI, FITZ, MSAI, SBA, SBA, SBA, VANDA, VANDA.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VANDA, VANDA, KRAI, AAI, NLAJ, SOEI, SOEI, LBMI, TNTI, TNTI, SANI, NWAO, MMRI, MMRI, JCJ, BBSI, BASI, LUWI, LUWI, MRSI, SPSI, TTSI, PCI, KBKI, JAGI, MYLDM, MYLDM, BBKI, INU, INU, MJAR, MAJO, MAT, SDKM, KKM, SCIZ, PBKI, PKM, JUNU, JUNU, ASAJ, ASAJ, LPIG, MURC, BFSC, VES, STKI, MONP, KMRM, IBP, EDW2, SBUM, SBUM, SBUM, ISA, PFO, PFO, PFO, SWSC, LRMC, OHCM, AFDM, ORV, ORV, CISI, YULB, WDC, WDC, BELC, BELC, CWC, NACB, NO2D, BC3, PEAO, PETK, PETK, GSC, MPMC, HEC, DAC, DAC, DAC, SMC2, SMC2, L02D, TPUB, YHNB, YHNB, YBH, YBH.

Table with columns: Station Name, Station Name, Az, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SULR, KHC, Kasperke Hory, etc.

ISC/JB 07 23:21:20.9,0.4, 12.90N,0.06E,143.24E,0.06, h150km, mb4.1/28, Error ellipse: s-maj=9.1km s-min=8.6km az=164.7

NEIC 07 23:21:22.1,0.9, 12.91N,143.21E, h143km,km, mb4.4/3, Error ellipse: s-maj=10.6km s-min=7.3km az=73.0

IDC 07 23:21:22.2,1.1, 12.93N,143.25E, h143km,10km, mb4.0/25, mb1.4/0.26, mb1mx3.9/56, mbtmp4.4/26, Error ellipse: s-maj=14.9km s-min=9.9km az=72.0

ISC 07 23:21:22.7,0.5, 12.94N,0.08E,143.24E,0.08, h150km, n44, +085/40, mb4.3/28, South of Mariana Islands

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

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

DHMR 07 23:23:24.9,1.1, 12.12N,44.04E, h11km,13km, ML3.5, Western Arabian Peninsula

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

MEX 07 23:23:39.1,0.4, 14.47N,92.61W, h15km, MD3.5, Near coast of Chiapas

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

CSEM 07 23:31:34.9,0.4, 61.10N,15.34E, h2km, Error ellipse: s-maj=12.2km s-min=8.1km az=146.0

LJU 07 23:31:36.0, 46.00N,15.29E, h5km, ML0.0, 2D, Northwestern Arabian Peninsula

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

JMA 07 23:34:08.0,0.2, 43.16N,131.149E, h633km, M5.2, NEIC 07 23:34:10.9,0.2, 43.01N,131.04E, h553km, km, mb4.8/113, Error ellipse: s-maj=3.9km s-min=2.7km az=160.0

SKHL 07 23:34:10.9,0.5, 43.09N,131.19E, h555km,5km, mb5.4/12, msh5.1/3

MOS 07 23:34:10.0,0.8, 43.08N,131.10E, h561km, mb4.8/66, Error ellipse: s-maj=7.9km s-min=4.8km az=114.2

ISC/JB 07 23:34:10.0,0.1, 43.03N,131.06E,0.02, h552km, km, mb4.8/214, Error ellipse: s-maj=2.9km s-min=2.2km az=168.1

BJJ 07 23:34:10.0, 43.22N,131.10E, h560km, mb5.2/67, mb5.0/40

IDC 07 23:34:11.4,0.5, 43.07N,131.02E, h560km,5km, mb4.2/39, mb1.4/344, mb1mx4.3/53, mbtmp5.1/44, Error ellipse: s-maj=6.9km s-min=6.4km az=171.0

ISC 07 23:34:10.6,0.3, 43.03N,131.04E, h555km,3km, h554km, pP-P, n1013, +f195/1130, mb4.8/220, 31C-47D, Priamurye-Northeastern China border region

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

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

2011 JAN

Table with columns: BR/L, Station Name, Frequency, Power, and other technical details. Includes stations like BR/L Bradley Lake, COLA College, COLA College, etc.

Table with columns: GOF, Station Name, Frequency, Power, and other technical details. Includes stations like GOF comp=Z,70nm,1.0s, NCK Naichik, DGRG David-gareji, etc.

Table with columns: MUD, Station Name, Frequency, Power, and other technical details. Includes stations like MUD Monsted U'grnd, MUD Monsted U'grnd, OJC Ojcow, etc.

NSHM	Saint Helena R	74.88	51	eP	P	23 44 56.3 +1.5
OHCM	Honcut	74.95	50	eP	P	23 44 55.9 +0.7
LRM	Limekiln Ridge	75.04	40	eP	P	23 44 57.2 +1.3
CRNS	Crni Vrh	75.09	320	iP	P	23 44 55.2 -0.8
MFID	Camas Ranch	75.12	44	eP	P	23 44 57.8 +1.5
STKA	Stephens Creek	75.15	171	eP	P	23 44 57.2 +0.9
PDG	Podgorica	75.26	315	iP	P	23 44 57.2 +0.3
DLMT	Dillon	75.31	41	eP	P	23 44 58.8 +1.4
ABTA	comp=Z,6.7nm,0.8s Abfattersbach	75.41	321	iP	P	23 44 57.1 -0.6
BOZ	Bozeman (W)	75.56	40	P	P	23 45 00.0 +1.3
BOZ	Bozeman (W)	75.56	40	eP	P	23 44 59.9 +1.2
MCMT	McKenzie Canyo	75.58	41	eP	P	23 44 60.0 +1.0
HLID	Hailey	75.73	43	eP	P	23 45 01.3 +1.6
HLID	comp=Z,26nm,0.9s Hailey	75.73	43	eP	P	23 45 01.4 +1.6
BFO	Black Forest	76.05	325	iP	P	23 45 02.0 +0.8
DAVA	Damuels	76.16	323	iP	P	23 45 02.3 +0.1
QLMT	comp=Z,1.3nm,0.8s,SNR=7.7 Earths Lk	76.26	41	eP	P	23 45 03.8 +1.1
GCMT	Greycliff	76.37	39	eP	P	23 45 04.4 +1.2
BMN	comp=Z,28nm,0.9s Battle Mountain	76.52	47	eP	P	23 45 05.6 +1.5
DGMT	Dagmar	76.70	34	eP	P	23 45 05.4 +0.7
A25A	Svngastu Ranch	76.77	33	P	P	23 45 05.8 +0.6
YFT	Old Faithful	76.82	40	eP	P	23 45 08.4 +2.6
LKWY	Lake	76.94	40	eP	P	23 45 09.1 +2.6
H17A	Grant Village	76.99	40	P	P	23 45 09.2 +2.4
H17A	Grant Village	76.99	40	eP	P	23 45 09.3 +2.6
RLMT	Red Lodge	77.06	39	P	P	23 45 08.1 +1.1
RLMT	Red Lodge	77.06	39	eP	P	23 45 07.9 +0.9
IMW	Indian Meadow	77.19	41	eP	P	23 45 09.2 +1.4
A26A	Wade Farm, Ken	77.23	33	P	P	23 45 08.2 +0.5
B25A	Knox Farm, Ray	77.28	34	P	P	23 45 08.8 +0.9
ELK	Elko	77.35	46	P	P	23 45 09.1 +0.3
NVAR	comp=Z,1.1nm,0.9s,SNR=3.7 Mina Array Bay	77.36	49	P	P	23 45 10.3 +1.5
MOOW	comp=Z,1.1nm,0.7s,SNR=5.1,SNR=262 Moose Ponds	77.39	41	eP	P	23 45 10.2 +1.3
A27A	Ledoux Ranch,	77.50	32	P	P	23 45 10.0 +0.9
LOHW	Long Hollow	77.56	41	eP	P	23 45 11.0 +1.1
MLAC	Mammoth, Mammo	77.63	50	P	P	23 45 12.1 +1.8
REDW	Red Top Meadow	77.63	41	eP	P	23 45 11.5 +1.3
C25A	Freud Ranch, W	77.68	34	P	P	23 45 11.3 +1.1
HVU	Hansel Valley	77.86	43	eP	P	23 45 12.2 +0.9
A28A	Rude Farm, Bot	77.92	32	P	P	23 45 12.3 +1.0
B27A	Peters Farms,	77.94	33	P	P	23 45 12.3 +0.9
AHID	Auburn Hatcher	77.96	42	eP	P	23 45 12.8 +0.9
C26A	Wahner Farm, P	78.07	33	P	P	23 45 12.8 +0.6
D25A	Fairfield	78.10	35	P	P	23 45 13.6 +1.2
B28A	Dugan Ranch, T	78.25	32	P	P	23 45 13.9 +0.8
A29A	Manning Farm,	78.30	31	P	P	23 45 13.7 +0.2
RCTC	Rector, Farmer	78.33	51	P	P	23 45 14.9 +1.1
BGU	Big Grassy Mou	78.36	44	eP	P	23 45 15.4 +1.3
TIN	Tinemaha, Big	78.38	50	P	P	23 45 15.5 +1.4
C27A	Saylor Ranch,	78.40	33	P	P	23 45 14.7 +0.7
ULM	Lac du Bonnet	78.44	29	P	P	23 45 13.8 -0.2
D26A	Manning	78.56	34	P	P	23 45 15.5 +0.6
E25A	Miller Ranch,	78.58	35	P	P	23 45 15.7 +0.7
SMMC	Simmler	78.60	52	P	P	23 45 16.4 +1.1
B29A	Wagelman Farm,	78.63	32	P	P	23 45 15.4 +0.2
A30A	Hoffart Farm,	78.64	31	P	P	23 45 15.4 +0.2
BW06	Boulder Array	78.70	41	P	P	23 45 16.6 +0.7
BW06	Boulder Array	78.70	41	eP	P	23 45 16.5 +0.6
PDAR	Pinedale Array	78.70	41	P	P	23 45 16.4 +0.5
VES	Vestal, Richgr	78.75	51	P	P	23 45 16.6 +0.6
C28A	Hausauer Farms	78.84	33	P	P	23 45 17.0 +0.7
D27A	Center	78.87	34	P	P	23 45 17.6 +1.1
GRAC	Grapevine Rang	78.90	49	P	P	23 45 18.4 +1.6
CWC	Cottonwood Cre	78.90	50	P	P	23 45 17.6 +0.6
R11A	Troy Canyon, C	78.90	47	P	P	23 45 18.3 +1.2
R11A	Troy Canyon, C	78.90	47	eP	P	23 45 18.1 +1.1
LPL	La Plagne	78.93	324	eP	P	23 45 16.2 -0.9
LPG	comp=Z,12nm,0.6s La Plagne	78.94	324	eP	P	23 45 16.3 -0.9
E26A	Carlson Angus	79.00	35	P	P	23 45 17.7 +0.5
DUG	Dugway, Tooele	79.01	45	P	P	23 45 18.7 +1.2
DUG	Dugway, Tooele	79.01	45	eP	P	23 45 18.6 +1.0
F25A	Bowman	79.02	35	P	P	23 45 18.2 +0.8
B30A	Myrvik Farm, E	79.03	31	P	P	23 45 17.3 0.0
MDND	Madlock	79.04	32	P	P	23 45 17.8 +0.5
D28A	Regan	79.19	33	P	P	23 45 18.5 +0.4
DAC	Darwin (Calif)	79.29	50	eP	P	23 45 20.0 +0.9
A32A	Rocking H Ranch	79.33	30	P	P	23 45 18.8 0.0
AVF	Avril sur Loir	79.33	326	eP	P	23 45 17.8 -1.1
SBC	Santa Barbara	79.38	53	P	P	23 45 20.7 +1.3
E27A	Carson	79.40	34	P	P	23 45 19.9 +0.6
ARVC	Arvin	79.41	52	P	P	23 45 20.3 +0.8
F26A	Lodgepole	79.41	35	P	P	23 45 20.1 +0.7
MPMC	Manual Prospec	79.50	50	P	P	23 45 21.5 +1.3
TPNV	Topopah Spring	79.55	49	P	P	23 45 21.6 +1.1
FURC	Furnace Creek,	79.56	49	P	P	23 45 21.6 +1.3
NLU	North Lily Min	79.57	44	eP	P	23 45 21.9 +1.3
C30A	Mose, Pekin	79.59	32	P	P	23 45 20.0 -0.3

G25A	Newell	79.61	36	P	P	23 45 21.2 +0.7
E28A	Huff	79.64	33	P	P	23 45 21.1 +0.5
F27A	Leon	79.66	35	P	P	23 45 21.1 +0.3
D29A	Pettibone, Tap	79.69	33	P	P	23 45 20.9 +0.1
A33A	Warroad	79.71	29	P	P	23 45 20.6 -0.3
SC2Z	Santa Cruz Isl	79.75	53	P	P	23 45 22.0 +0.7
B32A	Ashtu Strandg	79.75	30	P	P	23 45 20.9 -0.1
C31A	Landman Farms,	79.80	31	P	P	23 45 21.1 -0.3
LRMC	Laurel Mtn Rad	79.81	51	P	P	23 45 22.7 +0.9
OSI	Osito Audit: C	79.83	52	P	P	23 45 23.2 +1.4
G26A	Maurine	79.88	35	P	P	23 45 21.9 0.0
D30A	Buchanan	79.92	32	P	P	23 45 22.1 -0.1
H25A	Fruitdale	79.96	36	P	P	23 45 22.8 +0.3
BLG	Laguna Peak, P	80.00	52	P	P	23 45 22.9 +0.3
EDW2	Edwards Air Fo	80.07	51	P	P	23 45 24.2 +1.2
E29A	Napoleon	80.07	33	P	P	23 45 22.7 -0.2
AGMN	Agassiz Nation	80.08	30	P	P	23 45 22.5 0.0
AGMN	Agassiz Nation	80.08	30	eP	P	23 45 22.2 -0.5
G27A	Dupree	80.10	35	P	P	23 45 23.0 0.0
F28A	McLaughlin	80.19	34	P	P	23 45 23.9 +0.5
RSSD	Black Hills	80.19	37	P	P	23 45 24.4 +0.6
RSSD	Black Hills	80.19	37	eP	P	23 45 24.4 +0.6
B33A	Robert and Kas	80.20	30	P	P	23 45 23.5 +0.1
TCF	Touix Ste Croi	80.20	327	eP	P	23 45 22.5 -1.0
K22A	Casper	80.22	39	P	P	23 45 24.0 +0.1
K22A	Casper	80.22	39	eP	P	23 45 24.2 +0.3
SHOC	Shoshone, Teco	80.30	50	P	P	23 45 25.3 +1.1
DECC	Green Verdugo	80.32	52	P	P	23 45 25.1 +0.7
H26A	Fairpoint	80.35	36	P	P	23 45 24.4 +0.1
B34A	Aery, Baudette	80.35	29	P	P	23 45 23.7 -0.5
I25A	Richford	80.41	37	P	P	23 45 25.0 +0.2
E30A	Jud	80.41	32	P	P	23 45 24.8 +0.2
GSC	Goldstone, B	80.44	50	P	P	23 45 26.1 +1.1
SHPR	Sheep Range	80.48	48	eP	P	23 45 26.5 +1.2
TMUT	Trail Mountain	80.50	44	eP	P	23 45 26.6 +1.1
C33A	Trail	80.56	30	P	P	23 45 25.1 -0.2
MSU	Marysval	80.59	45	eP	P	23 45 27.7 +1.8
F29A	Eureka	80.59	33	P	P	23 45 26.0 +0.5
RRX	Edison Barstow	80.63	51	P	P	23 45 27.2 +1.3
H27A	Hoves	80.64	35	P	P	23 45 26.0 +0.2
BFSO	Mount Baldy Ra	80.72	52	P	P	23 45 26.9 +0.4
E31A	Nome	80.77	32	P	P	23 45 26.4 0.0
G28A	Parade	80.77	34	P	P	23 45 27.1 +0.6
I26A	New Underwood	80.78	36	P	P	23 45 27.7 +1.1
B35A	Bob, Littlefor	80.78	28	P	P	23 45 26.0 -0.4
TUQ	Turquoise Moun	80.83	50	P	P	23 45 28.4 +1.3
MFF	Saint Martin d	80.87	328	eP	P	23 45 26.8 -0.1
J25A	Sunshine Ranch	80.88	37	P	P	23 45 27.7 +0.5
CIS	Catalina Islan	80.88	53	P	P	23 45 27.9 +0.6
C34A	RK Ranch, Bem	80.97	30	P	P	23 45 27.2 -0.2
SRU	San Rafael Swe	80.99	44	eP	P	23 45 28.8 +0.8
HEC	Hector, Ludlow	81.05	50	P	P	23 45 29.3 +1.1
H28A	Mission Ridge	81.05	35	P	P	23 45 28.6 +0.7
D33A	AnnSmm, Waubun	81.06	30	P	P	23 45 27.7 -0.2
G29A	Hoven	81.08	34	P	P	23 45 28.4 +0.3
I27A	Quinn	81.11	36	P	P	23 45 29.2 +0.9
SC12	San Clemente I	81.13	53	P	P	23 45 29.1 +0.7
BBRC	Big Bear Solar	81.12	51	P	P	23 45 29.6 +0.8
F31A	Hecla	81.20	32	P	P	23 45 28.6 0.0
C35A	Jirik Farms, M	81.26	29	P	P	23 45 28.7 -0.2
J26A	Sid Ranch, S	81.26	37	P	P	23 45 30.3 +1.2
SCHO	Schefferville	81.31	10	P	P	23 45 29.4 +0.4
D34A	Park Rapids	81.34	30	P	P	23 45 29.3 -0.1
O20A	White River Ci	81.35	42	P	P	23 45 30.1 +0.4
O20A	White River Ci	81.35	42	eP	P	23 45 30.6 +0.8
CAF	Calviac	81.37	326	eP	P	23 45 29.2 -0.4
H29A	Onida	81.42	34	P	P	23 45 30.1 +0.2
MURC	Murrieta	81.44	52	P	P	23 45 30.6 +0.5
G30A	Faulkton	81.45	33	P	P	23 45 30.2 +0.2
GMRC	Granite Mounta	81.46	50	P	P	23 45 31.8 +1.4
E33A	Westby DABS, E	81.53	31	P	P	23 45 30.3 0.0
I28A	Mildland	81.53	35	P	P	23 45 30.9 +0.5
C36A	Pine Crest Far	81.61	28	P	P	23 45 30.4 -0.3
F32A	Vetlen	81.63	32	P	P	23 45 30.8 0.0
G31A	Conde	81.74	33	P	P	23 45 31.8 +0.4
D35A	Remer	81.76	29	P	P	23 45 31.3 -0.2
PHVY	Pilot Hill	81.77	39	eP	P	23 45 32.7 +0.7
J27A	Elkhorn Farm,	81.78	36	P	P	23 45 33.1 +1.4
E34A	Wadena	81.83	30	P	P	23 45 31.6 -0.3
BELC	Belle Mtn. Jos	81.84	51	P	P	23 45 33.0 +0.7
C37A	Emmrrass	81.86	28	P	P	23 45 31.4 -0.6
PFO	Pinyon Flats O	81.86	51	P	P	23 45 33.0 +0.6
PFO	Pinyon Flats O	81.86	51	P	P	23 45 33.1 +0.7

PFO	Pinyon Flats O	81.86	51	eP	P	23 45 33.1 +0.7
N23A	Red Feather La	81.86	40	P	P	23 45 33.7 +1.2
I29A	Vivian Onida	81.88	35	P	P	23 45 32.6 +0.5
LFF	La Freestone	81.90	327	eP	P	23 45 32.6 +0.4
EYMN	Ely	81.91	27	P	P	23 45 32.0 -0.2
EYMN	comp=Z,9.7nm,0.5s Ely	81.91	27	eP	P	23 45 31.9 -0.3
J28A	Allard Ranch,	81.97	36	P	P	23 45 33.4 +0.7
F33A	5 Mile Ranch,	81.98	31	P	P	23 45 32.7 +0.1
D36A	Goodland	81.99	29	P	P	23 45 32.2 -0.5
G32A	Webster	82.00	32			

K34A	Le Mars	84.70	33	P	P	23 45 46.2	-0.1
O29A	4D Ranch, Culb	84.84	37	P	P	23 45 47.3	+0.3
J36A	Seneca 1, Swea	84.84	32	P	P	23 45 47.0	+0.1
P28A	Saint Francis	84.86	38	P	P	23 45 47.8	+0.6
KSCO	Kaye Shedlock	84.91	39	P	P	23 45 48.2	+0.7
KSCO	Kaye Shedlock	84.91	39	eP	P	23 45 48.6	+1.2
BGNE	Belgrade	84.93	35	P	P	23 45 48.0	+0.6
I38A	Scanlan Farm,	84.99	30	P	P	23 45 47.5	-0.1
K35A	Storm Lake	85.01	32	P	P	23 45 47.8	+0.1
N31A	Bailey Ranch,	85.07	36	P	P	23 45 48.5	+0.4
O30A	MW Ranch, Wils	85.12	37	P	P	23 45 48.8	+0.4
214A	Organ Pipe Nat	85.15	50	P	P	23 45 49.7	+1.1
214A	Organ Pipe Nat	85.15	50	eP	P	23 45 49.7	+1.1
J37A	Redenius Farm,	85.16	31	P	P	23 45 48.9	+0.4
M33A	Taylor Creek F	85.19	34	P	P	23 45 49.1	+0.4
L34A	Svensden Farm,	85.19	34	P	P	23 45 49.5	+0.8
P29A	Atwood	85.20	38	P	P	23 45 49.2	+0.4
Q28A	Sharon Springs	85.23	39	P	P	23 45 49.5	+0.5
KEST	Kesra	85.37	316	P	P	23 45 49.5	-0.2
K36A	Gilmore City	85.39	32	P	P	23 45 49.9	+0.3
L35A	Bielow Farm, R	85.41	33	P	P	23 45 49.8	+0.2
O31A	Woolen Ranch,	85.46	36	P	P	23 45 49.8	-0.2
M34A	Aspy Farms, Fr	85.50	34	P	P	23 45 50.6	+0.4
J38A	Wedel Dairy, R	85.56	30	P	P	23 45 50.5	+0.2
P30A	Selden	85.56	37	P	P	23 45 51.0	+0.6
T25A	Trinidad	85.56	41	P	P	23 45 51.5	+0.8
K37A	Belmond	85.59	31	P	P	23 45 50.5	-0.1
Q29A	Oakley	85.76	38	P	P	23 45 51.9	+0.4
L36A	Harm Buss Farm	85.76	32	P	P	23 45 51.8	+0.4
R28A	Tribune	85.82	39	P	P	23 45 52.4	+0.5
M35A	Neola	85.89	33	P	P	23 45 52.7	+0.7
P31A	Stockton	85.96	37	P	P	23 45 52.8	+0.4
TUC	Tucson	86.01	49	P	P	23 45 54.0	+1.2
K38A	Parkersburg	86.02	31	P	P	23 45 52.6	0.0
Q30A	Quinter	86.03	38	P	P	23 45 53.3	+0.6
R29A	Marienthal	86.07	39	P	P	23 45 53.5	+0.5
N34A	Lincoln	86.09	34	P	P	23 45 53.3	+0.3
L37A	Phoenix Point,	86.10	32	P	P	23 45 53.2	+0.3
P32A	Hutting Farm,	86.21	36	P	P	23 45 53.8	+0.2
M36A	Felix, Anita	86.26	33	P	P	23 45 54.1	+0.4
ANMO	Albuquerque	86.27	44	eP	P	23 45 56.2	+2.1
ANMO	Albuquerque	86.27	44	P	pmx	23 45 55.3	+1.2
O33A	Hebron	86.27	35	P	P	23 45 53.7	-0.2
Q31A	Ellis	86.38	37	P	P	23 45 54.4	+0.1
CBK5	Cedar Bluff	86.38	37	P	P	23 45 54.7	+0.3
CBK5	Cedar Bluff	86.38	37	eP	P	23 45 54.8	+0.3
L38A	Oak Wood Farm,	86.39	31	P	P	23 45 54.3	0.0
S28A	Manter	86.39	40	P	P	23 45 55.3	+0.8
N35A	Tabor	86.42	34	P	P	23 45 56.1	+1.6
O34A	Beatrice	86.56	35	P	P	23 45 55.5	+0.3
R30A	Dighton	86.57	38	P	P	23 45 55.8	+0.4
M37A	Trindle Farm,	86.59	32	P	P	23 45 56.1	+0.8
JFWS	Jewell Farm	86.72	29	eP	P	23 45 55.7	-0.2
S29A	Ulysses	86.73	39	P	P	23 45 56.6	+0.5
N36A	Muff Farm, Cla	86.73	33	P	P	23 45 56.8	+0.8
Q32A	Mettler Ranch,	86.75	37	P	P	23 45 56.6	+0.4
P33A	Williams Farm,	86.76	36	P	P	23 45 56.5	+0.3
O35A	Humboldt	86.81	34	P	P	23 45 56.7	+0.3
R31A	Burdett	86.91	38	P	P	23 45 56.9	+0.1
M38A	Pleasantville	86.92	32	P	P	23 45 57.4	+0.6
S30A	Montezuma	87.01	39	P	P	23 45 58.1	+0.7
T29A	Hugoton	87.02	39	P	P	23 45 58.0	+0.5
P34A	Walnut Farm, R	87.03	35	P	P	23 45 58.0	+0.6
Q33A	Connely Farm,	87.06	36	P	P	23 45 58.0	+0.5
N37A	Lee Faris, Mou	87.08	33	P	P	23 45 58.2	+0.5
R32A	Long Quarter,	87.16	37	P	P	23 45 58.5	+0.4
O36A	Bolckow	87.31	34	P	P	23 45 59.5	+0.8
P35A	Duane Minner,	87.39	35	P	P	23 45 59.6	+0.6
N38A	Joes South For	87.44	32	P	P	23 45 59.7	+0.4
121A	Cookes Peak, D	87.46	46	P	P	23 46 01.0	+1.3
S31A	Mullinville	87.47	38	P	P	23 46 00.2	+0.7
KSU1	Kansas State U	87.50	35	P	P	23 45 59.9	+0.3
KSU1	Kansas State U	87.50	35	eP	P	23 46 00.4	+0.8
Q34A	Chapin	87.51	36	P	P	23 46 00.5	+0.8
R33A	Olander Ranch,	87.57	37	P	P	23 46 00.5	+0.6
U29A	Oasis Ranch, S	87.61	40	P	P	23 46 00.7	+0.4
O37A	Wolven Farm, M	87.61	33	P	P	23 46 00.8	+0.7
P36A	Good Intent, A	87.65	34	P	P	23 46 01.0	+0.7
N39A	Derby Farms, D	87.65	32	P	P	23 46 00.8	+0.5
S32A	Newby Ranch, P	87.65	38	P	P	23 46 01.1	+0.7
T31A	Randall Ranch,	87.82	38	P	P	23 46 02.0	+0.8
U30A	WK&E Inc. Balk	87.83	39	P	P	23 46 02.4	+1.2
R34A	Isabella, Hill	87.90	36	P	P	23 46 02.5	+1.1

O38A	Galt	87.92	33	P	P	23 46 02.2	+0.7
Q35A	Mercer Eighty,	87.95	35	P	P	23 46 02.4	+0.7
P37A	Lathrop	88.02	33	P	P	23 46 02.8	+0.8
T32A	Huddler Ranch,	88.09	38	P	P	23 46 03.5	+1.1
Q36A	Arnold C. Orve	88.10	35	P	P	23 46 03.0	+0.6
S33A	Kaszmaul Farm,	88.16	37	P	P	23 46 04.0	+1.3
O39A	Kirksville	88.17	32	P	P	23 46 03.5	+0.8
ESDC	Conseca Area	88.21	327	P	P	23 46 02.5	-0.4
P38A	Dawn	88.32	33	P	P	23 46 04.3	+0.9
R35A	Emporia Munici	88.33	35	P	P	23 46 04.4	+0.9
U31A	Nine Bar Ranch	88.33	39	P	P	23 46 04.9	+1.3
S34A	Willow Spring	88.46	36	P	P	23 46 04.9	+0.8
T33A	Patterson Ranch	88.47	37	P	P	23 46 05.3	+1.1
O40A	La Belle	88.54	32	P	P	23 46 04.6	+0.2
Q37A	Longview Farm,	88.59	34	P	P	23 46 05.2	+0.5
R36A	Gordon, Harris	88.62	35	P	P	23 46 05.4	+0.6
AMTX	Amarillo	88.68	41	P	P	23 46 06.1	+0.8
AMTX	Amarillo	88.68	41	eP	P	23 46 06.3	+1.0
U32A	Winter Ranch,	88.71	38	P	P	23 46 05.7	+0.9
P39A	Salisbury	88.75	32	P	P	23 46 05.7	+0.3
S35A	Oting Star	88.81	36	P	P	23 46 06.8	+1.1
V31A	Spring Creek L	88.83	39	P	P	23 46 07.7	+1.8
Q38A	Cooks Store, C	88.85	33	P	P	23 46 06.7	+0.8
MSTX	Muleshoe	88.89	42	P	P	23 46 06.7	+0.4
R37A	Teagarden Farm	88.91	34	P	P	23 46 06.6	+0.4
P40A	Paris	88.99	32	P	P	23 46 07.0	+0.5
T34A	McClaskey Farm	88.99	37	P	P	23 46 07.4	+0.8
Q39A	Willow Grove F	89.04	33	P	P	23 46 07.5	+0.8
U33A	Lingo Farm, Me	89.07	38	P	P	23 46 08.0	+1.1
S36A	Lake Cedric, C	89.09	35	P	P	23 46 07.6	+0.6
HDIL	Hopedale	89.13	30	P	P	23 46 07.6	+0.5
V32A	Arapaho	89.24	39	P	P	23 46 08.8	+1.1
W31A	Holland Ranch,	89.26	40	P	P	23 46 09.1	+1.2
U34A	Anderson Ranch	89.33	37	P	P	23 46 09.3	+1.2
U34A	Anderson Ranch	89.33	37	eP	P	23 46 09.3	+1.2
MNTX	Cornudas Mount	89.37	45	P	P	23 46 09.5	+1.1
MNTX	Cornudas Mount	89.37	45	eP	P	23 46 09.5	+1.1
T35A	Sooner Cattle	89.37	36	P	P	23 46 09.3	+0.9
S37A	Fort Cobb	89.38	35	P	P	23 46 08.8	+0.4
R38A	Fenwick Farm,	89.40	34	P	P	23 46 08.4	-0.1
X30A	Coker Ranch, T	89.42	41	P	P	23 46 09.3	+0.6
Q40A	Laux Farm, Aux	89.44	32	P	P	23 46 09.0	+0.4
V33A	Lossen Ranch,	89.50	38	P	P	23 46 09.4	+0.4
T36A	Boggs Farm, Ca	89.53	36	P	P	23 46 09.9	+0.8
W32A	Sentinel	89.64	39	P	P	23 46 11.0	+1.3
R39A	Chumby, Stover	89.64	33	P	P	23 46 10.3	+0.8
X31A	McDonald Ranch	89.70	40	P	P	23 46 10.9	+1.0
U35A	Pawnee	89.73	37	P	P	23 46 11.4	+1.3
V34A	Guthrie	89.83	38	P	P	23 46 11.6	+1.1
V34A	Guthrie	89.83	38	eP	P	23 46 11.9	+1.4
S38A	Stockton	89.87	34	P	P	23 46 10.7	0.0
Y30A	Stafford Catt	89.88	41	P	P	23 46 11.6	+0.8
T37A	Cheneyville 18	89.88	35	P	P	23 46 11.6	+0.9
R40A	Maddies Statio	89.97	33	P	P	23 46 11.5	+0.4
W33A	Caddo, Fort Co	89.97	39	P	P	23 46 13.0	+1.8
S39A	Bolivar	90.06	34	P	P	23 46 11.7	+0.1
SFIN	Lawton	90.06	28	P	P	23 46 12.0	+0.6
Y31A	Rekieta Farm,	90.11	41	P	P	23 46 12.3	+0.5
U36A	Oologah	90.15	36	P	P	23 46 13.1	+1.2
WMOK	Wichita Mounta	90.17	39	eP	P	23 46 12.9	+0.8
X32A	Elmer	90.20	40	P	P	23 46 13.1	+0.8
V35A	Meyer Ranch, C	90.20	37	P	P	23 46 13.4	+1.2
W34A	Bridge Creek,	90.22	38	P	P	23 46 13.6	+1.3
Z30A	Sanderson Ranc	90.25	42	P	P	23 46 13.2	+0.7
U37A	Salina	90.41	36	P	P	23 46 14.0	+0.9
X33A	Lawton	90.46	39	P	P	23 46 14.4	+1.0
Y32A	R-V Farms, Ver	90.47	40	P	P	23 46 14.3	+0.8
S40A	Lebanon	90.47	33	P	P	23 46 13.9	+0.5
TUL1	Leonard	90.53	36	P	P	23 46 14.8	+1.1
TUL1	Leonard	90.53	36	eP	P	23 46 15.0	+1.2
V36A	Jenks	90.57	37	P	P	23 46 15.0	+1.1
U38A	Gravette	90.69	35	P	P	23 46 15.0	+0.5
W35A	Tecumseh	90.69	38	P	P	23 46 15.2	+0.7
Z31A	Sharp Cattle R	90.69	41	P	P	23 46 14.9	+0.3
X34A	Smith Ranch, M	90.72	39	P	P	23 46 15.9	+1.3
V37A	Hulbert	90.84	36	P	P	23 46 15.7	+0.5
T40A	Mansfield	90.85	33	P	P	23 46 15.5	+0.4
130A	Snyder	90.89	42	P	P	23 46 15.9	+0.4
W36A	Wetumka	90.99	37	P	P	23 46 16.5	+0.7
Z32A	Haskell	91.02	40	P	P	23 46 16.6	+0.6
131A	Roby	91.10	41	P	P	23 46 17.3	+0.8
Z33A	Canehill	91.17	35	P	P	23 46 17.3	+0.6
X35A	Drake	91.28	38	P	P	23 46 17.6	+0.4
Y34A	Resan Ranch,	91.29	39	P	P	23 46 18.2	+0.9

Z33A	Whitaker Ranch	91.38	40	P	P	23 46 18.1	+0.4
M54A	Oil Creek Stat	91.38	23	P	P	23 46 17.4	-0.2
Z30A	Stelling City	91.39	42	P	P	23 46 18.6	+0.8
X36A	Centrahoma	91.41	37	P	P	23 46 18.7</	

DHMR 07 23:51:07.7-1.1, 12.03N-44.00E, h8km, 343km, ML3.6, Western Arabian Peninsula

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time h m s	Res ISC
UDYN	Al 'Udayn	1.93 359	iP	Pn	23 51 41.7	+0.6
UDYN			iS	Sb	23 52 08.8	+1.0
LBO5		2.20 38	iP	Pn	23 51 46.0	+1.0
LBO5			iS	Sb	23 52 17.0	+1.1
BDHA	Al Bayda'	2.47 33	iP	Pn	23 51 51.3	-1.4
BDHA			iS	Sb	23 52 23.8	+0.3
BDHA			AML	AML	23 52 28.8	

comp=N,405nm,0.4s

BUI 07 23:52:54.8, 30.22N, 50.95E, h10km, mb4.7/45, mb5.1/30, Ms4.9/36, Ms7.4/6/34

ISCJB 07 23:52:59.5, 0.1, 30.09N, 0.02, 51.59E, 0.01, h15km, mb4.8/144, MS4.3/25, Error ellipse: s-maj=2.4km s-min=1.7km az=25.1

THR 07 23:53:00.8-0.7, 30.20N, 51.68E, h15km, ML5.0

GCMT 07 23:53:00.8-0.7, 30.03N, 51.64E, h24km, 1km, MW5.0/91, Moment Tensor Solution: $m_{24, 626} = s_{91, 128}$; Duration: 0 Moment tensor: Scale 1016Nm; $M=0.173, 21; Mw=2.29; 15; Ms=2.46; 16; Ma=0.75; 23; Mw=3.37; 14; Mv=0.98; 24$; Best double couple: $M=4.30400 \times 10^{16}$ NP1: $\phi=343.00000^\circ, \delta=4.00000^\circ, \lambda=164.00000^\circ$; NP2: $\phi=252.00000^\circ, \delta=74.00000^\circ, \lambda=6.00000^\circ$; Principal axes: T 4.2710, P1g7.0000, Azm116.0000; N 0.0670, P1g73.0000, Azm2.0000; P -4.3370, P1g15.0000, Azm208.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

DSN 07 23:53:01.4-0.7, 29.98N, 51.42E, h16km, mb4.7/12, Ms5.3/12 Error ellipse: s-maj=17.7km s-min=6.1km az=68.0

CSEM 07 23:53:01.4-0.1, 30.13N, 51.62E, h15km, mb4.9/45, Ms5.3, Error ellipse: s-maj=3.6km s-min=2.6km az=27.0

MOS 07 23:53:02.4-1.0, 30.19N, 51.58E, h33km, mb4.9/54, MS4.3/13, Error ellipse: s-maj=6.5km s-min=3.6km az=112.6

TEH 07 23:53:02.5, 30.10N, 51.56E, h18km, ML4.9

IDC 07 23:53:03.5-1.5, 30.19N, 51.63E, h31km, 10km, mb4.4/43, mb1.4/5/50, mb1mx4.5/58, mbmp4.6/50, ML4.6/7, MS4.2/12, Ms1.4/2/12, ms1mx3.9/45, Error ellipse: s-maj=9.5km s-min=8.8km az=164.0

NEIC 07 23:53:03.9-1.4, 30.15N, 51.59E, h30km, 10km, mb4.9/38, ML5.0(THR), Error ellipse: s-maj=5.0km s-min=4.0km az=91.0

OMAN 07 23:53:24.8-99.0, 28.90N, 52.93E, h154km, 6km, Error ellipse: s-maj=170.7km s-min=40.1km az=325.0

ISC 07 23:53:01.0-0.2, 30.12N, 0.03, 51.59E, 0.02, h15km, n1018, $\phi=128/1023, mb4.9/148, MS4.4/26, 105C-82D, Northern and central Iran$

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time h m s	Res ISC
IKAZ	Kazeroun	0.41 147	Op	Pg	23 53 09.8	+0.4
IKAZ			eSg	Sg	23 53 15.3	+0.3
IKAZ	Kazeroun	0.41 147	eSg	Sg	23 53 15.3	+0.3
IKAZ			JePg	eP	23 53 09.8	+0.4
IKAZ			eAMB	AMB	23 53 20.1	
AHBU	AHRAM	1.28 192	ePn	Pg	23 53 27.5	+1.8
IPAR	Pars	1.30 102	ePg	Pg	23 53 27.0	+0.9
IPAR		1.30 102	ePg	Pg	23 53 27.0	+0.9
IPAR			eAMB	AMB	23 53 46.9	
IPAR			eAMB	AMB	23 53 49.0	
IPAR			eAMB	AMB	23 53 52.0	
ISRV	Sarvestan	1.52 119	ePn	Pn	23 53 27.7	-0.3
ISRV			eSg	Sg	23 53 52.1	+2.0
ISRV	Sarvestan	1.52 119	ePn	Pn	23 53 27.7	-0.3
ISRV			eSg	Sg	23 53 52.1	+2.0
ISRV			eAMB	AMB	23 53 59.6	
ISRV			eAMB	AMB	23 54 00.5	
ISRV			eAMB	AMB	23 54 02.7	
IRAM	Rameshah	1.81 221	ePn	Pn	23 53 31.1	-0.8
IRAM		1.81 221	ePn	Pn	23 53 31.1	-0.8
IRAM			eAMB	AMB	23 54 00.8	
IRAM			eAMB	AMB	23 54 00.8	
IRAM			eAMB	AMB	23 54 00.8	
IRAM			eAMB	AMB	23 54 02.2	
GHIR	Ghir-Karzin	2.20 146	ePn	Pn	23 53 38.0	+0.8
GHIR		2.20 146	ePn	Pn	23 53 38.9	+1.7
GHIR	Ghir-Karzin	2.20 146	ePn	Pn	23 53 38.0	+0.8
GHIR		2.20 146	ePn	Pn	23 53 38.9	+1.7
GHIR			AML	AML	23 54 18.3	
GHIR			AML	AML	23 54 29.2	
IGAR	Gharneh	2.31 101	ePn	Pn	23 53 40.3	+1.6
IGAR			eAMB	AMB	23 54 16.8	
IGAR			eAMB	AMB	23 54 21.3	
IPIR	Pirpir	2.62 347	ePn	Pn	23 53 44.7	+1.6
IPIR		2.62 347	ePn	Pn	23 53 44.7	+1.6
IPIR			eAMB	AMB	23 54 33.3	
IPIR			eAMB	AMB	23 54 43.2	
IPIR			eAMB	AMB	23 54 49.8	
IZEF	Zefreh	2.83 131	ePn	Pn	23 53 47.1	+1.1
IZEF		2.83 131	ePn	Pn	23 53 47.1	+1.1
IZEF			eAMB	AMB	23 53 54.0	
IZEF			eAMB	AMB	23 54 44.8	
IZEF			eAMB	AMB	23 54 45.8	
NASN	Na'in	2.86 21	ePn	Pn	23 53 47.0	+0.5
NASN		2.86 21	ePn	Pn	23 53 47.0	+0.5
NASN		2.86 21	ePn	Pn	23 53 47.0	+0.5
IMEH	Mehriz	2.89 63	ePn	Pn	23 53 48.1	+1.3
IMEH		2.89 63	ePn	Pn	23 53 48.1	+1.3
IMEH			eAMB	AMB	23 54 34.8	
IMEH			eAMB	AMB	23 54 35.9	
SHGR	Shooshtar-Gavs	3.10 310	ePn	Pn	23 53 51.0	+1.6
SHGR		3.10 310	ePn	Pn	23 53 51.0	+1.6
SHGR		3.10 310	ePn	Pn	23 53 51.5	+2.0
SHGR			AML	AML	23 54 55.5	
SHGR			AML	AML	23 55 02.3	
IKLH	Kolahrood	3.19 360	ePn	Pn	23 53 52.1	+1.3
IKLH		3.19 360	ePn	Pn	23 53 52.1	+1.3
IKLH			eAMB	AMB	23 54 48.2	
IKLH			eAMB	AMB	23 54 53.0	
IKLH			eAMB	AMB	23 54 56.1	
ICHK	Chekchek	3.21 48	ePn	Pn	23 53 52.2	+1.1
ICHK		3.21 48	ePn	Pn	23 53 52.2	+1.1
ICHK			eAMB	AMB	23 54 44.1	
ICHK			eAMB	AMB	23 54 44.3	
ICHK			eAMB	AMB	23 54 46.8	
IBAF	Bafgh	3.72 66	ePn	Pn	23 53 59.0	+0.9
IBAF		3.72 66	ePn	Pn	23 53 59.0	+0.9
IBAF			eAMB	AMB	23 55 00.3	
IBAF			eAMB	AMB	23 55 02.3	
IBAF			eAMB	AMB	23 55 03.9	

KHMY	Khomeyn	3.86 339	ePn	Pn	23 54 01.0	+0.9
KHMY		3.86 339	ePn	Pn	23 54 01.2	+1.1
KHMY	Khomeyn	3.86 339	ePn	Pn	23 54 01.0	+0.9
KHMY		3.86 339	ePn	Pn	23 54 01.2	+1.1
GHVR	Ghom	4.35 357	ePn	Pn	23 54 08.0	+1.4
GHVR		4.35 357	ePn	Pn	23 54 08.1	+1.4
GHVR	Ghom	4.35 357	ePn	Pn	23 54 08.0	+1.4
GHVR		4.35 357	ePn	Pn	23 54 08.1	+1.4
KRBR	Kerman	4.49 91	ePn	Pn	23 54 09.0	+0.2
KRBR		4.49 91	ePn	Pn	23 54 09.0	+0.2
KRBR	Kerman	4.49 91	ePn	Pn	23 54 09.0	+0.2
KRBR		4.49 91	ePn	Pn	23 54 09.0	+0.2
KRBR			AML	AML	23 55 25.5	
KRBR			AML	AML	23 55 33.0	
IVRN	Varamin	4.86 11	ePn	Pn	23 54 14.2	+0.5
IVRN		4.86 11	ePn	Pn	23 54 14.2	+0.5
IVRN			eAMB	AMB	23 55 17.0	
IVRN			eAMB	AMB	23 55 42.3	
IVRN			eAMB	AMB	23 55 50.3	
IR5	Iran Long-Peri	5.14 351	ePn	Pn	23 54 18.4	+0.7
IR5		5.14 351	ePn	Pn	23 54 18.4	+0.7
IR5			eAMB	AMB	23 55 52.5	
IR5			eAMB	AMB	23 55 59.1	
IR5			eAMB	AMB	23 56 12.1	
IBZA	Bozab	5.36 325	eAMB	AMB	23 54 49.2	
IBZA			eAMB	AMB	23 55 36.1	
IBZA			eAMB	AMB	23 56 15.5	
ILAS	Lasjerd	5.37 121	ePn	Pn	23 54 21.9	+1.1
ILAS		5.37 121	ePn	Pn	23 54 21.9	+1.1
ILAS			eAMB	AMB	23 55 57.7	
IDMV	Damavand	5.45 41	ePn	Pn	23 54 22.1	+0.1
IDMV		5.45 41	ePn	Pn	23 54 22.1	+0.1
IDMV			eAMB	AMB	23 56 05.5	
IDMV			eAMB	AMB	23 56 12.7	
IDMV			eAMB	AMB	23 56 25.2	
DAMV	Damavand	5.50 3	ePn	Pn	23 54 23.0	+0.3
DAMV		5.50 3	ePn	Pn	23 54 23.0	+0.3
DAMV			ePn	Pn	23 54 23.0	+0.3
IFIR	Firoozkoo	5.59 10	ePn	Pn	23 54 25.1	+1.2
IFIR		5.59 10	ePn	Pn	23 54 25.1	+1.2
IFIR			eAMB	AMB	23 54 32.2	
IFIR			eAMB	AMB	23 56 13.4	
IFIR			eAMB	AMB	23 56 17.2	
IMHD	Mahdasht	5.60 352	ePn	Pn	23 54 24.6	+0.7
IMHD		5.60 352	ePn	Pn	23 54 24.6	+0.7
IMHD			eAMB	AMB	23 56 07.3	
IMHD			eAMB	AMB	23 56 07.4	
IMHD			eAMB	AMB	23 56 07.8	
ISHM	Shahmirzad	5.85 141	ePn	Pn	23 54 27.9	+0.5
ISHM			eAMB	AMB	23 56 19.7	
ISHM			eAMB	AMB	23 56 34.8	
TABS	Tabas	5.87 52	ePn	Pn	23 54 28.0	+0.4
TABS		5.87 52	ePn	Pn	23 54 28.4	+0.8
TABS		5.87 52	ePn	Pn	23 54 28.0	+0.4
TABS		5.87 52	ePn	Pn	23 54 28.4	+0.8
BANOM	Banah	5.90 134	iP	Pn	23 54 27.5	-0.5
BANOM			SNR=356			
BANOM	Banah	5.90 134	P	Pn	23 54 27.7	-0.3
BANOM			SNR=356			
IVIS	Veis	5.95 319	ePn	Pn	23 54 28.3	-0.3
IVIS		5.95 319	ePn	Pn	23 54 28.3	-0.3
IVIS			eAMB	AMB	23 55 39.4	
IVIS			eAMB	AMB	23 55 42.5	
IVIS			eAMB	AMB	23 55 47.5	
IGHG	Ghaleghazi	5.97 316	ePn	Pn	23 54 30.3	+1.2
IGHG		5.97 316	ePn	Pn	23 54 30.3	+1.2
IGHG			eAMB	AMB	23 55 01.6	
IGHG			eAMB	AMB	23 55 41.6	
IGHG			eAMB	AMB	23 55 45.9	
SNGE	Sanandaj	6.11 325	ePn	Pn	23 54 32.0	+1.0
SNGE		6.11 325	ePn	Pn	23 54 32.7	+1.7
SNGE		6.11 325	ePn	Pn	23 54 32.0	+1.0
SNGE		6.11 325	ePn	Pn	23 54 32.7	+1.7
ILIN	Lien	6.17 322	ePn	Pn	23 54 32.0	+0.1
ILIN		6.17 322	ePn	Pn	23 54 32.0	+0.1
ILIN			eAMB	AMB	23 55 45.7	
ILIN			eAMB	AMB	23 55 47.1	</

7d 23h

2011 JAN

350

Table with columns for station name, frequency, power, and other technical details. Includes stations like ECAT, ERZURUM, URFA, SALA, SALM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KERG, MAMC, AVNS, GOF, SOC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ULDT, AKTO, SILT, AYDN, etc.

AOS Alonnissos	24.52 299	P	P	00 29 45.3 +0.4	AMT Artemida-Makis	25.90 295	P	P	00 29 57.6 +0.1	MOS		eS	S	00 35 00.2 +10	
AOS Alonnissos	24.52 299	P	P	00 29 45.3 +0.4	DOPR Dopca	25.91 315	/P	P	00 29 58.7 +1.2	MOS		MLR	MLR		
AOS Alonnissos	24.52 299	P	P	00 29 45.3 +0.4	DOPR Dopca	25.91 315	/P	P	00 29 58.7 +1.2	comp=Z,1um,17.0s					
TGN Turgen	24.52 50	i	P	00 29 45.8 +0.7	UPR University Cam	25.95 296	P	P	00 30 03.7 +5.8	MOS Moscow		27.50 343	eP	P	00 30 11.6 -0.1
comp=E,84nm,0.7s					DRO Drossia	25.96 296	P	P	00 29 58.9 +0.9	HBR Hyderabad		27.57 111	i	P	00 30 15.0 +2.3
comp=L,84nm,1.7s		LQ	LQ	00 37 44.8	DEL Delfino	25.96 296	P	P	00 29 58.9 +0.9	SEL Selyo		27.62 307	eP	P	00 30 17.5 +2.3
TGN		LRM	MLR	00 40 43.2	VTS Vitosh	25.97 306	/P	P	00 29 59.4 +1.2	KUBS Kucevo		27.64 309	eP	P	00 30 13.4 +0.3
KAVA Kavala	24.53 304	P	P	00 29 45.0 0.0	THL Klokotos Trika	26.01 299	P	P	00 29 57.9 -0.6	KEK Kerkira		27.72 299	P	P	00 30 12.7 -1.1
KAVA Kavala	24.53 304	P	P	00 29 45.0 0.0	THL Klokotos Trika	26.01 299	P	P	00 29 57.9 -0.6	KEK Kerkira		27.72 299	P	P	00 30 12.7 -1.1
KAVA Kavala	24.53 304	P	P	00 29 45.0 0.0	VAY Valandovo	26.03 303	/P	P	00 29 58.2 -0.4	KEK Kerkira		27.72 299	P	P	00 30 12.7 -1.1
RZN Rozhen	24.61 305	i	P	00 29 46.4 +0.5	VAY Valandovo	26.03 303	/P	P	00 29 58.2 -0.4	MDVR Moldovita		27.75 310	/P	P	00 30 14.7 +0.6
GRER	24.65 315	/P	P	00 29 48.2 +2.2	VAY Valandovo	26.03 303	/P	P	00 29 58.2 -0.4	BMR Baia Mare		27.86 317	/P	P	00 30 16.6 +1.6
GRER	24.65 315	/P	P	00 29 48.2 +2.2	EVR Evrytania	26.04 298	P	P	00 29 57.3 -1.6	BMR Baia Mare		27.86 317	/P	P	00 30 16.6 +1.6
PETR Petresti	24.66 316	/P	P	00 29 48.7 +2.5	EVR Evrytania	26.04 298	P	P	00 29 57.3 -1.6	DRGR		27.93 315	/P	P	00 30 16.7 +1.0
PETR Petresti	24.66 316	/P	P	00 29 48.7 +2.5	EVR Evrytania	26.04 298	P	P	00 29 57.3 -1.6	DRGR		27.93 315	/P	P	00 30 16.7 +1.0
KYTH Kithira	24.69 292	P	P	00 29 44.4 -2.2	GRG Griva	26.06 303	P	P	00 29 59.0 +0.1	KOLD		27.99 87	eP	P	00 30 16.3 -0.3
KYTH Kithira	24.69 292	P	P	00 29 44.4 -2.2	GRG Griva	26.06 303	P	P	00 29 59.0 +0.1	KOLD		27.99 87	eP	P	00 30 16.3 -0.3
DID Didima	24.70 295	P	P	00 29 45.7 -0.9	ARR Arges	26.10 313	/P	P	00 30 00.1 +0.8	TIR Tirane		28.01 302	/P	P	00 30 17.1 +0.7
DID Didima	24.70 295	P	P	00 29 45.7 -0.9	ARR Arges	26.10 313	/P	P	00 30 00.1 +0.8	TIR Tirane		28.01 302	/P	P	00 30 17.1 +0.7
OUR Ouranopolis	24.73 302	P	P	00 29 47.6 +0.8	PRAR RASCA	26.11 318	/P	P	00 30 00.6 +1.3	TIR Tirane		28.01 302	eP	P	00 30 17.1 +0.7
OUR Ouranopolis	24.73 302	P	P	00 29 47.6 +0.8	ZRNC Zerenda	26.13 24	eP	P	00 29 59.9 +0.6	TIR Tirane		28.01 302	eP	P	00 30 17.1 +0.7
KRND KRANIDI	24.74 295	P	P	00 29 46.4 -0.6	ZRNC Zerenda	26.13 24	eP	P	00 29 59.9 +0.6	BZS Buzias		28.13 312	/P	P	00 30 17.9 +0.5
KRND KRANIDI	24.74 295	P	P	00 29 46.4 -0.6	ZRNC Zerenda	26.13 24	eP	P	00 29 59.9 +0.6	BZS Buzias		28.13 312	/P	P	00 30 17.9 +0.5
VILL Villia	24.75 297	P	P	00 29 47.2 +0.1	RLS Riolos of Patr	26.16 296	P	P	00 29 58.3 -1.5	BANR Banloc		28.35 311	/P	P	00 30 21.4 +2.0
PLD Plovdiv	24.76 306	i	P	00 29 48.6 +1.5	RLS Riolos of Patr	26.16 296	P	P	00 29 58.3 -1.5	IVAS Ivanjica		28.40 307	eP	P	00 30 20.8 +0.8
SULR	24.76 313	/P	P	00 29 48.5 +1.5	JOSR Joseni	26.19 317	/P	P	00 30 02.5 +2.4	DIVS Divibare		28.67 308	/P	P	00 30 24.4 +2.0
SULR	24.76 313	/P	P	00 29 48.5 +1.5	JOSR Joseni	26.19 317	/P	P	00 30 02.5 +2.4	DIVS Divibare		28.67 308	/P	P	00 30 24.4 +2.0
ISRI Istrita	24.79 314	/P	P	00 29 49.7 +2.3	AXS Araxos	26.26 296	P	P	00 29 59.9 -0.8	DRME Dracovica, Mon		28.70 37	P	P	00 30 22.2 +0.4
ISRI Istrita	24.79 314	/P	P	00 29 49.7 +2.3	AXS Araxos	26.26 296	P	P	00 29 59.9 -0.8	KURBB Kurchatov Arra		28.70 37	P	P	00 30 23.2 +0.8
VLI Veliai	24.82 293	P	P	00 29 46.9 -0.8	KZN Kozani	26.36 301	P	P	00 30 01.8 +0.1	comp=Z,12nm,0.8s,baz=233,slow=9.0,SNR=39			PcP	PcP	00 33 32.2 -0.1
VLI Veliai	24.82 293	P	P	00 29 46.9 -0.8	KZN Kozani	26.36 301	P	P	00 30 01.8 +0.1	KURBB Kurchatov		28.77 46	eP	P	00 33 32.2 -0.1
VLI Veliai	24.82 293	P	P	00 29 46.9 -0.8	KZN Kozani	26.36 301	P	P	00 30 01.8 +0.1	KURBB Kurchatov		28.77 46	eP	P	00 33 32.2 -0.1
SKIA Skiathos	24.83 298	P	P	00 29 48.2 +0.4	MAZR Makranishi	26.38 293	/P	P	00 30 04.2 +2.3	comp=Z,2.3nm,0.7s,baz=240,slow=4.0,SNR=10			ScP	ScP	00 37 11.1 -0.3
SKIA Skiathos	24.83 298	P	P	00 29 48.2 +0.4	MAZR Makranishi	26.38 293	/P	P	00 30 04.2 +2.3	PDG Podgorica		28.71 304	/P	P	00 30 23.9 +1.3
PAIG Paliouri	24.85 301	P	P	00 29 48.6 +0.7	PDO Prodromos	26.47 297	P	P	00 30 02.1 -0.5	PDG Podgorica		28.71 304	/P	P	00 30 23.9 +1.3
PAIG Paliouri	24.85 301	P	P	00 29 48.6 +0.7	PDO Prodromos	26.47 297	P	P	00 30 02.1 -0.5	MAKZ Makanchi		28.77 46	P	P	00 30 23.5 +0.4
SMIA Simia	24.96 298	P	P	00 29 50.1 +1.1	AKASG Malin Array Be	26.57 327	e	P	00 30 01.7 -1.6	MAKZ Makanchi		28.77 46	eP	P	00 30 23.5 +0.4
SMIA Simia	24.96 298	P	P	00 29 50.1 +1.1	AKASG Malin Array Be	26.57 327	e	P	00 30 01.7 -1.6	MAKZ Makanchi		28.77 46	eP	P	00 30 23.5 +0.4
LUK Loutraki	24.99 296	P	P	00 29 48.9 -0.3	KIEV Kiev	26.57 327	eP	P	00 30 01.5 -1.8	MAKZ Makanchi		28.77 46	eP	P	00 30 23.5 +0.4
LUK Loutraki	24.99 296	P	P	00 29 48.9 -0.3	KIEV Kiev	26.57 327	eP	P	00 30 01.5 -1.8	KURK Kurchatov		28.80 37	P	P	00 30 23.2 -0.1
PLAR PLOIESTI	25.01 313	/P	P	00 29 50.8 +1.5	KIEV Kiev	26.57 327	eP	P	00 30 01.8 -1.5	KURK Kurchatov		28.80 37	P	P	00 30 23.2 -0.1
PLAR PLOIESTI	25.01 313	/P	P	00 29 50.8 +1.5	KIEV Kiev	26.57 327	eP	P	00 30 01.8 -1.5	KURK Kurchatov		28.80 37	P	P	00 30 23.2 -0.1
VRI Vrincoiaia	25.04 316	/P	P	00 29 50.8 +1.2	KIEV Kiev	26.57 327	eP	P	00 30 01.8 -1.5	KURK Kurchatov		28.80 37	P	P	00 30 23.2 -0.1
VRI Vrincoiaia	25.04 316	/P	P	00 29 50.8 +1.2	KIEV Kiev	26.57 327	eP	P	00 30 01.8 -1.5	KURK Kurchatov		28.80 37	P	P	00 30 23.2 -0.1
NEO Neokhori	25.04 299	P	P	00 29 49.7 0.0	AK11 Malin Array Si	26.58 327	eP	P	00 30 02.5 -0.9	KURK Kurchatov		28.80 37	PcP	PcP	00 33 32.2 -0.3
NEO Neokhori	25.04 299	P	P	00 29 49.7 0.0	AK11 Malin Array Si	26.58 327	eP	P	00 30 02.5 -0.9	KURK Kurchatov		28.80 37	PcP	PcP	00 33 32.2 -0.3
NEO Neokhori	25.04 299	P	P	00 29 49.7 0.0	MDB Medias	26.61 315	/P	P	00 30 05.7 +1.9	KURK Kurchatov		28.80 37	PcP	PcP	00 33 32.2 -0.3
NEO Neokhori	25.04 299	P	P	00 29 49.7 0.0	MDB Medias	26.61 315	/P	P	00 30 05.7 +1.9	KURK Kurchatov		28.80 37	PcP	PcP	00 33 32.2 -0.3
SECR Secr	25.04 314	/P	P	00 29 52.0 +2.4	DSL Palaion Diasel	26.63 298	P	P	00 30 04.2 +0.1	KURK Kurchatov		28.80 37	ScP	ScP	00 37 11.1 -0.6
SECR Secr	25.04 314	/P	P	00 29 52.0 +2.4	DSL Palaion Diasel	26.63 298	P	P	00 30 04.2 +0.1	KURK Kurchatov		28.80 37	ScP	ScP	00 37 11.1 -0.6
ATAL Atalanti	25.07 298	P	P	00 29 50.7 +0.8	DSL Palaion Diasel	26.63 298	P	P	00 30 04.2 +0.1	MK01 Makanchi Array		28.96 46	eP	P	00 30 24.5 -0.3
ATAL Atalanti	25.07 298	P	P	00 29 50.7 +0.8	DSL Palaion Diasel	26.63 298	P	P	00 30 04.2 +0.1	MK01 Makanchi Array		28.96 46	eP	P	00 30 24.5 -0.3
LKR Lokris	25.08 298	P	P	00 29 50.2 +0.2	BRVK Borovoye	26.68 25	P	P	00 30 04.8 +0.5	MK31 Makanchi Array		28.96 46	eP	P	00 30 25.0 +0.2
LKR Lokris	25.08 298	P	P	00 29 50.2 +0.2	BRVK Borovoye	26.68 25	P	P	00 30 04.8 +0.5	MK31 Makanchi Array		28.96 46	eP	P	00 30 25.0 +0.2
PLOR Plostina	25.08 316	/P	P	00 29 51.7 +1.7	BRVK Borovoye	26.68 25	P	P	00 30 05.4 +1.1	comp=Z,16nm,1.1s		28.96 46	i	P	00 30 25.0 +0.2
PLOR Plostina	25.08 316	/P	P	00 29 51.7 +1.7	BRVK Borovoye	26.68 25	P	P	00 30 05.4 +1.1	comp=Z,16nm,1.1s		28.96 46	i	P	00 30 25.0 +0.2
XOR Xorichti	25.08 299	P	P	00 29 50.7 +0.6	BRVK Borovoye	26.68 25	eP	P	00 30 05.0 +0.7	MKAR Makanchi Array		28.96 46	PcP	PcP	00 30 24.7 -0.1
XOR Xorichti	25.08 299	P	P	00 29 50.7 +0.6	BRVK Borovoye	26.68 25	eP	P	00 30 05.0 +0.7	MKAR Makanchi Array		28.96 46	PcP	PcP	00 30 24.7 -0.1
NVR Nevrokopi	25.11 304	P	P	00 29 51.4 +1.1	LOT Lotru	26.68 313	/P	P	00 30 05.5 +0.9	MKAR Makanchi Array		28.96 46	PcP	PcP	00 33 31.2 -1.2
NVR Nevrokopi	25.11 304	P	P	00 29 51.4 +1.1	LOT Lotru	26.68 313	/P	P	00 30 05.5 +0.9	MKAR Makanchi Array		28.96 46	PcP	PcP	00 33 31.2 -1.2
PLG Polygyros	25.14 302	P	P	00 29 51.3 +0.7	comp=Z,19nm,0.8s				00 30 05.1 +0.7	MKAR Makanchi Array		28.96 46	PcP	PcP	01 02 35.3
PLG Polygyros	25.14 302	P	P	00 29 51.3 +0.7	comp=Z,19nm,0.8s				00 30 05.1 +0.7	MKAR Makanchi Array		28.96 46	PcP	PcP	01 02 35.3
THAL Thalerio	25.23 296	P	P	00 29 51.6 +0.2	BVAR Borovoye Array	26.69 26	i	P	00 30 04.8 +0.4	MKAR Makanchi Array		28.96 46	PcP	PcP	00 30 25.5 +0.7
THAL Thalerio	25.23 296	P	P	00 29 51.6 +0.2	BVAR Borovoye Array	26.69 26	i	P	00 30 04.8 +0.4	MKAR Makanchi Array		28.96 46	PcP	PcP	00 30 25.5 +0.7
SRS Serrai	25.23 303	P	P	00 29 51.9 +0.5	comp=Z,12nm,0.7s,baz=217,slow=7.1,SNR=42				00 33 28.0 +0.6	MKAR Makanchi Array		28.96 46	PcP	PcP	00 30 25.5 +0.7
SRS Serrai	25.23 303	P	P	00 29 51.9 +0.5	comp=Z,12nm,0.7s,baz=217,slow=7.1,SNR=42				00 33 28.0 +0.6	MKAR Makanchi Array		28.96 46	PcP	PcP	00 30 25.5 +0.7
SECR Secr	25.23 303	P	P	00 29 51.9 +0.5	BVAR Borovoye Array	26.69 26	i	P	00 30 04.8 +0.4	MKAR Makanchi Array		28.96 46	PcP	PcP	00 30 25.5 +0.7
SECR Secr	25.23 303	P	P	00 29 51.9 +0.5	BVAR Borovoye Array	26.69 26	i	P	00 30 04.8 +0.4	MKAR Makanchi Array		28.96 46	PcP	PcP	00 30 25.5 +0.7
FYTO Fytoko, Volos	25.28 299	P	P	00 29 51.9 +0.1	comp=Z,3.6nm,0.7s,baz=199,slow=3.1,SNR=89				00 37 04.5 -0.7	MKAR Makanchi Array		28.96 46	PcP	PcP	00 30 25.5 +0.7
FYTO Fytoko, Volos	25.28 299	P	P	00 29 51.9 +0.1	comp=Z,3.6nm,0.7s,baz=199,slow=3.1,SNR=89				00 37 04.5 -0.7	MKAR Makanchi Array		28.96 46	PcP	PcP	00 30 25.5 +0.7
PGB Panagyurishte	25.29 307	i	P	00 29 53.0 +1.1	BVAR Borovoye Array	26.69 26	i	P	00 30 04.8 +0.4	MKAR Makanchi Array		28.96 46	PcP	PcP	00 30 25.5 +0.7
PGB Panagyurishte	25.29 307	i	P	00 29 53.0 +1.1	BVAR Borovoye Array	26.69 2									

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like Suwalki, Urumqi, Valguamera, etc.

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like WATA, PALK, MOT, etc.

Table with columns: Station, Frequency, Power, and other parameters. Includes stations like BLSS, DOMB, ARCES, etc.

Table with 4 columns: PDO, Prodromos, 0.96 358 ePN, P, 04 08 28.4 0.0

BUIJ 08:04:10:50.5, 0.575x.125; 15E, h61km, mb5.477, mb5.5/56, Ms5.1/80, Ms7.4/975

MOS 08:04:10:52.4, 1.2, 0.03N; 124.87E, h33km, mb3.8/88, Ms4.7/18, Error ellipse: s-maj=7.4km s-min=4.1km

IDC 08:04:10:53.7, 1.5, 0.02S; 124.75E, h33km, 10km, mb5.1/41, mb1.5/142, mb1mx5.1/45, mbtpm5.3/42, ML5.1/1, MS4.6/29, Ms1.4/6/29, ms1mx4.4/47, Error ellipse: s-maj=13.3km s-min=8.4km az=69.0

GCMT 08:04:10:56.7, 0.1, 0.15S; 125.04E, h45km, MW5.7/118, Moment Tensor Solution. s118,c222; s112,c285;

Duration: 1s6 Moment tensor: Scale 1017Nn; M11:3.00E-04; M33:1.55E-03; M31:1.45E-04; M12:7.2E-03;

M13:1.77E-03; M14:8.31E-04; Best double couple: M33:7.0800E-07; NP2:3.3000E-07; 832.0000E-7; 113.0000E-7;

Principal axes: P=3.6570, Plg17.0000; Az=27.0000; N=1.020, Plg12.0000; Azm38.0000; P=3.7590, Plg15.0000; Azm133.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

ISCJB 08:04:10:56.6, 0.2, 0.08S; 0.01x.125; 01E, 0.01, h74km, 2km, mb5.4/227 Error ellipse: s-maj=2.5km s-min=2.3km az=26.2

NEIC 08:04:10:56.7, 0.5, 0.03S; 124.91E, h57km, 5km, mb5.6/120, Error ellipse: s-maj=4.6km s-min=3.8km az=47.0

KLM 08:04:10:57.8, 0.03S; 125.02E, h76km, mb5.6, ML5.6, MS6.6, DJA 08:04:10:58.9, 0.1, 0.2, 1.215E, h7km, 2km, mb5.5/81, mb5.5/81, mb5.9/21, ML5.9/21, MW(B)5.5/21, Mw(6.5)/7.3

ISC 08:04:10:57.3, 0.3, 0.007S; 102.142E, 124.95E, 0.03, h63km, 2km, h63km; pp-P, N1182, e1947, 1193, mb5.5/250, 56C-50D,

Southern Molucca Sea

Table with 4 columns: Code, Station Name, Az, Phase ID, Time, Res

Main table with 4 columns: Station Name, Time, Res, P

Table with 4 columns: Station Name, Time, Res, P

Table with columns: TRD, comp, I/Amb, I/Amb, 04 19 37.5, RPR, RPR, comp, 48.58 295, eP, I/Amb, P, 04 19 32.8, -2.1, etc.

Table with columns: BOD, comp, pmax, pmax, DCZ, Deep Cove, 58.53 146, eP, P, 04 20 49.0, +1.7, WHZ, Weither Hill Ro, 59.23 146, eP, P, 04 20 53.3, +1.2, etc.

Table with columns: MA2, Magadan, 62.80 14, P, P, 04 21 16.3, +0.3, ZAAO, Zalesovo Array, 63.19 335, eP, P, 04 21 14.1, -4.6, ZALV, Zalesovo Beam, 63.19 335, eP, P, 04 21 16.4, -2.3, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ABPO, GAMB, SOKR, MAW, VANDA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MNKR, ALMNKUR, SVRC, KJELT, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CUSAR, TAHT, OBN, TCHB, etc.

030A	MW Ranch, Wils	122.85	40	P	PKPdf	04 29 47.6 +0.8
M31A	Lambrecht Ranch	122.90	38	P	PKPdf	04 29 47.0 +0.2
ECSD	EROS Data Cent	122.90	35	P	PKPdf	04 29 46.7 0.0
ECSD	EROS Data Cent	122.90	35	ePKPdf	LR	04 29 46.1 -0.6
E36A	McGregor	122.92	31	P	PKPdf	04 29 47.5 +0.8
Q29A	Oakley	122.93	42	P	PKPdf	04 29 47.4 +0.4
S28A	Manter	122.96	44	P	PKPdf	04 29 47.5 +0.4
MNTX	Cornudas Mount	123.01	51	P	PKPdf	04 29 47.3 +0.1
MNTX	Cornudas Mount	123.01	51	ePKPdf	LR	04 29 48.0 +0.8
G35A	Watkins	123.14	32	P	PKPdf	04 29 47.8 +0.7
F36A	Milaca	123.22	31	P	PKPdf	04 29 46.8 -0.4
H35A	Sunnyside Ranc	123.29	33	P	PKPdf	04 29 47.4 0.0
BGNE	Belgrade	123.37	38	P	PKPdf	04 29 47.8 +0.1
BGNE	Belgrade	123.37	38	ePKPdf	LR	04 29 47.5 -0.2
Q30A	Quinter	123.39	41	P	PKPdf	04 29 48.1 +0.3
P31A	Stockton	123.65	40	P	PKPdf	04 29 48.6 +0.3
R30A	Dighton	123.71	42	P	PKPdf	04 29 48.9 +0.4
CBKS	Cedar Bluff	123.79	41	PFAKE	LR	04 30 00.0 +1.1
K34A	Le Mars	123.84	36	P	PKPdf	04 29 49.6 +1.0
H36A	Jessenland, He	123.86	33	P	PKPdf	04 29 50.0 +1.5
S30A	Montezuma	123.92	43	P	PKPdf	04 29 49.9 +1.0
O32A	Brockman Farm,	123.94	39	P	PKPdf	04 29 48.9 0.0
SPMN	Marine on St.	124.03	31	P	PKPdf	04 29 49.7 +0.9
SPMN	Marine on St.	124.03	31	ePKPdf	LR	04 29 49.0 +0.3
IMSTX	Muleshoe	124.04	48	P	PKPdf	04 29 49.3 +0.2
IMSTX	Muleshoe	124.04	48	ePKPdf	LR	04 29 49.9 +0.7
P32A	Huizing Farm,	124.09	40	P	PKPdf	04 29 49.3 +0.2
R31A	Burdett	124.21	42	P	PKPdf	04 29 49.7 +0.3
U30A	WK&E Inc. Balk	124.35	44	P	PKPdf	04 29 50.7 +1.0
O33A	Hebron	124.48	39	P	PKPdf	04 29 50.1 +0.2
I37A	Lemond, Waseca	124.52	33	P	PKPdf	04 29 50.4 +0.6
SCHO	Schefferville	124.56	8	PKP	PKP	04 29 49.5 0.0
R32A	Long Quarter,	124.68	41	P	PKPdf	04 29 50.9 +0.6
K36A	Gilmore City	124.82	35	P	PKPdf	04 29 50.7 +0.3
I38A	Scanlan Farm,	125.08	32	P	PKPdf	04 29 51.0 +0.1
T32A	Huddler Ranch,	125.20	43	P	PKPdf	04 29 52.2 +0.8
X30A	Coker Ranch, T	125.21	47	P	PKPdf	04 29 52.2 +0.8
R33A	Olander Ranch,	125.22	41	P	PKPdf	04 29 51.8 +0.4
COWI	Conover	125.25	29	PFAKE	LR	04 30 00.0 +8.9
P34A	Walnut Farm, R	125.27	39	P	PKPdf	04 29 51.2 -0.1
V31A	Spring Creek L	125.30	45	P	PKPdf	04 29 51.8 +0.2
TXAR	Lajitas Array	125.30	53	PKP	PKP	04 29 52.9 +1.0
TXAR	Lajitas Array	125.30	53	PKP	PKP	04 39 30.3 -0.3
TXAR	Lajitas Array	125.30	53	SKKPbc	SKKPbc	04 43 21.9 +5.8
Y30A	Stafford Cattle	125.47	37	P	PKPdf	04 29 52.9 +0.9
J38A	Wedel Dairy, R	125.48	43	P	PKPdf	04 29 52.5 +0.9
W31A	Holland Ranch,	125.52	45	P	PKPdf	04 29 53.0 +0.9
U32A	Winter Ranch,	125.57	44	P	PKPdf	04 29 53.4 +1.3
Z30A	Sanderson Ranc	125.57	48	P	PKPdf	04 29 51.7 -0.5
KSU1	Kansas State U	125.66	39	P	PKPdf	04 29 51.8 -0.3
KSU1	Kansas State U	125.66	39	ePKPdf	LR	04 29 52.6 +0.4
T33A	Patterson Ranc	125.71	42	P	PKPdf	04 29 52.7 +0.4
X31A	McDonald Ranch	125.77	46	P	PKPdf	04 29 53.0 +0.5
P35A	Duane Minner,	125.78	39	P	PKPdf	04 29 52.7 +0.3
M37A	Trindle Farm,	125.83	36	P	PKPdf	04 29 53.0 +0.7
SCIA	State Center	125.99	35	PFAKE	LR	04 30 00.0 +7.3
Q35A	Mercer Eighty,	126.16	39	P	PKPdf	04 29 53.7 +0.6
M38A	Pleasantville	126.32	35	P	PKPdf	04 29 55.0 +1.7
T34A	McClaskey Farm	126.45	42	P	PKPdf	04 29 54.4 +0.7
Q36A	Arnold C. Orve	126.47	39	P	PKPdf	04 29 53.8 +0.2
U34A	Anderson Ranch	126.54	43	P	PKPdf	04 29 54.6 +0.7
WMOK	Wichita Mounta	126.57	45	PFAKE	LR	04 30 10.0 +1.6
S35A	Otter Creek Ra	126.66	41	P	PKPdf	04 29 54.9 +0.9
Z32A	Haskell	126.78	47	P	PKPdf	04 29 56.3 +1.8
P37A	Lathrop	126.78	38	P	PKPdf	04 29 54.2 0.0
Z31A	Bronte	126.80	49	P	PKPdf	04 29 55.3 +0.7
S30A	J-C Ranch, Com	126.81	51	P	PKPdf	04 29 55.5 +0.8
R36A	Gordon, Harris	126.81	40	P	PKPdf	04 29 54.8 +0.4
X33A	Guthrie	126.87	45	P	PKPdf	04 29 54.9 +0.4
V34A	Guthrie	126.88	43	P	PKPdf	04 29 55.8 +1.3
V34A	Guthrie	126.88	43	ePKPdf	LR	04 29 55.5 +0.9
JFWS	Jewell Farm	126.95	32	ePKPdf	LR	04 29 55.0 +0.5
JFWS	Jewell Farm	126.95	32	PKPdf	LR	04 29 55.0 +0.5

232A	Coleman	127.33	49	P	PKPdf	04 29 56.9 +1.3
V35A	Meyer Ranch, C	127.38	43	P	PKPdf	04 29 56.3 +0.8
531A	Rocksprings,	127.42	51	P	PKPdf	04 29 56.0 +0.2
332A	Millersview	127.49	49	P	PKPdf	04 29 56.6 +0.7
S37A	Fort Scott	127.50	40	P	PKPdf	04 29 55.9 +0.1
Q38A	Cooks Store, C	127.61	38	P	PKPdf	04 29 55.7 -0.2
432A	Wierd	127.68	50	P	PKPdf	04 29 58.2 +1.9
W35A	Tecumseh	127.69	44	P	PKPdf	04 29 56.6 +0.5
Y34A	Reagan Ranch,	127.69	45	P	PKPdf	04 29 57.1 +0.9
P39A	Salisbury	127.81	37	P	PKPdf	04 29 56.8 +0.6
Z33A	Rising Star	127.83	48	P	PKPdf	04 29 57.2 +0.7
JCT	Junction City	127.86	50	P	PKPdf	04 29 57.4 +0.8
JCT	Junction City	127.86	50	ePKPdf	LR	04 29 57.7 +1.0
T37A	Cheneyville 18	127.89	40	P	PKPdf	04 29 57.0 +0.5
R38A	Fenwick Farm,	127.91	39	P	PKPdf	04 29 56.4 0.0
O40A	La Belle	127.92	36	P	PKPdf	04 29 56.8 +0.5
532A	Rocksprings	127.94	51	P	PKPdf	04 29 58.3 +1.5
V36A	Jenks	127.97	42	P	PKPdf	04 29 57.3 +0.7
333A	Richland Sprin	128.09	49	P	PKPdf	04 29 57.7 +0.7
W36A	Wenka	128.14	43	P	PKPdf	04 29 57.9 +1.0
U37A	Salina	128.18	41	P	PKPdf	04 29 58.3 +1.3
P40A	Paris	128.20	36	P	PKPdf	04 29 57.5 +0.6
S38A	Stockton	128.24	39	P	PKPdf	04 29 57.3 +0.2
433A	Art	128.28	50	P	PKPdf	04 29 57.9 +0.5
GLMI	Grayling	128.30	27	PFAKE	LR	04 30 10.0 +1.3
632A	Uvalde	128.30	51	P	PKPdf	04 29 58.6 +1.1
X36A	Centrahoma	128.36	44	P	PKPdf	04 29 57.9 +0.5
R39A	Chumby, Stover	128.37	38	P	PKPdf	04 29 57.9 +0.5
234A	Clairette	128.40	48	P	PKPdf	04 29 57.8 +0.3
V37A	Hulbert	128.46	42	P	PKPdf	04 29 57.9 +0.4
732A	Wagon Ranch,	128.50	52	P	PKPdf	04 29 59.0 +1.1
Q40A	Laux Farm, Aux	128.53	37	P	PKPdf	04 29 58.3 +0.7
S39A	Bolivar	128.57	39	P	PKPdf	04 29 58.4 +0.7
U38A	Gravette	128.64	41	P	PKPdf	04 29 57.9 0.0
334A	Lometa	128.65	49	P	PKPdf	04 29 58.6 +0.6
832A	Faith Ranch, C	128.68	53	P	PKPdf	04 29 58.9 +0.7
Y36A	Durant	128.77	45	P	PKPdf	04 29 59.4 +1.2
R40A	Maddies Statio	128.86	38	P	PKPdf	04 29 58.9 +0.7
434A	Burnet	128.87	49	P	PKPdf	04 29 59.7 +1.1
W38A	Whitney,	128.91	47	ePKPdf	LR	04 29 59.9 +1.4
V38A	Canehill	128.96	41	P	PKPdf	04 29 58.9 +0.3
X37A	Clayton	129.03	43	P	PKPdf	04 29 59.8 +1.1
733A	Divot King Ran	129.04	52	P	PKPdf	04 30 00.1 +1.3
534A	Blanco	129.08	50	P	PKPdf	04 29 59.9 +1.0
HDIL	Hopedale	129.09	34	PFAKE	LR	04 30 10.0 +1.1
833A	Chaparral WMA,	129.13	53	P	PKPdf	04 30 00.2 +1.1
S40A	Lebanon	129.14	39	P	PKPdf	04 29 59.5 +0.7
KIC	Kosan Boka	129.41	278	eP	PKPdf	04 30 00.2 +0.2
T40A	Mattfield	129.41	39	P	PKPdf	04 29 59.4 0.0
DBIC	Dimbokro	129.49	279	PKP	PKP	04 29 59.2 -0.9
DBIC	Dimbokro	129.49	279	SKPbc	SKPbc	04 33 19.1 +2.3
TIC	Toumoudi	129.66	279	eP	PKPdf	04 30 00.5 +0.1
LIC	Lamto	129.70	278	eP	PKPdf	04 30 02.2 +1.7
834A	Tilden	129.88	52	P	PKPdf	04 30 02.6 +2.2
635A	Leesville	129.92	51	P	PKPdf	04 30 02.4 +1.9
034A	Hebronville	130.24	54	P	PKPdf	04 30 02.4 +1.2
MIAR	Mount Ida	130.28	42	P	PKPdf	04 30 02.4 +1.4
MIAR	Mount Ida	130.28	42	ePKPdf	LR	04 33 20.9 +1.9
MIAR	Mount Ida	130.28	42	eSKPbc	SKPbc	04 33 20.9 +1.9
AAM	Ann Arbor	130.70	28	PFAKE	LR	04 30 10.0 +8.4
OLIL	Olney	131.02	34	ePKPdf	LR	04 30 02.6 +0.3
NATX	Nacogdoches	131.06	46	PFAKE	LR	04 30 10.0 +7.4
HKT	Hockley	131.13	49	ePKPdf	LR	04 30 03.8 +1.1
LONY	Lake Ozonia	132.37	19	PFAKE	LR	04 30 20.0 +1.5
WCI	Wyandotte Cave	132.38	34	ePKPdf	LR	04 30 05.5 +0.5
ACSO	Alum Creek Sta	132.62	29	PFAKE	LR	04 30 27.1 +1.5
WWT	Waverly	132.95	37	ePKPdf	LR	04 30 07.6 +1.5
WWT	Waverly	132.95	37	eSKPbc	SKPbc	04 33 27.3 -1.2
NCB	Newcomb	133.06	19	PFAKE	LR	04 30 20.0 -0.1
PKME	Peaks-Kenny Pk	133.26	14	PFAKE	LR	04 30 20.0 +1.4
MDV	Middlebury	133.37	18	ePKPdf	LR	04 30 06.4 -0.2
BLA	Blacksburg	136.23	30	PFAKE	LR	04 30 20.0 +7.8
BRAL	Brewton	136.78	42	PFAKE	LR	04 30 30.0 +1.7
CBN	Corbin Frederi	136.84	26	PFAKE	LR	04 30 30.0 +1.7
PLCA	Paso Flores	137.02	163	PKP	PKP	04 30 14.6 +0.9
GOGA	Godfrey	137.42	36	PFAKE	LR	04 30 30.0 +1.6
ASCN	Ascension	138.67	258	PFAKE	LR	04 30 30.0 +1.3
CNNC	Cliffs of the	139.03	29	PFAKE	LR	04 30 30.0 +1.3

TRQA	Tornquist	141.53	171	ePKPdf	LR	04 30 17.8 -4.1
TEIG	TEIG	141.81	56	PFAKE	LR	04 30 30.0 +7.2
ROCI	El Roble	143.86	157	eP	PKPdf	04 30 26.2 -0.3
AAGR	Agrelo	144.56	160	eP	PKPdf	04 30 27.2 -0.3
ASAL	Salagasta	145.01	159	eP	PKPdf	04 30 29.1 +0.8
AUSP	Uspallata	145.14	158	eP	PKPdf	04 30 29.7 +0.9
RTLS	Leoncito	145.56	158	eP	PKPab	04 30 31.1 +1.2
RTCV	Cerro Valdivia	145.78	159	eP	PKPab	04 30 31.1 +0.6
ATCAN	Cantantal	145.85	162	eP	PKPab	04 30 31.8 +1.1
ATMLL	Cerro Villucun	146.28	159	eP	PKPbc	04 30 31.4 -0.1
RMOG	MOGNA	146.63	159	eP	PKPab	04 30 33.7 -0.1
AUSP	Chopaca	147.04	162	eP	PKPdf	04 30 34.8 +0.8
AVFE	Valle Fertil	147.25	160	eP	PKPbc	04 30 33.5 -1.0
LCO	Las Campanas	147.45	154	ePKPbc	PKPbc	04 30 35.9 +0.7
TCA	Tanti	147.48	165	eP	PKPbc	04 30 35.3 +0.3
AGUA	GUANDACOL	147.94	158	eP	PKPbc	04 30 36.7 +0.4
ACLCL	CERRO LA CRUZ	148.55	160	eP	PKPbc	04 30 37.1 -1.0
JTS	JuntasAbangare	148.58	70	ePKPbc	LR	04 30 39.0 +0.7
VCA	Vinchina	148.72	157	eP	PKPbc	04 30 39.9 +1.4
CYA	Choya	149.84	161	eP	PKPdf	04 30 37.1 +0.8
MTDJ	Mount Denham	151.47	50	PFAKE	LR	04 30 50.0 -3.7
AHML	Horco Molle	151.53	160	eP	PKPbc	

2019 JAN

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like Prado, San Juan de Ar, Santa Helena.

ISCJB 08 04:48:44.2.0.7, 12'6N:0.1:87.1W:0.1, h171km, 7km, mb3.5/3, Error ellipse: s-maj=26.4km s-min=7.9km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like Telica 3, Cerro Negro, Momi, Copalpete, etc.

ISCJB 08 04:51:46.6.1.2, 28'40S:0.04:70.31W:0.08, h97km, 13km, Error ellipse: s-maj=11.7km s-min=6.5km az=2.9

GUC 08 04:51:47.5.1.1, 28'41S:70.45W, h85km, 12km, ML2.5

ISC 08 04:51:45.7.2.1, 28.37S:0.05:70.42W, 0.08, h111km, 18km, n15, 0.1916/23, 1C-2D, Central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like Vallenar, Copiapo, Caldera, La Serena, etc.

IDC 08 04:56:25.5.2.2, 31'33S:177.92W, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.5/29, mbtmp3.4/3, Error ellipse: s-maj=65.6km s-min=42.7km az=43.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like Alice Springs, Warramunga Arr, South Pole Qui, etc.

ISCJB 08 04:59:44.5.0.7, 26'76N:0.09:143.87E:0.05, h10km, mb3.6/11, MS3.9/1, Error ellipse: s-maj=12.6km s-min=5.9km az=0.1

IDC 08 04:59:44.6.0.9, 26'67N:143.84E, h0km, mb3.4/8, mb1 3.7/9, mb1mx3.6/35, mbtmp3.4/9, ML3.5/1, MS3.8/1, Ms1 3.8/1, ms1mx2.7/29, Error ellipse: s-maj=24.1km s-min=22.0km az=84.0

NEIC 08 04:59:45.1.6.8, 26'64N:143.83E, h5km, 41km, mb4.1/3, Error ellipse: s-maj=19.4km s-min=11.8km az=113.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like Haha-jima-NKT, Chichi jima, Chichijima, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like Makanchi Array, Kodiak Island, Coldfoot, etc.

WEL 08 05:28.2.0.5, 38.03S:175.97E, h139km, 5km, ML3.6/13, 4C-3D, Error ellipse: s-maj=5.0km s-min=3.9km az=90.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like Marea Rd, Urewera, Black Stump Fm, etc.

ISCJB 08 05:50:39.3.0.6, 50'12N:0.04:18.38E:0.03, h0km, Error ellipse: s-maj=5.5km s-min=2.8km az=8.0

IPEC 08 05:50:40.9.0.2, 50'07N:18.45E, h1km, 2km, ML1.5/3, Error ellipse: s-maj=2.0km s-min=1.1km az=160.0

CSEM 08 05:50:40.9.0.3, 50'08N:18.41E, h1km, ML2.6/5, Error ellipse: s-maj=6.2km s-min=2.9km az=5.0

ISC 08 05:50:40.9.0.8, 50'07N:0.04:18.45E:0.02, h0km, n26, 0.192/41, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like Raciborz, Ostrava-Krasne, Moravsky Berou, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like n32, 0.1524/42, 4C-10D, Central Chile, Chillan, Cobquecura, Los Niches, etc.

IDC 08 06:03:36.0.1.5, 43'77N:86.70E, h0km, mb3.6/6, mb1 3.7/11, mb1mx3.5/53, mbtmp3.6/11, ML3.2/5, Error ellipse: s-maj=26.5km s-min=18.6km az=36.0

ISCJB 08 06:03:36.2.0.7, 43'59N:108.66:47E:0.06, h10km, mb3.6/6, Error ellipse: s-maj=12.5km s-min=5.3km az=13.8

NNC 08 06:03:36.9.4.0, 43'72N:86.38E, h0km, mb3.5, mpv3.3, Error ellipse: s-maj=37.9km s-min=21.4km az=84.0

BUII 08 06:03:38.6.43:42N:86.45E, h8km, mb3.2/ML3.6/10

ISC 08 06:03:38.1.0.8, 43'31N:109.86:64E:0.06, h10km, n24, 0.192/27, mb3.5/6, 10C-11D, Northern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res. Includes stations like Urumqi, Makanchi Array, Cerro Calan, etc.

Table with columns: STHS, Station Name, Azimuth, Elevation, Pmax, P, Time, Res. Includes stations like Stebnicka Huta, Ojcow, NORRAR Subarra, etc.

IDC 08 06:54:57.0.2.8,54:47N,86:44E, h0km, mb1 3.1/3, mb1mx2.9/42, mbtmp3.1/3, ML2.9/2, Error ellipse: s-maj=23.6km s-min=13.1km az=59.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

MAN 08 06:58:33,18:67N,120:71E, h14km, mb4.7, ML3.6, MS3.5, 2C-1D, Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PASUQUIN, BRGY, TAPAO, etc.

ISCJB 08 07:11:55.0.1.1, 4.7S, 0.2x153.8E, 0.2, h100km, mb3.7/8, Error ellipse: s-maj=34.0km s-min=10.9km az=39.0

IDC 08 07:11:57.9.5.8, 4.67S, 153.79E, h12km, 46km, mb3.6/8, mb1 3.8/9, mb1mx3.6/38, mbtmp4.1/9, MS2.8/1, Ms1 2.8/1, ms1mx2.3/30, Error ellipse: s-maj=50.3km s-min=23.5km az=102.0

ISC 08 07:11:56.5.1.3, 4.7S, 0.2, 153.8E, 0.2, h100km, n11, s=090/12, mb3.7/8, New Ireland region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HNR Honiara, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SONMG Songo Array, MKAR Makanchi Array, etc.

ISCJB 08 07:26:33.6.0.8, 23:78S, 0:10, 179:9E, 0.2, h526km, mb3.9/7, Error ellipse: s-maj=18.8km s-min=12.4km az=15.5

IDC 08 07:26:33.7.1.9, 23:77S, 179:97E, h516km, mb3.5/8, mb1 3.8/8, mb1mx3.4/26, mbtmp4.4/8, Error ellipse: s-maj=29.8km s-min=17.6km az=162.0

ISC 08 07:26:34.2.0.8, 23:9S, 0:1, 180:0E, 0.2, h526km, n11, s=195/16, mb3.9/7, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like URZ Urewera, STKA Stephens Creek, etc.

DDA 08 07:26:54.9, 38:62N, 25:14E, h6km, Md2.7, ISK 08 07:27:14.2, 39:08N, 25:76E, h9km, MD2.6

CSEI 08 07:27:15.1, 3.39, 09N, 25:77E, h8km, MD2.6, Error ellipse: s-maj=26.6km s-min=14.1km az=63.0

ISC 08 07:27:13.7.3.7, 39.1N, 0:1, 25:7E, 0.2, h12km, 8km, n11, s=040/16, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SIGR SIGRI, BOZC Bozcaada, etc.

IDC 08 07:31:57.0.2.5, 54:31N, 85:99E, h0km, mb1 2.6/2, mb1mx2.6/45, mbtmp3.6/2, ML2.4/2, Error ellipse: s-maj=18.5km s-min=12.1km az=50.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

IDC 08 07:37:19.0.1.6, 1.78S, 120:79E, h0km, mb3.3/3, mb1 3.5/4, mb1mx3.2/41, mbtmp3.3/4, ML3.4/1, MS2.3/1, Ms1 2.3/1, ms1mx2.1/21, Error ellipse: s-maj=53.1km s-min=23.2km az=82.0

DJA 08 07:37:22.7.0.3, 2.3S, 12:1E, h10km, M3.6/7, MLV3.6/7, ISK 08 07:37:23.8.0.6, 1.88S, 0:04, 120:55E, 0.06, h33km, mb3.2/3, Error ellipse: s-maj=9.3km s-min=5.3km az=20.5

ISC 08 07:37:24.0.1.0, 1.86S, 0:04, 120:51E, 0.06, h33km, n11, s=193/15, mb3.1/3, Sulawesi

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PCI Palu, TTSI Tana Toraja, etc.

IDC 08 07:38:31.4.3.0, 14:25S, 66:55E, h0km, mb3.4/3, mb1 3.4/3, mb1mx3.2/46, mbtmp3.4/3, MS3.4/6, Ms1 3.4/6, ms1mx3.1/21, Error ellipse: s-maj=43.3km s-min=43.5km az=59.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H08N1 Diego Garcia H, H08N2 Diego Garcia H, etc.

MEX 08 07:42:12.7.0.5, 17:58N, 95:74W, h45km, 66km, MD4.0, Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OXBJ Oaxaca, OXBI Vista Hermosa, etc.

NIED 08 07:47:00.4.1, 90N, 141:50E, h101km, Mw4.1 Best double couple: M1.40000, 1015 NP1:188.00000, s44.00000, lambda-127.00000, NP2:55.00000, s56.00000, lambda-59.00000

MOS 08 07:47:46.7.1.1, 41:99N, 141:51E, h123km, mb4.2/23, Error ellipse: s-maj=9.8km s-min=7.6km az=91.6

ISCJB 08 07:47:46.5.0.2, 41:94N, 0:02, 141:46E, 0:03, h114km, 1km, mb4.6/10, Error ellipse: s-maj=4.5km s-min=3.1km az=140.3

JMA 08 07:47:47.0.1, 41:38N, 141:50E, h109km, 1km, M3.7 Broadband fault plane solution: P waves, NP1: s62.00000, s56.00000, lambda-63.00000, NP2:200.00000, s43.00000, lambda-123.00000, Principal axes: T P1g7.00000, Azm113.00000; N P1g22.00000, Azm26.00000; P P1g67.00000, Azm27.00000

JMA Felt J1, BUJ 08 07:47:47.7, 42:00N, 141:40E, h109km, mb4.7/19, mb4.9/12

IDC 08 07:47:48.3.1.1, 42:03N, 141:40E, h121km, 9km, mb3.8/27, mb1 3.9/32, mb1mx3.8/42, mbtmp4.1/32, Error ellipse: s-maj=11.4km s-min=9.2km az=138.0

NEIC 08 07:47:48.3.0.5, 41:99N, 141:40E, h116km, 4km, mb4.8/68, Error ellipse: s-maj=6.1km s-min=4.0km az=157.0

NEIC Felt at Misawa, Honshu, ISC 08 07:47:47.3.0.5, 41:91N, 0:03, 141:49E, 0:03, h114km, 4km, n190, s125/214, mb4.7/102, 10C-14D, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JKB Kayabe, JOT Ohata, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JER Erimo, JFM Furan, etc.

YUK Yuzh-Kuril'sk 3.84 55C/P, YUK comp=E, 92m, 0.2s, pmax pmax

YUK comp=Z, 194m, 0.2s, pmax pmax

YUK comp=N, 95m, 0.1s, pmax pmax

YUK comp=E, 11m, 0.6s, smax smax

YUK comp=N, 815m, 0.5s, smax smax

SHO Shikotan 4.38 62D/P, SHO comp=E, 30m, 0.1s, pmax pmax

SHO comp=Z, 24m, 0.1s, pmax pmax

SHO comp=N, 43m, 0.2s, pmax pmax

SHO comp=N, 899m, 0.4s, smax smax

SHO comp=E, 320m, 0.3s, smax smax

YSS Yuzh-Skhalins 5.12 10 ePn, MAJO Matushiro 5.94 207 ePn, MAT Matushiro 5.94 207 ePn

MAT Matushiro 5.94 206 ePn, UGL Uglegorsk 7.18 3 ePn

USKR Ussuriysk Arr 7.33 291 P, MSRH Msh Shults 7.70 276 ePn, HABR Khabarovsk 7.96 327 ePn

HABR comp=E, 23m, 1.5s, pmax pmax, HABR comp=Z, 46m, 1.5s, pmax pmax

HABR comp=N, 13m, 1.5s, pmax pmax, KSRS Korea Array 11.36 251 P, KSAR Wonju Array 11.40 251 P

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VVDA, VVDA, VVDA, ZEI, KBZ, KMBO, etc.

IDC 08:19:08.2, 2.6, 54.16N, 87.10E, h0km, mb1 3.0/3, mb1mx2.9/47, mbtmt3.0/3, ML2.8/3, Error ellipse: s-maj=23.2km s-min=13.7km az=65.0, Southwestern Siberia

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

GUC 08:25:01.5, 0.6, 34.59S, 72.13W, h25km, 5km, ML3.9, 7C-1D, Near coast of central Chile

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

NEIC 08:24:30.8, 0.9, 22.48S, 174.16W, h35km, mb4 9/15, Error ellipse: s-maj=28.6km s-min=15.1km az=118.0

ISCJB 08:25:48.0, 0.7, 25.95S, 0.04, 179.17W, h40.1, h450km, mb4 0/19, Error ellipse: s-maj=15.2km s-min=5.4km az=174.4

IDC 08:25:47.3, 2.3, 25.65S, 179.42W, h406km, 21km, mb3.5/13, mb 1 3.7/13, mb1mx3.6/32, mbtmt4.2/13, Error ellipse: s-maj=18.1km s-min=15.0km az=91.0

ISC 08:25:50.5, 0.6, 26.04S, 0.07, 179.2W, 0.1, h450km, n71, s=156/76, mb4 0/19, South of Fiji Islands

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

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

IDC 08:19:08.2, 2.6, 54.16N, 87.10E, h0km, mb1 3.0/3, mb1mx2.9/47, mbtmt3.0/3, ML2.8/3, Error ellipse: s-maj=23.2km s-min=13.7km az=65.0, Southwestern Siberia

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

JMA 08:09:20.0, 0.1, 27.79N, 143.37E, h43km, M3.8, Bonin Islands region

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

CASC 08:09:21.1, 1.8, 2.5, 8.28N, 82.74W, h6km, 14km, MD3.8, MW3.1, 1D, Panama-Costa Rica border region

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

IDC 08:56:37.0, 2.2, 54.20N, 87.17E, h0km, mb1 2.9/2, mb1mx2.8/51, mbtmt2.9/2, ML2.4/2, 5C-1D, Error ellipse: s-maj=25.0km s-min=15.9km az=66.0, Southwestern Siberia

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

IDC 08:56:37.0, 2.2, 54.20N, 87.17E, h0km, mb1 2.9/2, mb1mx2.8/51, mbtmt2.9/2, ML2.4/2, 5C-1D, Error ellipse: s-maj=25.0km s-min=15.9km az=66.0, Southwestern Siberia

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV, KURBB, MK31, etc.

IDC 08:09:04.4, 1.7, 7.0, 46.33N, 149.13E, h170km, 45km, mb3.1/8, mb1 3.3/9, mb1mx3.0/38, mbtmt3.5/9, Error ellipse: s-maj=85.9km s-min=20.3km az=167.0

ISC 08:09:04.4, 0.3, 3.2, 46.0N, 0.35, 149.2E, 0.3, h150km, n15, s=45/45, 10, mb3.3/8, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PETK, H112, H111, etc.

RSNC 08:09:17.28, 7.0, 8.680N, 73.13W, h145km, 6km, ML2.5, 1C-1D, Northern Colombia

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

JMA 08:09:20.0, 0.1, 27.79N, 143.37E, h43km, M3.8, Bonin Islands region

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

CASC 08:09:21.1, 1.8, 2.5, 8.28N, 82.74W, h6km, 14km, MD3.8, MW3.1, 1D, Panama-Costa Rica border region

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

IDC 08:56:37.0, 2.2, 54.20N, 87.17E, h0km, mb1 2.9/2, mb1mx2.8/51, mbtmt2.9/2, ML2.4/2, 5C-1D, Error ellipse: s-maj=25.0km s-min=15.9km az=66.0, Southwestern Siberia

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

IDC 08:56:37.0, 2.2, 54.20N, 87.17E, h0km, mb1 2.9/2, mb1mx2.8/51, mbtmt2.9/2, ML2.4/2, 5C-1D, Error ellipse: s-maj=25.0km s-min=15.9km az=66.0, Southwestern Siberia

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

Table with columns: ZALV, Lg, Lg, 09 26 06.7, 09 27 07.0 +1.1, 09 27 33.5 +1.0, 09 29 01.4 -1.0, 09 29 45.8

ISCJB 08 09:30:14.6:0.6, 2.4:41N:0.05:141.2E:0.1, h150km, mb3.5/11, Error ellipse: s-maj=14.8km s-min=6.1km az=9.4

IDC 08 09:30:15.5:2.0, 2.4:26N:141.50E, h148km, 18km, mb3.4/11, mb1 3.5/14, mb1mx3.3/47, mbtmp3.9/14, Error ellipse: s-maj=26.4km s-min=12.6km az=89.9

JMA 08 09:30:19.2:0.2, 2.4:33N:140.81E, h112km, M4.4, ISC 08 09:30:16.2:0.8, 2.4:39N:0.08:141.4E:0.2, h150km, n27, s-maj=55.8km s-min=25.9km az=112.0, New Ireland region

Main table for 8d 10h section, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 08 09:32:22.0:0.5, 9.99N:126.12E, h0km, mb3.4/30, mb1 4.4/30, mb1mx4.3/44, mbtmp4.3/30, MS3.8/21, Ms1 3.7/21, ms1mx3.6/45, Error ellipse: s-maj=19.7km s-min=11.1km az=80.0

ISCJB 08 09:32:28.8:0.7, 10.04N:0.03:126.34E:0.05, h66km, 7km, mb4.0C/4, Error ellipse: s-maj=9.0km s-min=5.1km az=158.5

MAN 08 09:32:28.9:9.95N:126.19E, h1km, mb4.7, ML3.6, MS3.5, MAN INTENSITY II - LORETO DINAGAT ISLANDS. NEIC 08 09:32:33.4:0.8, 9.93N:126.10E, h94km, 8km, mb4.4/4, Error ellipse: s-maj=10.5km s-min=5.3km az=78.0

NEIC Felt [II PIVS] at Loreto, Dinagat Island. ISC 08 09:32:29.3:1.2, 10.06N:0.04:126.30E:0.07, h53km, 11km, n71, i=135/70, mb4.4/34, MS3.8/19, 4C-4D, Philippine Islands region

Main table for 8d 10h section, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: CTA, Charters Tower, 35.82 147 P, 09 39 23.6 -0.3, ASAJ, Asahikawa, 36.76 20 P, 09 39 34.1 +2.5, ASAJ, 09 56 15.2, HNR, Honiara, 38.68 119 LR, 09 53 50.5, H11S3, WAKE ISLAND Hy 39.95 73 T, 10 22 50.4, H11S1, WAKE ISLAND Hy 39.97 73 T, 10 22 51.7, H11S2, WAKE ISLAND Hy 39.97 73 T, 10 23 00.8, H11N1, WAKE ISLAND Hy 40.29 71 T, 10 23 18.1, H11N2, WAKE ISLAND Hy 40.30 71 T, 10 23 25.6, H11N3, WAKE ISLAND Hy 40.31 71 T, 10 23 19.6, ULN, Ulaanbaatar, 41.03 340 eP, 09 40 07.8 +0.3, SONM, Songoing Array, 41.23 340 P, 09 40 09.2 0.0, SONM, 09 42 07.8 +0.5, SONM, 09 59 56.1, STKA, Stephens Creek, 44.19 161 P, 09 40 33.4 +0.2, STKA, 10 01 21.0, TLY, Talaya, 45.45 340 P, 09 40 43.6 +0.7, PETK, Petropavlovsk, 49.82 24 P, 09 41 18.0 +1.2, PETK, 10 02 02.1, YAK, Yakutsk, 51.94 2 P, 09 41 33.0 +0.5, YAK, 10 06 04.0, MKAR, Makanchi Array, 52.22 323 P, 09 41 34.5 -0.5, MKAR, 10 04 57.3, MA2, Magadan, 52.73 15 LR, 09 41 39.7 +1.2, ZALV, Zalesovo Beam, 54.83 331 P, 09 41 52.9 -1.0, ZALV, 10 08 00.3, ZALV, 10 08 00.3, SEY, Seymchan, 56.02 14 LR, 09 42 03.0 +0.7, KUR, Kurudav, 56.26 326 P, 09 42 03.4 -0.8, KURBB, Kurchatov Arra, 56.27 325 P, 09 42 03.4 -0.9, KKR, Karatay Arra, 54.22 315 eP, 09 42 18.4 -1.4, NRK, NRK, 64.23 346 P, 09 42 58.5 +0.1, NRK, 10 14 24.9, GEYT, Alibek, 66.70 307 P, 09 43 14.8 -0.3, ABKAR, Abkarak array, 67.06 319 eP, 09 43 16.2 -0.8, AKTO, Aktyubinsk, 68.51 320 LR, 10 15 45.5, ARU, Art, 69.42 327 eP, 09 43 30.6 -1.1, KDAK, Kodiak Island, 76.82 33 P, 09 44 16.1 +0.8, RAYN, Ar Ray, 78.62 292 P, 09 44 20.2 -0.7, KBZ, Khabaz, 78.38 313 LR, 09 44 20.2 -0.7, ILAR, Eielson Array, 79.62 26 P, 09 44 30.6 -0.1, ARCES, ARCES Array B, 84.40 340 P, 09 44 56.0 +0.2, ARCES, 10 24 42.5, INK, Inuvik, 84.47 22 P, 09 44 56.9 +0.8, BRTR, Keskin Array B, 85.69 309 P, 09 45 01.9 -1.0, FINES, FINES Array B, 86.09 332 P, 09 45 03.5 -0.7, AKASO, Malin Array Be, 86.75 321 P, 09 45 06.8 -0.9, MKAW, Kilauea, 89.25 269 LR, 09 45 27.7, MMB, Mawson, 89.51 200 P, 09 45 21.3 +1.0, MAW, 10 26 28.9, YKA, Yellowknife Arr, 93.94 24 P, 09 45 42.0 +0.9, GERES, GERES Array B, 96.88 322 LR, 10 32 30.9, TXAR, Lajitas Array, 117.94 49 PKP, 09 51 11.2 +0.3, TORO, Tori Arr, Bea, 120.38 292 PKP, 09 51 15.3 -0.5, PLCA, Paso Flores, 146.00 157 PKPbc, 09 52 04.0 -0.1

Table with columns: PEL, PEL, comp=E, 3um, 0.4s, SAN, Santiago, 1.35 95 fP, 09 42 08.8 +1.6, ANTU, Antumapu, 1.39 100 fP, 09 42 08.5 +1.8, ANTU, 09 42 27.8 +2.9, ANTU, 09 42 32.4, CLCH, Cerro Calan, 1.46 93 fP, 09 42 10.2 +1.6, CLCH, 09 42 30.2 +3.6, CLCH, 09 42 36.4, FSR, Penalolen, 1.47 96 fP, 09 42 11.8 +3.1, FSR, 09 42 30.5 +3.6, CHCH, Chadas Angostu, 1.48 114 eP, 09 42 10.5 +1.7

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

IDC 08 09:53:02.8:5.3, 4.71S:153.40E, h148km, 44km, mb3.3/5, mb1 3.6/6, mb1mx3.3/39, mbtmp3.8/6, Error ellipse: s-maj=55.8km s-min=25.9km az=112.0, New Ireland region

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

IDC 08 09:59:38.1:2.6, 5.4:17N:86.18E, h0km, mb1 2.5/2, mb1mx2.5/36, mbtmp2.5/2, ML2.2/2, Error ellipse: s-maj=19.5km s-min=11.3km az=61.0, Southwestern Siberia

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

IDC 08 10:02:56.1:1.1, 1.26N:117.70E, h0km, mb3.6/7, mb1 3.7/7, mb1mx3.5/42, mbtmp3.6/7, MS3.1/4, Ms1 3.1/4, ms1mx2.7/39, Error ellipse: s-maj=156.6km s-min=16.7km az=61.0, Borneo

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

ISCJB 08 10:07:14.2:0.6, 50.22N:0.04:19.19E:0.03, h0km, Error ellipse: s-maj=6.1km s-min=2.8km az=10.6

PRU 08 10:07:15.7, 50.21N:19.20E, h0km, Error ellipse: s-maj=2.9km s-min=1.1km az=169.0

ISEC 08 10:07:15.2:0.2, 50.23N:19.27E, h0km, 1km, ML1.9/3, Error ellipse: s-maj=2.9km s-min=1.1km az=169.0

CSEM 08 10:07:15.1:0.3, 50.21N:19.20E, h2km, ML2.7/6, Error ellipse: s-maj=5.6km s-min=3.8km az=10.0

ISC 08 10:07:15.2:0.8, 50.16N:0.05:19.23E:0.02, h0km, n28, i=121/45, Poland

Main table for 8d 10h section, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 08 09:35:12.2:1.2, 10.10N:126.10E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.7/36, mbtmp3.8/7, Error ellipse: s-maj=92.7km s-min=24.7km az=70.0

ISCJB 08 09:35:16.0:0.8, 10.12N:126.47E:0.06, h42km, mb3.8/7, Error ellipse: s-maj=11.0km s-min=8.4km az=12.2

MAN 08 09:35:16.10:0.9N:126.26E, h1km, mb4.8, ML3.7, MS3.7, ISC 08 09:35:18.0:0.9, 10.07N:0.06:126.40E:0.09, h42km, n22, i=161/18, mb3.9/7, 2D, Philippine Islands region

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

GUC 08 09:41:44.6:0.9, 33.34S:72.28W, h44km, 7km, ML3.6, 6C, Off coast of central Chile

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

KHC Kasperske Hory 3.81 257 eSG Sg 10 09 15.9 -1.7
KHC Kasperske Hory 3.81 257 Sg Sg 10 09 15.9 -1.7

IDC 08 10:10:08.8s.1.35:89N:71.16E, h94km, 31km, mb3.4/8,
mb1 3.5/14, mb1mx3.3/58, mbtmp3.7/14, MS3.4/1,
Ms1 3.4/1, ms1mx2.5/29, Error ellipse: s-maj=58.9km
s-min=21.9km az=152.0

NNC 08 10:10:17.3s.4.2:66N:70.65E, h102km, 92km, mb3.4,
mpv3.9, Error ellipse: s-maj=31.5km s-min=30.1km
az=179.0

ISC 08 10:10:11.1s.1.5:362N:01.71E, 0.1, h100km, n29,
01501/31, mb3.4/7, 6C-4D, Afghanistan-Tajikistan border
region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like AML Almayashu, MNAS Manas, UCH Uchtor, etc.

ISCJB 08 10:18:13.9s.0.24:35N:0.05:141.4E:0.1, h148km,
mb3.4/7, Error ellipse: s-maj=17.9km s-min=7.2km az=9.9

IDC 08 10:18:13.5s.3.2:16N:141.67E, h190km, 1km, mb3.3/7,
mb1 3.5/10, mb1mx3.2/45, mbtmp3.8/10, Error ellipse:
s-maj=33.4km s-min=17.1km az=89.0

JMA 08 10:18:15.4s.0.3:24.42N:140.92E, h103km, M4.7
ISC 08 10:18:15.2s.1.0:24.37N:0.09:141.3E:0.2, h148km, n18,
01512/20, mb3.6/7, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JHHJ Haha-jima-NKT, CBJJ Chichijima, etc.

SJA 08 10:22:04.6s.0.6:31S:55.68:97W, h103km, 4km, ML5.4,
MW4.5, San Juan Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like RTL5 Leoncito, RTLL Cerro Villicun, etc.

ISCJB 08 10:26:50.8s.1.1.37:3N:0.1:42.61E:0.08, h10km, Error
ellipse: s-maj=16.7km s-min=6.9km az=24.0

ISK 08 10:26:50.2s.37:31N:42:59E, h11km, MD2.4
CSEM 08 10:26:50.2s.0.4:37:21N:42:52E, h2km, MD2.4, Error
ellipse: s-maj=12.4km s-min=6.7km az=34.0

ISN 08 10:27:11.5s.20.0:35:86N:42:60E, h0km, 92km, ML2.9
ISC 08 10:26:51.1s.1.3:37:30N:0.09:42:58E:0.04, h10km, n17,
0057/12, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SIRT Sirmak, SIUT Cukurca, etc.

ISCJB 08 10:29:48.7s.0.5:30:15N:0.03:51.69E:0.06, h15km, Error
ellipse: s-maj=7.5km s-min=4.2km az=165.3

CSEM 08 10:29:48.6s.0.3:30:17N:51:70E, h2km, ML3.4, Error
ellipse: s-maj=9.9km s-min=6.0km az=68.0

TEH 08 10:29:49.4s.0.4:30:13N:51:68E, h8km, ML3.4
THR 08 10:29:49.5s.0.4:30:25N:51:74E, h14km, 1km, ML3.6
ISC 08 10:29:50.1s.1.30:15N:0.05:51.74E:0.05, h15km, n45,
01505/42, 12C-12D, Northern and central Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like IKAZ Kazeroun, IPAR Pars, etc.

ISCJB 08 10:31:13.9s.0.24:35N:0.05:141.4E:0.1, h148km,
mb3.4/7, Error ellipse: s-maj=17.9km s-min=7.2km az=9.9

IDC 08 10:31:13.5s.3.2:16N:141.67E, h190km, 1km, mb3.3/7,
mb1 3.5/10, mb1mx3.2/45, mbtmp3.8/10, Error ellipse:
s-maj=33.4km s-min=17.1km az=89.0

JMA 08 10:31:15.4s.0.3:24.42N:140.92E, h103km, M4.7
ISC 08 10:31:15.2s.1.0:24.37N:0.09:141.3E:0.2, h148km, n18,
01512/20, mb3.6/7, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like IMEH Mehriz, IZEF Zefreh, etc.

SJA 08 10:39:39.1s.6.33:93N:25:73E, h28km, mb4.2/16, Error
ellipse: s-maj=7.7km s-min=4.0km az=88.1

CSEM 08 11:09:39.4s.0.2:33:91N:25:74E, h10km, mb4.2/12, Error
ellipse: s-maj=3.5km s-min=3.6km az=17.0

HLW 08 11:09:40.5s.34:14N:25:56E, h30km, 1.7km, Md3.9
THE 08 11:09:40.9s.33:99N:25:63E, h0km, 1km, ML3.6/6, Error
ellipse: s-maj=3.7km s-min=0.9km az=174.0

ISK 08 11:09:50.8s.34:79N:25:98E, h21km, ML3.5
ISC 08 11:09:40.2s.1.33:93N:0.03:25.74E:0.03, h20km, 4km,
n342, 01547/386, mb4.0/19, MS3.6/8, 1C-5D, Eastern
Mediterranean Sea

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

IRAZ comp=N,105nm,0.3s eAMB AMB 10 31 05.5
IFIR Firoozkooh 5.55 9/ePn Pn 10 31 11.7 -0.6

IFIR Firoozkooh 5.55 9/ePn Pn 10 31 11.7 -0.6
IFIR comp=E,104nm,0.1s eAMB AMB 10 31 14.3

IFIR comp=E,164nm,0.1s eAMB AMB 10 31 15.0
IFIR comp=N,100nm,0.1s eAMB AMB 10 31 30.1

IANJ Anjilo 5.61 18/ePn Pn 10 31 13.1 -0.1
IANJ Anjilo 5.61 18/ePn Pn 10 31 13.1 -0.1
IANJ comp=Z,110nm,0.3s eAMB AMB 10 31 41.1

IVIS comp=N,394nm,0.2s 6.01 318 eAMB AMB 10 32 25.6
IVIS comp=Z,168nm,0.1s eAMB AMB 10 32 25.9

IVIS comp=E,234nm,0.2s eAMB AMB 10 32 30.4
IGHG Ghaleghazi 6.05 315 ePn Pn 10 31 18.3 -0.8

IGHG Ghaleghazi 6.05 315 ePn Pn 10 31 18.3 -0.8
IGHG comp=Z,639nm,0.1s eAMB AMB 10 32 53.6

IGHG comp=E,656nm,0.2s eAMB AMB 10 33 04.7
IGHG comp=N,1jm,0.2s eAMB AMB 10 33 05.7

ILIN Lien 6.24 321/ePn Pn 10 31 20.1 -1.7
ILIN Lien 6.24 321/ePn Pn 10 31 20.1 -1.7
ILIN comp=Z,320nm,0.2s eAMB AMB 10 32 32.1

ILIN comp=E,411nm,0.1s eAMB AMB 10 32 33.7
ILIN comp=N,638nm,0.1s eAMB AMB 10 32 33.8

IDHR Dehrash 6.41 317/ePn Pn 10 31 22.5 -1.6
IDHR Dehrash 6.41 317/ePn Pn 10 32 35.8
IDHR comp=E,1jm,0.3s eAMB AMB 10 32 41.7

IDHR comp=N,807nm,0.2s eAMB AMB 10 32 41.7
IDHR comp=Z,541nm,0.2s eAMB AMB 10 32 41.7

ISCJB 08 10:42:13.9s.0.5:38:70N:0.03:39.95E:0.04, h11km, 6km,
Error ellipse: s-maj=5.8km s-min=4.7km az=6.2

ISK 08 10:42:13.6s.38:74N:39:97E, h16km, MD2.8, Error
ellipse: s-maj=7.1km s-min=5.6km az=13.0

DDA 08 10:42:14.3s.38:69N:39:98E, h20km, MD2.8, Error
ellipse: s-maj=7.1km s-min=5.6km az=13.0
ISC 08 10:42:13.7s.1.0:38:68N:0.03:39.93E:0.02, h15km, 10km,
n27, 0044/37, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PTK Pertek, BINI Bingol, etc.

SJA 08 10:54:50.6s.0.4:32:18S:69.49W, h106km, 2km, ML4.3,
MW3.8, Mendoza Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like AUSP Uspallata, RTL5 Leoncito, etc.

ATH 08 11:09:35.7s.73:79N:25:83E, h17km, 1km, ML3.8
IDC 08 11:09:37.0s.0.8:33:94N:25:69E, h0km, mb4.0/15,
mb1 4.1/23, mb1mx4.0/54, mbtmp4.0/23, ML3.8/7, MS3.6/6,
Ms1 3.6/6, ms1mx3.1/39, Error ellipse: s-maj=18.9km
s-min=13.7km az=12.0

ISCJB 08 11:09:38.6s.0.7:33:89N:0.02:25:80E:0.02, h21km, 6km,
mb3.9/19, MS3.5/8, Error ellipse: s-maj=3.7km
s-min=3.0km az=24.1

MOS 08 11:09:39.9s.1.6:33:93N:25:73E, h28km, mb4.2/16, Error
ellipse: s-maj=7.7km s-min=4.0km az=88.1

CSEM 08 11:09:39.4s.0.2:33:91N:25:74E, h10km, mb4.2/12, Error
ellipse: s-maj=3.5km s-min=3.6km az=17.0

HLW 08 11:09:40.5s.34:14N:25:56E, h30km, 1.7km, Md3.9
THE 08 11:09:40.9s.33:99N:25:63E, h0km, 1km, ML3.6/6, Error
ellipse: s-maj=3.7km s-min=0.9km az=174.0

ISK 08 11:09:50.8s.34:79N:25:98E, h21km, ML3.5
ISC 08 11:09:40.2s.1.33:93N:0.03:25.74E:0.03, h20km, 4km,
n342, 01547/386, mb4.0/19, MS3.6/8, 1C-5D, Eastern
Mediterranean Sea

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

ZKR		eSn	Sg	11 10 20.4 -0.2	SWA2		S	Sn	11 11 43.4 -0.1	LTV	L'vov	15.92 356	eP	P	11 13 26.2 -0.3		
ZKR		S	Pn	11 10 21.8 +1.2	EREA	Ererita	4.71 342	ePn	Pn	11 10 50.5 +0.3	KBA	Koelnbreinsper	16.13 328	P	P	11 13 30.7 +1.6	
SIVA	Sivas	1.32 325	ePn	Pn	11 10 03.7 +0.2	EREA	Ererita	4.71 342	ePn	Pn	11 10 50.5 +0.3	KBA	Koelnbreinsper	16.13 328	P	P	11 13 30.7 +1.6
SIVA	Sivas	1.32 325	P	Pn	11 10 03.8 +0.2	VL2	Burial Arab	4.71 336	ePn	Pn	11 10 49.7 -0.5	comp-Z,12nm,0.8s					
SIVA	Neapolis	1.32 325	P	Pn	11 10 03.8 +0.2	HBRG	Barjal Arab	4.83 333	Pn	11 10 53.4 +1.6	KBA	Koelnbreinsper	16.13 328	P	P	11 13 30.7 +1.6	
NPS	Neapolis	1.33 356	P	Pn	11 10 17.5 -3.4	GUR	Goura	4.85 326	ePn	Pn	11 10 52.6 +0.4	NEY	Neytrino	16.19 50	P	Pn	11 13 26.0 -0.6
NPS	Neapolis	1.33 356	ePn	Pn	11 10 02.6 -1.1	GUR	Goura	4.85 326	ePn	Pn	11 10 52.6 +0.4	NEY	Neytrino	16.19 50	P	Pn	11 13 26.0 -0.6
NPS	Neapolis	1.33 356	P	Pb	11 10 04.5 0.0	KORT	Korkueli	4.85 50	iP	Sn	11 10 54.6 +2.4	ONI	Oni	16.36 53	eP	Pn	11 13 28.3 -0.4
NPS	Neapolis	1.33 356	S	Pb	11 10 22.9 -0.4	KORT	Korkueli	4.85 50	iP	Sn	11 11 49.7 +1.8	ONI	Oni	16.36 53	S	Pn	11 13 28.3 -0.4
NPS	Neapolis	1.33 356	ePn	Pb	11 10 02.6 -1.1	KORT	Korkueli	4.85 50	S	Sn	11 11 49.7 +1.8	ONI	Oni	16.36 53	eP	Pn	11 13 28.3 -0.4
NPS	Neapolis	1.33 356	S	Sg	11 10 22.9 -0.4	AMT	Artemida-Makis	4.86 319	ePn	Pn	11 10 55.6 +3.4	MOA	Mollin	16.36 332	iP	Pn	11 13 30.8 -0.6
IACM	Heraklion	1.48 338	ePn	Pb	11 10 06.3 +0.6	AMT	Artemida-Makis	4.86 319	ePn	Pn	11 10 55.6 +3.4	MOA	Mollin	16.36 332	P	Pn	11 13 30.8 -0.6
IACM	Heraklion	1.48 338	P	Pb	11 10 07.0 0.0	KLV	Kalavryta, Ach	5.03 326	ePn	Pn	11 10 56.1 +1.5	KIV	Kislovodsk	16.52 48	iP	Pn	11 13 30.4 -0.4
IACM	Heraklion	1.48 338	ePn	Pb	11 10 06.3 +0.6	KLK	Kalavryta, Ach	5.03 326	ePn	Pn	11 10 56.1 +1.5	KIV	Kislovodsk	16.52 48	iP	Pn	11 13 30.4 -0.4
IACM	Heraklion	1.48 338	P	Pb	11 10 07.0 0.0	KANT	Kantania	5.09 26	P	Pn	11 10 56.8 +1.2	comp-Z,8.0nm,0.4s		MLR	MLR	11 16 38.7 +5.0	
IDI	Anoia	1.52 333	Pn	Pb	11 10 07.1 +0.7	KULA	Kula-Manisa	5.15 26	ePn	Pn	11 10 57.4 +1.2	KIV	comp-Z,69nm,14.0s				
IDI	Anoia	1.52 333	ePn	Pb	11 10 07.3 -0.5	KULA	Kula-Manisa	5.15 26	ePn	Pn	11 10 57.4 +1.2	KIV	comp-Z,69nm,14.0s				
IDI	Anoia	1.52 333	P	Pn	11 10 06.8 +0.4	DESF	Desfina	5.17 331	ePn	Pn	11 10 56.4 -0.1	KIV	comp-Z,69nm,14.0s				
IDI	Anoia	1.52 333	P	Pn	11 10 26.7 0.0	DESF	Desfina	5.17 331	ePn	Pn	11 10 56.4 -0.1	KIV	comp-Z,69nm,14.0s				
IDI	Anoia	1.52 333	P	Pn	11 10 28.4 +0.4	DESF	Desfina	5.17 331	ePn	Pn	11 10 58.5 +2.0	KIV	comp-Z,69nm,14.0s				
IDI	Anoia	1.52 333	ePn	Pb	11 10 07.3 -0.5	DESF	Desfina	5.17 331	ePn	Pn	11 10 58.5 +2.0	KIV	comp-Z,69nm,14.0s				
IDI	Anoia	1.52 333	S	Pb	11 10 26.7 0.0	LKR	Lokris	5.20 336	ePn	Pn	11 10 58.9 +2.0	KIV	comp-Z,69nm,14.0s				
GVD	Gavdhos	1.64 304	ePn	Pn	11 10 08.2 +0.3	LKR	Lokris	5.20 336	ePn	Pn	11 10 58.9 +2.0	KIV	comp-Z,69nm,14.0s				
GVD	Gavdhos	1.64 304	P	Pn	11 10 08.2 +0.3	ATAL	Atlantini	5.23 336	ePn	Pn	11 10 58.9 +2.0	KIV	comp-Z,69nm,14.0s				
GVD	Gavdhos	1.64 304	P	Pn	11 10 08.2 +0.3	ATAL	Atlantini	5.23 336	ePn	Pn	11 10 58.9 +2.0	KIV	comp-Z,69nm,14.0s				
GVD	Gavdhos	1.64 304	S	Pb	11 10 10.2 +0.3	ATAL	Atlantini	5.23 336	ePn	Pn	11 10 58.9 +2.0	KIV	comp-Z,69nm,14.0s				
VAM	Vamos	1.94 320	P	Pn	11 10 12.7 +0.6	LAKA	Lakka	5.26 326	ePn	Pn	11 11 00.1 +2.3	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
VAM	Vamos	1.94 320	ePn	Pn	11 10 12.5 +0.4	SIGR	SIGRI	5.27 1	ePn	Pn	11 10 58.3 +0.5	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
VAM	Vamos	1.94 320	P	Pn	11 10 12.7 +0.6	SIGR	SIGRI	5.27 1	ePn	Pn	11 10 58.3 +0.5	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
VAM	Vamos	1.94 320	P	Pn	11 10 12.7 +0.6	SIGR	SIGRI	5.27 1	ePn	Pn	11 10 58.3 +0.5	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	ePn	Pn	11 10 13.4 +0.6	KALE	Kalitha	5.32 328	ePn	Pn	11 11 00.7 +2.2	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pb	11 10 16.0 +0.2	KALE	Kalitha	5.32 328	ePn	Pn	11 11 00.7 +2.2	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	S	Pb	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	ePn	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli	5.37 33	iP	Sn	11 10 58.5 -2.6	ZEI	Tsey	16.74 53	P	P	11 13 38.1 +2.2
KARP	Karpathos	1.99 36	P	Pn	11 10 14.7 +1.5	KHAL	Karahalli										

Table with columns: TRAV, TRAV, EMV, Vieux Emosson, FUSIO, LSD, LSD, MUGIO, MUGIO. Includes station names like Traversella, Vieux Emosson, FUSIO, Lago del Serru, MUGIO and various parameters.

ISCJB 08 11:34:29.5-1.0, 38.60S-0.05:75.2W:0.1, h10km, mb3.9/10, MS3.3/2, Error ellipse: s-maj=11.5km s-min=7.7km az=167.8

NEIC 08 11:34:32.0, 38.89S:0.07:74.7W, h10km, mb4.6/3, ML4.6(GUC), After GUC.

NEIC Felt [I] at Angol, Puerto Saavedra and Temuco. GUC 08 11:34:32.0, 38.89S:0.07:74.7W, h18km, 15km, ML4.6

ISC 08 11:34:31.5-1.3, 38.74S-0.07:75.1W:0.1, h10km, n36, c176/28, mb4.0/10, 3D, Off coast of central Chile

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including Valdivia, Coquecura, Chillan, Paso Flores, Matakaoa Point, etc.

ISC 08 11:47:07.4-2.0, 16.05S-174.96W, h302km, 23km, mb3.0/4, mb1 3.5/5, mb1mx3.0/39, mbtm3.7/5, Error ellipse: s-maj=157.5km s-min=20.3km az=146.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations for Tonga Islands including Afiamalu, Waramunga Arr, Alice Springs, etc.

ISCJB 08 11:49:19.5-0.6, 13.41S:0.04:09.09W:0.05, h10km, mb3.6/4, Error ellipse: s-maj=6.9km s-min=6.4km az=172.2

ISC 08 11:49:21.9-1.0, 13.55S:48.95W, h0km, mb3.7/3, mb1 4.0/7, mb1mx3.7/30, mbtm3.8/7, ML4.1/3, Error ellipse: s-maj=26.4km s-min=17.7km az=54.0

ISC 08 11:49:21.8-0.7, 13.51S:0.06:49.05W:0.06, h10km, n12, c25/217, mb3.8/4, 1.C, Brazil

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations for Brazil including Brasilia, Patos De Minas, San Ignacio, etc.

Table with columns: CUPU, RCBR, RCBR, RCBR, PTGA, PTGA, LPAZ, LPAZ, TORO, TXAR, TXAR, NVAR, WRA. Includes station names like Rachiuelo, Mangatainoka R, Pitinga, Pataca, etc.

ISC 08 11:51:30.8-5.3, 35.23S:178.79E, h193km, 41km, mb3.7/1, mb1 4.0/2, mb1mx3.4/32, mbtm3.4/32, Error ellipse: s-maj=74.5km s-min=35.0km az=37.0

ISCJB 08 11:51:36.0, 1.0, 36.6:10S:0.09:178.5E:0.2, h269km, 7km, mb3.6/11, Error ellipse: s-maj=22.2km s-min=12.6km az=27.5

NEIC 08 11:51:35.6, 35.74S:178.51E, h228km, MG4.4(WEL), After WEL.

WEL 08 11:51:35.8-0.5, 35.75S:178.50E, h228km, 5km, ML4.4/19, Error ellipse: s-maj=5.8km s-min=5.2km az=0.0

ISC 08 11:51:37.6-1.2, 36.1S:0.1:178.4E:0.1, h254km, 8km, n143, c05/87/152, 1C-6Z, Off east coast of North Island

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including Matakaoa Point, Waionatini S, etc.

ISC 08 11:51:36.8-1.5, 22.20S:173.30E, h0km, mb3.7/7, mb1 4.0/8, mb1mx3.8/33, mbtm3.7/8, ML3.6/1, MS3.9/20, Ms1 3.9/20, ms1mx3.9/28, Error ellipse: s-maj=65.3km s-min=23.5km az=162.0

NEIC 08 11:51:38.2, 1.0, 22.26S:173.33E, h10km, Error ellipse: s-maj=44.6km s-min=15.6km az=162.0

GCMT 08 11:51:44.0-0.3, 22.08S:173.30E, h14km, 1km, MW4.9/6/7, Moment Tensor Solution: m0, c21, s67 c93, Duration: 0, Moment tensor: Scale 1016Nm; Mw=0.68; 13; Mw=0.32; 11; Mw=1.00; 10; Mw=0.06; 21; Mw=2.25; 08; Mw=0.38; 19; Best double couple: M2.36400, 0.05; NP1: 173.00000, 885.00000, lambda=169.00000; NP2: 0.820000, 879.00000, lambda=5.00000; Principal axes: T 2.7080, Plg5.0000, Azm307.0000; N -0.6480, Plg7.0000; Azm195.0000; P -2.0600, Plg12.0000, Azm38.0000; nsta1 refers to surface waves, cutoff=50s.

ISC 08 11:51:42.7-1.3, 22.25S:0.4:173.3E:0.1, h40km, n34, c09/9012, mb3.8/7, MS4.0/14, Southside of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations for Loyalty Islands including Mont Dumac, Urewera, Rata Peaks, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations including Birch Farm, Mangatainoka R, Mangatainoka R, Tintock, etc.

ISC 08 11:51:36.8-1.5, 22.20S:173.30E, h0km, mb3.7/7, mb1 4.0/8, mb1mx3.8/33, mbtm3.7/8, ML3.6/1, MS3.9/20, Ms1 3.9/20, ms1mx3.9/28, Error ellipse: s-maj=65.3km s-min=23.5km az=162.0

NEIC 08 11:51:38.2, 1.0, 22.26S:173.33E, h10km, Error ellipse: s-maj=44.6km s-min=15.6km az=162.0

GCMT 08 11:51:44.0-0.3, 22.08S:173.30E, h14km, 1km, MW4.9/6/7, Moment Tensor Solution: m0, c21, s67 c93, Duration: 0, Moment tensor: Scale 1016Nm; Mw=0.68; 13; Mw=0.32; 11; Mw=1.00; 10; Mw=0.06; 21; Mw=2.25; 08; Mw=0.38; 19; Best double couple: M2.36400, 0.05; NP1: 173.00000, 885.00000, lambda=169.00000; NP2: 0.820000, 879.00000, lambda=5.00000; Principal axes: T 2.7080, Plg5.0000, Azm307.0000; N -0.6480, Plg7.0000; Azm195.0000; P -2.0600, Plg12.0000, Azm38.0000; nsta1 refers to surface waves, cutoff=50s.

ISC 08 11:51:42.7-1.3, 22.25S:0.4:173.3E:0.1, h40km, n34, c09/9012, mb3.8/7, MS4.0/14, Southside of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations including Mont Dumac, Urewera, Rata Peaks, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like CMAR Chiang Mai Arr, YBH Yreka, NVAR Mina Array Bea, etc.

ISK 08 11:52:35.9, 40.16N, 38.10E, h7km, MD2.6
DDA 08 11:52:35.7, 40.14N, 38.05E, h7km, MD2.7
ISCJB 08 11:52:36.0, 0.5, 40.17N, 0.03, 38.09E, 0.04, h8km, 5km,
Error ellipse: s-maj=5.0km s-min=4.6km az=44.5
CSEM 08 11:52:36.0, 0.1, 40.15N, 38.09E, h5km, MD2.7, Error
ellipse: s-maj=3.7km s-min=3.2km az=140.0

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like SUSE Susehri, CUZAR Zara_SIVAS, RSDY Resadiye-TOKAT, etc.

BUJ 08 11:53:41.0, 33.89N, 91.95E, h19km, mb4.1/11, mb4.6/7,
Ms4.2/9, Ms7.4/0.9
ISCJB 08 11:53:44.8, 0.3, 33.99N, 0.04, 92.28E, 0.04, h10km,
mb3.8/9, MS3.5/11, Error ellipse: s-maj=5.9km
s-min=5.0km az=147.3
IDC 08 11:53:44.5, 0.8, 33.83N, 92.17E, h0km, mb3.7/9,
mb1.3/9/14, mb1mx3.7/45, mbtmp3.7/14, ML3.4/5, MS3.5/16,
mb1.3/16, ms1mx3.3/38, Error ellipse: s-maj=34.1km
s-min=16.0km az=55.0
ISC 08 11:53:45.5, 0.6, 33.79N, 0.07, 92.19E, 0.06, h10km, n38,
a=176/25, mb3.9/9, MS3.7/11, Phase ID

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like LSA Lhasa, TAPN Tapplejeng, JIRN Jiri, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like KMI Kunming, XAN Xi'an, MKAR Makanchi Arr, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like ZALV Zalesovo Beam, BVAR Borovoye Arr, GEYT Alybek, etc.

ISCJB 08 11:55:59.7, 0.5, 38.51N, 0.03, 28.87E, 0.03, h2km, 7km,
DDA 08 11:55:59.6, 38.50N, 28.85E, h8km, MD2.5
CSEM 08 11:55:59.0, 0.2, 38.52N, 28.86E, h8km, MD2.4, Error
ellipse: s-maj=5.3km s-min=4.1km az=10.0
ISK 08 11:55:59.2, 38.48N, 28.84E, h12km, MD2.4
ISC 08 11:55:59.9, 1.0, 38.50N, 0.03, 28.86E, 0.02, h7km, 8km,
n25, a=95/40, Turkey

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like KULA Kula-Manisa, MANT Manisa, KHAL Karahalli, etc.

NNC 08 12:14:47.4, 5.2, 38.49N, 74.60E, h0km, mb3.7, mpv3.3,
6C-1D, Error ellipse: s-maj=38.3km s-min=32.9km
az=147.0, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like AAK Ala-Archa, MNAS Manas, TKM2 Tokmak 2, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like PWH Poliokaeaw Pal, PKL Poo Kaluu, AHA Aha, etc.

WEL 08 12:33:23.3, 0.7, 47.39S, 165.36E, h33km, ML3.6/6, 1C-1D,
Error ellipse: s-maj=7.0km s-min=4.7km az=90.0, Off
west coast of South Island

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like PYZ Pyseugur Point, APZ The Paps, DCZ Deep Cove, etc.

ISC 08 12:34:27.9, 4.1, 20N, 36.02E, h4km, MD2.4
ISCJB 08 12:34:30.7, 0.9, 41.05N, 10.36E, 0.04, h6km, 6km,
Error ellipse: s-maj=18.0km s-min=5.4km az=26.0
DDA 08 12:34:30.3, 41.05N, 36.06E, h19km, MD2.5
CSEM 08 12:34:30.2, 0.5, 41.10N, 36.07E, h8km, MD2.5, Error
ellipse: s-maj=18.5km s-min=5.9km az=24.0
ISC 08 12:34:30.2, 1.2, 41.09N, 0.08, 36.06E, 0.04, h7km, 5km,
n12, a=69/231, Turkey

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like KVT Kavak, HAVZ Havza, ERBA Erbaa, etc.

IDC 08 12:35:27.8, 0.7, 54.42N, 169.08E, h0km, mb3.8/24,
mb1.4/0/25, mb1mx3.8/67, mbtmp3.8/25, ML3.5/1, MS3.2/6,
Ms1.3/2/6, ms1mx2.8/45, Error ellipse: s-maj=21.1km
s-min=12.3km az=167.0
ISCJB 08 12:35:28.0, 3.4, 54.15N, 0.05, 169.00E, 0.04, h25km,
mb3.8/28, MS3.1/5, Error ellipse: s-maj=7.0km
s-min=3.4km az=178.8
KRSC 08 12:35:28.2, 2.7, 54.03N, 169.13E, h116km, 88km, ML4.6
NEIC 08 12:35:30.4, 0.3, 54.34N, 169.15E, h20km, mb4.3/3, Error
ellipse: s-maj=10.8km s-min=5.6km az=170.0
MOS 08 12:35:34.1, 0.9, 54.06N, 168.82E, h91km, mb3.8/16, Error
ellipse: s-maj=12.8km s-min=9.5km az=17.0
ISC 08 12:35:29.7, 0.6, 54.01N, 0.06, 169.12E, 0.05, h25km, n82,
a=184/95, mb3.8/28, MS3.2/5, Komandorsky Islands

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like SMY Smy, KBTB Krutoberegovo, SMKR Semkarok, etc.

440A	Kirbyville baz=154	59.72 335	P	P	13 30 08.1 +1.8	U36A	Oologah baz=153	65.42 337	P	P	13 30 44.3 +0.2	M37A	Trindle Farm, baz=156,SNR=5.5	69.37 340	P	P	13 31 10.2 +1.4
538A	Harpers Horsep baz=152	59.86 334	P	P	13 30 08.9 +1.7	X31A	McDonald Ranch baz=149,SNR=8.2	65.56 332	P	P	13 30 45.2 +0.2	Q30A	Quinter baz=150,SNR=7.0	69.39 334	P	P	13 31 09.7 +0.6
734A	La Para Cree baz=149	59.99 330	P	P	13 30 09.9 +1.8	V34A	Guthrie baz=151	65.60 335	P	P	13 30 45.4 +0.1	N35A	Tabor baz=154	69.39 339	P	P	13 31 10.1 +1.1
537A	Green Hill Far baz=151	60.08 333	P	P	13 30 10.6 +1.9	MNTX	Cornudas Mount baz=144,SNR=5.3	65.64 326	P	P	13 30 45.3 -0.3	R28A	Tribune baz=148	69.49 333	P	P	13 31 10.8 +1.0
635A	Leesville baz=150	60.10 331	P	P	13 30 10.7 +1.8	MNTX	Cornudas Mount baz=144,SNR=5.3	65.64 326	eP	P	13 30 44.4 -1.2	P31A	Stockton baz=151,SNR=7.0	69.53 335	P	P	13 31 10.7 +0.8
832A	Faith Ranch, C baz=147	60.18 329	P	P	13 30 11.1 +1.7	W32A	Sentinel baz=150,SNR=6.8	65.67 333	eP	P	13 31 09.4 -1.1	TIC	Tomoudi baz=146	69.54 72	ePKP1	P	13 31 11.0 +0.5
340A	Bronson baz=154	60.30 336	P	P	13 30 12.0 +1.9	N54A	Moraine State baz=152	65.73 351	P	P	13 30 47.7 +0.0	T25A	Trinidad baz=146	69.60 330	P	P	13 31 11.5 +0.8
438A	Sam Houston St baz=152	60.32 334	P	P	13 30 12.2 +1.8	S39A	Bolivar baz=156,SNR=11	65.76 339	P	P	13 30 45.8 -0.1	Q29A	Kosan Boka comp=Z,2.2nm,0.7s	69.61 334	P	P	13 31 10.9 +0.4
339A	Huntington baz=153	60.48 335	P	P	13 30 13.4 +2.0	U35A	Pawnee baz=152	65.77 336	P	P	13 30 47.0 +0.7	KIC	Kosan Boka comp=Z,2.2nm,0.7s	69.64 73	ePKP1	P	13 31 11.2 0.0
732A	Laxson Ranch, baz=147	60.55 329	P	P	13 30 13.7 +1.7	T37A	Cheneyville 18 baz=154,SNR=10	65.78 338	P	P	13 30 45.8 -0.6	N34A	Lincoln baz=151,SNR=6.1	69.66 338	P	P	13 31 10.8 +0.1
338A	Crockett baz=152	60.79 334	P	P	13 30 15.6 +2.1	V33A	Lossen Ranch, baz=151	65.89 334	P	P	13 30 47.7 +0.6	DBIC	Dimbokro comp=Z,8.6nm,0.5s,baz=222,slow=6.5,SNR=26	69.69 72	P	P	13 31 11.8 +0.3
633A	Saathoff Ranch baz=148	60.80 330	P	P	13 30 15.4 +1.8	S38A	Stockton baz=155,SNR=8.6	65.90 339	P	P	13 30 46.8 -0.3	DBIC	comp=Z,1.1nm,0.6s,baz=212,slow=6.2,SNR=7.3	69.72 341	eP	P	13 31 38.0 +1.5
NATX	Nacogdoches baz=153	60.90 335	P	P	13 30 15.8 +1.6	R40A	Maddies Statio baz=157	65.97 340	P	P	13 30 46.9 -0.6	L37A	Oak Wood Farm, baz=157	69.77 337	P	P	13 31 11.3 +0.4
534A	Blanco baz=149	60.96 331	P	P	13 30 16.1 +1.3	T36A	Boggs Farm, Ca baz=153	66.07 337	P	P	13 30 48.0 -0.2	O32A	Brockman Farm, baz=152	69.77 337	P	P	13 31 12.9 +1.5
337A	Centerville baz=152	60.98 334	P	P	13 30 16.6 +1.8	U34A	Anderson Ranch baz=152	66.13 335	P	P	13 30 48.0 -0.6	214A	Organ Pipe Nat baz=138	69.84 321	P	P	13 31 13.0 +0.9
239A	Gary baz=153	61.05 335	P	P	13 30 17.1 +1.8	T35A	Sooner Cattle baz=152	66.17 336	P	P	13 30 50.5 +1.6	214A	Organ Pipe Nat baz=138	69.84 321	eP	P	13 31 12.1 +0.1
632A	Uvalde baz=148	61.12 329	P	P	13 30 17.3 +1.5	MSTX	Muleshoe baz=146,SNR=5.9	66.23 330	P	P	13 30 49.5 0.0	P30A	Selden baz=150	69.89 335	P	P	13 31 12.6 +0.4
SWET	Sewanee baz=151	61.33 344	eP	P	13 30 15.7 -1.5	MSTX	Muleshoe baz=146,SNR=5.9	66.23 330	eP	P	13 30 48.6 -0.9	N33A	J Bar K, Exete baz=152	69.90 337	P	P	13 31 13.4 +1.3
SWET	Riesel baz=151	61.44 333	P	P	13 30 14.0 -1.6	MSTX	Muleshoe baz=146,SNR=5.9	66.23 330	eP	P	13 31 13.5 -0.9	L37A	Phoenix Point, baz=156	69.94 341	P	P	13 31 13.9 +1.6
336A	Burnet baz=150	61.55 331	P	P	13 30 18.6 -0.1	R39A	Chumby, Stover baz=156	66.24 340	eP	P	13 31 25.0 -0.2	M35A	Neola baz=154	69.95 339	P	P	13 31 14.0 +1.6
532A	Rocksprings baz=148	61.70 330	P	P	13 30 20.5 +0.7	S37A	Fort Scott baz=154,SNR=8.4	66.33 338	P	P	13 30 49.4 -0.4	O31A	Woolen Ranch, baz=151	70.06 336	P	P	13 31 14.8 +1.6
433A	Art baz=149	61.86 331	P	P	13 30 20.5 -0.3	U33A	Lim Farm, Me baz=151	66.35 335	P	P	13 30 50.2 +0.1	Q28A	Organ Pipe Nat baz=148	70.11 333	P	P	13 31 14.7 +1.2
JCT	Junction City baz=149	61.95 330	P	P	13 30 21.4 0.0	R38A	Fenwick Farm baz=155,SNR=8.8	66.40 339	P	P	13 30 49.8 -0.5	K38A	Parkersburg baz=157	70.13 342	P	P	13 31 14.9 +1.4
JCT	Junction City baz=148,SNR=6.7	61.95 330	P	P	13 30 21.2 -0.2	V31A	Spring Creek L baz=149	66.48 333	P	P	13 30 51.3 +0.4	P29A	Atwood baz=149	70.20 334	P	P	13 31 15.7 +1.6
JCT	Junction City comp=Z,7.6nm,0.7s	61.95 330	eP	P	13 30 20.7 -0.7	AMTX	Amarillo baz=148	66.51 331	P	P	13 30 50.7 -0.5	N32A	Stulken Farm, baz=152	70.22 337	P	P	13 31 16.0 +1.8
JCT	Lometa baz=150	61.98 332	eP	P	13 30 46.0 0.0	T34A	McClaskey Farm baz=152	66.52 336	P	P	13 30 53.1 +2.0	M34A	Aspy Farms, Fr baz=150	70.28 338	P	P	13 31 16.3 +1.9
334A	Rocksprings baz=147,SNR=8.0	62.02 329	P	P	13 30 22.1 +0.5	S36A	Lake Cedric, C baz=154,SNR=12	66.56 337	P	P	13 30 51.5 +0.2	O30A	MW Ranch, Wils baz=150	70.36 335	P	P	13 31 16.8 +1.8
Z39A	Irene McRaven, baz=154	62.04 336	P	P	13 30 23.4 +1.5	Q40A	Laux Farm, Aux baz=153	66.56 341	P	P	13 30 51.6 +0.3	K30A	Kaye Shedlock baz=150	70.39 333	P	P	13 31 16.5 +1.1
136A	Ennis baz=152	62.26 334	P	P	13 30 24.6 +1.2	U32A	Winter Ranch, baz=150	66.66 334	P	P	13 30 53.9 +1.9	P28A	Saint Francis baz=148	70.51 334	P	P	13 31 17.3 +1.2
432A	Menard baz=148	62.28 330	P	P	13 30 23.5 -0.2	S35A	Otter Creek Ra baz=153,SNR=6.3	66.78 332	P	P	13 30 53.0 +0.3	N31A	Bailey Ranch, baz=151	70.51 336	P	P	13 31 17.8 +1.9
333A	Richland Sprin baz=149	62.30 331	P	P	13 30 23.4 -0.3	V30A	Spur Ranch, Mi baz=149	66.82 332	P	P	13 30 54.8 +1.6	W18A	Purified Fore baz=141	70.56 325	P	P	13 31 17.8 +1.2
Z38A	Mt. Pleasant baz=153	62.34 336	P	P	13 30 25.0 +1.1	R37A	Teagarden Farm baz=154,SNR=6.1	66.83 338	P	P	13 30 53.2 +0.2	SDCO	Great Sand Dun baz=145,SNR=6.5	70.59 330	P	P	13 31 18.1 +1.2
530A	J-C Ranch, Com baz=147	62.38 329	P	P	13 30 24.7 +0.3	Q39A	Willow Grove F baz=152,SNR=7.4	66.88 340	P	P	13 30 53.2 -0.2	SDCO	Great Sand Dun baz=145,SNR=6.5	70.59 330	eP	P	13 31 17.2 +0.3
431A	Sonora baz=147	62.49 329	P	P	13 30 24.9 -0.1	Q38A	Cooks Store, C baz=156,SNR=10	67.01 339	P	P	13 30 54.0 -0.2	Q29A	4D Ranch, Culb baz=149	70.60 335	P	P	13 31 18.4 +1.9
234A	Clairette baz=150,SNR=6.1	62.52 332	P	P	13 30 24.9 -0.2	P40A	Paris baz=157	67.05 341	P	P	13 30 54.3 -0.1	K36A	Gilmore City baz=154	70.62 340	P	P	13 31 18.3 +1.8
Z37A	Pogue Cattle C baz=153	62.54 335	P	P	13 30 25.1 -0.2	R36A	Gordon, Harris baz=152	67.06 338	P	P	13 30 54.0 -0.6	L34A	Svendsen Farm, baz=154	70.62 339	P	P	13 31 18.2 +1.6
WVT	Waverly baz=147	62.68 343	P	P	13 30 24.0 -2.1	Q37A	Longview Farm, baz=154	67.21 339	P	P	13 30 56.6 +1.2	BGNE	Belgrade baz=152,SNR=5.0	70.73 337	P	P	13 31 19.1 +1.8
WVT	Waverly baz=147	62.68 343	eP	P	13 30 48.9 -1.8	P39A	Salisbury baz=156	67.22 340	P	P	13 30 55.1 -0.4	BGNE	Belgrade comp=Z,3.4nm,0.5s	70.73 337	eP	P	13 31 17.3 0.0
WVT	Waverly baz=147	62.68 343	eP	P	13 30 42.0 -2.1	HDIL	Hopedale baz=150	67.23 343	P	P	13 30 55.9 +0.4	BGNE	Belgrade baz=151	70.94 340	eP	P	13 31 42.0 -0.4
332A	Millersview baz=147	62.68 331	P	P	13 30 26.2 -0.1	T32A	Hudler Ranch, baz=150	67.32 334	P	P	13 30 57.9 +1.6	BGNE	Belgrade comp=Z,3.4nm,0.5s	70.73 337	eP	P	13 31 17.3 0.0
233A	Rising Star baz=149,SNR=6.7	62.85 332	P	P	13 30 26.9 -0.5	121A	Cookes Peak, D baz=152	67.53 325	P	P	13 30 59.0 +1.1	K35A	Storm Lake baz=155	70.94 340	P	P	13 31 20.3 +1.9
TXAR	Lajitas Array comp=Z,1.0nm,0.6s,baz=146,slow=8.3,SNR=11	62.86 326	P	P	13 30 27.8 +0.1	O40A	La Belle baz=157	67.54 341	P	P	13 30 56.9 -0.6	J37A	Redenius Farm, baz=156	70.96 341	P	P	13 31 20.4 +1.9
TXAR	comp=Z,2.1nm,0.7s,baz=155,slow=8.3,SNR=11	62.86 326	eP	P	13 30 52.6 +0.3	T31A	Randall Ranch, baz=150	67.55 334	P	P	13 30 58.2 +0.5	O28A	Krutzinger Ran baz=156	70.99 334	P	P	13 31 20.1 +1.2
Z36A	Blue Ridge baz=152	62.92 334	P	P	13 30 28.5 +0.7	P38A	Dawn baz=156	67.59 340	P	P	13 30 59.8 +2.0	N29A	Votaw Ranch, W baz=150	71.13 335	P	P	13 31 20.8 +1.1
331A	San Angelo baz=148	62.93 330	P	P	13 30 27.6 -0.4	R34A	Isabella, Hill baz=152	67.67 336	P	P	13 31 00.1 +1.7	K32A	Le Mars baz=154	71.18 339	P	P	13 31 22.0 +2.1
134A	White-Moore Ra baz=150	62.98 333	P	P	13 30 28.2 0.0	Q35A	Mercer Eighty, baz=153	67.73 338	P	P	13 31 00.5 +1.8	S24A	UR Ranch, Cre baz=144	71.21 329	P	P	13 31 22.0 +1.5
MIAR	Mount Ida baz=155	62.99 337	P	P	13 30 27.7 -0.6	S32A	Newby Ranch, P baz=151	67.78 335	P	P	13 31 00.8 +1.7	L32A	Elgin baz=152	71.21 338	P	P	13 31 22.1 +1.9
MIAR	Mount Ida baz=155	62.99 337	eP	P	13 30 26.4 -1.8	O39A	Kirkville baz=157	67.86 341	P	P	13 31 00.5 +1.0	I38A	Scanlon Farm, baz=158	71.29 342	P	P	13 31 22.2 +1.7
232A	Coleman baz=149,SNR=8.4	63.07 331	P	P	13 30 52.6 -0.3	S31A	Mullinville baz=150	67.92 334	P	P	13 31 01.4 +1.4	Q24A	Divide baz=145	71.44 331	P	P	13 31 22.9 +1.0
Y37A	Hugo baz=153	63.23 335	P	P	13 30 29.8 0.0	O38A	Galt baz=156	68.02 340	P	P	13 31 02.0 +1.5	MVCO	Mesa Verde baz=152	71.58 328	P	P	13 31 23.7 +1.0
330A	Mertzson baz=147	63.36 329	P	P	13 30 31.1 +0.3	Q34A	Chapman baz=153	68.11 337	P	P	13 31 02.6 +1.6	MVCO	Mesa Verde baz=152	71.58 328	eP	P	13 31 23.8 +1.0
133A	Hamilton Ranch baz=149	63.37 332	P	P	13 30 31.2 +0.4	P36A	Good Intent, A baz=154	68.13 338	P	P	13 31 02.8 +1.7	L31A	Butterfield Fa baz=151	71.66 337	P	P	13 31 24.9 +1.0
231A	Bronte baz=148	63.41 330	P	P	13 30 31.2 +0.1	T29A	Hugoton baz=148	68.26 333	P	P	13 31 03.6 +1.4	J34A	George baz=154	71.67 340	P	P	13 31 24.8 +2.0
X38A	Whitesboro baz=154	63.55 336	P														

H33A	Prehn Over Nor baz=154	73.18 340	P	P	13 31 32.4 +0.6
H32A	Carlson Farm, baz=151	73.24 339	P	P	13 31 33.2 +1.1
J29A	Okreek baz=150,SNR=6.4	73.26 337	P	P	13 31 33.9 +1.6
F36A	Milaca baz=157	73.30 342	P	P	13 31 33.9 +1.5
G34A	Benson baz=155	73.34 341	P	P	13 31 33.9 +1.2
N23A	Red Feather La baz=145	73.37 332	P	P	13 31 34.0 +0.7
I30A	Oacoma baz=151,SNR=6.4	73.39 338	P	P	13 31 33.8 +0.8
GMRC	Granite Mounta baz=136	73.53 321	P	P	13 31 35.4 +1.2
G33A	Ortonville baz=154	73.54 340	P	P	13 31 35.4 +1.6
H31A	Wolsey baz=152	73.56 338	P	P	13 31 35.5 +1.5
MURC	Murieta baz=135	73.58 320	P	P	13 31 35.5 +1.1
F35A	Swanville baz=156	73.59 342	P	P	13 31 35.6 +1.5
J28A	Allard Ranch, baz=150,SNR=8.3	73.61 336	P	P	13 31 35.8 +1.4
E37A	Wrenshall baz=158	73.64 343	P	P	13 31 36.3 +1.8
SUSD	Miller baz=152	73.69 338	P	P	13 31 36.3 +1.5
F34A	Alexandria baz=155	73.73 341	P	P	13 31 36.4 +1.5
J27A	Elkhorn Farm, baz=149,SNR=14	73.75 336	P	P	13 31 36.4 +1.1
O20A	White River Ci baz=143	73.78 330	P	P	13 31 36.8 +1.1
O20A	White River Ci comp=Z,1.1nm,0.8s	73.78 330	eP	P	13 31 36.2 +0.6
O20A	Vivian Onida baz=150	73.79 337	eP	P	13 32 01.4 +0.4
E36A	McGregor baz=157	73.83 343	P	P	13 31 37.3 +1.8
BBRC	Big Bear Solar baz=135	73.89 320	P	P	13 31 37.3 +0.9
G32A	Webster baz=153	73.93 340	P	P	13 31 37.5 +1.3
SYO	Syowa Base Hector,Ludlow baz=136	73.93 159 73.95 321	eP P	P	13 31 34.4 -1.5 13 31 38.0 +1.4
SC12	San Clemente I baz=134	73.96 318	P	P	13 31 37.9 +1.4
SRU	San Rafael Swe baz=152	74.06 328	P	P	13 31 38.1 +0.8
SRU	Vanda comp=Z,4.6nm,0.9s,baz=149,slow=4.9,SNR=7.2	74.07 190 74.08 341	eP P	P	13 32 00.9 +0.9 13 31 37.6 +1.0
F33A	5 Mile Ranch, baz=154	74.08 341	P	P	13 31 38.7 +1.7
I28A	Midland baz=150	74.08 336	P	P	13 31 38.6 +1.6
TUQ	Turquoise Moun baz=136	74.15 322	P	P	13 31 38.5 +0.7
E35A	Pequot Lakes baz=156	74.18 342	P	P	13 31 39.4 +1.8
J26A	Sides Ranch, S baz=148	74.21 335	P	P	13 31 39.5 +1.6
C39A	Grand Marais baz=160	74.26 345	P	P	13 31 39.3 +1.3
H29A	Onida baz=151,SNR=5.3	74.28 337	P	P	13 31 39.6 +1.4
CCUT	Cedar City comp=Z,6.6nm,0.8s	74.31 325	eP	P	13 31 40.0 +1.2
CCUT	Wadena baz=155	74.36 342	eP	P	13 32 06.0 +1.9
E34A	Faulkton baz=152	74.36 338	P	P	13 31 39.8 +1.2
F32A	Veblen baz=154	74.36 340	P	P	13 31 40.3 +1.7
D36A	Goodland baz=157	74.41 343	P	P	13 31 40.8 +1.9
P17A	Butcher Ranch, baz=149	74.44 328	eP	P	13 31 40.6 +1.1
I27A	Quinn baz=149	74.47 336	P	P	13 31 40.8 +1.4
GSC	Goldstone, Bar baz=136	74.56 321	P	P	13 31 41.3 +1.2
J25A	Sunshine Ranch baz=147	74.59 334	P	P	13 31 41.5 +1.5
D35A	Remer baz=156	74.63 343	P	P	13 31 40.9 +1.1
E33A	Westby DABS, E baz=155	74.59 341	P	P	13 31 40.9 +1.0
H28A	Mission Ridge baz=150	74.61 337	P	P	13 31 40.6 +0.5
C37A	Embarrass baz=158	74.67 344	P	P	13 31 40.9 +0.6
G29A	Hoven baz=151	74.68 338	P	P	13 31 42.2 +1.7
F31A	Hecla baz=152,SNR=5.5	74.71 339	P	P	13 31 41.2 +0.5
I26A	New Underwood baz=148	74.74 335	P	P	13 31 41.7 +0.8
C36A	Pine Crest Far baz=153	74.86 344	P	P	13 31 42.2 +0.7
D34A	Park Rapids baz=155	74.88 342	P	P	13 31 42.5 +0.9
G28A	Parade baz=150	74.92 337	P	P	13 31 42.9 +1.0
F30A	Leola baz=152	74.94 339	P	P	13 31 42.7 +0.7
EDW2	Edwards Air Fo baz=135	74.95 320	P	P	13 31 43.0 +0.6
H27A	Hovse baz=149	74.96 336	P	P	13 31 42.9 +0.8
E32A	Braaten, Kindr baz=154	74.99 340	P	P	13 31 43.5 +1.2
BLG	Laguna Peak, P baz=134	75.05 319	P	P	13 31 44.0 +1.1
K22A	Casper baz=145	75.06 332	P	P	13 31 44.0 +1.1
I25A	Rocheford baz=148,SNR=8.1	75.06 335	P	P	13 31 44.3 +1.3
C35A	Jirik Farms, MI baz=151	75.11 343	P	P	13 31 44.0 +1.1
F29A	Eureka baz=151	75.20 338	P	P	13 31 44.6 +1.0
E31A	Nome baz=153	75.21 340	P	P	13 31 44.2 +0.6
RSSD	Black Hills baz=147	75.26 335	P	P	13 31 44.8 +0.6
RSSD	Black Hills comp=Z,3.5nm,0.7s	75.26 335	eP	P	13 31 44.0 -0.1
RSSD	RKJ Ranch, Bem baz=156	75.32 342	eP	P	13 32 10.0 +0.4
O16A	Springville baz=152	75.38 328	eP	P	13 31 44.1 0.0
O16A	Topoph Spring baz=136	75.42 323	eP	P	13 31 39.5 -0.4
TPNV	Topoph Spring baz=136	75.42 323	eP	P	13 32 04.9 -0.4
TPNV	North Lily Min baz=135	75.47 327	eP	P	13 31 46.3 +1.1
NLU	Manual Prospec baz=148	75.49 321	eP	P	13 31 44.0 +1.1
E30A	Jud baz=152	75.49 339	P	P	13 31 44.6 +1.3
H25A	Fruitdale baz=148	75.52 335	P	P	13 31 46.5 +1.1
G27A	Dupree baz=149,SNR=5.3	75.55 337	P	P	13 31 46.9 +1.4
D31A	McCafflin, Tow baz=153	75.60 340	P	P	13 31 46.8 +1.1
B35A	Bob, Littlefor baz=157	75.65 343	P	P	13 31 47.2 +1.3
C33A	Traill baz=155	75.66 342	P	P	13 31 47.2 +1.1
SBC	Santa Barbara baz=133	75.67 319	P	P	13 31 47.3 +0.9
DAC	Darwin (Calif) baz=133	75.70 321	P	P	13 31 47.9 +1.1
DAC	Darwin (Calif) baz=133	75.70 321	eP	P	13 31 47.9 +1.1
G26A	Maurine baz=149,SNR=6.3	75.72 336	P	P	13 32 13.2 +1.5
G25A	Newell baz=148	75.93 336	P	P	13 31 47.3 +0.8
D30A	Buchanan baz=152,SNR=5.9	75.98 340	P	P	13 31 49.1 +1.4
F27A	Lenmon baz=149,SNR=5.6	76.00 337	P	P	13 31 49.4 +1.3
B34A	Aery, Baudette baz=156	76.01 343	P	P	13 31 49.7 +1.7
DUG	Dugway, Tooele comp=Z,7.0nm,1.1s	76.02 327	P	P	13 31 49.7 +1.2
DUG	Dugway, Tooele baz=139	76.02 327	eP	P	13 31 49.0 +0.5
DUG	Dugway, Tooele comp=Z,7.0nm,1.1s	76.02 327	eP	P	13 31 49.7 +1.2
DUG	Dugway, Tooele comp=Z,7.0nm,1.1s	76.02 327	eP	P	13 32 15.0 +1.0
PKM	Mpherson Peak baz=133	76.04 319	P	P	13 31 49.5 +0.8
R11A	Troy Canyon, C baz=132	76.08 324	P	P	13 31 49.9 +1.0
R11A	Troy Canyon, C GRAC	76.08 324	eP	P	13 31 50.1 +1.3
GRAC	Grapevine Rang baz=135	76.09 322	P	P	13 31 49.4 +0.6
E28A	Huff baz=150	76.15 338	P	P	13 31 49.6 +0.7
AGMN	Agassiz Nation baz=155	76.17 342	P	P	13 31 49.1 +0.1
F26A	Lodgepole baz=143,SNR=11	76.22 337	P	P	13 31 49.8 +0.5
VES	Vestal, Richgr baz=134	76.26 320	P	P	13 31 50.7 +1.0
C30A	Landman Farms, baz=151	76.27 341	P	P	13 31 49.3 -0.2
C31A	Worse, Pekin baz=152,SNR=6.2	76.42 340	P	P	13 31 50.9 +0.6
B32A	Ashes, Strandg baz=154,SNR=8.3	76.45 342	P	P	13 31 50.4 -0.1
BW06	Boulder Array baz=142	76.47 331	P	P	13 31 51.7 +0.6
BW06	Boulder Array PDAR	76.47 331	eP	P	13 31 51.4 +0.3
PDAR	Pinedale Array comp=Z,1.3nm,0.8s,baz=106,slow=7.0,SNR=10	76.47 331	eP	P	13 31 51.1 0.0
PDAR	Pinedale Array comp=Z,1.3nm,0.8s,baz=106,slow=7.0,SNR=10	76.47 331	eP	P	13 32 16.5 -0.1
F25A	Bowman baz=148	76.57 336	P	P	13 31 52.8 +1.5
A33A	Warroad baz=155	76.62 343	P	P	13 31 53.0 +1.6
D28A	Regan baz=151	76.64 339	P	P	13 31 51.9 +0.2
BGU	Big Grassy Mou baz=151	76.68 327	eP	P	13 31 52.9 +0.7
BGU	Big Grassy Mou baz=151	76.68 327	eP	P	13 32 18.3 +0.6
B31A	Greenbush Farm baz=153	76.81 341	P	P	13 31 54.3 +1.8
D27A	Center baz=150	76.89 338	P	P	13 31 54.3 +1.2
MDN	Maddock baz=152,SNR=7.7	76.90 339	P	P	13 31 53.7 +0.6
B30A	Myrvik Farm, E baz=153,SNR=7.8	77.03 340	P	P	13 31 53.9 +0.1
E25A	Miller Ranch, baz=148	77.04 336	P	P	13 31 55.1 +1.1
AHID	Auburn Valley baz=152	77.17 330	eP	P	13 31 54.6 -0.4
AHID	Auburn Valley MLAC	77.21 328	eP	P	13 32 07.2 +0.2
HVU	Hansel Valley baz=134	77.21 328	eP	P	13 31 55.7 +0.6
B29A	Wagenman Farm, baz=152,SNR=6.2	77.36 340	P	P	13 31 57.2 +1.0
C27A	Saylor Ranch, baz=153	77.41 338	P	P	13 31 56.2 +0.5
A30A	Hoffart Farm, baz=153	77.46 341	P	P	13 31 56.9 +0.9
REDW	Red Top Meadow Fairfield	77.53 330 77.56 337	eP P	P	13 31 57.0 +0.1
D25A	Fairfield baz=148	77.56 337	eP	P	13 31 58.2 +1.4
LOHW	Long Hollow comp=Z,3.6nm,0.7s	77.61 330	eP	P	13 31 57.3 -0.1
LOHW	Long Hollow comp=Z,3.6nm,0.7s	77.61 330	eP	P	13 32 23.2 +0.2
NVAR	Mina Array Bea baz=149	77.62 322	eP	P	13 31 58.2 +0.6
NVAR	Mina Array Bea comp=Z,0.9nm,0.6s,baz=162,slow=5.7,SNR=7.6	77.62 322	eP	P	13 32 27.7 +0.6
ELK	Elko comp=Z,1.8nm,0.8s,baz=161,slow=6.1,SNR=5.8	77.66 326	eP	P	13 31 58.5 +0.8
ELK	Elko comp=Z,1.8nm,0.8s,baz=161,slow=6.1,SNR=5.8	77.66 326	eP	P	13 32 23.6 +0.3
ELK	Elko comp=Z,1.8nm,0.8s,baz=161,slow=6.1,SNR=5.8	77.66 326	eP	P	13 31 58.6 +0.8
C26A	Wahner Farm, P baz=149	77.71 338	P	P	13 31 58.9 +1.3
A29A	Mating Farm, baz=152,SNR=8.3	77.73 340	P	P	13 31 57.9 +0.2
MOOW	Moose Ponds Lac du Bonnet	77.78 330 77.95 343	eP P	P	13 31 58.7 +0.3
ULM	comp=Z,6.1nm,0.6s,baz=162,slow=5.8,SNR=16	77.95 343	eP	P	13 31 58.5 -0.3
ULM	comp=Z,6.1nm,0.6s,baz=162,slow=5.8,SNR=16	77.95 343	eP	P	13 32 24.0 -0.4
C25A	Freud Ranch, W baz=148	78.02 337	P	P	13 32 01.1 +1.7
A28A	Ruel Farm, Bot baz=151	78.05 340	P	P	13 32 00.9 +1.4
H17A	Grant Village baz=142	78.21 331	P	P	13 32 02.2 +1.4
RLMT	Red Lodge baz=142	78.22 332	P	P	13 32 01.9 +1.2
RLMT	Red Lodge RLMT	78.22 332	eP	P	13 32 00.8 +0.1
RLMT	Red Lodge RLMT	78.22 332	eP	P	13 32 27.2 +0.8
BL26	Jensen Ranch, baz=149	78.23 338	P	P	13 32 02.0 +1.5
A27A	Ledoux Ranch, baz=150	78.40 339	P	P	13 32 01.8 +0.4
TORD	Torodi Arr. Bea comp=Z,1.7nm,0.7s,baz=257,slow=5.3,SNR=12.7	78.44 70	P	P	13 32 02.4 +0.1
TORD	Torodi Arr. Bea comp=Z,1.7nm,0.7s,baz=257,slow=5.3,SNR=12.7	78.44 70	P	P	13 32 28.9 +0.9
B25A	Knox Farm, Ray baz=148	78.46 338	P	P	13 32 03.1 +1.3
A26A	Wade Farm, Ken baz=150	78.61 339	P	P	13 32 03.7 +1.1
DGMT	Dagmar baz=148	78.99 337	P	P	13 32 06.3 +1.6
DGMT	Dagmar comp=Z,1.8nm,0.9s	78.99 337	eP	P	13 32 05.1 +0.4
DGMT					

IDC 08 15:08:54.0.3.7.55S:149.80E, h0km, mb3.1/2, mb1 3.5/2, mb1mx3.2/0.9, mbtmp3.2/2, Error ellipse: s-maj=139.6km s-min=46.7km az=115.0, New Britain region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	20.75 225	Op	h m s	ISC
ASAR	Alice Springs	23.64 219	P	15 13 37.4	+0.8
TORD	Torodi Ar. Bea	147.26 86	PKPbc	15 28 40.8	-0.9

IDC 08 15:19:42.8±2.5, 17.769N:94.29W, h145km, 43km, mb2.8/3, mb1 3.2/4, mb1mx3.0/3.7, mbtmp3.2/4, Error ellipse: s-maj=112.2km s-min=66.3km az=31.0

ISC/JB 08 15:19:43.1±0.6, 17.72N:0.08±94.59W:0.06, h152km, 8km, mb3.1/3, Error ellipse: s-maj=15.0km s-min=6.1km az=28.2

MEX 08 15:19:45.0±1.5, 17.73N:94.59W, h155km, 15km, MD4.4

ISC 08 15:19:44.0±0.9, 17.72N:0.09±94.60W:0.06, h149±1.0km, n11, 08.63/18, mb3.2/3, Chiapas

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CMIG	Mtias Romero	0.68 204	Op	h m s	ISC
CMIG	70m.0.3s, baz=127, slow=20, SNR=180		S	15 20 23.4	+0.1
VHO	Vista Hermosa	2.14 253	eP	15 20 20.7	-0.2
PCIG		2.40 146	iP	15 20 24.1	+0.2
LVIG	Laguna Verde	2.63 319	iP	15 20 26.8	+0.1
TPIG	Tehuacfan	2.72 285	iP	15 20 28.7	+0.8
CCIG	Comitan	2.75 121	iP	15 20 28.9	+0.6
CCIG	TLapa	3.79 268	iP	15 20 41.1	-0.5
TLIG			iP	15 21 26.1	-0.2
TXAR	Lajitas Array	14.23 326	P	15 23 01.1	-0.8
NVAR	Mina Array	15.85 349	P	15 25 34.0	+2.0
YKA	Yellowknife Ar	46.86 347	P	15 27 58.0	-0.7
ILAR	Eielson Array	58.45 337	P	15 29 23.6	-0.2

ISC/JB 08 15:24:25.0±0.8, 31.32N:0.1±86.3E:0.2, h10km, mb3.7/7, MS2.0/1, Error ellipse: s-maj=27.0km s-min=11.5km az=148.5

IDC 08 15:24:25.2±0.9, 31.22N:86.23E, h0km, mb3.6/8, mb1 3.8/10, mb1mx3.5/4, mbtmp3.6/10, ML3.2/2, MS2.2/1, Ms1 2.2/1, ms1mx2.1/37, Error ellipse: s-maj=34.7km s-min=17.7km az=57.0

ISC 08 15:24:26.4±1.0, 31.32N:0.1±86.6E:0.1, h10km, n13, s=126/12, mb4.0/7, Kizang

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
LSA	Lhasa	4.26 110	Op	h m s	ISC
LSA			pmx	15 25 40.9	-0.8
CD2	Chengdu	14.74 87	eP	15 27 54.0	-1.1
MKAR	Makanchi Array	15.85 349	Pn	15 28 09.6	+0.1
MKAR			S	15 30 55.4	-1.0
CMAR	Chiang Mai Arr	16.98 136	P	15 28 26.4	+0.3
KURBS	Kurchatov Arra	20.24 345	P	15 29 01.0	-0.6
SONM	Songino Array	22.42 37	P	15 29 26.9	+1.6
ZALV	Zalesovo Beam	22.70 357	LR	15 37 52.4	
BVAR	Borovoye Array	24.71 338	P	15 29 47.2	-0.5
FINES	FINES Array B	49.02 326	P	15 33 13.2	+0.1
ARCES	ARCES Array B	51.55 347	P	15 33 28.7	+0.6
WRA	Warramunga Arr	68.52 132	P	15 35 31.1	+1.8
ASAR	Alice Springs	70.99 135	P	15 35 46.1	+1.6
TORD	Torodi Ar. Bea	78.96 279	P	15 36 29.1	-1.7

IDC 08 15:35:32.2±12.0, 27.76N:144.34E, h0km, mb3.6/2, mb1 3.8/3, mb1mx3.3/6, mbtmp3.3/5, ML3.5/1, Error ellipse: s-maj=20.8km s-min=31.3km az=74.0

ISC/JB 08 15:35:37.3±1.5, 27.75N:0.08±143.5E:0.2, h33km, mb3.8/2, Error ellipse: s-maj=22.8km s-min=8.8km az=22.6

JMA 08 15:35:39.3±0.3, 27.73N:143.34E, h38km

ISC 08 15:35:39.9±1.7, 27.77N:0.1±143.4E:0.2, h35km, n8, 0579/9, Bonin Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CBJ	Chichi jima	1.24 244	Op	h m s	ISC
CBJ			S	15 36 00.5	-0.2
JHHJ	Haha-jima-NKT	1.51 228	P	15 36 04.6	+0.1
JHU	Hanno	8.91 338	P	15 37 45.4	-0.6
JRY	Ryogamsu san	9.19 336	P	15 37 49.3	-0.6
JHO	Hitchi	9.57 301	P	15 37 50.1	-0.7
IMJAR	Matsushiro Arr	9.91 335	Pn	15 37 59.6	-0.2
WRA	Warramunga Arr	48.12 132	P	15 44 16.1	-0.4
MKAR	Makanchi Array	50.98 309	P	15 44 39.6	+1.4

IDC 08 15:54:54.9±0.8, 3.58S:142.36E, h0km, mb4.0/11, mb1 4.1/13, mb1mx4.0/26, mbtmp4.0/13, ML4.2/1, MS3.0/3, Ms1 3.0/3, ms1mx2.7/40, Error ellipse: s-maj=25.6km s-min=16.1km az=80.0

ISC/JB 08 15:54:57.0±0.6, 3.67S:0.06±142.33E:0.08, h26km, mb4.0/11, MS3.1/1, Error ellipse: s-maj=13.0km s-min=7.8km az=151.5

NEIC 08 15:54:58.1±3.1, 3.61S:142.29E, h22km, 22km, mb4.1/1, Error ellipse: s-maj=13.4km s-min=8.9km az=63.0

ISC 08 15:54:58.9±0.7, 3.63S:0.09±142.3E:0.1, h26km, n23, 05711/19, mb3.9/11, Near north coast of New Guinea

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
JGAY	Jayapura	1.93 305	Op	h m s	ISC
JGAY			Pn	15 55 29.2	-0.9
JAY			S	15 55 54.0	+0.3
PMG	Port Moresby	7.50 140	Pn	15 56 46.9	+0.2
PMG			LR	15 59 24.6	
GUMO	Guam	17.30 8	LR	16 06 32.2	
WRAB	Tennant Creek	17.96 205	ePn	15 59 06.1	-0.9
WRA	Warramunga Arr	17.98 205	P	15 59 06.8	-0.4
SOEI	Soe	18.90 250	eP	15 59 17.7	-0.1
ASAR	Alice Springs	21.51 201	P	15 59 46.0	+0.6
FITZ	Fitzroy Cross	21.75 227	P	15 59 48.6	+0.0
KAPI	Kappang	22.52 266	LR	16 10 58.5	
STKA	Stephens Creek	28.11 181	P	16 00 49.4	+0.6
H1S3	WAKE ISLAND HY 32.57 47	T		16 35 14.6	
H1S2	WAKE ISLAND HY 32.58 47	T		16 35 16.5	

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
H1S1	WAKE ISLAND HY 32.59 47	T		16 35 17.5	
CMAR	Chiang Mai Arr	48.01 299	P	16 03 36.6	+0.5
USRK	Ussuriysk Arr	48.50 350	P	16 06 37.7	+0.2
SONM	Songino Array	60.12 333	P	16 05 05.1	+0.9
MKAR	Makanchi Array	72.71 321	P	16 06 25.2	+0.4
ZALV	Zalesovo Beam	74.55 329	P	16 06 34.9	-0.4
NRIK	Norilsk	81.62 343	P	16 07 14.5	+0.3
ILAR	Eielson Array	85.20 24	P	16 07 31.2	-1.6
GEYT	Geysir	87.62 330	P	16 07 46.4	+1.1
TORD	Torodi Ar. Bea	139.95 286	PKP	16 14 25.4	-0.6
DBIC	Dimbokro	147.15 277	PKPbc	16 14 40.2	-0.6

NIED 08 16:15:00.35±30N:142.00E, h23km, Mw4.2 Best double couple: Mo:1.98000±0.1015 NP1:0.630000±0.069,00000±0.176,00000±0.11, 34N:0.138±17E, h0km, mb3.3/4, λ176.00000°. NP2:0.174.00000°. δ87.00000°. λ21.00000°. ISC/JB 08 16:15:05.6±0.9, 35.28N:0.04±141.93E:0.08, h22km, mb3.4/5, MS3.9/1, Error ellipse: s-maj=8.8km s-min=6.4km az=179.7

JMA 08 16:15:35.5±0.3, 35.34N:142.03E, h57km, 5km, M3.6

IDC 08 16:15:46.6±1.1, 34N:0.138±17E, h0km, mb3.3/4, Ms1 3.4/5, mb1mx3.7/26, mbtmp3.3/5, ML3.0/1, MS3.6/2, Ms1 3.6/2, ms1mx2.7/29, Error ellipse: s-maj=37.8km s-min=18.7km az=61.0

ISC 08 16:15:37.5±1.3, 35.29N:0.05±141.87E:0.09, h22km, n20, s=122/24, mb3.4/5, Near east coast of eastern Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CHQJ	Choshi	0.92 297	Op	h m s	ISC
CHQJ			Pb	16 15 54.1	+0.7
BOS0	Boso 1	0.96 229	P	16 15 54.9	-0.3
BOS0	Boso 3	1.21 247	P	16 15 58.8	-0.1
KTR	Katsura	1.28 264	P	16 16 00.2	-0.7
BOS4	Boso 4	1.29 257	P	16 16 00.7	-0.3
JIM2	Oshima 3	2.03 235	P	16 16 10.9	-0.2
JIM2			S	16 16 37.2	+0.9
JFK	Kauchi	2.28 359	S	16 16 11.7	-1.4
JAG	Ashikaga	2.27 301	P	16 16 13.1	-0.5
JOD2	Odawara 2	2.27 270	P	16 16 13.2	-0.6
JOD2			S	16 16 40.2	-0.9
JFT	Otama	2.55 331	P	16 16 40.7	-0.7
JFT			S	16 16 46.3	-1.6
JHJ	Hachioji jima 2	2.77 219	Pn	16 16 18.4	-2.2
JHJ			S	16 16 51.4	-1.9
IMJAR	Matsushiro Arr	3.22 294	Pn	16 16 26.2	-0.6
MAT	Matsushiro	3.23 294	Pn	16 16 27.1	+0.3
USRK	Ussuriysk Arr	11.70 323	LR	16 17 02.5	-2.1
SONM	Songino Array	29.09 306	P	16 21 38.4	+1.8
ZALV	Zalesovo Beam	43.37 314	P	16 23 40.1	+2.1
MKAR	Makanchi Array	45.37 304	P	16 23 53.0	-1.2
BVAR	Borovoye Array	52.03 313	LR	16 47 35.8	
WRA	Warramunga Arr	55.39 189	P	16 25 10.9	+0.9
ASAR	Alice Springs	59.11 189	P	16 25 36.7	+0.4

SJA 08 16:18:02.9±0.8, 31.34S:69.28W, h108km, 4km, ML2.0, MW3.6, San Juan Province

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
RTL5	Leoncito	0.46 182	Op	h m s	ISC
RTL5			eS	16 18 20.9	+1.3
RTL5			S	16 18 37.7	+1.6
RTL5			IAML	16 18 34.6	
RTL5			S	16 18 21.3	+0.3
AMOG	MOGNA	0.78 60	eP	16 18 22.8	+0.9
AMOG			eS	16 18 37.0	+0.9
RTCV	Cerro Valdivia	0.82 130	eS	16 18 37.2	+0.1
RTCV			eS	16 18 37.3	+1.1
AUSP	Uspallata	0.89 186	eP	16 18 24.4	+1.2
AUSP			eS	16 18 40.2	+1.7
ASAL	Salagasta	1.31 163	eP	16 18 28.9	+1.5
ASAL			eS	16 18 47.4	+1.3
AVFE	Valle Fertil	1.70 67	eP	16 18 45.4	+1.1
AVFE			IAML	16 18 56.8	
AGUA	GUANDACOL	1.96 20	eP	16 18 36.9	+1.3
ROCI	Ei Roble	2.20 222	eP	16 18 39.3	+0.6
ROCI			eS	16 18 37.7	+1.1
ACHE	El Poble	2.25 86	eP	16 18 40.7	+1.6
ACHE			eS	16 19 07.9	+1.0
ACL	CERRO LA CRUZ	2.77 47	eP	16 18 47.0	+1.0

IDC 08 16:30:27.6±0.5, 17.94N:120.17E, h0km, mb4.2/24, mb1 4.4/25, mb1mx4.0/35, mbtmp4.3/25, ML3.6/1, MS3.4/12, Ms1 3.4/12, ms1mx2.9/35, Error ellipse: s-maj=19.7km s-min=11.4km az=72.0

ISC/JB 08 16:30:32.6±0.6, 18.10N:0.03±119.97E:0.04, h43km, 6km, mb4.3/29, MS3.4/11, Error ellipse: s-maj=7.1km s-min=5.0km az=161.8

NEIC 08 16:30:32.1±2.4, 17.94N:119.98E, h31km, 18km, mb4.3/8, Error ellipse: s-maj=9.5km s-min=8.2km az=72.0

MAN 08 16:30:33.18±12N:120.11E, h18km, mb4.9, ML3.8, MS3.9

ISC 08 16:30:33.1±0.6, 18.01N:0.04±119.97E:0.05, h36km, 2km, n61, 1±940/71, mb4.4/29, MS3.3/11, 1C-2D, Philippine Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
SIPP	Brgy. Tapao	4.07 100	iP	h m s	ISC
SIPP			eS	16 30 42.4	-0.9
SZP	Santa	0.65 135	eP	16 30 51.5	+1.2
SZP			eS	16 30 52.0	-0.7
PIP	Pasauquin	0.69 63	eP	16 30 53.3	-2.5
PIP			eS	16 30 45.4	-1.0
ABRA	Dolores	0.79 117	eP	16 30 47.2	-0.5
ABRA			eS	16 30 58.4	+0.1
CONR	Conner	1.22 97	eP	16 30 53.2	-0.4
CONR			eS	16 31 08.8	0.0
CVP	Callao Caves	1.79 99	eP	16 31 22.1	+0.7
CVP			eS	16 31 24.6	+1.7
SGCP	M. Cagua	1.99 83	eP	16 31 05.5	+1.3
SGCP			eS	16 31 29.3	+1.0
CAUP	Cauyan	2.06 121	eP	16 31 08.2	+3.0

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NKL, TLY, VMO, WMO, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PMR, MCK, RND, SML, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ISCB, MOS, IDC, etc.

8d 18h

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like NONG Nongkai, GTA Gaotai, SBUM Sibul, etc.

2011 JAN

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like WMQ SS, WMQ pmx, FITZ Fitzroy Crossi, etc.

390

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like FID Port Fidalgo, HDA Harding Lake, KZA Kyzart, etc.

KEBM	Edson Butte	73.50	50	eP	P	18 34 53.3	+1.1
KLMR	Klimovskoe	73.59	330	eP	P	18 34 51.2	-1.0
KLMR	comp-Z, 39nm, 1.1s			pmax	pmax		
I03D	Drain, OR	73.87	49	P	P	18 34 56.0	+1.8
FOZ	Fox Glacier	73.94	161	eP	P	18 34 54.4	+0.1
NLW	Nelson Butte	74.17	44	P	P	18 34 57.3	+1.2
L02D	Cave Junction,	74.27	51	P	P	18 34 57.5	+0.9
H04A	Detroit Lake	74.28	48	eP	P	18 34 57.7	+1.0
ARCES	ARCCESS Array B	74.31	341	P	P	18 34 57.0	+0.7
ARCES	comp-Z, 5.6nm, 0.8s, baz=50, slow=9.6, SNR=5.5			LR	LR	19 11 36.9	
ARCES	ARCCESS Array B	74.31	341	P	P	18 34 57.0	+0.7
ARCES	comp-Z, 163nm, 21.8s, baz=62, slow=99			pmax	pmax		
ARCES	comp-Z, 6.0nm, 0.8s			MLR	MLR		
ETW	Entiat	74.36	44	P	P	18 34 58.5	+1.3
OXZ	Oxford	74.43	159	eP	P	18 34 55.1	-2.1
I04A	Tendick Farm,	74.47	49	P	P	18 34 58.8	+1.0
RPZ	Rata Peaks	74.47	160	P	P	18 34 56.4	-1.1
RPZ	comp-Z, 29nm, 0.9s, baz=298, slow=2.3, SNR=8.3						
HUMO	Hull Mountain	74.55	50	eP	P	18 34 58.5	+0.3
G05D	Wamic, OR	74.64	47	P	P	18 34 59.8	+1.1
KHMM	Horse Mountain	74.66	52	eP	P	18 35 00.2	+1.1
B08A	Colville Reser	74.69	43	P	P	18 34 59.6	+0.6
J04D	Umpqua Nationa	74.88	49	P	P	18 35 01.3	+1.0
CROR	Criterion Ridge	74.95	47	P	P	18 35 01.7	+1.1
YBH	Yreka Blue Hor	75.05	51	eP	P	18 35 02.7	+1.5
E07A	Sunnyside	75.07	45	eP	P	18 35 02.6	+1.4
M02C	Callahan	75.08	51	P	P	18 35 02.3	+0.9
G06A	Carlson Farm,	75.08	47	eP	P	18 35 02.7	+1.4
HAWA	Hanford	75.45	45	eP	P	18 35 03.3	+0.6
N02D	Trinity Center	75.34	51	P	P	18 35 04.3	+1.4
J05D	Fort Rock, OR	75.45	49	P	P	18 35 05.2	+1.6
D08A	Wollman Farm,	75.46	44	eP	P	18 35 04.5	+1.1
C09A	Chrisman Ranch	75.56	44	eP	P	18 35 05.3	+1.4
DPW	Davenport	75.58	44	P	P	18 35 05.1	+1.0
WDC	Whiskeytown Da	75.61	52	eP	P	18 35 04.8	+0.4
M04C	Macdoel	75.63	50	P	P	18 35 05.5	+0.9
K05A	Summer Lake	75.90	49	eP	P	18 35 08.2	+1.9
NEW	Newport	76.08	43	P	P	18 35 07.8	+0.9
NEW	Newport	76.08	43	eP	P	18 35 08.0	+1.1
EDM	Edmonton	76.12	37	eP	P	18 35 07.9	+0.8
G08A	Pilot Rock	76.15	46	eP	P	18 35 08.9	+1.4
O03D	Paynes Creek	76.24	52	P	P	18 35 08.5	+0.4
MOD	Modoc Plateau	76.63	50	eP	P	18 35 11.4	+1.1
VRH	Novokhopovsk	76.70	321	eP	P	18 35 10.0	-0.3
VRH	e/SP			sP		18 35 17.5	-0.1
VRH	comp-Z, 20nm, 0.9s			pmax	pmax		
VRH	comp-N, 10.0nm, 0.7s			pmax	pmax		
ORV	Oroville	76.75	52	P	P	18 35 11.8	+0.9
ORV	comp-Z, 35nm, 1.0s			pmax	pmax		
ORV	Oroville	76.75	52	eP	P	18 35 11.8	+0.9
MOS	Moscow	76.80	326	eP	P	18 35 10.9	+0.1
MOS	comp-Z, 39nm, 0.9s			pmax	pmax		
MOS	comp-Z, 40nm, 0.8s						
OHCMT	Honcut	76.85	53	eP	P	18 35 12.5	+1.1
F10A	Beach Ranch, E	76.97	45	eP	P	18 35 13.5	+1.3
UOSS	Minazif	77.25	292	eP	P	18 35 14.5	+0.6
J08A	Circle Bar Ran	77.26	48	P	P	18 35 15.2	+1.4
HATD	Hatta, Dubai	77.36	291	iP	P	18 35 15.2	+0.7
AFDM	Forest Hills D	77.37	53	eP	P	18 35 15.7	+1.3
WVOR	Wild Horse Val	77.54	49	P	P	18 35 16.7	+1.3
WVOR	comp-Z, 24nm, 0.9s			pmax	pmax		
WVOR	Wild Horse Val	77.54	49	eP	P	18 35 16.4	+1.0
LPSR	Galich'ya Gora	77.60	323	eP	P	18 35 23.1	
LPSR	e/SP			sP		18 35 15.5	+0.1
LPSR	comp-Z, 39nm, 0.9s			pmax	pmax	18 35 23.0	+0.3
LPSR	comp-E, 10.0nm, 1.1s					18 35 29.7	
LPSR	comp-Z, 30nm, 1.1s			pmax	pmax		
LPSR	comp-N, 10.0nm, 1.2s			pmax	pmax		
ARQ	Araqi	77.63	290	P	P	18 35 17.4	+1.3
ARQ	SNR=9.7						
ARQ	Araqi	77.63	290	P	P	18 35 17.4	+1.3
OBN	Obninsk	77.63	326	eP	P	18 35 15.5	+0.1
OBN	comp-Z, 39nm, 0.9s			ePPP	PPP	18 38 09.3	
OBN	comp-Z, 39nm, 0.9s			S	S	18 40 00.1	
OBN	comp-Z, 49nm, 1.7s			pmax	pmax	18 45 08.2	+1.8
OBN	comp-Z, 227nm, 16.0s			MLR	MLR		
OBN	Obninsk	77.63	326	eP	P	18 35 15.7	+0.2
WALA	Waterton Lakes	77.65	41	eP	P	18 35 17.2	+1.3
WALA	comp-Z, 22nm, 0.8s					18 35 23.9	
WALA	Bassoo Peak	77.67	43	eP	P	18 35 17.3	+1.1
BSMT	BSMT					18 35 23.7	
FAQ	Al Faqa, Dubai	77.84	292	iP	P	18 35 17.4	+0.1
JTMD	Jette	78.02	42	eP	P	18 35 19.5	+1.5
ASUR	Al Ashush, Dub	78.10	292	iP	P	18 35 19.4	+0.7
VSR	Storzhevoye	78.12	322	eP	P	18 35 18.1	-0.2
VSR	e/SP			sP		18 35 25.3	-0.3
VSR	comp-Z, 34nm, 1.4s					18 35 32.5	
VSR	comp-E, 30nm, 1.0s			pmax	pmax		
VSR	comp-Z, 30nm, 1.0s			pmax	pmax		
VSR	comp-N, 10.0nm, 1.1s			pmax	pmax		
PMOR	Pomarioiree	78.15	114	eT	T	20 00 19.8	
VORD	Divnogorie	78.17	321	eP	P	18 35 17.9	-0.7
VORD	e/SP			sP		18 35 24.5	-1.4
VORD	comp-Z, 10.0nm, 0.9s			pmax	pmax	18 35 32.0	
VORD	comp-N, 20nm, 0.6s			pmax	pmax		
VORD	comp-E, 30nm, 0.6s			pmax	pmax		
PPT2	Papeete	78.18	117	eLR	LR	18 59 23.2	
SWMT	Swartz Lake	78.30	43	eP	P	18 35 20.5	+0.9
SWMT	comp-E, 171nm, 21.8s					18 35 27.1	
GOF	Gofitskoye	78.63	315	iP	P	18 35 22.3	+1.0
GOF	comp-Z, 29nm, 0.9s			pmax	pmax		
MSO	Missoula	78.64	43	P	P	18 35 22.0	+0.6
MSO	Missoula	78.64	43	eP	P	18 35 22.2	+0.8
DGRG	David-gareji	78.69	311	eP	P	18 35 23.1	+1.4
DGRG	David-gareji	78.69	311	P	P	18 35 23.2	+1.4
SLMT	Seelye Lake	78.72	43	eP	P	18 35 22.2	+0.3
FINES	FINESS Array B	78.77	334	P	P	18 35 22.4	+0.2
FINES	comp-Z, 4.4nm, 0.5s, baz=81, slow=4.8, SNR=16					18 35 23.2	+1.0
FINES	FINESS Array B	78.77	334	iP	P	18 35 23.2	+1.0
NCK	Nalchik	78.97	313	eP	P	18 35 24.6	+1.4
NCK	comp-Z, 3.0nm, 0.5s			pmax	pmax		
MFID	Camas Ranch	78.98	47	eP	P	18 35 24.5	+1.1
TFBLG	Delisi	79.09	311	eP	P	18 35 24.0	+0.7
TFBLG	comp-Z, 42nm, 1.3s			pmax	pmax		
CHMT	Chamberlain Mo	79.09	43	eP	P	18 35 24.0	+0.4
ZEI	Tsey	79.08	312	eP	P	18 35 22.4	-1.7
KBZ	Khabz	79.32	314	P	P	18 35 26.2	+1.2
KIV	Kislovodsk	79.35	314	eP	P	18 35 26.5	+1.1
KIV	comp-Z, 70nm, 1.0s					18 38 25.3	
KIV	comp-Z, 33nm, 0.8s, baz=87, slow=2.8, SNR=5.7			ePPP	PPP	18 40 13.2	
KIV	comp-Z, 103nm, 1.7s			eS	S	18 45 19.0	-6.6
KIV	comp-Z, 192nm, 19.0s			pmax	pmax		
KIV	Kislovodsk	79.35	314	P	P	18 35 26.1	+0.7
KIV	comp-Z, 286nm, 0.9s, SNR=7.6			MLR	MLR		
KIV	Kislovodsk	79.35	314	iP	P	18 35 27.5	+2.2
KIV	SNR=5.3					18 35 27.3	+1.9
KIV	Kislovodsk	79.35	314	P	P	18 35 27.3	+1.9
KIV	SNR=9.0					18 35 27.3	+1.9
KIV	SNR=9.0					18 35 27.3	+1.9
KIV	SNR=9.0					18 35 27.3	+1.9
KIV	SNR=9.0					18 35 27.3	+1.9
BMN	Battle Mountai	79.36	50	eP	P	18 35 26.9	+1.3
ONI	ONI	79.47	312	eP	P	18 35 26.1	+0.2
ONI	ONI	79.47	312	P	P	18 35 26.2	+0.2
NV01	Mina Array Sit	79.48	52	eP	P	18 35 27.2	+0.9
NVAR	Mina Array Sit	79.48	52	P	P	18 35 27.4	+1.0
NVAR	comp-Z, 7.2nm, 0.8s, baz=27.5, slow=5.8, SNR=36			LR	LR	19 03 25.9	
NEY	Neyptrino	79.65	313	eP	P	18 35 29.0	+1.9
NEY	comp-Z, 267nm, 21.4s, baz=297, slow=30			pmax	pmax		
GNI	Garni	79.69	310	iP	P	18 35 28.7	+1.4
GNI	SNR=6.0					18 35 29.2	+1.9
GNI	Garni	79.69	310	eP	P	18 35 28.5	+0.4
HLUD	Hailey	79.83	46	P	P	18 35 29.4	+1.3
HLUD	comp-Z, 147nm, 1.9s					18 35 29.4	+0.7
PKM	Mpherson Peak	79.91	56	P	P	18 35 30.4	+1.5
AKH	Akhalkalaki	79.97	311	eP	P	18 35 30.5	+1.5
AKH	Akhalkalaki	79.97	311	P	P	18 35 30.4	+1.5
LRM	Limekiln Ridge	80.02	44	eP	P	18 35 30.4	+1.2
VES	Vestal, Richgr	80.04	55	P	P	18 35 29.7	+0.6
TIN	Tinmahua, Big	80.14	54	P	P	18 35 30.9	+1.1
DLMT	Dillon	80.15	44	eP	P	18 35 31.6	+1.8
DLMT	comp-Z, 25nm, 1.2s					18 35 31.8	+1.5
MCMT	McKenzie Canyo	80.24	45	eP	P	18 35 31.0	+0.6
YSU	Vasula	80.38	332	P	P	18 35 33.5	+1.3
ELK	Elko	80.57	49	eP	P	18 35 32.3	+0.4
EGMT	Eagleton	80.58	41	P	P	18 35 32.7	

Table of astronomical observations for 2011 JAN, including station names like LZH, HHC, USRK, ASAR, etc., and their corresponding coordinates and observation times.

Table of astronomical observations for 2011 JAN, including station names like MKAR, MAZK, MA2, KSH, etc., and their corresponding coordinates and observation times.

Table of astronomical observations for 2011 JAN, including station names like RIDG, OBN, EGAK, ANN, etc., and their corresponding coordinates and observation times.

Summary text for the 8d 19h section, including station names like IDC 08, PMG, WRA, ASAR, FITZ, TORD, etc., and their corresponding coordinates and observation times.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like 322A 4UR Ranch, 325A 4UR Ranch, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MOTA Moosalm, SNF Senefie, LANF Langenberg, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BUKP Mususan, DAV Davao City (W), CGV Cagayan de Oro, etc.

YUK1		Pg	Pb	19 34 51.0 +0.8
YUK1		Sg	Sb	19 34 40.0 +2.4
BARK	Barkley Ridge	3.90 289 P	Pn	19 34 41.5 -0.6
KIAG	Kiagna River	3.98 296 P	Pn	19 34 42.5 -0.8
KULT	Kultheth River	3.98 286 P	Pn	19 34 43.1 -0.2
Baldy		4.01 284 P	Pn	19 34 43.0 -0.8
CRAG	Craig	4.05 164 P	Pn	19 34 43.5 -0.7
BVCY	Beaver Creek	4.17 319 Pn	Pn	19 34 45.1 -0.7
BVCY		19 34 56.0 +0.8	Pn	19 35 06.6 -4.1
BVCY		19 34 46.7 -0.5	Pn	19 34 47.7 -0.5
KHIT	Khivot Hills	4.27 288 P	Pn	19 34 47.7 -0.5
GRIN	Grind Hills	4.28 286 P	Pn	19 34 47.7 -0.5
BERG	Berg Lake	4.48 287 P	Pn	19 34 49.7 -0.4
VRDI	Verde Repeater	4.58 298 P	Pn	19 34 50.9 -0.7
NICHA	Nichawak Mount	4.59 285 P	Pn	19 34 51.1 -0.5
BCA3	Beaver Creek A	4.93 322 P	Pn	19 34 56.7 +0.4
RAGM	Ragged Mount	4.95 286 P	Pn	19 34 56.7 +0.4
BMRM	Bremner River	5.04 293 P	Pn	19 34 56.8 -0.9
DAWY	Dawson	5.14 338 Pn	Pn	19 34 58.7 -0.4
DAWY		19 35 14.7 +3.0	Pb	19 35 14.7 +3.0
DAWY		19 36 20.0 -6.0	Sg	19 36 20.0 -6.0
DAWY		19 34 58.9 -0.2	Sg	19 34 58.9 -0.2
EYAK	Cordova Ski Ar	5.51 287 P	Pn	19 35 03.4 -0.7
NDB	Naden	5.56 167 Pn	Pn	19 35 04.1 -0.8
NDB	Naden	5.56 167 Pn	Pn	19 35 04.7 -0.2
KLU	Klutina	5.79 296 P	Pn	19 35 08.1 0.0
HARP	HAARP	5.80 306 Pn	Pn	19 35 03.9 -4.2
HARP		19 35 28.8 -3.2	Pg	19 35 28.8 -3.2
WLZ		19 35 03.9 -4.2	Pg	19 35 03.9 -4.2
FID	Port Fidalgo	5.89 292 P	Pn	19 35 10.5 +1.0
JPK	Jack Peak	6.00 291 P	Pn	19 35 10.7 -0.3
DOT	Dot Lake	6.08 319 Pn	Pn	19 35 11.0 -1.0
DOT		19 36 51.6 -4.5	Sg	19 36 51.6 -4.5
DOT		19 35 14.9 -1.1	Sg	19 35 14.9 -1.1
EGAK	Eagle	6.13 335 P	Pn	19 35 12.7 0.0
PAX	Paxson	6.20 310 Pn	Pn	19 35 13.0 -0.7
PAX		19 35 34.6 -5.1	Pg	19 35 34.6 -5.1
PAX		19 36 59.0 -0.9	Sg	19 36 59.0 -0.9
PAX		19 35 11.2 -2.5	Sg	19 35 11.2 -2.5
PAX		19 37 01.6 +1.7	Sg	19 37 01.6 +1.7
FNBB	Fort Nelson	6.21 89 Pn	Pn	19 35 13.7 -0.1
FNBB		19 35 39.2 -0.7	Pg	19 35 39.2 -0.7
FNBB		19 36 55.7 -4.5	Sg	19 36 55.7 -4.5
FNBB		19 35 13.7 -0.1	Pn	19 35 13.7 -0.1
FNBB		19 35 39.2 -0.7	Pg	19 35 39.2 -0.7
FNBB		19 36 55.7 -4.5	Sg	19 36 55.7 -4.5
VIB	Van Inlet	6.29 166 Pn	Pn	19 35 14.2 -0.8
VIB		19 36 26.6 -1.0	Sn	19 36 26.6 -1.0
VIB		19 35 14.2 -0.8	Sn	19 35 14.2 -0.8
VIB		19 36 26.6 -1.0	Sn	19 36 26.6 -1.0
DIB	Dawson Inlet	6.35 166 Pn	Pn	19 35 14.6 -1.1
DIB		19 36 55.7 +7.1	Sb	19 36 55.7 +7.1
SCM	Sheep Creek Mo	6.53 297 P	Pn	19 35 18.3 0.0
PWL	Port Wells	6.81 288 P	Pn	19 35 21.5 -0.6
SMT	Sawmill	6.95 296 P	Pn	19 35 23.9 +0.6
BMB	Barry Inlet	7.06 163 Pn	Pn	19 35 24.8 -0.7
PMB	Palmer	7.31 294 Pn	Pn	19 35 29.1 +0.3
RC01	Rabbit Creek A	7.52 289 P	Pn	19 35 31.2 -0.5
IL1	Eielson Array	7.75 319 P	Pn	19 35 34.2 -0.7
ILAR	Eielson Array	7.75 319 P	Pn	19 35 33.3 -1.6
ILAR		0.5mm, 0.3s, baz=137, slow=12, SNR=59	Sn	19 37 02.0 -1.2
ILAR		0.8mm, 0.3s, baz=122, slow=15, SNR=4.4	Lg	19 37 42.0
ILB	Eielson Array	7.75 319 P	Pn	19 35 33.8 -1.1
MCK	McKinley	7.94 309 Pn	Pn	19 35 39.8 +2.3
MCK		19 37 58.3 +2.8	Sg	19 37 58.3 +2.8
BBB	Bella Bella	8.19 149 Pn	Pn	19 35 42.2 +1.3
BBB		1.5mm, 0.3s, baz=342, slow=15, SNR=7.8	Sn	19 37 15.4 +1.3
BBB		0.3mm, 0.3s, baz=323, slow=20, SNR=2.6	Lg	19 37 55.9
BBB		1.1mm, 0.3s, baz=66, slow=23, SNR=4.6	Lg	19 35 41.9 +1.0
BBB		1.1mm, 0.3s, baz=66, slow=23, SNR=4.6	Sg	19 37 55.5 -8.2
TRF	Thorofare Moun	8.37 306 P	Pn	19 35 42.8 -0.7
STLK	Strandline Lk	8.57 292 P	Pn	19 35 45.5 -0.7
KTH	Kantishna Hill	8.67 306 Pn	Pn	19 35 48.5 +0.9
KTH		8.95 285 Pn	Pn	19 35 51.3 -0.6
INK	Redoubt South	8.99 4 Pn	Pn	19 37 32.9 -0.7
INK		2.3mm, 0.3s, baz=170, slow=9.5, SNR=67	Sn	19 38 24.5
INK		0.4mm, 0.3s, baz=190, slow=18, SNR=1.9	Lg	19 38 24.5
INK		0.2mm, 0.3s, baz=260, slow=19, SNR=2.9	Lg	19 35 51.8 0.0
INK		8.99 4 Pn	Pn	19 38 18.3 -1.1
INK		19 35 52.5 +0.3	Sg	19 38 08.5 +0.8
PPLA	Purkeypile	9.01 300 Pn	Pn	19 35 53.3 -0.5
CAST	Castle Rocks	9.13 304 P	Pn	19 35 55.7 -0.4
BM3	Burnt Mountain	9.13 336 P	Pn	19 37 37.4 -3.9
KDAK	Kodiak Island	9.30 268 Pn	Pn	19 39 55.2
KDAK		3.8mm, 0.3s, baz=64, slow=9.2, SNR=3.2	Sn	19 38 41.4 +5.5
KDAK		0.3mm, 0.3s, baz=210, slow=20, SNR=4.1	LR	19 38 03.6 +1.8
KDAK		comp=Z, 1.56mm, 18.7s, baz=71, slow=40	LR	19 38 03.6 +1.8
WAPA	Wapiti River	9.52 109 Sg	Pn	19 38 03.6 +1.8
PHC	Port Hardy	9.71 150 Pn	Pn	19 36 08.6 -0.8
TLCB	Telegraph Cove	10.01 146 Pn	Pn	19 36 08.6 -0.8
YKR1	Yellowknife Ar	10.25 64 Pn	Pn	19 36 09.8 -0.7
YKR2	Yellowknife Ar	10.27 64 Pn	Pn	19 36 09.8 -0.7
YKR3	Yellowknife Ar	10.29 64 Pn	Pn	19 36 09.8 -0.7
YKR4	Yellowknife Ar	10.31 64 Pn	Pn	19 36 09.8 -0.7
YKR5	Yellowknife Ar	10.34 64 Pn	Pn	19 36 09.8 -0.7
YKR6	Yellowknife Ar	10.36 64 Pn	Pn	19 36 10.1 -1.0
YKR7	Yellowknife Ar	10.38 64 Pn	Pn	19 36 11.0 0.0
COLD	Coldfoot	10.39 326 Pn	Pn	19 36 11.0 0.0
COLD		19 39 08.7	Sg	19 36 10.5 -0.5
COLD		19 36 10.5 -0.5	Pn	19 36 10.5 -0.5
YKB2	Yellowknife Ar	10.40 64 Pn	Pn	19 36 10.1 -1.0
YKB3	Yellowknife Ar	10.40 64 Pn	Pn	19 36 10.1 -1.0
YKB4	Yellowknife Ar	10.40 64 Pn	Pn	19 36 10.1 -1.0
YKA	Yellowknife Ar	10.40 64 Pn	Pn	19 36 09.9 -1.3
YKA		2.8mm, 0.3s, baz=259, slow=12, SNR=155	Sn	19 38 03.6 -4.8
YKA		0.7mm, 0.3s, baz=256, slow=22, SNR=7.1	Lg	19 39 07.8
YKA		0.4mm, 0.3s, baz=264, slow=30, SNR=6.8	Lg	19 36 10.2 -1.0
YKR8	Yellowknife Ar	10.40 64 Pn	Pn	19 36 10.1 -1.2
YKB6	Yellowknife Ar	10.41 63 Pn	Pn	19 36 10.9 -0.4
YKW3	Yellowknife Ar	10.41 63 Pn	Pn	19 39 08.4 +6.0
YKW3		19 39 08.2 -1.2	Sg	19 36 10.2 -1.1
YKB7	Yellowknife Ar	10.41 64 Pn	Pn	19 36 10.2 -1.1
YKB8	Yellowknife Ar	10.41 63 Pn	Pn	19 36 10.5 -0.8
YKB9	Yellowknife Ar	10.42 63 Pn	Pn	19 36 10.1 -1.3
YKR9	Yellowknife Ar	10.43 64 Pn	Pn	19 36 10.4 -1.1
BLBC	Blue River	11.52 123 Pn	Pn	19 36 28.5 +1.7
LLL	Lillooet	11.56 134 Pn	Pn	19 36 29.9 +2.7
LLL		19 39 32.1 +5.5	Sn	19 36 34.4 +4.0
MNB	Mounoet Dainar	12.29 120 Pn	Pn	19 36 35.7 -0.1
KUKN	Kugluktuk, NWT	12.20 38 Pn	Pn	19 36 47.0 -5.3
KUKN		19 36 38.8 +2.8	Pn	19 36 54.5 +1.1
EDM	Edmonton	13.49 103 Pn	Pn	19 36 56.2 -2.5
WHFN	White Fish Lk	13.80 65 Pn	Pn	19 37 16.6 -1.3
NEW	Newport	15.29 129 Pn	Pn	19 37 33.9 +2.7
WALA	Waterton Lakes	16.03 121 P	P	19 37 34.0 +2.8
WALA		5.1mm, 0.5s	P	19 37 57.5 -0.3
FFC	Flin Flon	18.45 90 P	P	19 38 01.9 +2.7
FFC		4.9mm, 1.0s	P	19 38 09.4 +2.7
YBK1	Baker Lake, Hu	18.83 58 P	Pn	19 38 15.2 +0.5
LRM	Limekiln Ridge	19.16 125 P	Pn	19 38 18.3 -0.2
BULL	Bullion Camp	20.00 52 P	Pn	19 38 22.5 +0.4
ARVN	Arviat, NU	20.18 67 P	Pn	19 38 24.4 +0.7
YMR	Madison River	20.71 125 P	Pn	19 38 27.7 -0.2
FCC	Fort Churchill	20.83 74 P	P	19 47 40.2
FCC		2.3mm, 0.6s	P	19 38 28.0 +0.1
RES	Resolute Bay	21.23 28 P	P	19 38 42.7 +1.6
RES		5.1mm, 0.8s, baz=225, slow=9.3, SNR=12	LR	19 38 01.9 +2.7
RES		comp=Z, 2.8mm, 21.2s, baz=242, slow=40	LR	19 38 28.0 +0.1
RES		21.23 28 P	P	19 38 42.7 +1.6
ELK	Elko	21.41 138 P	P	19 38 42.7 +1.6
ELK		2.2mm, 0.9s, baz=226, slow=6.8, SNR=7.7	P	

PDAR	Pinedale Array	22.85 125 P	P	19 38 48.4 +2.6
PDAR		1.0mm, 0.8s, baz=327, slow=5.6, SNR=8.6	P	
NVAR	Mina Array Bea	25.54 146 P	P	19 38 55.2 +2.3
NVAR		1.9mm, 0.8s, baz=325, slow=9.1, SNR=9.1	P	
ULM	Ulman	24.01 127 P	P	19 38 58.5 +1.4
ULM		1.8mm, 0.7s, baz=305, slow=8.9, SNR=5.5	LR	19 48 48.7
ULM		comp=Z, 1.92mm, 20.8s, baz=302, slow=38	LR	19 38 58.7 -0.7
RSSD	Black Hills	24.22 115 P	P	19 39 10.1 +2.3
RSSD		2.1mm, 0.6s	P	19 39 16.0 0.0
ENUN	Eureka	25.21 18 P	P	19 39 59.5 +1.3
PKLO	Pickle Lake	26.10 88 P	P	19 40 32.4 +1.1
ANMO	Albuquerque	30.78 130 P	P	19 40 47.0 +2.3
ANMO		2.9mm, 0.6s, baz=340, slow=12, SNR=1.8	P	
BELD	Belleterre	34.61 85 P	P	19 40 32.4 +1.1
SADO	Sadaw	36.16 88 P	P	19 40 47.0 +2.3
SADO		3.9mm, 0.9s, baz=279, slow=6.6, SNR=2.3	LR	19 54 07.7
SADO		comp=Z, 7.0mm, 19.0s, baz=344, slow=34	LR	
CRLO	Chalk River	36.19 85 P	P	19 40 46.0 +1.1
PML	Pembroke	36.50 86 P	P	19 40 48.6 +1.1
BANC	Bancroft	37.61 87 P	P	19 40 50.5 +2.0
NRK	Noril'sk	49.97 341 P	P	19 42 21.2 +0.4
NRK		2.9mm, 0.5s, baz=29, slow=9.3, SNR=6.5	P	
ARCES	ARCES Array B	50.63 9 P	P	19 42 40.2 -0.8
ARCES		2.1mm, 0.9s, baz=356, slow=8.1, SNR=4.0	P	
NO2	NORSAR Subarra	57.09 19 P	P	19 42 28.5 +0.1
NO2		comp=Z, 1.7mm, 0.7s, baz=344, slow=7.4	P	
NO2		NO2ARS Array B 57.09 19 P	P	
NO2		comp=Z, 2.5mm, 0.7s, baz=344, slow=7.2, SNR=9.6	P	
FINES	FINES Array B	58.63 10 P	P	19 43 38.3 -0.8
FINES		comp=Z, 1.1mm, 0.7s, baz=351, slow=7.7, SNR=5.8	P	
TLY	Talaya	59.57 322 P	P	19 43 46.9 +1.1
TLY		comp=Z, 0.6mm, 0.3s, baz=281, slow=5.2, SNR=3.2	P	
SOMN	Songino Array	61.98 318 P	P	19 44 03.2 +0.8
SOMN		comp=Z, 0.7mm, 0.7s, baz=29, slow=10, SNR=6.7	P	
ZALV	Zalesovo Beam	62.58 335 P	P	19 44 05.1 -1.1
ZALV		0.2mm, 0.6s, baz=12, slow=4.6, SNR=5.1	P	
HHC	Hu-ho-hao-te	66.08 310 P	P	19 44 28.9 -0.6
HHC		comp=Z, 95nm, 6.5s	pmx	pmx
BVAR	Borovoye Array	66.09 344 P	P	19 44 29.3 0.0
BVAR		comp=Z, 4mm, 0.5s, baz=5.7, slow=5.8, SNR=2.4	P	
KURK	Kurchatov	66.91 337 P	P	19 44 34.6 +0.2
KURB	Kurchatov Arr	67.01 338 P	P	19 44 34.6 -0.5
KURB		comp=Z, 1.7mm, 0.8s, baz=337, slow=6.0, SNR=9.2	P	
GERES	GERES Array B	69.16 22 P	P	19 44 50.0 +1.2
GERES		comp=Z, 0.8mm, 0.6s, baz=357, slow=4.5, SNR=5.2	P	
AKASG	Malin Array Be	69.54 11 P	P	19 44 50.3 -0.7
AKASG		comp=Z, 0.7mm, 0.4s, baz=351, slow=5.7, SNR=5.9	P	
MKAN	Makanchi Array	69.85 334 P	P	19 44 52.5 -0.5
MKAN		comp=Z, 0.8mm, 0.6s, baz=46, slow=7.5, SNR=8.5	P	
GTA	Goatai	71.65 318 P	P	19 45 04.7 +0.5
GTA		0.5mm, 0.6s, baz=191, slow=9.6, SNR=11.1	P	
GTA		0.2mm, 0.6s, baz=191, slow=9.6, SNR=11.1	P	
GTA		comp=Z, 3.0mm, 1.1s	pmx	pmx
LZH	Lanzhou	73.17 314 P	P	19 45 10.3 -3.1
LZH		comp=Z, 15mm, 1.4s	pmx	pmx
LZH		comp=Z, 4.1mm, 8.5s	pmx	pmx
LZH		comp=Z, 5.3mm, 17.0s	LR	LR
LZH		comp=Z, 6.5mm, 17.2s	LR	LR
LZH		comp=Z, 100mm, 19.5s	LR	LR
ESDC	Sonseca Array	73.34 37 P	P	19 45 14.2 0.0
ESDC		comp=Z, 0.6mm, 0.6s, baz=12, slow=4.6, SNR=5.1	P	
CMAR	Chiang Mai Arr	90.88 310 P	P	19 46 47.3 +0.9
CMAR		comp=Z, 0.6mm, 0.6s, baz=12, slow=4.		

8d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations like SLE, MBDF, ORIF, HAU, DAVA, etc.

2011 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations like HYF, TCF, GHIR, etc.

398

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations like VANNI, VANNI Vissoie, VANNI, etc.

8d 21h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like DOUR, DOUR, DOUR, etc.

2011 JAN

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like MORC, MORC, MORC, etc.

400

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like JIE, JIW, JKN, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SESP Santiago Espad, EALB Alboran, GORA Gorafe, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MDT, EPF Esparras, ETSF Etsaut, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TCF Toulx Ste Croi, BGF Bois d'Anglad, etc.

ISCJ 08 21:22:20.5:0.9, 8.92N:127.18E, h0km, mb3.8/8, mb1 3.9/9, mb1mx3.7/39, mbtmp3.8/9, Error ellipse: s-maj=42.5km s-min=16.8km az=81.0

ISCJ 08 21:30:14.2:0.9, 43.74N:0.04:105.05W:0.09, h0km, mb3.8/1, Error ellipse: s-maj=9.4km s-min=5.9km az=2.6

639nm,0.6s	1.71 73	Pg	Pn	22 20 57.5 +1.3	WTTA Wattenberg	3.00 70	eSg	Pn	22 20 04.6 +2.0	GEC2 Saint Gilles	ePg	Pg	22 21 58.7 -1.4
DAVOX Davos/Dischmat	1.71 73	Pg	Pn	22 20 57.5 +1.3	WTTA Wattenberg	3.00 70	eSg	Pn	22 21 17.0 +3.1	GEC2 GEC2	eSg	Sn	22 22 36.0 -0.9
DAVOX Davos/Dischmat	1.71 73	Pg	Pn	22 20 57.5 +1.3	WTTA Wattenberg	3.00 70	eSg	Pn	22 21 17.0 +3.1	GEC2 GEC2	eSg	Sn	22 21 40.0 +0.6
ORIF Oris-en-Rattie	1.79 220	eP	Pb	22 20 59.1 +0.1	WTTA Wattenberg	3.00 70	eSg	Pn	22 21 17.0 +3.1	LFF La Frestale	4.93 256	ePn	22 21 39.0 -0.6
ORIF Oris-en-Rattie	1.79 220	eP	Pb	22 20 59.1 +0.1	WTTA Wattenberg	3.00 70	eSg	Pn	22 21 17.0 +3.1	LFF La Frestale	4.93 256	ePn	22 21 59.0 -1.5
ORIF Oris-en-Rattie	1.79 220	eP	Pb	22 20 59.1 +0.1	WTTA Wattenberg	3.00 70	eSg	Pn	22 21 17.0 +3.1	LFF La Frestale	4.93 256	ePn	22 22 02.0 -2.3
88nm,0.3s	1.79 220	eP	Pb	22 20 59.1 +0.1	WTTA Wattenberg	3.00 70	eSg	Pn	22 21 17.0 +3.1	comp=E,19nm,0.3s			
ORIF Oris-en-Rattie	1.79 220	eP	Pb	22 20 59.1 +0.1	WTTA Wattenberg	3.00 70	eSg	Pn	22 21 17.0 +3.1	LFF La Frestale	4.93 256	ePn	22 21 39.6 +0.1
ORIF Oris-en-Rattie	1.79 220	eP	Pb	22 20 59.1 +0.1	WTTA Wattenberg	3.00 70	eSg	Pn	22 21 17.0 +3.1	LFF La Frestale	4.93 256	ePn	22 21 59.0 -1.5
ORIF Oris-en-Rattie	1.79 220	eP	Pb	22 20 59.1 +0.1	WTTA Wattenberg	3.00 70	eSg	Pn	22 21 17.0 +3.1	LFF La Frestale	4.93 256	ePn	22 22 02.0 -2.3
44nm,0.3s	1.81 189	Pg	Pn	22 20 58.1 +0.6	LMR La Moure	3.05 194	eP	Pn	22 22 03.8 -0.2	KHC Kasperke Hory	4.99 53	ePn	22 21 41.4 +0.4
PZZ Stroppe	1.81 189	Pg	Pn	22 20 58.1 +0.6	LMR La Moure	3.05 194	eP	Pn	22 22 03.8 -0.2	KHC KHC	eSg	Pg	22 21 59.5 -2.0
PZZ Stroppe	1.81 189	Pg	Pn	22 20 58.1 +0.6	LMR La Moure	3.05 194	eP	Pn	22 22 03.8 -0.2	KHC KHC	eSg	Pg	22 22 37.3 -1.4
487nm,0.9s	1.85 2	Pn	Pn	22 20 57.9 0.0	LMR La Moure	3.05 194	eP	Pn	22 22 03.8 -0.2	KHC KHC	eSg	Pg	22 23 03.9 -2.2
LBD Limburg	1.85 2	Pg	Pg	22 21 01.5 -0.1	LMR La Moure	3.05 194	eP	Pn	22 22 03.8 -0.2	KHC KHC	eSg	Pg	22 21 41.4 +0.4
LBD Limburg	1.85 2	Pg	Pg	22 21 01.5 -0.1	LMR La Moure	3.05 194	eP	Pn	22 22 03.8 -0.2	KHC KHC	eSg	Pg	22 22 03.3 -1.2
LBD Limburg	1.85 2	Pg	Pg	22 21 01.5 -0.1	LMR La Moure	3.05 194	eP	Pn	22 22 03.8 -0.2	KHC KHC	eSg	Pg	22 23 09.8 -1.2
HAU Haudompre	1.88 336	ePn	Pn	22 20 59.0 +0.8	LBL Lubilhac	3.16 252	Pn	Pn	22 21 17.7 +1.8	NKC Novy Kostel	4.99 53	Pn	22 21 41.4 +0.4
HAU Haudompre	1.88 336	ePn	Pn	22 20 59.0 +0.8	LBL Lubilhac	3.16 252	Pn	Pn	22 21 17.7 +1.8	NKC Novy Kostel	4.99 53	Pn	22 22 03.3 -1.2
HAU Haudompre	1.88 336	ePn	Pn	22 20 59.0 +0.8	LBL Lubilhac	3.16 252	Pn	Pn	22 21 17.7 +1.8	NKC Novy Kostel	4.99 53	Pn	22 23 09.8 -1.2
HAU Haudompre	1.88 336	ePn	Pn	22 20 59.0 +0.8	LBL Lubilhac	3.16 252	Pn	Pn	22 21 17.7 +1.8	NKC Novy Kostel	4.99 53	Pn	22 21 41.4 +0.4
HAU Haudompre	1.88 336	ePn	Pn	22 20 59.0 +0.8	LBL Lubilhac	3.16 252	Pn	Pn	22 21 17.7 +1.8	NKC Novy Kostel	4.99 53	Pn	22 22 03.3 -1.2
HAU Haudompre	1.88 336	ePn	Pn	22 20 59.0 +0.8	LBL Lubilhac	3.16 252	Pn	Pn	22 21 17.7 +1.8	NKC Novy Kostel	4.99 53	Pn	22 23 09.8 -1.2
209nm,0.2s	1.88 336	ePn	Pn	22 20 59.0 +0.8	PYM Petit Puy Mans	3.17 262	Pn	Pg	22 21 17.2 +1.1	comp=E,9.1nm,0.3s			
HAU Haudompre	1.88 336	ePn	Pn	22 20 59.0 +0.8	PYM Petit Puy Mans	3.17 262	Pn	Pg	22 21 17.2 +1.1	comp=E,9.1nm,0.3s			
HAU Haudompre	1.88 336	ePn	Pn	22 20 59.0 +0.8	PYM Petit Puy Mans	3.17 262	Pn	Pg	22 21 17.2 +1.1	comp=E,9.1nm,0.3s			
HAU Haudompre	1.88 336	ePn	Pn	22 20 59.0 +0.8	PYM Petit Puy Mans	3.17 262	Pn	Pg	22 21 17.2 +1.1	comp=E,9.1nm,0.3s			
HAU Haudompre	1.88 336	ePn	Pn	22 20 59.0 +0.8	PYM Petit Puy Mans	3.17 262	Pn	Pg	22 21 17.2 +1.1	comp=E,9.1nm,0.3s			
209nm,0.2s	1.88 336	ePn	Pn	22 20 59.0 +0.8	PYM Petit Puy Mans	3.17 262	Pn	Pg	22 21 17.2 +1.1	comp=E,9.1nm,0.3s			
HAU Haudompre	1.88 336	ePn	Pn	22 20 59.0 +0.8	PYM Petit Puy Mans	3.17 262	Pn	Pg	22 21 17.2 +1.1	comp=E,9.1nm,0.3s			
HAU Haudompre	1.88 336	ePn	Pn	22 20 59.0 +0.8	PYM Petit Puy Mans	3.17 262	Pn	Pg	22 21 17.2 +1.1	comp=E,9.1nm,0.3s			
HAU Haudompre	1.88 336	ePn	Pn	22 20 59.0 +0.8	PYM Petit Puy Mans	3.17 262	Pn	Pg	22 21 17.2 +1.1	comp=E,9.1nm,0.3s			
105nm,0.2s	1.91 58	ePn	Pb	22 21 00.2 -0.2	FUR Furstenfeldbru	3.18 53	ePn	Pn	22 21 18.6 +2.5	MFF Saint Martin d	5.28 84	iPn	22 21 49.9 +2.9
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	FUR Furstenfeldbru	3.18 53	ePn	Pn	22 21 18.6 +2.5	MFF Saint Martin d	5.28 84	iPn	22 21 49.9 +2.9
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	FUR Furstenfeldbru	3.18 53	ePn	Pn	22 21 18.6 +2.5	MFF Saint Martin d	5.28 84	iPn	22 21 49.9 +2.9
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	FUR Furstenfeldbru	3.18 53	ePn	Pn	22 21 18.6 +2.5	MFF Saint Martin d	5.28 84	iPn	22 21 49.9 +2.9
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	FUR Furstenfeldbru	3.18 53	ePn	Pn	22 21 18.6 +2.5	MFF Saint Martin d	5.28 84	iPn	22 21 49.9 +2.9
105nm,0.2s	1.91 58	ePn	Pb	22 21 00.2 -0.2	BGF Bois d'Agland	3.23 276	ePn	Pn	22 22 08.9 -0.7	MFF Saint Martin d	5.28 84	iPn	22 21 49.9 +2.9
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	BGF Bois d'Agland	3.23 276	ePn	Pn	22 22 08.9 -0.7	MFF Saint Martin d	5.28 84	iPn	22 21 49.9 +2.9
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	BGF Bois d'Agland	3.23 276	ePn	Pn	22 22 08.9 -0.7	MFF Saint Martin d	5.28 84	iPn	22 21 49.9 +2.9
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	BGF Bois d'Agland	3.23 276	ePn	Pn	22 22 08.9 -0.7	MFF Saint Martin d	5.28 84	iPn	22 21 49.9 +2.9
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	BGF Bois d'Agland	3.23 276	ePn	Pn	22 22 08.9 -0.7	MFF Saint Martin d	5.28 84	iPn	22 21 49.9 +2.9
46nm,0.3s	1.91 58	ePn	Pb	22 21 00.2 -0.2	BGF Bois d'Agland	3.23 276	ePn	Pn	22 22 08.9 -0.7	MFF Saint Martin d	5.28 84	iPn	22 21 49.9 +2.9
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	BGF Bois d'Agland	3.23 276	ePn	Pn	22 22 08.9 -0.7	MFF Saint Martin d	5.28 84	iPn	22 21 49.9 +2.9
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	BGF Bois d'Agland	3.23 276	ePn	Pn	22 22 08.9 -0.7	MFF Saint Martin d	5.28 84	iPn	22 21 49.9 +2.9
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	BGF Bois d'Agland	3.23 276	ePn	Pn	22 22 08.9 -0.7	MFF Saint Martin d	5.28 84	iPn	22 21 49.9 +2.9
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	BGF Bois d'Agland	3.23 276	ePn	Pn	22 22 08.9 -0.7	MFF Saint Martin d	5.28 84	iPn	22 21 49.9 +2.9
36nm,0.6s	1.91 58	ePn	Pb	22 21 00.2 -0.2	LASF Ste Croix	3.40 230	eP	Pn	22 21 19.9 +1.1	comp=E,3.7nm,0.5s			
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	LASF Ste Croix	3.40 230	eP	Pn	22 21 19.9 +1.1	comp=E,3.7nm,0.5s			
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	LASF Ste Croix	3.40 230	eP	Pn	22 21 19.9 +1.1	comp=E,3.7nm,0.5s			
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	LASF Ste Croix	3.40 230	eP	Pn	22 21 19.9 +1.1	comp=E,3.7nm,0.5s			
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	LASF Ste Croix	3.40 230	eP	Pn	22 21 19.9 +1.1	comp=E,3.7nm,0.5s			
36nm,0.6s	1.91 58	ePn	Pb	22 21 00.2 -0.2	LASF Ste Croix	3.40 230	eP	Pn	22 21 19.9 +1.1	comp=E,3.7nm,0.5s			
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	LASF Ste Croix	3.40 230	eP	Pn	22 21 19.9 +1.1	comp=E,3.7nm,0.5s			
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	LASF Ste Croix	3.40 230	eP	Pn	22 21 19.9 +1.1	comp=E,3.7nm,0.5s			
DAVA Damuels	1.91 58	ePn	Pb	22 21 00.2 -0.2	LASF Ste Croix	3.40 230	eP	Pn	22 21 19.9 +1.1	comp=E,3.7nm,0.5s			
18nm,0.6s	1.93 353	ePn	Pn	22 20 59.3 +0.3	RUP Ruppelstein	3.42 355	Pn	Pn	22 21 19.5 +0.1	comp=E,1.1nm,0.4s			
ECH Echery	1.93 353	ePn	Pn	22 20 59.3 +0.3	RUP Ruppelstein	3.42 355	Pn	Pn	22 21 19.5 +0.1	comp=E,1.1nm,0.4s			
ECH Echery	1.93 353	ePn	Pn	22 20 59.3 +0.3	RUP Ruppelstein	3.42 355	Pn	Pn	22 21 19.5 +0.1	comp=E,1.1nm,0.4s			
ECH Echery	1.93 353	ePn	Pn	22 20 59.3 +0.3	RUP Ruppelstein	3.42 355	Pn	Pn	22 21 19.5 +0.1	comp=E,1.1nm,0.4s			
ECH Echery	1.93 353	ePn	Pn	22 20 59.3 +0.3	RUP Ruppelstein	3.42 355	Pn	Pn	22 21 19.5 +0.1	comp=E,1.1nm,0.4s			
SPAK Spaichingen-Ko	2.00 26	Pn	Pn	22 20 59.6 -0.5	TOD Tromm	3.42 14	Pn	Pn	22 21 19.8 +0.3	FLN La Foliniere	5.94 297	ePn	22 21 54.8 +0.8
SPAK Spaichingen-Ko	2.00 26	Pn	Pn	22 20 59.6 -0.5	TOD Tromm	3.42 14	Pn	Pn	22 21 19.8 +0.3	FLN La Foliniere	5.94 297	ePn	22 21 54.8 +0.8
SPAK Spaichingen-Ko	2.00 26	Pn	Pn	22 20 59.6 -0.5	TOD Tromm	3.42 14	Pn	Pn	22 21 19.8 +0.3	FLN La Foliniere	5.94 297	ePn	22 21 54.8 +0.8
SPAK Spaichingen-Ko	2.00 26	Pn	Pn	22 20 59.6 -0.5	TOD Tromm	3.42 14	Pn	Pn	22 21 19.8 +0.3	FLN La Foliniere	5.94 297	ePn	22 21 54.8 +0.8
SPAK Spaichingen-Ko	2.00 26	Pn	Pn	22 20 59.6 -0.5	TOD Tromm	3.42 14	Pn	Pn	22 21 19.8 +0.3	FLN La Foliniere	5.94 297	ePn	22 21 54.8 +0.8
BFO Black Forest	2.11 15	Pn	Pn	22 21 01.2 -0.2	HYF Humbigny	3.47 288	eP	Pn	22 21 20.8 +0.6	CONA Conrad Observa	5.94 71	iPn	22 21 55.5 +1.4
BFO Black Forest	2.11 15	Pn	Pn	22 21 01.2 -0.2	HYF Humbigny	3.47 288	eP	Pn	22 21 20.8 +0.6	CONA Conrad Observa	5.94 71	iPn	22 21 55.5 +1.4
BFO Black Forest	2.11 15	Pn	Pn	22 21 01.2 -0.2	HYF Humbigny	3.47 288	eP	Pn	22 21 20.8 +0.6	CONA Conrad Observa	5.94 71	iPn	22 21 55.5 +1.4
BFO Black Forest	2.11 15	Pn	Pn	22 21 01.2 -0.2	HYF Humbigny	3.47 288	eP	Pn	22 21 20.8 +0.6	CONA Conrad Observa	5.94 71	iPn	22 21 55.5 +1.4
BFO Black Forest	2.11 15	Pn	Pn	22 21 01.2 -0.2	HYF Humbigny	3.47 288	eP	Pn	22 21 20.8 +0.6	CONA Conrad Observa	5.94 71	iPn	22 21 55.5 +1.4
2.11 15	Pn	Pn	Pn	22 21 01.2 -0.2	HYF Humbigny	3.47 288	eP	Pn	22 21 20.8 +0.6	CONA Conrad Observa	5.94 71	iPn	22 21 55.5 +1.4

8d 23h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KLMM, KBL, EDM, B08A, H04A, C09A, D08A, HAWA, NEWA, PSI, WALA, F10A, K05A, BSMT, FINES, SWMT, OBN, MOD, J08A, MSO, GEYT, VRH, VSR, FFC, WVOR, LPSR, MFID, VSR, VSR, LRM, DLMT, HLID, BOZ, NV01, NVAR, YFT, H17A, NB2, NOA, RLMT, GOF, MOOW, LOHW, REDW, KIV, KBZ, R11A, ZEI, ZEI, ZEI, PDAR, DUG, DUG, DUG, TPNV, NLU, FITZ, WRAB, WRA, EDW2, AKASG.

2011 JAN

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AKASG, KIEV, AK11, PALK, TMUT, MSU, ANN, P17A, RSSD, P18A, SRU, PLM, SMCO, WUAZ, ISCO, BANOH, ASAR, MVCO, BUR04, BURAR, UOSS, STHS, KOLS, KOLS, S22A, HATD, TESR, ASHO, CFR, CFR, ARCR, SDCO, MALT, MALT, LANS, LANS, MORC, MORC, MORC, DOPR, CLL, CLL, CLL, CJR, CJR, MLR, MLR, VOIR, PSZ, PSZ, VRAC, BRTR, BRTR, ANMO, BR21, GZR, GZR, KHC, KHC, KHC, BZS, BZS, GERES, CONA, MDVR, PKSM, PKSM, SOKA, KBA, KBA, DIVS, MNTX, PDG, RAYN, TX31, TX31, TXAR, TXAR, TXAR, MBAR, BDFB, NVL, NVL, PLCA, YKLR, YKLR.

406

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like YKLR, KHN, IENR, GUMO, JCJ, MJAR, H1S3, H1S1, H1S2, H1N1, H1N2, H1N3, KSR5, WRA, SONM, CMAR, ASAR, KURB, ILAR, BVAR, YKA, FINES, GERES, TOLC, PRAC, GUYC, GUYC, ROSC, ROSC, NORC, CHIC, CHIC, CHIC, SJCAC, SJCAC, SJCAC, CBJJ, CBJJ, CBJJ, JCJ, JHHJ, BSOA, JOD2, JHU, JHT, JRY, JRY, JHO, JHO, JAG, MJAR, MAJO, MAJO, KSR5, KSAR, ASAJ, INCN, USRK, NACB, MDNJ, BJT, ULN, SONM, YAK, TLY, KAPI, CHTO, CMAR, CTAO, WRAB.

YARS 08 22:40:51.5-0.9,56394E:0'08:120'90E:0'04, h10km, Southeastern Siberia

Table with columns: ID, Name, Time, Az, El, SNR, etc. Includes stations like ANOYIA, MAKRAKOMI, etc.

Table with columns: HORT, Name, Time, Az, El, SNR, etc. Includes stations like HORTIATIS, KARPATHOS, etc.

Table with columns: BRTR, Name, Time, Az, El, SNR, etc. Includes stations like ANOYIA, MAKRAKOMI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Dugway, Tooele, Jordanelle, Big Grassy Mou, Elk, Battle Mountai, Matias Romero, Hansel Valley, Boulder Array, Pinedale Array, Blue Hor, Summer Lake, EROS Data Cent, Beach Ranch, Chamberlain Mo, Paterson 2, Seelye Lake, Swartz Lake, Newport, Lac du Bonnet, JuntasAbangare, Yellowknife Arr, Eielson Array, Manley, Norik's, Matsushiro Arr, Zalesovo Beam.

IDC 09 00:51:12.5-12.0, 4.265N-153.72E, h91km, 77km, mb3.1/2, mb1 3.5/3, mb1mx3.0/36, mbtmp3.6/3, ML2.2/1. Error ellipse: s-maj=188.2km s-min=67.6km az=110.0, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, Torodi Ar, Bea.

ISCJB 09 00:51:27.7-0.7, 36.25N-0.03-21.65E, 0.04, h15km, 4km, Error ellipse: s-maj=7.1km s-min=3.9km az=44.2

CSEM 09 00:51:27.7-0.4, 36.25N-21.67E, h10km, MD3.3, Error ellipse: s-maj=8.1km s-min=4.3km az=47.0

ATH 09 00:51:27.8, 36.23N-21.69E, h30km, 2km, MD3.4/14, ML2.5

THE 09 00:51:29.3, 36.26N-21.70E, h20km, 2km, ML2.4/8, Error ellipse: s-maj=2.9km s-min=1.1km az=236.0

ISC 09 00:51:28.6-1.4, 36.26N-0.04-21.70E, 0.04, h21km, 4km, n133, s1907190, Southern Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PYLOS, Ithomi, Kithira, Vlachokerasia, Artemida-Makis, Tripoli, Antikythira.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANKY, KRNDI, Drossia, GOURA, Didima, Kalavryta, Thaler, Anninata, Loutraki, Desfina, Prodromos, Palaion Diasel, Kerkira, Nestorio, Barichara, Gramalote, Ocana, Yopal, Colombia.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YOPC, NORCASIA, CHINGAZA, ROSC, EL ROSAL, HELIC, SOCOV, VILLAVICENCIO, DABEIBA, SANTO DOMINGO, PRADO, SAN JUAN DE AR, VILLA DEL ROSA, QURV, QUEBRADA ARRIB, CURURU, DABUJ, SIQV, BAUV, MARPU, MONY, TURV, TXAR, YKA.

IDC 09 01:09:53.0-0.7, 38.17S-73.13W, h0km, mb4.4/16, mb1 4.5/19, mb1mx4.4/28, mbtmp4.4/19, ML4.6/3, MS4.0/10, Ms1 4.0/10, ms1mx3.8/20, Error ellipse: s-maj=23.4km s-min=12.4km az=71.0

GUC 09 01:09:55.3-0.4, 38.26S-73.53W, h36km, 2km, ML4.8

ISCJB 09 01:09:57.0-0.1, 38.27S-0.02-72.99W, 0.05, h25km, mb4.7/38, MS4.0/8, Error ellipse: s-maj=5.4km s-min=2.8km az=10.8

NEIC 09 01:09:59.0-0.3, 38.21S-73.22W, mb4.8/25, ML4.8(GUC), Error ellipse: s-maj=9.8km s-min=7.1km az=55.0

NEIC Felt (V) at Curanilahue, Lebu, Puerto Saavedra, Tirua and Tolten; (III) at Angol, Chiguayante, Concepcion, Pedro Las Casas, Penco, Santa Juana, Talcahuano and Temuco. Felt in much of Araucania, Bio-Bio and Los Rios.

BUJ 09 01:10:01.4, 38.20S-73.20W, h34km, mb5.2/5, Ms5.4/2, Ms7.5/2

ISC 09 01:09:58.1-0.3, 38.27S-0.04-73.19W, 0.08, h25km, n470, c159, mb4.7/38, MS4.0/6, 3C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Pedro de C, Valdivia, Chillan, Cobquecura, Paso Flores, Paso Flores, Puerto Montt, Puelo Alto, Los Niches, Pichilemu, Longovillo, Chadas Angostu, Antuapam, Cerro Calan, Peldehue, El Roble, Uspallata, Leoncito, Cerro Villucun, SUCO, Torquint, AVFE Valle Fertill, Las Campanas, GUANDACOL, Tanti, SIV, Nana, Nana, SPB, Samuel, BDFB.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like O33A Hebron, N36A Muff Farm, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like J30A Dallas, PKM Mcpherson Peak, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like KSH comp=Z,47nm,4.8s, KURB8 comp=Z,0.9nm,5.2s, etc.

IDC 09 01:17:22.4,2.0, 9.02N: 127.51E, h0km, mb3.7/8, mb1.3,8/8, mb1mx3.6/36, mbtmp3.7/8, MS3.4/3, Ms1.3.5/3, ms1nm2.7/42, Error ellipse: s-maj=200.7km s-min=19.8km D.O.

ISC 09 01:17:27.5,2.0, 9.00N:0.5,12.8E, h35km, n11, 0.064/8, mb3.8/8, MS3.3/3, Philippine Islands region

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

IDC 09 01:31:26.3,0.6, 27.08N: 143.51E, h0km, mb4.0/18, mb1.4,2/21, mb1mx4.1/34, mbtmp4.0/21, ML3.6/3, MS3.3/4, Ms1.3,3/4, ms1mx2.7/41, Error ellipse: s-maj=17.3km s-min=1.5,0km z=156.0

NEIC 09 01:31:27.8,3.2, 27.12N: 143.346E, h7km, 19km, mb4.6/30, Error ellipse: s-maj=8.0km s-min=5.6km az=131.0, ISCB, JB 09 01:31:30.5,0.3, 27.26N:0.04,143.40E:0.04, h33km, mb4.3/45, MS3.5/3, Error ellipse: s-maj=6.7km s-min=4.1km az=151.4

JMA 09 01:31:30.7, 27.23N: 143.30E, h7km, M3.3, ISC 09 01:31:32.3,0.5, 27.26N:0.06,143.39E:0.06, h35km, n71, 0.1516/79, mb4.4/45, MS3.7/3, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JCC Jichijima, JCB Jichijima, etc.

9d 5h

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

TIF 09 03:58:05.7, 42.53N, 43.54E, h11km, 1km

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

MEX 09 04:23:42.6, 20.6, 15.81N, 93.83W, h85km, gkm, MD3.9

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

MEX 09 04:33:33.4, 0.4, 17.94N, 98.59W, h59km, 5km, MD4.0, Guerrero

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

ISC 09 04:53:55.0, 7.0, 26.44N, 144.01E, h0km, mb3.9/10

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

ISC 09 04:38:41.2, 1.4, 20.7S, 0.3, 179.0W, 0.3, h61km, mb3.6/9

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

ISC 09 04:38:41.9, 1.4, 20.8S, 0.3, 178.9W, 0.2, h619km, n14, 0.076/15, mb3.6/9, Fiji Islands region

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

ISC 09 04:43:40.1, 48.0, 15.59S, 172.34W, h0km, mb4.0/3, mb1.4/3.0, mb1mx3.7/37, mbtmp4.0/3, MS4.0/3, Ms1.4/0.3, ms1mx2.9/40, Error ellipse: s-maj=942.0km

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

ISC 09 04:53:25.7, 1.0, 33.94N, 0.02, 36.06E, 0.03, h5km, 6km, Error ellipse: s-maj=2.5km, s-min=2.0km, az=104.0

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

ISC 09 04:53:26.0, 0.1, 33.94N, 0.3, 36.06E, h2km, MD3.3, Error ellipse: s-maj=2.5km, s-min=2.0km, az=104.0

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

ISC 09 04:53:26.7, 0.1, 33.94N, 0.02, 36.06E, 0.03, h7km, 9km, n20, 0.061/37, Jordan-Syria region

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

ISC 09 04:12:15.0, 0.5, 38.96N, 0.02, 26.50E, 0.04, h3km, 6km, Error ellipse: s-maj=5.2km, s-min=3.6km, az=171.5

CSEM 09 04:12:14.9, 0.3, 38.95N, 26.51E, h12km, MD2.7, Error ellipse: s-maj=5.6km, s-min=4.6km, az=55.0

ISC 09 04:12:14.1, 0.1, 38.93N, 26.50E, h9km, MD2.7, DDA 09 04:12:15.2, 0.3, 38.97N, 26.51E, h7km, MD2.6

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

MEX 09 04:23:42.6, 20.6, 15.81N, 93.83W, h85km, gkm, MD3.9, Near coast of Chiapas

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

MEX 09 04:33:33.4, 0.4, 17.94N, 98.59W, h59km, 5km, MD4.0, Guerrero

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

ISC 09 04:53:55.0, 7.0, 26.44N, 144.01E, h0km, mb3.9/10

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

ISC 09 04:38:41.2, 1.4, 20.7S, 0.3, 179.0W, 0.3, h61km, mb3.6/9

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

ISC 09 04:38:41.9, 1.4, 20.8S, 0.3, 178.9W, 0.2, h619km, n14, 0.076/15, mb3.6/9, Fiji Islands region

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

ISC 09 04:43:40.1, 48.0, 15.59S, 172.34W, h0km, mb4.0/3, mb1.4/3.0, mb1mx3.7/37, mbtmp4.0/3, MS4.0/3, Ms1.4/0.3, ms1mx2.9/40, Error ellipse: s-maj=942.0km

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

ISC 09 04:53:25.7, 1.0, 33.94N, 0.02, 36.06E, 0.03, h5km, 6km, Error ellipse: s-maj=2.5km, s-min=2.0km, az=104.0

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

ISC 09 04:53:26.0, 0.1, 33.94N, 0.3, 36.06E, h2km, MD3.3, Error ellipse: s-maj=2.5km, s-min=2.0km, az=104.0

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

ISC 09 04:53:26.7, 0.1, 33.94N, 0.02, 36.06E, 0.03, h7km, 9km, n20, 0.061/37, Jordan-Syria region

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

HWQ Hawqa 0.35 344 eP Pg 04 53 32.7 0.0

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

ISC 09 04:53:45.9, 0.9, 2.77S, 141.46E, h0km, mb3.9/7, mb1.4/0.8, mb1mx3.9/32, mbtmp3.8/8, ML4.0/1, MS3.5/2, Ms1.3/5.2, ms1mx2.7/37, Error ellipse: s-maj=23.0km

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

ISC 09 04:53:45.9, 0.9, 2.77S, 141.46E, h0km, mb3.9/7, mb1.4/0.8, mb1mx3.9/32, mbtmp3.8/8, ML4.0/1, MS3.5/2, Ms1.3/5.2, ms1mx2.7/37, Error ellipse: s-maj=23.0km

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

ISC 09 04:53:55.0, 7.0, 26.44N, 144.01E, h0km, mb3.9/10

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

ISC 09 04:53:55.0, 7.0, 26.44N, 144.01E, h0km, mb3.9/10

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

ISC 09 04:53:55.0, 7.0, 26.44N, 144.01E, h0km, mb3.9/10

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

ISC 09 04:53:55.0, 7.0, 26.44N, 144.01E, h0km, mb3.9/10

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

ISC 09 04:53:55.0, 7.0, 26.44N, 144.01E, h0km, mb3.9/10

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

ISC 09 04:53:55.0, 7.0, 26.44N, 144.01E, h0km, mb3.9/10

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

ISC 09 04:53:55.0, 7.0, 26.44N, 144.01E, h0km, mb3.9/10

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

Table with columns: WRA, Warramunga Arr, 24.23 229 P, 31nm, 0.5s, baz=54, slow=10, SNR=216, P, 05 24 47.7 -0.3

ISCJB 09 05:27:31.8.0.5.38.70N.0.03:28.90E.0.04, h7km, 9km, Error ellipse: s-maj=5.7km s-min=4.6km az=6.3

DDA 09 05:27:31.8.38.71N.28.88E, h7km, MD2.4 CSEM 09 05:27:31.8.0.2.38.68N-28.90E, h10km, MD2.6, Error ellipse: s-maj=5.3km s-min=4.6km az=108.0

ISK 09 05:27:31.1, 38.66N-28.95E, h7km, MD2.6 ISC 09 05:27:32.0.1.0, 38.69N.0.03:28.91E.0.03, h8km, 11km, n17, 0.54/28, Turkey

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

ISC 09 05:31:26.6.2.2, 19.195S-168.04E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.6/3, mbtmp3.6/4, ML3.2/1, Error ellipse: s-maj=66.8km s-min=31.7km az=132.0, Vanuatu Islands

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

ILAR Eielson Array 90.53 18 P P 05 44 30.0 0.0 1.4nm, 1.2s, baz=228, slow=6.1, SNR=3.7

IDC 09 05:36:06.6.1.2, 6.49N, 127.08E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.6/44, mbtmp3.9/6, Error ellipse: s-maj=69.9km s-min=25.4km az=67.0

ISCJB 09 05:36:14.2.1.0, 6.44N.0.1:127.06E.0.09, h74km, mb3.7/6, Error ellipse: s-maj=23.9km s-min=11.9km az=163.8

ISC 09 05:36:16.0.1.2, 6.42N.0.2:127.0E.0.1, h74km, n7, 0.5/22/8, mb3.8/6, IC, Mindanao

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

IDC 09 05:38:59.0.7, 10.67S:66.69E, h0km, mb4.0/15, mb1 4.2/15, mb1mx3.9/51, mbtmp4.0/15, MS3.5/14, Ms1 3.5/14, ms baz=237, slow=5.3, SNR=4.9

ISCJB 09 05:39:00.4.0.7, 10.65S:0.1:66.7E.0.1, h14km, mb4.0/17, MS3.5/14, Error ellipse: s-maj=19.2km s-min=14.7km az=10.0

NEIC 09 05:39:01.6.0.3, 10.66S:66.68E, h10km, mb4.5/2, Error ellipse: s-maj=11.7km s-min=9.2km az=191.0

ISC 09 05:39:02.0.2.0, 10.7S:0.2:66.7E.0.1, h14km, n42, 0.5/64/27, mb4.2/17, MS3.5/14, Mid-Indian Ridge

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

ISC 09 05:53:21.8.2.8, 51.16N:176.50E, h0km, mb3.5/7, mb1 3.9/8, mb1mx3.5/46, mbtmp3.6/8, ML2.8/1, Error ellipse: s-maj=70.7km s-min=27.4km az=12.0

ISCJB 09 05:53:22.1.0.9, 50.64N:176.51E.0.07, h33km, mb3.5/7, Error ellipse: s-maj=12.9km s-min=6.4km az=178.9

NEIC 09 05:53:23.6, 50.77N:176.36E, h25km, ML3.4(AEIC), After AEIC

ISC 09 05:53:24.3.1, 3.507N:0.1:176.37E.0.06, h35km, n18, 0.5/84/22, mb3.8/7, R1, Islands

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

ISCJB 09 06:01:09.4.0.6, 39.28N.0.03:30.46E.0.04, h2km, 7km, Error ellipse: s-maj=6.1km s-min=4.1km az=37.4

CSEM 09 06:01:09.6.0.1, 39.30N:30.45E, h8km, MD2.7, Error ellipse: s-maj=3.9km s-min=2.9km az=41.0

ISK 09 06:01:09.1, 39.27N:30.45E, h11km, MD2.5 DDA 09 06:01:09.1, 39.29N:30.48E, h7km, MD2.7

ISC 09 06:01:09.7.1.0, 39.28N.0.03:30.46E.0.03, h9km, 9km, n24, 0.5/31/37, Turkey

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

ISC 09 06:24:51.3.46.0, 18.50S:177.85W, h579km, 387km, mb3.3/4, mb1 3.4/4, mb1mx2.9/37, mbtmp4.3/4, Error ellipse: s-maj=387.3km s-min=107.6km az=72.0, Fiji Islands region

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

FUNV 09 05:49:45.5, 8.41N:71.30W, h1km, MW3.1

ISCJB 09 05:49:46.0, 9.81N:71.28W.0.03, h10km, 7km, Error ellipse: s-maj=6.0km s-min=4.8km az=155.6

ISC 09 05:49:45.3.1, 8.41N.0.04:71.28W.0.03, h10km, 11km, n22, 0.1/30/0.12, Venezuela

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

ISC 09 06:44:30.9.1.2, 15.91S:178.59E, h0km, mb4.0/11, mb1 4.3/11, mb1mx4.1/36, mbtmp4.0/11, MS3.2/12, Ms1 3.6/12, mb1mx3.4/24, Error ellipse: s-maj=60.6km s-min=19.0km az=149.0

ISCJB 09 06:44:32.2.1.0, 16.0S:0.3:178.6E.0.2, h17km, mb3.9/11, MS3.6/10, Error ellipse: s-maj=50.4km s-min=15.8km az=148.3

ISC 09 06:44:33.7.1.2, 15.9S:0.3:178.6E.0.2, h17km, n28, 0.5/62/18, mb4.0/11, MS3.6/10, 4C-1D, Fiji Islands

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

ISC 09 06:44:30.9.1.2, 15.91S:178.59E, h0km, mb4.0/11, mb1 4.3/11, mb1mx4.1/36, mbtmp4.0/11, MS3.2/12, Ms1 3.6/12, mb1mx3.4/24, Error ellipse: s-maj=60.6km s-min=19.0km az=149.0

ISCJB 09 06:44:32.2.1.0, 16.0S:0.3:178.6E.0.2, h17km, mb3.9/11, MS3.6/10, Error ellipse: s-maj=50.4km s-min=15.8km az=148.3

ISC 09 06:44:33.7.1.2, 15.9S:0.3:178.6E.0.2, h17km, n28, 0.5/62/18, mb4.0/11, MS3.6/10, 4C-1D, Fiji Islands

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

Table with columns: VIRV, Villa del Rosa, 2.36 332 eP, Pn, 05 50 24.0 -0.1

MAN 09 05:51:28, 18.33N-120.76E, h31km, mb3.9, ML2.7, MS2.4, 1C-1D, Luzon

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

IDC 09 05:53:21.8.2.8, 51.16N:176.50E, h0km, mb3.5/7, mb1 3.9/8, mb1mx3.5/46, mbtmp3.6/8, ML2.8/1, Error ellipse: s-maj=70.7km s-min=27.4km az=12.0

ISCJB 09 05:53:22.1.0.9, 50.64N:176.51E.0.07, h33km, mb3.5/7, Error ellipse: s-maj=12.9km s-min=6.4km az=178.9

NEIC 09 05:53:23.6, 50.77N:176.36E, h25km, ML3.4(AEIC), After AEIC

ISC 09 05:53:24.3.1, 3.507N:0.1:176.37E.0.06, h35km, n18, 0.5/84/22, mb3.8/7, R1, Islands

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

ISCJB 09 06:01:09.4.0.6, 39.28N.0.03:30.46E.0.04, h2km, 7km, Error ellipse: s-maj=6.1km s-min=4.1km az=37.4

CSEM 09 06:01:09.6.0.1, 39.30N:30.45E, h8km, MD2.7, Error ellipse: s-maj=3.9km s-min=2.9km az=41.0

ISK 09 06:01:09.1, 39.27N:30.45E, h11km, MD2.5 DDA 09 06:01:09.1, 39.29N:30.48E, h7km, MD2.7

ISC 09 06:01:09.7.1.0, 39.28N.0.03:30.46E.0.03, h9km, 9km, n24, 0.5/31/37, Turkey

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

ISC 09 06:24:51.3.46.0, 18.50S:177.85W, h579km, 387km, mb3.3/4, mb1 3.4/4, mb1mx2.9/37, mbtmp4.3/4, Error ellipse: s-maj=387.3km s-min=107.6km az=72.0, Fiji Islands region

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

FUNV 09 05:49:45.5, 8.41N:71.30W, h1km, MW3.1

ISCJB 09 05:49:46.0, 9.81N:71.28W.0.03, h10km, 7km, Error ellipse: s-maj=6.0km s-min=4.8km az=155.6

ISC 09 05:49:45.3.1, 8.41N.0.04:71.28W.0.03, h10km, 11km, n22, 0.1/30/0.12, Venezuela

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

ISC 09 06:44:30.9.1.2, 15.91S:178.59E, h0km, mb4.0/11, mb1 4.3/11, mb1mx4.1/36, mbtmp4.0/11, MS3.2/12, Ms1 3.6/12, mb1mx3.4/24, Error ellipse: s-maj=60.6km s-min=19.0km az=149.0

ISCJB 09 06:44:32.2.1.0, 16.0S:0.3:178.6E.0.2, h17km, mb3.9/11, MS3.6/10, Error ellipse: s-maj=50.4km s-min=15.8km az=148.3

ISC 09 06:44:33.7.1.2, 15.9S:0.3:178.6E.0.2, h17km, n28, 0.5/62/18, mb4.0/11, MS3.6/10, 4C-1D, Fiji Islands

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

ISC 09 06:44:30.9.1.2, 15.91S:178.59E, h0km, mb4.0/11, mb1 4.3/11, mb1mx4.1/36, mbtmp4.0/11, MS3.2/12, Ms1 3.6/12, mb1mx3.4/24, Error ellipse: s-maj=60.6km s-min=19.0km az=149.0

ISCJB 09 06:44:32.2.1.0, 16.0S:0.3:178.6E.0.2, h17km, mb3.9/11, MS3.6/10, Error ellipse: s-maj=50.4km s-min=15.8km az=148.3

ISC 09 06:44:33.7.1.2, 15.9S:0.3:178.6E.0.2, h17km, n28, 0.5/62/18, mb4.0/11, MS3.6/10, 4C-1D, Fiji Islands

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

ISC 09 06:44:30.9.1.2, 15.91S:178.59E, h0km, mb4.0/11, mb1 4.3/11, mb1mx4.1/36, mbtmp4.0/11, MS3.2/12, Ms1 3.6/12, mb1mx3.4/24, Error ellipse: s-maj=60.6km s-min=19.0km az=149.0

ISCJB 09 06:44:32.2.1.0, 16.0S:0.3:178.6E.0.2, h17km, mb3.9/11, MS3.6/10, Error ellipse: s-maj=50.4km s-min=15.8km az=148.3

ISC 09 06:44:33.7.1.2, 15.9S:0.3:178.6E.0.2, h17km, n28, 0.5/62/18, mb4.0/11, MS3.6/10, 4C-1D, Fiji Islands

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

2011 JAN

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AFI Afiamalu, DZM Mont Zdrumac, PPT2 Papeete2, etc.

Table with columns: THL, Klokotos Trika, THL, Klokotos Trika, LIT, Litokhoron, etc. Includes stations like Klokotos Trika, Litokhoron, Valandovo, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ANDN Andirin, KAMA Kozan, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ATH 09:06:59:22.8, BEO 09:06:59:22.5, etc.

Table with columns: PDO, Prodomos, PVO, Paravola, AGG, Agios Georgios, etc. Includes stations like Prodomos, Paravola, Agios Georgios, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IDC 09:07:20:23.9, IDC 09:07:29:43.7, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, ILAR Eielson Array, BVAR Borovoye Array, ABKAR Akbulak array, FINES FINES Array B.

GUC 09 07:05:23.7:0.4, 38.76S:73.48W, h6km, 2km, ML3.7, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VLCH Valdivia, CCSP San Pedro de C, CCHI Chillan, COCH Cobquecura, HUNY Huinay.

ISCJB 09 08:03:31.2:0.3, 39.13N:0.01:21.44E, 0.02, h6km, 2km, mb3.8/5, Error ellipse: s-maj=2.3km s-min=1.9km az=157.4

CSEM 09 08:03:31.3:0.1, 39.12N:21.47E, h2km, ML3.3, Error ellipse: s-maj=2.7km s-min=2.2km az=64.0

ATH 09 08:03:31.6:0.3, 39.13N:21.48E, h21km, 1km, MD3.3/31, ML2.9

THE 09 08:03:31.6:0.3, 39.13N:21.46E, h0km, 1km, ML3.0/21, Error ellipse: s-maj=1.4km s-min=0.5km az=257.0

IDC 09 08:03:38.6:3.6, 39.14N:21.42E, h69km, 32km, mb3.3/4, mb1.3/3.6, mb1mx3.0/52, mbtmp3.4/6, ML2.9/2, Error ellipse: s-maj=47.2km s-min=22.6km az=124.0

ISC 09 08:03:31.6:0.3, 39.11N:21.44E:0.01, h9km, 7km, h209, 0.09/288, mb3.6/5, 8C-1D, Greece

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations including DSAL Palaion Diasel, EVR Evrytania, PVO Paravola, MAKRA Makrakomi, THL Klokotos, AGG Agios Georgios, JAN Janina, SERG Sergoula, RDI Rodini, UPR University Cam, KALE Kalithea, AXS Araxos, IGT Igoumenitsa, LAKA Lakka, PSARO Psaromita, RLS Riolos of Patr, SGO Sagiada, DSF Desfina, DESF Desfina, KFL Anninata, KFL Anninata.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations including KFL Anninata, VLS Valsamata, DRO Drossia, KLV Kalavryta, KLV Kalavryta, FYTO Fytoko, KZN Kozani, LIT Litokhoron, LKR Lokris, ATAL Atalanti, NEST Nestorio, GOUR Goura, XOR Xorichti, SMIA Simia, NEO Neokhori, KERK Kerkira, PROD Prodromos, THAL Thalerio, SKIA Skiathos, AMT Artemida-Makis, LTK Loutraki, VIL2 Platees, TRIP Tripoli, VILL Villia, AOS Alonissos, PAIG Paliouri, THE Thessaloniki, ITM Ithomi, HRT Horiatia, HORT Horta, GRG Griva, PLG Polygyros, OHR Ohrid, OHR Ohrid, EREA Eretira, ATH Athens Observa, DID Didima, DID Didima, PTL Penteli, PTL Penteli, KRND KRANDI, PYL PYLOS, SOH Sokhos, SOH Sokhos, SMR Samothropolis, OUR Ouranopolis, KUR Kendrickron, KNT Kendrickron, VAY Valandovo, VAY Valandovo, SRS Serrai, SKO Skopje, SKO Skopje, NVR Nevrokopi, LIA Limnos Island, KAVA Kavala, SRI Serifos, SRI Serifos, SMTH Samothraki Isl, SMTH Samothraki Isl, BARS Barje, MATE Matera, MATE Matera, ALN Alexandroupoli, SJES Sjencia, BOVS Bovan, IVAS Ivanjica, STON Ston, STON Ston.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STON, BOLS Boljevac, GRS Gruza, DIVS Divibare, DIVS Divibare, KUBS Kucevo, TEKS Tekevo, GZR Gura Zlata, VOZR VOZR, UDBI Udbina, UDBI Udbina, MRL Muntele Rosu, MRL Muntele Rosu, NVLJ Novajila, NVLJ Novajila, PKSM Moragy, PKSM Moragy, DOPS Dorca, BRTR Keskin Array B, TORD Toronj Be, KURBB Kurchatov Arra, MKAR Makanchi Array, ZALV Zalesovo Beam, NRIK Norik.

ROM 09 08:03:50.5:0.1, 41.84N:13.80E, h4km, 5km, Md1.5/3, MI0.7/2, Error ellipse: s-maj=1.7km s-min=0.5km az=50.0, Southern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SDI San Donato, POFI Posta Fibreno, VVLD Villa Vallelon, VVLD Villa Vallelon.

NEIC 09 08:19:02.0, 35.81S:73.69W, h21km, ML4.2(GUC), After GUC

NEIC Felt [I] at Concepcion

GUC 09 08:19:02.6:0.3, 35.93S:73.61W, h4km, 1km, ML4.1, IDC 09 08:19:02.8:0.9, 35.83S:73.43W, h0km, mb3.8/7, mb1.4/0.10, mb1mx3.9/32, mbtmp3.9/10, ML4.2/3, MS3.7/8, Ms1.3/7.8, ms1mx3.6/21, Error ellipse: s-maj=32.8km s-min=20.5km az=92.0

ISC 09 08:19:05.1:9.1, 35.87S:0.04:73.53W:0.09, h25km, 12km, n32, 0.20/29, mb3.8/7, MS3.8/7, Off coast of central Chile

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations including COCH Cobquecura, CCSP San Pedro de C, CCHI Chillan, CHPI Pichilemu, NICH Los Niches, NICH Los Niches, PELC Peldehue, PLCA Paso Flores, LCO Las Campanas, LCO Las Campanas, LCO Torqueist, LVC Limon Verde, CPUP Villa Florencia, CPUP Villa Florencia, LPAZ La Paz, SIV San Ignacio, SIV Nana, SAML Samuel, ATAH Atahualpa, PMSA Palmer Station, GSPA South Pole Qu, MEH Mehetia, PPT2 Papeete2, PPT Papeete, TXAR Lajitas Array, TXAR Lajitas Array, MAW Mawson, DBIC Dibroko, NVAR Mina Array Bea, TORD Torodi Arra, MKAR Makanchi Array, TATO Taipei, TATO Songoing Array.

JMA 09 08:26:03.1, 35.67N:136.32E, h11km, 1km, M2.7, Western Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JFM Mihama, JWT Wachi, JWS Tsu 2, TSUJ Matsushiro.

IDC 09 08:34:47.4:8.0, 27.21N:144.80E, h0km, mb3.4/3, mb1.3/6.4, mb1mx3.3/44, mbtmp3.4/4, ML3.8/1, Error ellipse: s-maj=298.6km s-min=30.0km az=74.0

9d 10h

2011 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like Palmer Station, Catalina Island, Edson Butte, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LSA, COR COR, RRX, TIN, RND, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HDA, WRAK, WRACK, MDM, etc.

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

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

Table with columns: ID, Name, Comp, Time, 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.

OP	Ambohidratompo	111.11 240	PKKPab	PKKPab	10 23 30.8	-3.5
HDIL	Hopedale	111.48 53	PFAKE	LR	10 22 30.0	
BRAL	Brewton	111.85 64	PFAKE	LR	10 22 30.0	
WVW	Waverly	112.02 58	PFAKE	LR	10 22 30.0	
OLIL	Olney	112.16 55	PFAKE	LR	10 22 30.0	
LRAL	Lakeview Retre	112.23 61	PFAKE	LR	10 22 30.0	
USIN	University of	112.40 56	PFAKE	LR	10 22 30.0	
SFIN	Lafayette	113.12 54	PFAKE	LR	10 22 30.0	
SWET	Sewanee	113.42 59	PFAKE	LR	10 22 30.0	
BLO	Bloomington	113.45 55	PFAKE	LR	10 22 30.0	
BCIP	Isla Barro Col	113.46 88	PFAKE	LR	10 22 30.0	
WCI	Wyandotte Cave	113.51 56	PFAKE	LR	10 22 30.0	
LPZ	La Paz	114.15 119	PKP	PKPpdf	10 22 22.1	-1.0
LPZ	La Paz	114.15 119	PKP	PKPpdf	10 33 02.6	-0.7
LPZ	La Paz	114.15 119	PKP	PKPpdf	10 22 23.6	+0.4
TIGA	Tifton	114.85 64	PFAKE	LR	10 22 30.0	+6.8
WSAR	Wadi Sarin	114.98 287	PKP	PKPpdf	10 22 23.4	-0.3
WSAR	Wadi Sarin	114.98 287	PKP	PKPpdf	10 33 04.5	-0.6
GOGA	Godfrey	115.22 61	PFAKE	LR	10 22 30.0	+6.1
GLMI	Grayling	115.28 49	PFAKE	LR	10 22 30.0	+6.3
SVE	Sverdlovsk	115.62 325	PKP	PKPpdf	10 22 24.2	+0.3
SVE	Sverdlovsk	115.62 325	PKP	PKPpdf	10 22 24.2	+0.3
AAM	Ann Arbor	115.86 52	PFAKE	LR	10 22 30.0	+5.2
DWPF	Disney Wildern	116.22 68	PFAKE	LR	10 22 40.0	+1.4
DBBC	Dabeiba	116.24 92	eP	PKPpdf	10 22 23.6	-2.9
ACSO	Alum Creek Sta	116.25 54	eP	PKPpdf	10 22 25.6	-0.1
GRM	Grahamstown	116.29 215	iP	PKPpdf	10 33 19.3	-1.5
ABRAC	Abakul array	116.33 316	eP	PKPpdf	10 22 25.0	-0.5
PRAC	Prado	116.44 96	eP	PKPpdf	10 22 25.3	-1.5
CPUP	Villa Florida	116.57 134	PKP	PKPpdf	10 22 26.1	-0.6
CPUP	Villa Florida	116.57 134	PKP	PKPpdf	10 32 54.4	0.0
ARU	Arti	116.79 324	PKP	PKPpdf	10 22 25.7	-0.6
ARU	Arti	116.79 324	PKP	PKPpdf	10 32 56.4	+0.8
ARU	Arti	116.79 324	PKP	PKPpdf	10 22 25.6	-0.6
ARU	Arti	116.79 324	PKP	PKPpdf	10 23 33.9	
ARU	Arti	116.79 324	PKP	PKPpdf	10 26 01.2	-0.9
ARU	Arti	116.79 324	PKP	PKPpdf	10 22 25.4	-0.8
ARU	Arti	116.79 324	PKP	PKPpdf	10 32 57.6	+1.9
NORC	Norcross	117.05 94	eP	PKPpdf	10 22 26.5	-1.6
JQC	Jenkinsville	117.14 61	PFAKE	LR	10 22 40.0	+1.2
KMSC	Kings Mountain	117.16 60	PFAKE	LR	10 22 40.0	+1.2
SJAC	San Juan de Ar	117.17 96	eP	PKPpdf	10 22 25.9	-2.5
MOTC	Monteria, Cord	117.28 90	eP	PKPpdf	10 22 27.1	-1.4
ROSC	El Rosal	117.34 95	PKP	PKPpdf	10 22 28.4	-0.6
SOKR	Solikamsk	117.34 328	PKP	PKPpdf	10 22 27.1	0.0
SOKR	Solikamsk	117.34 328	PKP	PKPpdf	10 33 23.3	+0.5
SOKR	Solikamsk	117.34 328	PKP	PKPpdf	10 33 25.1	+5.8
GEYT	Alibeck	117.36 303	PKP	PKPpdf	10 22 27.6	-0.4
GEYT	Alibeck	117.36 303	PKP	PKPpdf	10 32 57.7	+3.7
HATD	Hatta, Dubai	117.52 289	PKP	PKPpdf	10 22 27.6	-1.0
AKTO	Aktubinsk	117.55 317	PKP	PKPpdf	10 22 27.5	-0.3
AKTO	Aktubinsk	117.55 317	PKP	PKPpdf	10 32 50.6	-0.9
ASHO	Ashiyah	117.56 288	PKP	PKPpdf	10 22 27.6	-1.1
CHIC	Chingaza	117.82 95	eP	PKPpdf	10 22 29.3	-0.7
NHSC	New Hope	117.92 62	PFAKE	LR	10 22 40.0	+1.1
MTDJ	Mount Denham	117.93 79	eP	PKPpdf	10 22 28.6	-1.1
NAZ	Nazwa, Dubai	117.96 289	PKP	PKPpdf	10 22 28.2	-1.3
BLA	Al Faja, Dubai	117.98 288	PKP	PKPpdf	10 22 27.8	-1.7
BLA	Blacksburg	118.06 58	PFAKE	LR	10 22 40.0	+1.1
ERPA	Erie	118.58 52	PFAKE	LR	10 22 40.0	+1.0
MCWV	Mont Chateau	118.63 55	PFAKE	LR	10 22 40.0	+1.0
RUSC	La Rusia	118.84 94	eP	PKPpdf	10 22 29.9	-2.2
BARC	Barichara	118.97 93	eP	PKPpdf	10 22 30.5	-1.5
SADO	Sadowa	119.18 49	PFAKE	LR	10 22 40.0	+8.8
KBS	Kingsbay	119.30 355	PFAKE	LR	10 22 40.0	+1.0
OCAC	Ocana	119.34 91	eP	PKPpdf	10 22 31.6	-1.0
GRMC	Gramolote, San	119.67 92	eP	PKPpdf	10 22 32.2	-1.0
CNCC	Cliffs of the	119.68 60	PFAKE	LR	10 22 40.0	+7.0
SUR	Sutherland	119.98 212	PKP	PKPpdf	10 22 33.5	+0.1
SUR	Sutherland	119.98 212	PKP	PKPpdf	10 32 41.1	-1.6
SUR	Sutherland	119.98 212	PKP	PKPpdf	10 22 34.2	+0.7
SUR	Sutherland	119.98 212	PKP	PKPpdf	10 32 41.1	-1.6
SIV	San Ignacio	120.05 122	PKP	PKPpdf	10 22 32.8	-0.9
MMNY	Mt. Morris Dam	120.12 51	PFAKE	LR	10 22 40.0	+7.0

SSPA	Standing Stone	120.14 54	PFAKE	LR	10 22 40.0	+6.8
VLDQ	Val d'Or	120.18 45	eP	PKPpdf	10 22 34.2	+1.3
CBN	Corbin Frederi	120.51 56	PFAKE	LR	10 22 40.0	+6.1
GTBY	Guantanamo Bay	120.52 78	eP	PKPpdf	10 22 33.9	-0.5
BOSA	Bosho	120.53 218	PKP	PKPpdf	10 22 35.1	+0.6
MVL	Millersville	121.32 54	PFAKE	LR	10 22 50.0	+1.5
BINY	Binghamton	121.55 52	PFAKE	LR	10 22 50.0	+1.4
KSPA	Keystone Colle	121.73 53	PFAKE	LR	10 22 50.0	+1.4
SAML	Samuel	121.97 114	eP	PKPpdf	10 22 36.4	-1.1
SDV	Santo Domingo	122.07 91	PKP	PKPpdf	10 22 36.8	-1.1
SDV	Santo Domingo	122.07 91	PKP	PKPpdf	10 22 37.0	-0.8
DAG	Danmarks Havn	122.36 2	eP	PKPpdf	10 22 34.9	-1.5
DAG	Danmarks Havn	122.36 2	eP	PKPpdf	10 22 34.9	-1.5
ZOMB	Zomba	122.36 237	iP	PKPpdf	10 24 19.1	+5.4
LGNH	L'Gogne	122.57 80	PFAKE	LR	10 22 50.0	+1.2
ODNJ	Ogdensburg	122.63 53	PFAKE	LR	10 22 50.0	+1.2
NCB	Newcomb	122.74 50	PFAKE	LR	10 22 50.0	+1.2
PAPH	Port-au-Prince	122.86 80	eP	PKPpdf	10 22 39.6	+0.7
FRNY	Flat Rock	123.12 49	PFAKE	LR	10 22 50.0	+1.1
CPNY	Central Park	123.13 53	PFAKE	LR	10 22 50.0	+1.1
PAL	Palisades	123.16 53	PFAKE	LR	10 22 50.0	+1.1
ACCN	Adirondack Com	123.19 50	PFAKE	LR	10 22 50.0	+1.1
TRY	Troy	123.24 51	PFAKE	LR	10 22 50.0	+1.1
LVZ	Lovozero	123.42 341	PKP	PKPpdf	10 22 39.7	+1.0
LVZ	Lovozero	123.42 341	PKP	PKPpdf	10 22 50.0	+1.1
YLE	Yale	123.87 53	PFAKE	LR	10 22 50.0	+1.0
SDDR	Presas de Saban	123.89 80	eP	PKPpdf	10 22 39.9	-1.1
TRIS	Tristan da Cun	123.96 179	PFAKE	LR	10 22 50.0	+9.3
APA	Apacity	124.00 341	PKP	PKPpdf	10 22 43.8	+4.1
HNH	Hanover	124.16 50	PFAKE	LR	10 22 50.0	+9.2
QUAZ	Belchertown	124.24 52	PFAKE	LR	10 22 50.0	+9.0
TMCR	Tamitsa	124.26 336	eP	PKPpdf	10 22 45.2	+4.9
KEV	Kevo	124.37 345	eP	PKPpdf	10 22 40.7	+0.4
LBNH	Lisbon	124.37 49	PFAKE	LR	10 22 50.0	+8.8
SUMG	Summit	124.53 10	eP	PKPpdf	10 22 41.4	+0.2
SUMG	Summit	124.53 10	eP	PKPpdf	10 22 41.4	+0.2
SUMG	Summit	124.53 10	eP	PKPpdf	10 22 40.1	-1.1
FFD	Franklin Falls	124.64 50	PFAKE	LR	10 22 50.0	+8.3
HRV	Adam Dzewionki	124.81 51	PFAKE	LR	10 22 50.0	+8.0
BRYV	Bryant College	124.87 52	PFAKE	LR	10 22 50.0	+7.8
ARAO	ARCES Array S	124.89 345	eP	PKPpdf	10 22 40.9	-0.6
ARAO	ARCES Array B	124.89 345	eP	PKPpdf	10 22 40.9	-0.6
SPB	Sao Paulo	124.90 139	eP	PKPpdf	10 22 43.4	+0.5
WES	Weston	124.99 51	PFAKE	LR	10 22 50.0	+7.6
LMQ	La Malbaie	125.01 45	eP	PKPpdf	10 22 41.1	-1.2
KLMR	Klimovskoe	125.19 332	eP	PKPpdf	10 22 39.0	-3.2
MAK	Makhachkala	125.36 309	eP	PKPpdf	10 19 20.0	0.0
SCHO	Schefferville	125.41 36	PKP	PKPpdf	10 22 42.5	-0.7
SCHO	Schefferville	125.41 36	PKP	PKPpdf	10 22 42.5	-0.7
MZM	Mzuzu	125.64 240	iP	PKPpdf	10 24 41.4	+5.5
WVL	Waterville	125.94 49	PFAKE	LR	10 22 50.0	+5.9
PKME	Peaks-Kenny Pk	126.09 48	eP	PKPpdf	10 22 43.7	-0.7
SFJD	Kangerlussuaq	126.17 18	eP	PKPpdf	10 22 42.3	-1.6
SFJD	Kangerlussuaq	126.17 18	eP	PKPpdf	10 22 50.0	+6.1
DAMY	Dhamar	126.39 274	eP	PKPpdf	10 22 48.0	+1.8
POI	Presque Isle	126.72 46	eP	PKPpdf	10 22 44.1	-1.5
RAYN	Ar Rayn	126.93 285	eP	PKPpdf	10 22 47.2	+0.5

RAYN	Ar Rayn	126.93 285	eP	PKPpdf	10 22 47.2	+0.5
ATD	Arta Tunnel	127.10 270	PKP	PKPpdf	10 22 48.8	+1.5
EMMW	East Machias	127.47 48	PFAKE	LR	10 23 00.0	+1.3
TBLG	Delisi	127.54 308	eP	PKPpdf	10 22 47.4	0.0
TBLG	Delisi	127.54 308	eP	PKPpdf	10 22 47.4	0.0
VRH	Novokhoporsky	127.58 320	eP	PKPpdf	10 22 46.0	-1.1
VRH	Novokhoporsky	127.58 320	eP	PKPpdf	10 22 46.0	-1.1
CRPR	Cabo Rojo, PR	127.60 82	eP	PKPpdf	10 22 46.7	-1.4
AGP	Aguadilla	127.62 81	PFAKE	LR	10 23 00.0	+1.2
LSP	Las Mesas	127.65 82	eP	PKPpdf	10 22 47.0	-1.3
AGPR	Aguadilla, PR	127.68 81	eP	PKPpdf	10 22 51.4	+3.1
GNI	Garni	127.72 306	PKP	PKPpdf	10 22 49.2	+1.3
GNI	Garni	127.72 306	PKP	PKPpdf	10 22 48.3	-0.3
GNI	Garni	127.72 306	PKP	PKPpdf	10 22 49.3	+1.3
LSZ	Lusaka	127.91 232	PKP	PKPpdf	10 22 49.9	+0.9
LSZ	Lusaka	127.91 232	PKP	PKPpdf	10 22 49.4	+0.4
KMBO	Kilima Mbogo	127.94 253	PKP	PKPpdf	10 22 49.7	+0.4
KMBO	Kilima Mbogo	127.94 253	PKP	PKPpdf	10 22 50.2	+0.9
AOPR	Arcibco Observ	127.99 81	eP	PKPpdf	10 22 47.3	-1.6
ZEI	Tsey	128.00 310	iP	PKPpdf	10 22 45.9	-2.6
OBIP	Obispado Ponce	128.08 82	eP	PKPpdf	10 22 47.6	-1.4
CELP	Cerrillos	128.11 82	eP	PKPpdf	10 22 47.9	-1.2
NCK	Nankiville	128.11 311	iP	PKPpdf	10 22 48.3	-0.1
ICMP	Isla Caja de M	128.12 82	eP	PKPpdf	10 22 48.5	-0.6
GOF	Gofitskoye	128.22 313	eP	PKPpdf	10 22 42.5	-6.0
MOS	Moscow	128.27 327	eP	PKPpdf	10 22 46.1	-2.1
MOS	Moscow	128.27 327	eP	PKPpdf	10 24 51.2	
MOS	Moscow	128.27 327	eP	PKPpdf	10 35 00.4	+0.4
MOS	Moscow	128.27 327	eP	PKPpdf	10 42 09.2	+3.0
ONI	Oni	128.36 309	P	PKPpdf	10 22 49.4	+0.4
SCO	Scoresbysund	128.42 4	eP	PKPpdf	10 22 48.4	+0.3
SCO	Scoresbysund	128.42 4	eP	PKPpdf	10 22 48.4	+0.3
AKH	Akhalkalaki	128.51 308	eP	PKPpdf	10 22 49.7	+0.3
AKH	Akhalkalaki	128.51 308	eP	PKPpdf	10 22 49.8	+0.3
AKH	Akhalkalaki	128.51 308	eP	PKPpdf	10 22 51.3	+1.9
SJG	San Juan	128.51 82	PKP	PKPpdf	10 22 48.9	-0.9
SJG	San Juan	128.51 82	PKP	PKPpdf	10 26 08.8	
SJG	San Juan	128.51 82	PKP	PKPpdf	10 22 47.0	-2.8
SJG	San Juan	128.51 82	PKP	PKPpdf	10 22 48.7	-1.1
SJG	San Juan	128.51 82	PKP	PKPpdf	10 26 08.8	
KJBZ	Khabaz	128.57 311	PKP	PKPpdf	10 22 49.5	+0.3

2011 JAN

9d 10h

Table with multiple columns containing station names, frequencies, and various codes. The table is organized into several vertical sections, each starting with a station name and followed by its details. The data is dense and covers a wide range of stations and frequencies.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for URZ Urewera, CTA Charters Tower, CTAO Charters Tower, etc.

ISC 09 10:24:44.8:27.0,22:13S:172:02W,h0km,mb4.1/4, mb1 4.2/4,mb1mx3.9/43,mbtmp4.1/4, Error ellipse: s-maj=503.4km s-min=163.3km az=77.0, Tonga Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, etc.

ISC 09 10:25:21.9:1.3,35:79S:0:04:73:7W:0:1,h33km, Error ellipse: s-maj=14.3km s-min=5.5km az=4.1 GUC 09 10:25:22.0:4.0,35:76S:73:63W,h22km,5km,ML3.5 ISC 09 10:25:23.8:2.3,35:85S:0:05:73:6W:0:2,h35km,n14, 0:097/19,1C,Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for COCH Cobquecura, CCSP San Pedro de Co, CCHI Chillan, etc.

ISC 09 10:28:58.6:1.0,19:01S:167:68E,h0km,mb3.9/7, mb1 4.2/8,mb1mx4.0/38,mbtmp4.0/8,ML3.8/1, Error ellipse: s-maj=28.6km s-min=20.8km az=104.0 NEIC 09 10:29:59.0:1.9,19:02S:167:83E,h10km,mb4.3/4, Error ellipse: s-maj=17.0km s-min=15.1km az=116.0 ISC 09 10:29:00.0:0.8,19:02S:0:07:167:7E:0:1,h28km, mb4.0/8, Error ellipse: s-maj=18.3km s-min=10.0km az=15.3 ISC 09 10:29:02.0:5.0,19:00S:0:10:167:7E:0:2,h28km,n16, 0:073/15,mb4.0/8,Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for DZM Mont Dzumac, URZ Urewera, CTA Charters Tower, etc.

ISC 09 10:32:01.8:1.5,1:20N:126:67E,h0km,mb4.2/5, mb1 4.3/6,mb1mx3.8/51,mbtmp4.2/6,ML3.8/1, Error ellipse: s-maj=11.7km s-min=19.0km az=68.0 DJA 09 10:32:11.5:3.3,1:19N:12:6E:1:1,h11km,43km,ML4.8/8, mb4.9/1,MLV4.2/8 ISC 09 10:32:09.4:1.0,1:1N:0:1:126:53E:0:07,h47km,n15, 0:212/12,mb4.0/5,Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for TINTI Ternate, LBMI Labuai, SSGI Sangihe, etc.

ISC 09 10:33:12.9:0.7,19:35S:168:34E,h0km,mb4.6/19, mb1 4.7/20,mb1mx4.6/33,mbtmp4.6/20,ML4.2/1, Error ellipse: s-maj=21.1km s-min=15.5km az=137.0 NEIC 09 10:33:14.4:0.3,19:28S:168:34E,h10km,mb4.9/12, Error ellipse: s-maj=9.2km s-min=8.2km az=154.0 ISC 09 10:33:16.4:0.4,19:39S:0:06:168:27E:0:07,h33km, mb4.7/27, Error ellipse: s-maj=9.4km s-min=7.4km az=29.7 ISC 09 10:33:18.0:0.5,19:40S:0:08:168:32E:0:10,h35km,n49, 0:080/13,mb4.8/26,1C,Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for DZM Mont Dzumac, DZM Urewera, RAO Raoul Island, etc.

ISC 09 10:35:18.0:3.0,6,19:15S:168:25E,h0km,mb4.4/15, mb1 4.6/16,mb1mx4.5/32,mbtmp4.4/16,ML4.2/1, Error ellipse: s-maj=19.6km s-min=16.6km az=114.0 NEIC 09 10:37:28.0:0.4,19:17S:168:26E,h10km,mb4.7/13, Error ellipse: s-maj=10.5km s-min=9.6km az=153.0 ISC 09 10:37:29.0:0.4,19:20S:0:06:168:17E:0:07,h33km, mb4.5/23, Error ellipse: s-maj=10.3km s-min=7.6km az=28.5 ISC 09 10:37:31.6:0.5,19:22S:0:08:168:22E:0:09,h35km,n42, 0:1507/42,mb4.6/22,Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for DZM Mont Dzumac, CTA Charters Tower, CTAO Charters Tower, etc.

ISC 09 10:39:19.3:1.2,19:20S:168:32E,h0km,mb4.3/8, mb1 4.5/9,mb1mx4.2/37,mbtmp4.3/9, Error ellipse: s-maj=32.4km s-min=25.3km az=124.0 NEIC 09 10:39:21.8:0.8,19:23S:168:30E,h10km,mb4.6/5, Error ellipse: s-maj=20.1km s-min=16.2km az=132.0 ISC 09 10:39:24.9:1.3,19:55:0:2:168:5E:0:2,h42km,n19, 0:1506/16,mb4.4/10,Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for YKA Yellowknife Ar, MKAR Makanchi Array, GERES GERRSS Array B, etc.

ISC 09 10:39:47.5:2.2,19:21S:168:63E,h0km,mb4.0/9, mb1 4.2/10,mb1mx4.1/30,mbtmp4.0/10,ML4.0/1, Error ellipse: s-maj=59.4km s-min=22.8km az=129.0 NEIC 09 10:39:48.3:1.1,19:30S:168:74E,h10km,mb4.4/3, Error ellipse: s-maj=29.2km s-min=13.6km az=134.0 ISC 09 10:39:50.5:1.2,19:45:0:1:168:6E:0:2,h33km,mb4.1/11, Error ellipse: s-maj=30.7km s-min=10.2km az=31.6 ISC 09 10:39:51.9:1.2,19:45:0:2:168:3E:0:2,h35km,n13, 0:1513/14,mb3.9/11,Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for DZM Mont Dzumac, CTA Charters Tower, CTAO Charters Tower, etc.

ISC 09 10:41:58.5:1.4,19:27S:168:36E,h0km,mb4.1/8, mb1 4.4/9,mb1mx4.1/20,mbtmp4.1/9,ML3.4/1, Error ellipse: s-maj=50.9km s-min=22.1km az=142.0 ISC 09 10:42:02.2:1.1,19:35:0:1:168:3E:0:2,h33km,mb4.1/7, Error ellipse: s-maj=29.9km s-min=10.6km az=28.7 ISC 09 10:42:03.8:1.2,19:45:0:2:168:3E:0:2,h35km,n9, 0:055/9,mb4.0/7,Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for DZM Mont Dzumac, CTA Charters Tower, STKA Stephens Creek, etc.

ISC 09 10:47:26.3:0.6,19:15S:168:25E,h0km,mb4.4/15, mb1 4.6/16,mb1mx4.5/32,mbtmp4.4/16,ML4.2/1, Error ellipse: s-maj=19.6km s-min=16.6km az=114.0 NEIC 09 10:47:28.0:0.4,19:17S:168:26E,h10km,mb4.7/13, Error ellipse: s-maj=10.5km s-min=9.6km az=153.0 ISC 09 10:47:29.0:0.4,19:20S:0:06:168:17E:0:07,h33km, mb4.5/23, Error ellipse: s-maj=10.3km s-min=7.6km az=28.5 ISC 09 10:47:31.6:0.5,19:22S:0:08:168:22E:0:09,h35km,n42, 0:1507/42,mb4.6/22,Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes entries for DZM Mont Dzumac, RAO Raoul Island, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNF Hinterfeld, HNF Hinterefeld, HNF Champ du Feu, etc.

1.3nm,0.3s,baz=281,slow=2.8,SNR=9.2
IDC 09 10:58:26.6-1.3, 19:39S:168:39E, h0km, mb4.1/7,
mb1 4.3/8, mb1mx4.1/36, mbtmp4.1/8, ML4.2/1, Error
ellipse: s-maj=46.0km s-min=20.9km az=139.0

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

IDC 09 11:20:23.6-1.2, 19:40S:168:50E, h0km, mb4.2/10,
mb1 4.4/11, mb1mx4.1/48, mbtmp4.2/11, ML3.6/1, Error
ellipse: s-maj=8.3km s-min=17.8km az=140.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, OHAK Old Harbor, etc.

IDC 09 11:24:51.3-0.7, 27:05N:143:43E, h0km, mb4.0/19,
mb1 4.2/22, mb1mx4.0/61, mbtmp4.0/22, ML3.5/3, Error
ellipse: s-maj=17.9km s-min=15.2km az=76.0

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

IDC 09 11:24:55.1-0.2, 27:21N:143:37E, h1km, M3.6,
ISC 09 11:24:56.6-0.6, 27:12N:143:38E, 0.07, h35km, n83,
a:1919/92, mb4.4/40, 3C-1D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HIA Haiiar, HHC Hu-ho-hao-te, etc.

IDC 09 11:34:43.0-0.9, 30:85S:0:03-69:30W, 0:04, h119km, gkm,
Error ellipse: s-maj=5.4km s-min=5.3km az=15.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AMOG MOGNA, AMOG Cerro Villuco, etc.

ISC 09 11:40:25.9-0.7, 51:73S:0:09-28:2E, 0:3, h10km, mb3.8/8,
Error ellipse: s-maj=28.7km s-min=12.7km az=170.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, etc.

IDC 09 11:29:58.3-1.8, 19:43S:168:61E, h0km, mb4.1/8,
mb1 4.3/9, mb1mx4.0/43, mbtmp4.1/8, ML3.5/1, Error
ellipse: s-maj=55.8km s-min=21.7km az=135.0

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

IDC 09 11:34:43.0-0.9, 30:85S:0:03-69:30W, 0:04, h119km, gkm,
Error ellipse: s-maj=5.4km s-min=5.3km az=15.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AMOG MOGNA, AMOG Cerro Villuco, etc.

ISC 09 11:40:25.9-0.7, 51:73S:0:09-28:2E, 0:3, h10km, mb3.8/8,
Error ellipse: s-maj=28.7km s-min=12.7km az=170.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AMOG MOGNA, AMOG Cerro Villuco, etc.

ISC 09 11:40:25.9-0.7, 51:73S:0:09-28:2E, 0:3, h10km, mb3.8/8,
Error ellipse: s-maj=28.7km s-min=12.7km az=170.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SUR Sutherland, MAW Mawson, BOSA Boshof, SNAA Snae, LSZ Lusaka, QSPA South Pole Qui, VNSA Vanda, CPUP Villa Florida, ASAR Alice Springs.

ICC 09 11:40:35.1.1.3, 19:25S:168:44E, h0km, mb3.9/6, mb1 4.1/7, mb1mx3.9/4, mbtm3.9/7, ML3.8/1, Error ellipse: s-maj=37.2km s-min=25.6km az=136.0

ISCJBJ 09 11:40:39.1.0.19:30S:019:168:2E:0.1, h33km, mb3.9/5, Error ellipse: s-maj=20.1km s-min=12.0km az=20.9

ICC 09 11:40:41.3.1.2, 19:45S:01:168:4E:0.2, h35km, n10, r1511/10, mb3.9/5, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for DZM Mont Dzumac, URZ Urewera, CTA Charters Tower, WRA Warramunga Arr, GSPA South Pole Qui, SONM Sogingo Array, ILAR Eielson Array, YKA Yellowknife Arr, GERES GERES Array B.

ICC 09 11:46:27.1.1.1, 19:42S:167:93E, h0km, mb4.3/10, mb1 4.4/11, mb1mx4.2/30, mbtm4.3/11, ML4.0/1, Error ellipse: s-maj=26.9km s-min=23.2km az=123.0

NEIC 09 11:46:29.1.0.6, 19:38S:167:85E, h10km, mb4.5/6, Error ellipse: s-maj=15.0km s-min=14.3km az=123.0

ISCJBJ 09 11:46:30.5.0.6, 19:52S:01:07:167:72E:0.10, h26km, mb4.2/13, Error ellipse: s-maj=13.9km s-min=9.1km az=17.7

ICC 09 11:46:31.4.0.8, 19:55S:01:167:85E:0.2, h26km, n24, r1511/19, mb4.4/12, 1C-1D, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for DZM Mont Dzumac, OUZ Omahuta, CTA Charters Tower, URZ Urewera, STKA Stephens Creek, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, CMAR Chiang Mai Arr, MAW Mawson, OHAK Old Harbor, ULN Ulanbaatar, SONM Sogingo Array, NVAR Mina Array Bea, TXAR Lajitas Arr, YKA Yellowknife Arr, GERES GERES Array B, MOIN Mollin, FETA Feichten, BFO Black Forest.

ICC 09 11:48:25.0.1.2, 29:33N:81:63E, h0km, mb3.7/8, mb1 3.8/10, mb1mx3.5/65, mbtm3.6/10, ML3.8/2, Error ellipse: s-maj=42.4km s-min=17.6km az=57.0

ISCJBJ 09 11:48:27.1.1.1, 29:33N:01:81:63E:0.2, h27km, mb3.6/8, Error ellipse: s-maj=31.7km s-min=13.0km az=147.9

ICC 09 11:48:29.1.5.2, 29:49N:02:81:7E:0.3, h27km, n10, r0581/10, mb3.5/8, Nepal

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for MKAR Makanchi Array, CMAR Chiang Mai Arr, KURBB Kurchatov Arr, ZALV Zalesovo Beam, SONM Sogingo Array, FINES FINES Array B, ARCES ARCES Array B, HFS Hagfors, WRA Warramunga Arr, ASAR Alice Springs.

CSEM 09 11:49:44.9, 35:27N:21:23E, h40km, MD3.5, ATH 09 11:49:44.9, 35:27N:21:23E, h40km, 8km, MD3.5/5, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for KYTH Kithira, KYTH Kithira.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for KYTH Kithira, ANKY Antikythira Is, ANKY Antikythira Is, ITM Ithomi, VLI Veliai, VLI Veliai, IMMV Iera Moni Meta, IMMV Iera Moni Meta.

ICC 09 12:00:15.0.0.8, 19:27S:168:46E, h0km, mb4.4/16, mb1 4.6/17, mb1mx4.4/39, mbtm4.5/17, ML4.0/1, MS4.1/1, Ms1 4.1/1, ms1mx3.5/36, Error ellipse: s-maj=20.0km s-min=17.5km az=124.0

NEIC 09 12:00:16.8.0.6, 19:22S:168:44E, h10km, mb4.7/8, Error ellipse: s-maj=12.8km s-min=12.2km az=99.0

ISCJBJ 09 12:00:18.6.0.6, 19:35S:01:07:168:38E:0.09, h33km, mb4.6/17, MS4.1/1, Error ellipse: s-maj=12.2km s-min=9.1km az=20.7

ICC 09 12:00:20.5.0.7, 19:34S:01:09:168:4E:0.1, h35km, n38, r1508/35, mb4.4/17, 2C-1D, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for DZM Mont Dzumac, DZM DZM, EIDS Eidsvold, URZ Urewera, CTA Charters Tower, THZ Tophouse, PMG Port Moresby, PMG Port Moresby, CAN Canberra, COEN Coen, STKA Stephens Creek, WRAB Tennant Creek, WRA Warramunga Arr.

ICC 09 12:06:27.1.1.1, 19:42S:167:93E, h0km, mb4.3/10, mb1 4.4/11, mb1mx4.2/30, mbtm4.3/11, ML4.0/1, Error ellipse: s-maj=26.9km s-min=23.2km az=123.0

NEIC 09 12:06:29.1.0.6, 19:38S:167:85E, h10km, mb4.5/6, Error ellipse: s-maj=15.0km s-min=14.3km az=123.0

ISCJBJ 09 12:06:30.5.0.6, 19:52S:01:07:167:72E:0.10, h26km, mb4.2/13, Error ellipse: s-maj=13.9km s-min=9.1km az=17.7

ICC 09 12:06:31.4.0.8, 19:55S:01:167:85E:0.2, h26km, n24, r1511/19, mb4.4/12, 1C-1D, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, NVAR Mina Array Bea, SYO Syowa Base, SONM Sogingo Array, NVAR Mina Array Bea, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, ILAR Eielson Array, YKA Yellowknife Arr, MKAR Makanchi Array, ARCES ARCES Array B, GERES GERES Array B, MOA Mollin, BFO Black Forest, FETA Feichten, TUE Stuetta, TORD Torodi Arr.

ICC 09 12:06:09.8.16.0, 24:10S:177:97W, h488km, 148km, mb3.2/4, mb1 3.4/5, mb1mx3.1/33, mbtm4.2/5, Error ellipse: s-maj=278.1km s-min=89.3km az=69.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for URZ Urewera, CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr.

DDA 09 12:08:16.0, 36:33N:36:38E, h7km, MD2.8

CSEM 09 12:08:16.8.0.3, 36:36N:36:36E, h5km, MD2.4, Error ellipse: s-maj=9.3km s-min=5.9km az=159.0

ISK 09 12:08:16.0, 36:37N:36:40E, h5km, MD2.4

ICC 09 12:08:16.6.0.9, 36:34N:03:36:36E:0.03, h13km, 8km, n20, r0550/29, Jordan-Syria region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for TAHT Tahakopru-Hat, YAYL Yayladag, KUZU Kuzuzi, KRYS Karatas, KRYS Karatas, CEYT Ceyhan, CEYT Ceyhan, KAMA Osmanyie, KOZT Kozan, KOZT Kozan, KMRS Kahramanmaras, KMRS Kahramanmaras, GULE Gule, GULE Gule, SURC SANLIURFA, SURC SANLIURFA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SURC SANLIURFA, SURC SANLIURFA, SARI SarD1z-Kayseri.

ICC 09 12:10:2.2.5.19, 33S:168:32E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.6/32, mbtm3.6/4, ML3.1/1, Error ellipse: s-maj=69.5km s-min=29.1km az=127.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

ICC 09 12:19:58.7.5.5, 9:45S:161:43E, h66km, 40km, mb3.3/3, mb1 3.5/3, mb1mx3.2/29, mbtm3.6/3, Error ellipse: s-maj=50.4km s-min=37.4km az=142.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for HNR Honiara, HNR Honiara, WRA Warramunga Arr, SONM Sogingo Array, ILAR Eielson Array.

ICC 09 12:27:30.3.5.7, 4:40S:153:02E, h159km, 44km, mb3.1/3, mb1 3.4/4, mb1mx3.1/30, mbtm3.7/4, Error ellipse: s-maj=119.2km s-min=30.6km az=125.0, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, TORD Torodi Arr.

ICC 09 12:34:05.2.11.0, 19:43S:167:99E, h0km, mb3.9/3, mb1 4.0/4, mb1mx3.1/39, mbtm3.8/4, ML3.2/1, Error ellipse: s-maj=205.1km s-min=42.5km az=88.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

ICC 09 12:40:12.0.1.1, 26:32N:143:71E, h0km, mb3.5/5, mb1 3.8/7, mb1mx3.6/55, mbtm3.6/7, ML3.6/2, Error ellipse: s-maj=26.1km s-min=21.3km az=86.0

ISCJBJ 09 12:40:14.2.0.9, 27:12N:01:09:143:81E:0.07, h33km, mb3.6/5, Error ellipse: s-maj=12.9km s-min=8.3km az=156.8

JMA 09 12:40:15.7.0.1, 27:33N:143:67E, h38km, M3.5

ICC 09 12:40:17.3.1.1, 27:11N:01:143:66E:0.09, h35km, n11, r1529/14, mb3.5/5, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for JCJ Chichijima, CBJ Chichi jima, JHHJ Haha-jima-NKT, JHHJ JHHJ, JRY Ryugasaki, MJAR Eielson Array, KRSR Kera Array, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ILAR Eielson Array, YKA Yellowknife Arr.

NIED 09 12:42:00, 42:30N:144:60E, h23km, Mw4.7, Best double couple: M0:1.4000:0.1016 NP1:0a:41.00000:0.840.00000, lambda:106.00000. NP2:0b:201.00000:0.552.00000:0.777.00000

ICC 09 12:42:27.1.0.4, 42:37N:144:43E, h0km, mb4.7/38, mb1 4.8/43, mb1mx4.8/262, mbtm4.7/43, ML3.6/4, MS4.4/10, Ms1 4.4/10, ms1mx3.9/60, Error ellipse: s-maj=12.2km s-min=9.8km az=145.0

SKHL 09 12:42:30.6.0.4, 42:19N:144:60E, h41km, 6km, mb4.9/14, Error ellipse: s-maj=12.2km s-min=9.8km az=145.0

BJJ 09 12:42:30.9, 42:31N:144:54E, h40km, mb4.7/59, mb5.2/32, Ms4.6/28, Ms7.4/26

MOS 09 12:42:31.1.0.9, 42:27N:144:44E, h41km, mb5.1/71, MS4.4/9, Error ellipse: s-maj=6.9km s-min=4.6km az=98.0

JMA 09 12:42:31.0, 42:34N:144:52E, h31km, 2km, M4.7

JMA Felt II J1

ISCJBJ 09 12:42:31.4.0.4, 42:35N:02:144:44E:0.02, h37km, 3km, mb5.0/272, MS4.6/20, Error ellipse: s-maj=4.4km s-min=2.3km az=157.1

NEIC 09 12:42:31.1.1.1, 42:40N:144:38E, h22km, 7km, mb5.1/187, Error ellipse: s-maj=4.0km s-min=2.4km az=152.0

NEIC Recorded (2 JMA) in south-central Hokkaido and (1 JMA) in eastern Hokkaido

ICC 09 12:42:31.0.5, 42:36N:04:144:49E:0.03, h25km, 3km, n911, r0994/934, mb5.0/273, MS4.6/20, 17C-15D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for JAK Akkeshi, JOB Obsets, JOB Obsets, JCH Churui, JCH Churui, Moyeri, Erimo, Erimo, Erimo, Erimo.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KLUA, PAX, UTTA, KURK, LAMP, EYAK, HARP, CHAI, CHTO, CHTO, DOT, BMRM, CMAR, CMAR, CM01, MHMT, SRK, EGAK, PDGK, DAWY, TAPN, CHKZ, INK, INK, ODAN, BVA0, BRVK, RAMN, TKM2, OTUK, PKIN, ZRNK, DMN, AAK, AAK, AAK, KSH, KSH, KSH, KSH, KSH, KSH, KSH, EKS2, KOLN, MNAS, KK31, KKAR, SVE, SVE, SVE, DLBC, DLBC, KULM, SOKR, SOKR, ARU, ARU, ARU, ARU, ALE, NDI, SPB5, SPA2, SPB2, SPB3, COEN, MTN, AB31, AB31, ABKAR, RES, RES, KBL, KBL, YKA, YKB, LVKZ, TMCR, TMCR, ARCES, KLMR, KLMR.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DAG, DAG, DAG, HYB, NLWA, CMW, B05A, E03A, CTA, CTA0, B06A, D05A, WRA, C06D, RCM, LON, LON, G03D, F04A, COR, COR, LTY, GEYT, GEYT, TBM, B08A, WTV, NAC, KEBM, EDM, EDM, EDM, I03D, H04A, TRW, KBO, G05D, E07A, I04A, SUF, C08A, D08A, HAWA, L02D, G06A, I05D, H05D, NEW, NEW, NEW, J04D, JCC, KHMM, VAF, VAF, FINES, VRR, VRR, VRR, VRH, VRH, VRH, OBN, OBN, OBN, OBN, J05D, YBH, YBH, K04D, SUMG, SUMG, SUMG, M02C, G08A, N02D, LPSR, LPSR, LPSR, M04C, K05A, KIPM, WALA, F10A, WDC, BSMT, ASAR, VSR, VSR.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VSR, VSR, JMTM, VORD, VORD, VORD, MOD, HOPS, O03D, SWMT, J08A, VSU, VSU, MSO, MSO, ORV, WVOR, OHCM, FFC, FFC, FFC, AFDM, FCC, GOF, GOF, HRY, LRM, EGMT, EGMT, DLMT, NCK, NCK, HLID, HLID, MCMT, KVAR, KIV, KIV, KIV, KBZ, KBZ, ZEI, ZEI, BOZ, BOZ, BMN, NACGM, QLMT, NV01, MLAC, NB2, NOA, NOA, YHH, NBO02, YMR, ELK, ELK, ELK, YNR, YFT, LKWY, H17A, H17A, RLMT, RLMT, MOOW, FRB, VES, LHU, REDW, DGMT, DGMT, A25A, AHID, GRAC, AKASG, KIEV, KIEV, BGU, AK11, SBC, R11A, R11A, ARVC, ARVC, DAC, DAC.

9d 12h

2011 JAN

H36A	Jessenland, He baz=320	78.92	38	P	P	12 54 32.3 +0.2	KSU1	Kansas State U comp=Z,15nm,0.8s	81.78	43	eP	P	12 54 46.9 -0.8	230A	Sterling City baz=318,SNR=8.6	84.70	51	P	P	12 55 03.5 +0.7
SPMN	Marine on St. baz=321	78.94	37	P	P	12 54 31.4 -0.8	Q36A	Bolkow baz=320,SNR=5.5	81.83	42	P	P	12 54 48.1 +0.3	LPL	La Plagne comp=Z,7.0nm,1.0s	84.75	332	eP	pmax	12 55 02.9 -0.2
J34A	George baz=319	78.95	40	P	P	12 54 32.0 -0.3	TRI	Trife comp=Z,7.6nm,0.8s	81.95	328	eP	P	12 54 48.0 -0.3	LPG	La Plagne comp=Z,9.0nm,0.9s	84.76	332	eP	pmax	12 55 03.8 +0.6
K33A	Hardington baz=319	78.95	41	P	P	12 54 32.4 0.0	T32A	Huddler Ranch, baz=318	82.01	46	P	P	12 54 49.2 +0.3	AVF	Avril sur Lor. comp=Z,7.0nm,0.7s	84.77	334	eP	pmax	12 55 01.9 -0.9
I35A	Creekview Farm baz=320	78.98	39	P	P	12 54 32.3 -0.2	FETA	Feichten comp=Z,4nm,1.3s,SNR=7.5	82.02	330	↑iP	P	12 54 48.9 0.0	LAST	Lasithi comp=Z,4.7nm,1.2s	84.82	314	eP	P	12 55 03.6 +0.2
T25A	Trinidad baz=315,SNR=7.5	79.03	49	P	P	12 54 33.5 +0.4	P36A	Good Intent, A baz=320	82.10	42	P	P	12 54 49.5 +0.3	U38A	Gravette baz=318,SNR=5.1	84.95	44	P	P	12 55 04.0 0.0
T25A	Trinidad comp=Z,1.3nm,0.8s	79.03	49	eP	P	12 54 34.0 +0.9	N38A	Joes South For baz=320	82.16	40	P	P	12 54 49.3 -0.2	W36A	Wetumka baz=320	84.98	46	P	P	12 55 04.2 0.0
Q28A	Sharon Springs baz=316	79.07	47	P	P	12 54 33.5 +0.3	AMTX	Amarillo comp=Z,2.19nm,2.8s	82.18	49	eP	P	12 54 50.8 +0.9	V37A	Hulbert baz=320,SNR=11	84.98	45	P	P	12 55 04.4 +0.2
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	AMTX	Amarillo comp=Z,2.19nm,2.8s	82.18	49	eP	P	12 54 50.8 +0.9	ABTX	Abilene, Hawle baz=318	84.99	50	P	P	12 55 04.5 +0.3
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	O37A	Wolven Farm, M baz=320	82.20	41	P	P	12 54 50.4 +0.6	ABTX	Abilene, Hawle comp=Z,2.55nm,1.3s	84.99	50	eP	P	12 55 05.0 +0.7
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	MSTX	Muleshoe comp=Z,7.22nm,2.3s	82.23	51	eP	P	12 54 50.6 +0.5	Z33A	Whitaker Ranch baz=319	84.99	49	P	P	12 55 04.5 +0.3
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	Q35A	Mercer Eighty, baz=320	82.26	43	P	P	12 54 50.0 -0.1	S40A	Lebanon baz=322	85.00	42	P	P	12 55 04.0 -0.2
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	MNTX	Cornudas Mount baz=316,SNR=3.7	82.32	54	P	P	12 54 51.3 +0.6	330A	Mertz baz=319	85.01	51	P	P	12 55 04.7 +0.2
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	MNTX	Cornudas Mount comp=Z,2.3nm,1.6s	82.32	54	eP	P	12 54 51.2 +0.6	IDI	Anoyia comp=Z,1.4nm,1.0s	85.03	314	eP	P	12 55 04.7 +0.2
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	N39A	Derby Farms, D baz=321	82.45	40	P	P	12 54 51.2 +0.1	TX31	Lajitas Ar. Si 85.05	54	eP	P	12 55 05.4 +0.7	
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	Q36A	Arnold C. Orve baz=320	82.47	43	P	P	12 54 50.9 -0.3	TXAR	Lajitas Ar. Si comp=Z,6.7nm,0.8s,baz=296,slow=3.6,SNR=57	85.05	54	eP	P	12 55 05.2 +0.5
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	FUORN	Ofenpass-Fuorn comp=Z,1.2nm,0.8s	82.53	330	eP	P	12 54 52.0 +0.3	Y34A	Reagan Ranch, baz=319	85.05	48	P	P	12 55 04.7 +0.3
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	P37A	Lathrop baz=320	82.55	42	P	P	12 54 51.5 -0.1	231A	Bronte baz=318,SNR=7.6	85.12	51	P	P	12 55 05.2 +0.3
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	V31A	Spring Creek L baz=318	82.55	48	P	P	12 54 53.2 +1.4	X35A	Drake baz=319	85.14	47	P	P	12 55 05.0 0.0
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	U32A	Winer Ranch, baz=318	82.56	47	P	P	12 54 52.4 +0.6	T40A	Mansfield baz=322	85.34	42	P	P	12 55 05.7 -0.2
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	O38A	Galt baz=321	82.57	41	P	P	12 54 52.1 +0.4	X36A	Centrahoma baz=320,SNR=7.6	85.34	46	P	P	12 55 06.5 +0.6
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	R35A	Emporia Municipi baz=321	82.58	44	P	P	12 54 52.2 +0.4	V38A	Canehill baz=321,SNR=8.2	85.34	48	P	P	12 55 06.3 +0.1
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	VLDQ	Val d'Or comp=Z,2.3nm,0.9s	82.91	40	P	P	12 54 53.9 +0.4	Z34A	Coil Ranch, baz=319	85.40	48	P	P	12 55 06.8 +0.5
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	O39A	Kirkville baz=321	82.91	40	P	P	12 54 53.9 +0.4	133A	Hamilton Ranch baz=318	85.41	49	P	P	12 55 06.9 +0.6
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	P38A	Dawn baz=321,SNR=7.4	82.92	41	P	P	12 54 53.9 +0.3	331A	San Angelo baz=318	85.52	51	P	P	12 55 06.8 -0.1
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	W31A	Holland Ranch, baz=319	82.93	48	P	P	12 54 54.3 +0.6	232A	Coleman baz=318,SNR=9.4	85.53	50	P	P	12 55 07.7 +0.6
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	R36A	Gordon, Harris baz=320,SNR=11	82.94	43	P	P	12 54 53.9 +0.3	HPiG	comp=Z,1.8nm,1.0s	85.54	57	eP	P	12 55 08.0 +0.7
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	X30A	Coker Ranch, T baz=318	82.96	49	P	P	12 54 54.0 +0.1	Z35A	Perchvan, San baz=319	85.79	48	P	P	12 55 08.2 -0.1
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	TUE	Stuenkel comp=Z,8.2nm,2.6s	82.99	331	eP	P	12 54 53.9 -0.1	530A	J-C Ranch, Com baz=319	85.84	52	P	P	12 55 08.8 +0.3
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	U33A	Lingo Farm, Me baz=319	83.00	46	P	P	12 54 54.4 +0.4	X37A	Clayton baz=320	85.85	46	P	P	12 55 08.8 +0.3
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	S35A	Otter Creek Ra baz=320,SNR=9.2	83.00	44	P	P	12 54 54.5 +0.4	332A	Millersview baz=318,SNR=9.1	85.86	51	P	P	12 55 09.0 +0.4
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	V32A	Arapah baz=318	83.03	47	P	P	12 54 54.8 +0.6	233A	Rising Star baz=319	85.86	50	P	P	12 55 08.9 +0.3
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	Q37A	Longview Farm, baz=321	83.04	42	P	P	12 54 54.0 -0.2	431A	Sonora baz=318	85.87	52	P	P	12 55 09.0 +0.2
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	T34A	McClaskey Farm baz=319	83.05	45	P	P	12 54 54.4 +0.1	Y36A	Durant baz=320	85.89	47	P	P	12 55 08.7 0.0
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	R37A	Teagarden Farm baz=320,SNR=5.5	83.28	43	P	P	12 54 54.9 -0.6	134A	White-Moore Ra baz=319	85.91	49	P	P	12 55 09.1 +0.3
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	U34A	Anderson Ranch baz=319	83.31	46	P	P	12 54 56.2 +0.6	W38A	PotEAU baz=321	85.93	45	P	P	12 55 09.2 +0.4
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	U34A	Anderson Ranch comp=Z,2.6nm,0.8s	83.31	46	eP	P	12 54 56.4 +0.8	X38A	Whitesboro baz=320	86.08	45	P	P	12 55 10.2 +0.5
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	X31A	McDonald Ranch baz=318	83.32	49	P	P	12 54 55.5 -0.2	432A	Menard baz=318,SNR=5.7	86.20	51	P	P	12 55 10.4 0.0
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	O40A	La Belle baz=322	83.34	40	P	P	12 54 55.4 -0.2	Z36A	Blue Ridge baz=320	86.29	47	P	P	12 55 11.1 +0.5
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	S36A	Lake Cedric, C baz=320,SNR=9.2	83.35	44	P	P	12 54 55.8 0.0	135A	Vickers Place, baz=318	86.29	48	P	P	12 55 11.3 +0.6
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	W32A	Sentinel baz=318,SNR=5.1	83.36	48	P	P	12 54 56.3 +0.3	531A	Rocksprings baz=318	86.29	52	P	P	12 55 11.3 +0.5
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	V33A	Lossen Ranch, baz=319	83.36	47	P	P	12 54 56.4 +0.4	234A	Clairette baz=319,SNR=5.7	86.30	49	P	P	12 55 11.5 +0.7
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	Q38A	Cooks Store, C baz=321,SNR=8.5	83.39	42	P	P	12 54 56.1 +0.1	333A	Richard Sprin baz=319,SNR=8.2	86.33	50	P	P	12 55 11.5 +0.6
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	P39A	Salisbury baz=321	83.41	41	P	P	12 54 56.3 +0.2	JCT	Junction City baz=318	86.49	51	eP	P	12 55 12.2 +0.5
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	T35A	Sooner Cattle baz=320,SNR=9.9	83.48	45	P	P	12 54 57.0 +0.5	JCT	Junction City comp=Z,1.04nm,2.4s	86.49	51	eP	P	12 55 12.2 +0.6
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	Q39A	Willow Grove F baz=321,SNR=12	83.64	41	P	P	12 54 57.5 +0.2	SIUC	Southern Hill comp=Z,3.6nm,0.9s	86.50	40	eP	P	12 55 12.2 +0.6
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	Y31A	Rekla Farm, baz=318	83.66	49	P	P	12 54 57.6 +0.2	PBMO	Poplar Bluff comp=Z,4nm,1.0s	86.67	41	eP	P	12 55 12.6 +0.2
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	Z30A	Sanderson Ranch baz=317	83.66	50	P	P	12 54 58.0 +0.5	532A	Rocksprings baz=318	86.69	51	P	P	12 55 13.2 +0.5
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	T36A	Boggs Farm, Ca baz=320,SNR=7.2	83.70	44	P	P	12 54 58.0 +0.4	433A	Art baz=319	86.69	51	P	P	12 55 13.1 +0.4
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	S37A	Fort Scott baz=320,SNR=7.5	83.71	43	P	P	12 54 57.8 +0.2	334A	Lometa baz=319	86.75	50	P	P	12 55 13.5 +0.5
KHC	Kasperske Hory e	79.20	330	eP	P	12 54 33.9 +0.3	P40A	Paris baz=322,SNR=8.8	83.72	40	P	P	12 54 57.3 -0.4	Z37A	Pogue Cattle C baz=32					

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LEM, PSI, ZALV, ASAR, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CHMN, IMEH, IBAF, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like EKS2, EKSZ, ABKAR, etc.

BUJ 09 13:13:01.1, 27.45N-53.24E, h34km, mb4.5/14, mB4.7/4, Ms4.3/3, Mst7.4/04

THR 09 13:13:06.0, 27.50N-54.26E, h17km, km, ML4.2

TEH 09 13:13:08.4, 27.69N-54.25E, h17km, ML4.0

NEIC 09 13:13:09.2, 27.76N-54.11E, h33km, 15km, mb4.2/9, ML4.2(THR), Error ellipse: s-maj=6.9km s-min=6.0km az=180.0

CSEM 09 13:13:09.1, 27.70N-54.15E, h30km, mb4.3/25, Error ellipse: s-maj=6.3km s-min=4.7km az=42.0

ISC 09 13:13:07.0, 27.68N-54.04E, h23km, n184, e148/181, mb4.1/43, 21C-12D, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, H, S, I, S, C. Lists various stations and their parameters.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WSAR, IKLH, IKOH, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ARU, ARU, ARU, etc.

ellipse: s-maj=3.4km s-min=2.6km az=103.0 THE 09 14:10:31.6,39.07N,23.17E,h14km,ML1.9/10,Error ellipse: s-maj=0.8km s-min=0.5km az=352.0

ATH 09 14:10:31.1,39.07N,23.20E,h19km,ML2.7/15 ISC 09 14:10:31.1,39.07N,0.02,23.18E,0.02,h17.5km,n58,c041/105, Aegean Sea

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

IDC 09 14:18:30.3,1.5,11.96N,86.21W,h0km,mb3.2/4,mb1 3.6/6,mb1mx3.4/39,mbtmp3.3/6,ML3.0/2,M52.5/1,MS1 2.5/1,ms1mx2.3/22, Error ellipse: s-maj=94.2km s-min=23.5km az=50.0, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC event.

IDC 09 14:22:38.6,0.5,19.37S,168.39E,h0km,mb4.6/20,mb1 4.8/22,mb1mx4.6/33,mbtmp4.6/22,ML4.3/2,MS3.9/9,MS1 3.9/9,ms1mx3.5/11.4, Error ellipse: s-maj=17.8km s-min=14.7km az=54.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC event.

Main table of seismic events with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic events and their station data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC event.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the IDC event.

Table with columns: MKAR, Makanchi Array, 101.24 316 P Pdif, 14 36 31.8 +0.1, etc. Includes stations like ZALV, Zalesovo Beam, KURK, Kurchatov, etc.

Table with columns: SIGR, SIGRI, 1.76 320 ePN P, 14 28 40.3 +0.6, etc. Includes stations like DZM, Mont Dzumac, WRA, Warramunga Arr, etc.

Table with columns: CGA2, Cerro Gallo 2, 2.66 112 eP Pn, 14 53 01.7 +1.2, etc. Includes stations like VSM, San Miguel, PACA, Pacayal, etc.

ISCJB 09 14:28:07.9.0.5, 37.87N.0.03:27.29E.0.04, h1km, 4km, Error ellipse: s-maj=5.7km s-min=4.5km az=146.8

DDA 09 14:28:07.5, 37.86N.27.26E, h0km, MD2.6, Error ellipse: s-maj=5.7km s-min=4.5km az=146.8

ISC 09 14:28:07.6, 37.87N.27.31E, h2km, MD2.5, Error ellipse: s-maj=5.7km s-min=4.7km az=81.0

ISC 09 14:28:07.5, 37.86N.0.02:27.30E.0.03, h13km, 7km, n28, s1516/40, Turkey

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

ISC 09 14:46:03.6.2.0, 19.02S.168.32E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.8/9, mbmt3.8/6, ML3.9/1, Error ellipse: s-maj=5.7km s-min=2.6km az=129.0

ISCJB 09 14:46:06.5.1.8, 19.03S.0.2:168.4E.0.3, h33km, mb3.8/5, Error ellipse: s-maj=4.8km s-min=2.1km az=23.2

ISC 09 14:46:08.3.1.8, 19.3S.0.2:168.5E.0.3, h35km, n7, s055/7, mb3.75, Vanuatu Islands

ISC 09 14:46:08.3.1.4, 11.05N.0.06:86.97W.0.07, h49km, 14km, n32, s157/35, mb3.6, MS3.7/3, ID, Near coast of Nicaragua

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

ISC 09 14:54:41.2.0.4, 19.39S.168.46E, h0km, mb4.8/32, mb1 4.9/35, mb1mx4.9/46, mbmt4.9/35, ML4.8/3, MS5.0/17, MS1 5.0/17, ms1mx4.8/27, Error ellipse: s-maj=13.5km s-min=1.1km az=131.0

BJJ 09 14:54:42.7, 19.14S.168.37E, h10km, mb5.0/58, MB5.5/52, MS5.4/57, MS7.5/0/55

GCMT 09 14:54:43.2.0.2, 19.28S.168.36E, h27km, MW5.4/104, Moment Tensor Solution, s87.122, s104.169, Duration: 1s2 Moment tensor: Scale 10^17Nm; Mrr=0.70z.03; Mth=0.49z.02; Mtt=0.21z.02; M0.09z.04; Mxy=0.69z.01; Mxz=1.24z.06; Best double couple: Mt1.54700z.1017 NP1.7z.344.000000, s75.000000, lambda=63.000000, NP2.7z.100.000000, s30.000000, lambda=150.000000, Principal axes: T 2.0500, P1g26.0000, Azm53.0000; N 0.1430, P1g26.0000, Azm175.0000; P 0.6180, P1g52.0000, Azm285.0000, nsta1 refer to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s

NEIC 09 14:54:43.2.0.2, 19.30S.168.41E, h10km, mb5.4/53, MS5.3/18, MW5.5 Error ellipse: s-maj=6.1km s-min=3.8km az=105.0, Moment Tensor Solution, s15 Moment tensor: Scale 10^17Nm; Mrr=0.84; Mth=0.72; Mxy=0.12; Mxz=1.09; Mxz=0.59; Mxz=1.34; Best double couple: lambda=79.000000, NP2.7z.100.000000, s18.000000, lambda=128.000000, Principal axes: T 2.0500, P1g30.0000, Azm40.0000; N -0.1300, P1g11.0000; Azm136.0000; P 0.6180, P1g52.0000, Azm284.0000, nsta1 refer to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s

MOS 09 14:54:45.1.4, 19.39S.168.44E, h33km, mb5.2/44, MS5.2/16, Error ellipse: s-maj=9.7km s-min=8.4km az=109.7

ISC 09 14:54:45.0.6, 19.45S.0.04:168.41E.0.05, h24km, 3km, h24km, pP, P, s563, s1943/462, mb5.1/105, MS5.3/161, 24C-24D, Vanuatu Islands

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

2011 JAN

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like PMG Port Moresby, CNB Canberra, YNG Young, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like SBA Scott Base, SBA Scott Base, STKI Sintang, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like HBR comp=Z,270m,2.0s, HBR comp=Z,560nm,18.0s, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like GNTB, CBN, LONY, NCB, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like PRU, TREC, SANT, KNT, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other technical details. Includes stations like TUE, LOMF, CUC, etc.

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

IDC 09 15:42:21.7, 2.2, 19.60S; 168.64E, h0km, mb4.0/7, mb1 4.2/8, mb1mx3.9/42, mbtmp4.0/8, ML3.2/1, Error ellipse: s-maj=65.4km s-min=23.5km az=131.0

NEIC 09 15:42:23.0, 1.5, 19.62S; 168.72E, h10km, mb4.3/1, Error ellipse: s-maj=37.4km s-min=17.3km az=129.0

ISCJB 09 15:42:25.7, 1.7, 19.66S; 0.2x168.5E, 0.3, h33km, mb3.9/6, Error ellipse: s-maj=40.8km s-min=11.6km az=28.7

ISC 09 15:42:26.8, 1.9, 19.75S; 0.2, 168.7E, 0.3, h35km, n9, c1500/10, mb3.9/7, 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 Charters Tower, CTAO Charters Tower, etc.

ISCJB 09 15:50:25.8, 0.3, 2.34N; 0.04x122.75E, 0.04, h450km, mb3.7/15, Error ellipse: s-maj=5.9km s-min=5.2km az=34.2

DJA 09 15:50:27.0, 2.0, 4.2, N5.5x12.3E, h457km, 6km, M4.2/12, mb4.3/12, mb4.8/5, MLV4.3/3, Mw(mb)4.0/5

IDC 09 15:50:27.5, 1.3, 2.22N; 122.74E, h471km, 16km, mb3.3/15, mb1 3.4/17, mb1mx3.2/51, mbtmp4.1/17, Error ellipse: s-maj=18.0km s-min=8.7km az=74.0

KLM 09 15:50:31.4, 2.5, 23N; 132.49E, h483km, mb4.4, ML3.6, ISC 09 15:50:28.3, 0.5, 2.1N; 0.01x122.78E, 0.07, h450km, n54, c1833/57, mb3.7/15, 2C-4D, Celebes Sea

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations including GTOI Gorontalo, MHSI Marisa, SGGI Sangihe, etc.

mb3.5/22, Error ellipse: s-maj=7.0km s-min=4.8km az=14.2
MOS 09 15:51:29.8, 1.1, 48.02N; 146.34E, h379km, mb4.0/13, Error ellipse: s-maj=16.8km s-min=8.7km az=80.2
SKHL 09 15:51:29.4, 1.0, 47.81N; 146.56E, h478km, 13km, mb4.6/7, ms4.8/6
JMA 09 15:51:31.7, 0.4, 47.34N; 146.59E, h509km, M3.7
IDC 09 15:51:31.7, 0.9, 48.17N; 146.22E, h478km, 13km, mb3.1/19, mb1 3.3/26, mb1mx3.2/61, mbtmp4.0/26, Error ellipse: s-maj=17.9km s-min=9.2km az=164.0

ISC 09 15:51:30.4, 0.5, 47.82N; 0.06x146.44E, 0.07, h483km, n68, c1868/90, mb3.5/22, 2C-1D, Northwest Kuril Islands

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

ARCES ARCES Array B 55.27 338 eP P 16 00 16.0 -0.6
ARCES ARCES Array B 55.27 338 eP P 16 00 16.0 -0.6
FINES FINES Array B 61.04 332 eP P 16 00 54.8 -1.1
NB2 NORSAR Subarra 65.64 338 P P 16 01 24.5 -1.0
NOA NORSAR Array B 65.64 338 eP P 16 01 24.4 -1.2
NOA NORSAR Array B 65.64 338 eP P 16 01 24.7 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NVAR Mira Bay Area, KBZ Khabarovsk, PDAR Pinedale Array, etc.

IDC 09 15:55:00.7, 0.5, 19.26S; 168.23E, h0km, mb4.7/25, mb1 4.8/28, mb1mx4.5/38, mbtmp4.7/28, ML4.1/2, MS4.4/28, MS1 4.4/28, mb1mx4.3/38, Error ellipse: s-maj=14.8km s-min=12.8km az=112.0

BUI 09 15:55:02.0, 1.1, 19.10S; 168.20E, h10km, mb5.0/53, MB5.5/42, MS5.2/29, MS7.4/8/29

ISCJB 09 15:55:03.0, 0.2, 19.25S; 0.04x168.12E, 0.04, h20km, mb5.0/70, MS4.5/37, Error ellipse: s-maj=5.6km s-min=4.3km az=139.6

GCMT 09 15:55:02.6, 0.1, 19.26S; 168.03E, h12km, MW5.2/110, Moment Tensor Solution, s73, c100; s110, c183; Duration: 190 Moment tensor: Scale 10^17Nm; Mw=0.71; M1: 0.0280, P1: 0.0280, N1: 0.0280; M2: 0.0320, P2: 0.0320, N2: 0.0320; M3: 0.0320, P3: 0.0320, N3: 0.0320; M4: 0.0320, P4: 0.0320, N4: 0.0320; M5: 0.0320, P5: 0.0320, N5: 0.0320; M6: 0.0320, P6: 0.0320, N6: 0.0320; M7: 0.0320, P7: 0.0320, N7: 0.0320; M8: 0.0320, P8: 0.0320, N8: 0.0320; M9: 0.0320, P9: 0.0320, N9: 0.0320; M10: 0.0320, P10: 0.0320, N10: 0.0320; M11: 0.0320, P11: 0.0320, N11: 0.0320; M12: 0.0320, P12: 0.0320, N12: 0.0320; M13: 0.0320, P13: 0.0320, N13: 0.0320; M14: 0.0320, P14: 0.0320, N14: 0.0320; M15: 0.0320, P15: 0.0320, N15: 0.0320; M16: 0.0320, P16: 0.0320, N16: 0.0320; M17: 0.0320, P17: 0.0320, N17: 0.0320; M18: 0.0320, P18: 0.0320, N18: 0.0320; M19: 0.0320, P19: 0.0320, N19: 0.0320; M20: 0.0320, P20: 0.0320, N20: 0.0320; M21: 0.0320, P21: 0.0320, N21: 0.0320; M22: 0.0320, P22: 0.0320, N22: 0.0320; M23: 0.0320, P23: 0.0320, N23: 0.0320; M24: 0.0320, P24: 0.0320, N24: 0.0320; M25: 0.0320, P25: 0.0320, N25: 0.0320; M26: 0.0320, P26: 0.0320, N26: 0.0320; M27: 0.0320, P27: 0.0320, N27: 0.0320; M28: 0.0320, P28: 0.0320, N28: 0.0320; M29: 0.0320, P29: 0.0320, N29: 0.0320; M30: 0.0320, P30: 0.0320, N30: 0.0320; M31: 0.0320, P31: 0.0320, N31: 0.0320; M32: 0.0320, P32: 0.0320, N32: 0.0320; M33: 0.0320, P33: 0.0320, N33: 0.0320; M34: 0.0320, P34: 0.0320, N34: 0.0320; M35: 0.0320, P35: 0.0320, N35: 0.0320; M36: 0.0320, P36: 0.0320, N36: 0.0320; M37: 0.0320, P37: 0.0320, N37: 0.0320; M38: 0.0320, P38: 0.0320, N38: 0.0320; M39: 0.0320, P39: 0.0320, N39: 0.0320; M40: 0.0320, P40: 0.0320, N40: 0.0320; M41: 0.0320, P41: 0.0320, N41: 0.0320; M42: 0.0320, P42: 0.0320, N42: 0.0320; M43: 0.0320, P43: 0.0320, N43: 0.0320; M44: 0.0320, P44: 0.0320, N44: 0.0320; M45: 0.0320, P45: 0.0320, N45: 0.0320; M46: 0.0320, P46: 0.0320, N46: 0.0320; M47: 0.0320, P47: 0.0320, N47: 0.0320; M48: 0.0320, P48: 0.0320, N48: 0.0320; M49: 0.0320, P49: 0.0320, N49: 0.0320; M50: 0.0320, P50: 0.0320, N50: 0.0320; M51: 0.0320, P51: 0.0320, N51: 0.0320; M52: 0.0320, P52: 0.0320, N52: 0.0320; M53: 0.0320, P53: 0.0320, N53: 0.0320; M54: 0.0320, P54: 0.0320, N54: 0.0320; M55: 0.0320, P55: 0.0320, N55: 0.0320; M56: 0.0320, P56: 0.0320, N56: 0.0320; M57: 0.0320, P57: 0.0320, N57: 0.0320; M58: 0.0320, P58: 0.0320, N58: 0.0320; M59: 0.0320, P59: 0.0320, N59: 0.0320; M60: 0.0320, P60: 0.0320, N60: 0.0320; M61: 0.0320, P61: 0.0320, N61: 0.0320; M62: 0.0320, P62: 0.0320, N62: 0.0320; M63: 0.0320, P63: 0.0320, N63: 0.0320; M64: 0.0320, P64: 0.0320, N64: 0.0320; M65: 0.0320, P65: 0.0320, N65: 0.0320; M66: 0.0320, P66: 0.0320, N66: 0.0320; M67: 0.0320, P67: 0.0320, N67: 0.0320; M68: 0.0320, P68: 0.0320, N68: 0.0320; M69: 0.0320, P69: 0.0320, N69: 0.0320; M70: 0.0320, P70: 0.0320, N70: 0.0320; M71: 0.0320, P71: 0.0320, N71: 0.0320; M72: 0.0320, P72: 0.0320, N72: 0.0320; M73: 0.0320, P73: 0.0320, N73: 0.0320; M74: 0.0320, P74: 0.0320, N74: 0.0320; M75: 0.0320, P75: 0.0320, N75: 0.0320; M76: 0.0320, P76: 0.0320, N76: 0.0320; M77: 0.0320, P77: 0.0320, N77: 0.0320; M78: 0.0320, P78: 0.0320, N78: 0.0320; M79: 0.0320, P79: 0.0320, N79: 0.0320; M80: 0.0320, P80: 0.0320, N80: 0.0320; M81: 0.0320, P81: 0.0320, N81: 0.0320; M82: 0.0320, P82: 0.0320, N82: 0.0320; M83: 0.0320, P83: 0.0320, N83: 0.0320; M84: 0.0320, P84: 0.0320, N84: 0.0320; M85: 0.0320, P85: 0.0320, N85: 0.0320; M86: 0.0320, P86: 0.0320, N86: 0.0320; M87: 0.0320, P87: 0.0320, N87: 0.0320; M88: 0.0320, P88: 0.0320, N88: 0.0320; M89: 0.0320, P89: 0.0320, N89: 0.0320; M90: 0.0320, P90: 0.0320, N90: 0.0320; M91: 0.0320, P91: 0.0320, N91: 0.0320; M92: 0.0320, P92: 0.0320, N92: 0.0320; M93: 0.0320, P93: 0.0320, N93: 0.0320; M94: 0.0320, P94: 0.0320, N94: 0.0320; M95: 0.0320, P95: 0.0320, N95: 0.0320; M96: 0.0320, P96: 0.0320, N96: 0.0320; M97: 0.0320, P97: 0.0320, N97: 0.0320; M98: 0.0320, P98: 0.0320, N98: 0.0320; M99: 0.0320, P99: 0.0320, N99: 0.0320; M100: 0.0320, P100: 0.0320, N100: 0.0320; M101: 0.0320, P101: 0.0320, N101: 0.0320; M102: 0.0320, P102: 0.0320, N102: 0.0320; M103: 0.0320, P103: 0.0320, N103: 0.0320; M104: 0.0320, P104: 0.0320, N104: 0.0320; M105: 0.0320, P105: 0.0320, N105: 0.0320; M106: 0.0320, P106: 0.0320, N106: 0.0320; M107: 0.0320, P107: 0.0320, N107: 0.0320; M108: 0.0320, P108: 0.0320, N108: 0.0320; M109: 0.0320, P109: 0.0320, N109: 0.0320; M110: 0.0320, P110: 0.0320, N110: 0.0320; M111: 0.0320, P111: 0.0320, N111: 0.0320; M112: 0.0320, P112: 0.0320, N112: 0.0320; M113: 0.0320, P113: 0.0320, N113: 0.0320; M114: 0.0320, P114: 0.0320, N114: 0.0320; M115: 0.0320, P115: 0.0320, N115: 0.0320; M116: 0.0320, P116: 0.0320, N116: 0.0320; M117: 0.0320, P117: 0.0320, N117: 0.0320; M118: 0.0320, P118: 0.0320, N118: 0.0320; M119: 0.0320, P119: 0.0320, N119: 0.0320; M120: 0.0320, P120: 0.0320, N120: 0.0320; M121: 0.0320, P121: 0.0320, N121: 0.0320; M122: 0.0320, P122: 0.0320, N122: 0.0320; M123: 0.0320, P123: 0.0320, N123: 0.0320; M124: 0.0320, P124: 0.0320, N124: 0.0320; M125: 0.0320, P125: 0.0320, N125: 0.0320; M126: 0.0320, P126: 0.0320, N126: 0.0320; M127: 0.0320, P127: 0.0320, N127: 0.0320; M128: 0.0320, P128: 0.0320, N128: 0.0320; M129: 0.0320, P129: 0.0320, N129: 0.0320; M130: 0.0320, P130: 0.0320, N130: 0.0320; M131: 0.0320, P131: 0.0320, N131: 0.0320; M132: 0.0320, P132: 0.0320, N132: 0.0320; M133: 0.0320, P133: 0.0320, N133: 0.0320; M134: 0.0320, P134: 0.0320, N134: 0.0320; M135: 0.0320, P135: 0.0320, N135: 0.0320; M136: 0.0320, P136: 0.0320, N136: 0.0320; M137: 0.0320, P137: 0.0320, N137: 0.0320; M138: 0.0320, P138: 0.0320, N138: 0.0320; M139: 0.0320, P139: 0.0320, N139: 0.0320; M140: 0.0320, P140: 0.0320, N140: 0.0320; M141: 0.0320, P141: 0.0320, N141: 0.0320; M142: 0.0320, P142: 0.0320, N142: 0.0320; M143: 0.0320, P143: 0.0320, N143: 0.0320; M144: 0.0320, P144: 0.0320, N144: 0.0320; M145: 0.0320, P145: 0.0320, N145: 0.0320; M146: 0.0320, P146: 0.0320, N146: 0.0320; M147: 0.0320, P147: 0.0320, N147: 0.0320; M148: 0.0320, P148: 0.0320, N148: 0.0320; M149: 0.0320, P149: 0.0320, N149: 0.0320; M150: 0.0320, P150: 0.0320, N150: 0.0320; M151: 0.0320, P151: 0.0320, N151: 0.0320; M152: 0.0320, P152: 0.0320, N152: 0.0320; M153: 0.0320, P153: 0.0320, N153: 0.0320; M154: 0.0320, P154: 0.0320, N154: 0.0320; M155: 0.0320, P155: 0.0320, N155: 0.0320; M156: 0.0320, P156: 0.0320, N156: 0.0320; M157: 0.0320, P157: 0.0320, N157: 0.0320; M158: 0.0320, P158: 0.0320, N158: 0.0320; M159: 0.0320, P159: 0.0320, N159: 0.0320; M160: 0.0320, P160: 0.0320, N160: 0.0320; M161: 0.0320, P161: 0.0320, N161: 0.0320; M162: 0.0320, P162: 0.0320, N162: 0.0320; M163: 0.0320, P163: 0.0320, N163: 0.0320; M164: 0.0320, P164: 0.0320, N164: 0.0320; M165: 0.0320, P165: 0.0320, N165: 0.0320; M166: 0.0320, P166: 0.0320, N166: 0.0320; M167: 0.0320, P167: 0.0320, N167: 0.0320; M168: 0.0320, P168: 0.0320, N168: 0.0320; M169: 0.0320, P169: 0.0320, N169: 0.0320; M170: 0.0320, P170: 0.0320, N170: 0.0320; M171: 0.0320, P171: 0.0320, N171: 0.0320; M172: 0.0320, P172: 0.0320, N172: 0.0320; M173: 0.0320, P173: 0.0320, N173: 0.0320; M174: 0.0320, P174: 0.0320, N174: 0.0320; M175: 0.0320, P175: 0.0320, N175: 0.0320; M176: 0.0320, P176: 0.0320, N176: 0.0320; M177: 0.0320, P177: 0.0320, N177: 0.0320; M178: 0.0320, P178: 0.0320, N178: 0.0320; M179: 0.0320, P179: 0.0320, N179: 0.0320; M180: 0.0320, P180: 0.0320, N180: 0.0320; M181: 0.0320, P181: 0.0320, N181: 0.0320; M182: 0.0320, P182: 0.0320, N182: 0.0320; M183: 0.0320, P183: 0.0320, N183: 0.0320; M184: 0.0320, P184: 0.0320, N184: 0.0320; M185: 0.0320, P185: 0.0320, N185: 0.0320; M186: 0.0320, P186: 0.0320, N186: 0.0320; M187: 0.0320, P187: 0.0320, N187: 0.0320; M188: 0.0320, P188: 0.0320, N188: 0.0320; M189: 0.0320, P189: 0.0320, N189: 0.0320; M190: 0.0320, P190: 0.0320, N190: 0.0320; M191: 0.0320, P191: 0.0320, N191: 0.0320; M192: 0.0320, P192: 0.0320, N192: 0.0320; M193: 0.0320, P193: 0.0320, N193: 0.0320; M194: 0.0320, P194: 0.0320, N194: 0.0320; M195: 0.0320, P195: 0.0320, N195: 0.0320; M196: 0.0320, P196: 0.0320, N196: 0.0320; M197: 0.0320, P197: 0.0320, N197: 0.0320; M198: 0.0320, P198: 0.0320, N198: 0.0320; M199: 0.0320, P199: 0.0320, N199: 0.0320; M200: 0.0320, P200: 0.0320, N200: 0.0320; M201: 0.0320, P201: 0.0320, N201: 0.0320; M202: 0.0320, P202: 0.0320, N202: 0.0320; M203: 0.0320, P203: 0.0320, N203: 0.0320; M204: 0.0320, P204: 0.0320, N204: 0.0320; M205: 0.0320, P205: 0.0320, N205: 0.0320; M206: 0.0320, P206: 0.0320, N206: 0.0320; M207: 0.0320, P207: 0.0320, N207: 0.0320; M208: 0.0320, P208: 0.0320, N208: 0.0320; M209: 0.0320, P209: 0.0320, N209: 0.0320; M210: 0.0320, P210: 0.0320, N210: 0.0320; M211: 0.0320, P211: 0.0320, N211: 0.0320; M212: 0.0320, P212: 0.0320, N212: 0.0320; M213: 0.0320, P213: 0.0320, N213: 0.0320; M214: 0.0320, P214: 0.0320, N214: 0.0320; M215: 0.0320, P215: 0.0320, N215: 0.0320; M216: 0.0320, P216: 0.0320, N216: 0.0320; M217: 0.0320, P217: 0.0320, N217: 0.0320; M218: 0.0320, P218: 0.0320, N218: 0.0320; M219: 0.0320, P219: 0.0320, N219: 0.0320; M220: 0.0320, P220: 0.0320, N220: 0.0320; M221: 0.0320, P221: 0.0320, N221: 0.0320; M222: 0.0320, P222: 0.0320, N222: 0.0320; M223: 0.0320, P223: 0.0320, N223: 0.0320; M224: 0.0320, P224: 0.0320, N224: 0.0320; M225: 0.0320, P225: 0.0320, N225: 0.0320; M226: 0.0320, P226: 0.0320, N226: 0.0320; M227: 0.0320, P227: 0.0320, N227: 0.0320; M228: 0.0320, P228: 0.0320, N228: 0.0320; M229: 0.0320, P229: 0.0320, N229: 0.0320; M230: 0.0320, P230: 0.0320, N230: 0.0320; M231: 0.0320, P231: 0.0320, N231: 0.0320; M232: 0.0320, P232: 0.0320, N232: 0.0320; M233: 0.0320, P233: 0.0320, N233: 0.0320; M234: 0.0320, P234: 0.0320, N234: 0.0320; M235: 0.0320, P235: 0.0320, N235: 0.0320; M236: 0.0320, P236: 0.0320, N236: 0.0320; M237: 0.0320, P237: 0.0320, N237: 0.0320; M238: 0.0320, P238: 0.0320, N238: 0.0320; M239: 0.0320, P239: 0.0320, N239: 0.0320; M240: 0.0320, P240: 0.0320, N240: 0.0320; M241: 0.0320, P241: 0.0320, N241: 0.0320; M242: 0.0320, P242: 0.0320, N242: 0.0320; M243: 0.0320, P243: 0.0320, N243: 0.0320; M244: 0.0320, P244: 0.0320, N244: 0.0320; M245: 0.0320, P245: 0.0320, N245: 0.0320; M246: 0.0320, P246: 0.0320, N246: 0.0320; M247: 0.0320, P247: 0.0320, N247: 0.0320; M248: 0.0320, P248: 0.0320, N248: 0.0320; M249: 0.0320, P249: 0.0320, N249: 0.0320; M250: 0.0320, P250: 0.0320, N250: 0.0320; M251: 0.0320, P251: 0.0320, N251: 0.0320; M252: 0.0320, P252: 0.0320, N252: 0.0320; M253

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMBO Kilima Mbogo, KIBO Kilima Mbogo, KIV Kislovodsk, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WATA Walderalim, VLS Valsamta, VLS Valsamta, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISCJB 09 16:27:22.0, NEIC 09 16:27:28.4, etc.

ellipse: s-maj=27.7km s-min=16.4km az=122.0
NEIC 09 16:53:54.8±0.5, 19:50S:168.63E, h10km, mb4.4/2, Error ellipse: s-maj=14.5km s-min=11.3km az=113.0

ISCJB 09 16:53:56.0±0.6, 19:54S:0.07:168.5E:0.1, h33km, mb4.2/14, Error ellipse: s-maj=17.4km s-min=8.4km az=25.8

ISC 09 16:53:58.4±0.7, 19:57S:0.10:168.6E:0.1, h35km, n22, s1507/22, mb4.1/15, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DZM, DZM, DZM, etc. with their respective coordinates and data.

IDC 09 16:56:13.1±0.6, 19:40S:168.46E, h0km, mb4.5/24, mb1 4.6/26, mb1mx4.4/47, mbtmp4.5/26, ML4.5/2, MS4.9/1, MS1 4.9/1, ms1mx3.5/45, Error ellipse: s-maj=18.0km s-min=13.8km az=131.0

NEIC 09 16:56:14.2±0.4, 19:44S:168.55E, h10km, mb4.9/5, Error ellipse: s-maj=11.8km s-min=9.4km az=143.0
ISCJB 09 16:56:16.9±0.5, 19:35S:0.05:168.39E:0.08, h33km, mb4.5/26, MS4.8/4, Error ellipse: s-maj=11.4km s-min=6.7km az=24.0

ISC 09 16:56:18.3±0.5, 19:41S:0.08:168.46E:0.10, h35km, n97, s096/90, mb4.5/26, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DZM, DZM, DZM, etc. with their respective coordinates and data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SONM, YBH, NVAR, ILAR, DLBC, YKA, etc. with their respective coordinates and data.

IDC 09 16:58:01.3±0.4, 19:30S:168.31E, h0km, mb4.8/33, mb1 4.8/36, mb1mx4.8/47, mbtmp4.8/36, ML4.5/3, MS4.8/14, MS1 4.8/14, ms1mx4.4/47, Error ellipse: s-maj=15.3km s-min=11.9km az=135.0

BJJ 09 16:58:03.1, 19:08S:168.38E, h14km, mb5.0/49, MB5.5/36, MS5.3/19, MS7.5/0/19
NEIC 09 16:58:05.0±0.6, 19:16S:168.24E, h18km, 3km, mb5.2/70, Error ellipse: s-maj=5.5km s-min=4.8km az=141.0

MOS 09 16:58:04.3±1.2, 19:26S:168.18E, h23km, mb5.2/43, MS4.5/5, Error ellipse: s-maj=10.1km s-min=9.1km az=111.6

GCMT 09 16:58:05.0±0.2, 19:30S:168.13E, h12km, MW5.3/90, Moment Tensor Solution, t590, c146, s86, c140; Duration: 161 Moment tensor: Scale: 10^17Nm; Mw=0.98; 02: Mw=0.59; 02: Mw=0.38; 02: Mw=0.54; 04; Mw=0.68; 02; Mw=0.14; 05; Best double couple: 1.222000e+17 NP1: 117.000000, 659.000000, -1.106.000000, NP2: 326.000000, 834.000000, -1.66.000000. Principal axes: T 1.2930, Plg13.000000, Azm219.000000; N -0.1420, Plg13.000000; Azm126.000000; P -1.1510, Plg71.000000, Azm350.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISCJB 09 16:58:06.1±0.1, 19:24S:0.03:168.15E:0.03, h33km, mb5.0/12, MS4.9/18, Error ellipse: s-maj=5.5km s-min=3.9km az=140.0

ISC 09 16:58:07.2±0.3, 19:35S:0.05:168.29E:0.06, h35km, n364, s1529/345, mb5.2/10, MS4.9/16, 17C-3D, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DZM, DZM, DZM, etc. with their respective coordinates and data.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CMSA, OXF, FOZ, etc. with their respective coordinates and data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CLL Collim, NKCC Novy Kostel, SKO Skopje, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SNZO South Karori, STKA Stephens Creek, WRAB Tennant Creek, etc.

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

ISC 09 17:03:53.9.1.4, 19.365:168.34E, h0km, mb4.1/8, mb1 4.2/9, mb1mx3.9/50, mbtmp4.1/9, ML3.5/1, Error ellipse: s-maj=31.4km s-min=27.3km az=132.0

NEIC 09 17:03:55.1.0.9, 19.325:168.21E, h10km, mb4.1/1, Error ellipse: s-maj=19.1km s-min=14.5km az=79.0

ISCJB 09 17:03:56.9.1.0, 19.355:0.08:168.2E:0.1, h33km, mb4.0/7, Error ellipse: s-maj=19.3km s-min=10.7km az=14.7

ISC 09 17:03:59.2.1.2, 19.345:0.09:168.1E:0.2, h35km, n14, +1845/13, mb3.8/7, 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, HNR Honiara, URZ Urewera, etc.

ISC 09 17:08:38.2.0.2, 29N:127.67E, h0km, mb3.4/4, mb1 3.0/4, mb1mx3.3/55, mbtmp3.4/4, Error ellipse: s-maj=17.2km s-min=12.2km az=67.0, Northern Molucca Sea

MEX 09 17:16:03.7.0.4, 14.11N:91.39W, h63km, 52km, MD3.8, Guatemala

ISC 09 17:19:40.4, 40.31N:127.67E, h5km, MD2.4

ISCJB 09 17:19:41.1.0.6, 40.35N:104.27E, h12km, 4km, Error ellipse: s-maj=7.7km s-min=5.5km az=35.9

CSEM 09 17:19:41.2.0.2, 40.33N:127.67E, h10km, MD2.4, Error ellipse: s-maj=4.7km s-min=2.9km az=30.0

DDA 09 17:19:41.2, 40.36N:127.72E, h7km, MD2.7

ISC 09 17:19:41.2, 40.36N:104.27E, h14km, 7km, n17, +042/26, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EDC Edincik, RKY Sarkoy-Tekirda, etc.

ISC 09 17:21:49.2.0.3, 19.245:168.26E, h0km, mb5.0/28, mb1 5.0/31, mb1mx5.0/35, mbtmp5.0/31, ML4.6/3, MS5.9/28, Ms1 5.9/28, ms1mx5.7/36, Error ellipse: s-maj=13.6km s-min=11.8km az=88.0

BUI 09 17:21:49.2, 19.185:168.75E, h17km, mb5.3/67, mb6.2/76, Ms6.1/92, Ms7.5/82

NEIC 09 17:21:51.0.0.1, 19.205:168.16E, h18km, mb5.7/125, Mb2.3, Ms6.1/164, MW6.1, MW6.1, Error ellipse: s-maj=8.2km s-min=5.3km az=122.0

Broadband fault plane solution: P waves, NP1: 24.00000, 862.00000, -1.23.00000, NP2: 125.00000, 870.00000,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, CAN Canberra, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like RPZ, CRLZ, MOZ, COEN, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KLRB, NWA0, NWA0, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like QZH, YUK, MYKOM, etc.

PMR	comp=Z,11um,22.0s	87.56	19	eP	P	17 34 39.4	+0.8
PMR	Palmer	87.56	19	eP	P	17 34 37.5	-1.2
PMR	comp=Z,132nm,2.5s				LR		
WDC	comp=Z,7um,19.0s	87.63	45	eP	P	17 34 39.9	+0.4
WDC	Whiskeytown Da	87.63	45	eP	P	17 34 36.6	-2.9
WDC	Whiskeytown Da				LR		
WDC	comp=Z,19um,21.0s				LR		
L02D	Cave Junction,	87.67	44	P	P	17 34 42.4	+2.7
PPLA	baz=241				LR		
PPLA	Purkeypille	87.69	17	PFAKE	LR	17 34 50.0	+11
N02D	Trinity Center	87.71	45	P	P	17 34 40.5	+0.5
FID	baz=242,SNR=20				LR		
FID	Port Fidalgo	87.76	20	PFAKE	LR	17 34 50.0	+10
OHCM	comp=Z,9um,22.0s				LR		
M02C	Honcut	87.78	47	eP	P	17 34 40.3	+0.1
ARVC	Callahan	87.80	45	P	P	17 34 40.6	+0.2
ARVC	baz=242,SNR=14				LR		
ARVC	Arvin	87.81	52	P	P	17 34 41.0	+0.4
EYAK	comp=Z,245				LR		
EYAK	Cordova Ski Ar	87.86	21	eP	P	17 34 41.9	+1.9
ORV	comp=Z,7um,22.0s				LR		
ORV	Oroville	87.86	47	P	P	17 34 40.2	-0.4
ORV	Oroville	87.86	47	eP	P	17 34 40.3	-0.4
ORV	comp=Z,239nm,2.3s				LR		
PASC	comp=Z,8um,21.0s				LR		
PASC	Pasadena Art C	87.89	53	PFAKE	LR	17 34 50.0	+9.1
YES	comp=Z,10um,21.0s				LR		
YES	Vestal, Richgr	87.93	51	P	P	17 34 41.2	+0.1
AFDM	Forest Hills D	87.95	47	eP	P	17 34 41.1	-0.1
AFDM	comp=Z,154nm,2.1s				LR		
SML	comp=Z,7um,19.0s				LR		
SML	Sawmill	87.97	19	eP	P	17 34 44.9	+4.2
SML	Sawmill	87.97	19	eP	P	17 34 39.7	-1.0
SML	comp=Z,22nm,1.2s				LR		
O03D	comp=Z,6um,20.0s				LR		
O03D	Paynes Creek	88.00	46	P	P	17 34 42.0	+0.6
YBH	Yreka Blue Hor	88.06	44	eP	P	17 34 42.2	+0.5
YBH	Yreka Blue Hor	88.06	44	eP	P	17 34 39.8	-1.9
YBH	comp=Z,181nm,2.2s				LR		
RAGM	comp=Z,16um,22.0s				LR		
RAGM	Ragged Mountai	88.10	21	PFAKE	LR	17 34 50.0	+8.7
CAST	comp=Z,8um,20.0s				LR		
CAST	Castle Rocks	88.14	17	eP	P	17 34 38.9	-2.5
CAST	comp=Z,22nm,1.0s				LR		
109C	comp=Z,10um,21.0s				LR		
109C	Camp Elliot, M	88.18	54	P	P	17 34 43.0	+0.7
DIV	Divide	88.28	20	PFAKE	LR	17 34 50.0	+7.8
SCM	comp=Z,9um,21.0s				LR		
SCM	Sheep Creek Mo	88.30	19	eP	P	17 34 40.8	-1.5
SCM	Sheep Creek Mo	88.30	19	eP	P	17 34 40.8	-1.5
SCM	comp=Z,47nm,1.6s				LR		
ISA	comp=Z,6um,21.0s				LR		
ISA	Isabella, Lake	88.31	51	P	P	17 34 43.3	+0.3
HUMO	comp=Z,245				LR		
HUMO	Hull Mountain	88.31	44	eP	P	17 34 42.7	0.0
HUMO	comp=Z,93nm,1.6s				LR		
BFSC	comp=Z,18um,22.0s				LR		
BFSC	Mount Baldy Ra	88.31	53	P	P	17 34 43.3	+0.2
EDW2	Edwards Air Fo	88.33	52	P	P	17 34 43.1	0.0
DPP	Dos Picos Cty	88.35	54	eP	P	17 34 44.2	+1.1
MURC	Murrieta	88.40	54	P	P	17 34 43.4	0.0
KLU	Klutina	88.50	20	eP	P	17 34 45.3	+2.1
KLU	comp=Z,16nm,1.2s				LR		
BMRM	comp=Z,8um,22.0s				LR		
BMRM	Bremner River	88.55	21	PFAKE	LR	17 34 50.0	+6.5
KTH	comp=Z,6um,22.0s				LR		
KTH	Kantishna Hill	88.56	17	eP	P	17 34 41.4	-2.2
KTH	comp=Z,15nm,0.9s				LR		
I03D	comp=Z,12um,21.0s				LR		
I03D	Drain, OR	88.58	42	P	P	17 34 42.6	-1.3
NVL	N'lzarevskaya	88.61	188	eP	P	17 34 43.3	-0.4
NVL	NVL			eS	SKSac	17 45 11.0	+0.5
NVL	comp=Z,29nm,0.8s				MLR		
M04C	comp=Z,7um,15.0s				LR		
M04C	Macdoel	88.66	45	P	P	17 34 44.6	+0.1
TRF	Thorofare Moun	88.66	17	eP	P	17 34 41.0	-3.0
TRF	comp=Z,14nm,0.9s				LR		
MONP2	comp=Z,11um,21.0s				LR		
MONP2	Monument Peak	88.70	55	P	P	17 34 45.1	0.0
LSA	Lhasa	88.78	302	P	P	17 34 45.9	+0.1
LSA	Lhasa	88.78	302	eP	P	17 34 43.7	-2.1
LRMC	comp=Z,24nm,1.6s				LR		
LRMC	Laurel Mtn Rad	88.81	52	P	P	17 34 45.7	+0.3
CWC	comp=Z,245				LR		
CWC	Cottonwood Cre	88.82	51	P	P	17 34 45.8	-0.1
PFO	Pinyon Flats O	88.97	54	eP	P	17 34 47.0	+0.8
PFO	Pinyon Flats O	88.97	54	eP	P	17 34 45.9	-0.3
PFO	comp=Z,76nm,1.3s,SNR=5.3				LR		
PFO	Pinyon Flats O	88.97	54	eP	P	17 34 46.0	-0.2
PFO	comp=Z,245				LR		
PFO	Pinyon Flats O	88.97	54	eP	P	17 34 43.5	-2.6
PFO	comp=Z,26nm,1.3s				LR		
BPAW	comp=Z,11um,21.0s				LR		
BPAW	Bear Paw Mtn.	88.98	17	eP	P	17 34 41.1	-4.3
BPAW	comp=Z,127nm,3.0s				LR		
SNA	comp=Z,8um,20.0s				LR		
SNA	Sanae	88.99	183	P	P	17 34 42.7	-3.0
SNA	Sanae	88.99	183	d/P	P	17 34 42.8	-2.8
BOD	comp=Z,12nm,1.0s				LR		
BOD	Bodaibo	89.03	334	eP	P	17 34 44.9	-0.8
COR	comp=Z,27nm,1.8s				LR		
COR	Corvallis	89.03	42	PFAKE	LR	17 35 00.0	+14
RND	comp=Z,10um,22.0s				LR		
RND	Reindeer	89.04	18	eP	P	17 34 44.0	-1.7
RND	Reindeer	89.04	18	eP	P	17 34 44.0	-1.7
RND	comp=Z,43nm,1.5s				LR		
K04D	comp=Z,12um,22.0s				LR		
K04D	Chiloquin, OR	89.10	44	P	P	17 34 47.5	+0.9
J04D	comp=Z,245				LR		
J04D	Umpqua Nationa	89.16	43	P	P	17 34 47.8	+0.8
MPMC	Manual Prospec	89.20	51	P	P	17 34 48.1	+0.8
SWSC	comp=Z,245				LR		
SWSC	Sam W. Stewart	89.20	55	P	P	17 34 47.4	+0.3
DAC	comp=Z,246				LR		
DAC	Darwin (Calif)	89.21	51	eP	P	17 34 47.7	+0.3
DAC	Darwin (Calif)	89.21	51	eP	P	17 34 45.3	-2.1
DAC	comp=Z,94nm,1.8s				LR		
DAC	comp=Z,11um,22.0s				LR		
DAC	Tendick Farm,	89.22	43	P	P	17 34 47.6	+0.6
DAC	comp=Z,242				LR		
I04Y	Denali Highway	89.22	19	eP	P	17 34 48.8	+2.1
DHY	comp=Z,20nm,1.4s				LR		
DHY	comp=Z,6um,20.0s				LR		

MCK	McKinley	89.26	18	eP	P	17 34 47.2	+0.5
MCK	McKinley	89.26	18	eP	P	17 34 43.2	-3.5
YKU2	Yakutat	89.31	24	PFAKE	LR	17 35 00.0	+13
YKU2	comp=Z,7um,20.0s				LR		
G03D	McMinnville, O	89.35	41	P	P	17 34 48.4	+0.9
GSC	comp=Z,245				LR		
GSC	Goldstone, Bar	89.39	52	P	P	17 34 48.0	-0.1
HARP	HARP	89.41	20	PFAKE	LR	17 35 00.0	+13
HARP	comp=Z,3um,20.0s				LR		
BELC	Belle Mtn. Jos	89.47	54	P	P	17 34 48.7	+0.1
PCA	comp=Z,245				LR		
PCA	Pinnacle	89.48	23	PFAKE	LR	17 35 00.0	+12
CRAJ	comp=Z,9um,18.0s				LR		
CRAJ	Craig	89.50	29	PFAKE	LR	17 35 00.0	+12
HEK	comp=Z,11um,19.0s				LR		
HEK	Hector,Ludlow	89.56	53	P	P	17 34 49.1	+0.2
DHAK	Deception Hill	89.59	25	PFAKE	LR	17 35 00.0	+12
NVAR	comp=Z,8um,22.0s				LR		
NVAR	Mina Array Bea	89.61	49	P	P	17 34 49.4	+0.2
NVAR	comp=Z,13nm,0.9s,baz=232,slow=7.7,SNR=34				LR		
NVAR	comp=Z,16um,21.9s,baz=260,slow=30				LR		
NVAR	Mina Array Sit	89.61	49	eP	P	17 34 47.8	-1.4
VNA3	Neumayer Olymp	89.62	181	P	P	17 34 48.8	+0.1
GRAC	Grapevine Rang	89.68	50	P	P	17 34 50.0	+0.7
NV11	Mina Array Sit	89.71	49	PFAKE	LR	17 35 00.0	+10
NV11	comp=Z,14um,22.0s				LR		
K05A	Summer Lake	89.71	44	eP	P	17 34 50.1	+0.6
K05A	comp=Z,334nm,2.2s				LR		
K05A	comp=Z,16um,21.0s				LR		
PAX	Paxson	89.73	19	PFAKE	LR	17 35 00.0	+11
PAX	comp=Z,6um,21.0s				LR		
MOD	Modoc Plateau	89.74	45	eP	P	17 34 47.6	-2.0
MOD	comp=Z,40nm,1.1s				LR		
MOD	comp=Z,14um,21.0s				LR		
J05D	Fort Rock, OR	89.74	44	P	P	17 34 50.4	+0.7
BC3	Big Chucokawall	89.75	54	P	P	17 34 50.1	+0.3
H04A	Detroit Lake	89.78	42	eP	P	17 34 49.5	-0.1
H04A	comp=Z,71nm,1.1s				LR		
MLY	comp=Z,10um,22.0s				LR		
MLY	Manle	89.78	16	eP	P	17 34 48.6	-0.5
MLY	comp=Z,22nm,1.6s				LR		
E03A	comp=Z,8um,21.0s				LR		
E03A	Leban	89.81	40	eP	P	17 34 50.8	+1.2
E03A	comp=Z,82						

2011 JAN

Table with columns: Call Sign, Station Name, Frequency, Mode, and other details. Includes stations like ULC, JAN, BUM, DSL, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other details. Includes stations like PSMA, PSMM, PCAS, PCBR, etc.

Table with columns: Call Sign, Station Name, Frequency, Mode, and other details. Includes stations like TEKS, Tekeris, BEY, Berane, etc.

Table with columns: Station, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Port Moresby, Mount Surprise, South Karori, etc.

Table with columns: Station, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Wnju Array Be Incheon, Qiongzhou, Nanjing, etc.

Table with columns: Station, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Old Harbor, Seymchan, Kodiak Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PAGZ Pagadian, DCPH Dipolog City, LLP Lapu-Lapu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like mb5.0/67, MS4.7/16, Error ellipse: s-maj=5.5km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SANI Sanana, SANI Sanana, KLBRR Kellerebin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CRIN San Cristobal, CRIN San Cristobal, TEL3 Telica 3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BKZ Black Stump Fm, CTA Charters Tower, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSRK Korea Array, KSRK Korea Array, KSAR Wonju Array Be, etc.

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

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

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

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

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

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

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

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

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

9d 20h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LZH, IMP ULN, TNA, YAK, etc.

2021 JAN

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WUAZ, DUG, HLID, 121A, etc.

466

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FETA, BFO, WLS, ECHO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PVY, CEME, HCY, NKME, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BIPH, BUTP, SCPH, MATI, MUSAN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GTA, LSA, TAPN, ODAN, RAMN, etc.

ISCJB 09:20:20:26.6,0.6,39.999N,0.03:32.97E,0.03,h6km,6km, Error ellipse: s-maj=4.8km s-min=4.4km az=171.3

CSEM 09:20:20:26.6,0.2,39.99:32.95E,h10km,MD2.6, Error ellipse: s-maj=3.5km s-min=3.4km az=130.0

DDA 09:20:20:26.6,39.99N,33.00E,h7km,MD2.6 ISK 09:20:20:26.6,39.99N,32.98E,h9km,MD2.6

ISC 09:20:20:26.6,0.9,39.999N,0.03:32.97E,0.02,h11km,7km,n22,0.47/38,Turkey

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

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

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

IDC 09:20:37:25.4,0.5,8.86N,127.12E,h0km,mb4.5/22, mb1.4,5/23,mb1mx3,3/56,mbtmp4,4/23,ML3.6/1,MS3.7/3,

MAN 09:20:37:26.9,0.2N,127.41E,h29km,mb5.2,ML4.1,MS4.3 MOS 09:20:37:29.7,0.9,8.81N,126.99E,h43km,mb4.8/36, Error ellipse: s-maj=19.8km s-min=7.0km az=116.4

BUI 09:20:37:30.0,8.67N,127.16E,h65km,mb4.6/36,mb5.1/26, Ms4.7/18,Ms7.4/17

ISCJB 09:20:37:30.1,0.7,8.99N,0.03:127.22E,0.04,h45km,5km, mb4.6/68,MS4.0/4, Error ellipse: s-maj=7.0km s-min=4.1km az=155.4

NEIC 09:20:37:31.4,1.5,8.90N,127.13E,h46km,14km,mb4.8/20, Error ellipse: s-maj=14.7km s-min=7.3km az=70.4

DJA 09:20:37:37.3,1.0,9.17N,127.72E,h88km,9km,ML4.9/15, mb4.6/15,mb5.5/3,MLV5.0/2,Mw(mB)5.0/3

ISC 09:20:37:31.9,0.8,8.96N,0.04:127.23E,0.06,h48km,7km,n150,0.19/70,mb4.7/69,MS4.0/4,6C-5D,Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR, ASO1, LZH, etc.

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

Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res

Code Station Name Az Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFRS Afar-Bala, BBAL Bala, BBAL Bala, etc.

IDD 09 21:20:38.0, 7.28, 92N, 143.36E, h0km, mb4.0/11, mb1 4.1/13, mb1mx3.9/42, mbtmp3.9/13, ML3.5/3, MS2.9/2, Ms1 2.9/2, ms1mx2.4/56.6, Error ellipse: s-maj=22.2km s-min=16.8km az=100.0

NEIC 09 21:20:39.7, 0.5, 28.93N, 143.28E, h10km, mb4.3/2, Error ellipse: s-maj=12.5km s-min=9.4km az=84.0

ISCJB 09 21:20:41.0, 0.5, 29.05N, 0.03, 143.01E, 1.0, h33km, mb4.0/13, Error ellipse: s-maj=12.4km s-min=4.0km az=178.1

JMA 09 21:20:42.0, 4.0, 2.8, 98N, 142.53E, h40km, M4.1

ISC 09 21:20:43.0, 0.7, 29.02N, 0.05, 143.0E, 0.1, h35km, n41, z=207/45, mb4.1/13, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, BSO1 Boso 1, BSO2 Boso 2, etc.

WEL 09 21:21:33.1, 0.4, 38.15S, 175.89E, h178km, 4km, ML3.5/13, 6C-10, Error ellipse: s-maj=3.8km s-min=3.7km az=90.0, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station URZ Urewera.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, NGZ Ngarurhoo, BKZ Black Stump Fm, etc.

GUC 09 21:26:04.0, 4.0, 5.3, 87S, 72.52W, h32km, 3km, ML3.6, Near coast of central Chatham

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHPI Pichilemu, LOS Los Niches, NICh NICH, etc.

comp=E, 3um, 0.4s LNV Longovilo 1.30 45 i P Pn 21 26 26.7 +0.4

CHCH Chadass Angostu 1.81 59 p S Pn 21 26 43.5 -0.9

CLCH Cerro Calan 2.21 49 i S Pn 21 26 41.2 +2.3

PEL Peldehue 2.30 42 i P Pn 21 26 42.3 +2.1

DDA 09 21:27:30.6, 39.16N, 26.46E, h7km, M2.6

ISC 09 21:27:31.7, 0.5, 39.16N, 0.03, 26.55E, 0.07, h20km, 2.6km, Error ellipse: s-maj=8.7km s-min=4.4km az=176.4

CSEM 09 21:27:31.3, 0.3, 39.14N, 26.55E, h15km, M2.6, Error ellipse: s-maj=10.6km s-min=7.0km az=79.0

ISC 09 21:27:31.3, 39.15N, 26.54E, h8km, M2.7

ISC 09 21:27:30.8, 1.0, 39.16N, 0.03, 26.47E, 0.04, h15km, 8km, n26, z=956/36, Turkey

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

NIED 09 21:31:00, 31.80N, 129.20E, h8km, Mw3.8 Best double couple: Ms=6.70000*10^14 NP1=283.00000, s53.00000, lambda=8.00000, NP2=228.00000, s64.00000, lambda=143.00000

JMA 09 21:32:0.3, 0.1, 31.79N, 129.20E, h11km, 2km, M3.8, Kyushu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JSJ Shimokoshiki, JSJ Fugas jima 2, JSJ Fugas jima 1, etc.

ISC 09 21:42:01.9, 3.1, 33.64S, 178.58W, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.7/32, mbtmp3.7/3, ML3.4/1, Error ellipse: s-maj=74.0km s-min=36.6km az=119.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station URZ Urewera.

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

ISK 09 21:50:46.5, 38.98N, 26.44E, h10km, M3.1

CSEM 09 21:50:46.9, 0.1, 38.96N, 26.44E, h10km, ML2.1, Error ellipse: s-maj=21km s-min=15km az=51.0

ATH 09 21:50:46.0, 38.95N, 26.41E, h19km, M3.0/5

ISCJB 09 21:50:46.0, 0.4, 38.96N, 0.02, 26.43E, 0.03, h8km, 3km, Error ellipse: s-maj=3.9km s-min=2.6km az=155.2

DDA 09 21:50:46.6, 38.97N, 26.47E, h25km, M3.0

THE 09 21:50:47.1, 38.97N, 26.42E, h4km, 1km, ML2.1/6, Error ellipse: s-maj=2.2km s-min=0.9km az=255.0

ISC 09 21:50:46.9, 0.9, 38.97N, 0.02, 26.44E, 0.02, h10km, 8km, n73, z=45/109, Aegean Sea

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

comp=E, 483nm, 0.4s IZM Izmir 0.62 168 i S Pn 21 51 07.6 +0.3

BOZC Bozcaada 0.92 341 i S Pn 21 51 07.6 +0.5

DGB Zmir 0.98 159 i P Pn 21 51 05.2 -0.6

AKS Akhisar 1.08 95 e P Pn 21 51 07.6 -0.1

AKS Akhisar 1.08 95 e P Pn 21 51 07.6 -0.1

BALY Balya 1.20 50 i P Pn 21 51 09.1 -0.6

BALY Balya 1.20 50 i P Pn 21 51 09.1 -0.6

BALY Balya 1.20 50 i P Pn 21 51 09.1 -0.6

SMG Samos 1.30 166 e P Pn 21 51 10.2 -0.9

SMG Samos 1.30 166 e P Pn 21 51 10.2 -0.9

SMG Samos 1.30 166 e P Pn 21 51 10.2 -0.9

SMG Samos 1.30 166 e P Pn 21 51 10.2 -0.9

LIA Limnos Island 1.34 314 i S Pn 21 51 11.7 +0.1

LIA Limnos Island 1.34 314 i S Pn 21 51 11.7 +0.1

LIA Limnos Island 1.34 314 i S Pn 21 51 11.7 +0.1

LIA Limnos Island 1.34 314 i S Pn 21 51 11.7 +0.1

LIA Limnos Island 1.34 314 i S Pn 21 51 11.7 +0.1

LIA Limnos Island 1.34 314 i S Pn 21 51 11.7 +0.1

LIA Limnos Island 1.34 314 i S Pn 21 51 11.7 +0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GONE Gonen-Balikesi, GONE Gonen-Balikesi, GONE Gonen-Balikesi, etc.

2011 JAN

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RSNC 09 22:03:58.4,0.6,3,62N-74.15W, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISK 09 22:16:08.5,39.98N-33.10E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MEX 09 22:35:28.5,0.4,14,27N-92.60W, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 09 22:43:33.8,2.4,19,25S-168.29E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 09 23:00:13.2,1.2,20,44N-121.21E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HATJ Hateruma jima, HATJ Iriomote-Funau, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISJCJB 09 23:05:52.9,0.8,5,98S;0.06x147.3E, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TIR 09 23:07:35.6,40.61N-20.13E, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MEX 09 23:08:59.0,0.3,15,38N-96.69W, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MEX 09 23:11:41.6,0.5,14,69N-92.49W, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 09 23:12:54.1,1.0,19,38S-168.48E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 09 23:12:59.6,0.7,19,45S-168.4E, etc.

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.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 09 23:18:28.6,1.1,44,44N-149.66E, etc.

az=146.3
 JMA 09 23:18:39.8,0.6,45.30N-150.22E,h30km,M4.3
 SKHL 09 23:18:41.0,0.3,45.06N-150.22E,h76km,3km,mb4.6/3
 ISC 09 23:18:39.9,1.0,44.94N-0.09,150.33E,0.08,h39km,n41,
 c#185/42,mb3.65,1.1C,East of Kuril Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
KUR	Kuril'sk	1.77 281 <i>e</i>	Op Pn	23 19 06.7	-1.2
KUR	comp=N,25nm,0.1s		pmax		23 19 26.7
KUR	comp=E,35nm,0.1s		pmax		
KUR	comp=Z,121nm,0.1s		pmax		
KUR	Kuril'sk	1.77 281 <i>e</i>	Pn	23 19 06.6	-1.3
KUR	AMB		AMB	23 19 07.7	
KUR	comp=Z,121nm,0.4s		AMB	23 19 07.7	
KUR	comp=Z,71nm,0.4s		AMB	23 19 07.7	
KUR	comp=Z,308nm,0.4s		AMB	23 19 07.7	
KUR	comp=Z,470nm,0.3s		A	23 19 30.2	
SHO	Shikotan	2.73 248 <i>e</i>	Pn	23 19 21.8	+0.7
SHO	comp=N,272nm,0.5s		AMB	23 19 25.5	
SHO	comp=N,77nm,0.5s		iS	23 19 52.6	-0.2
SHO	comp=N,290nm,0.4s		A	23 20 02.1	
YUK	Yuzh-Kuril'sk	3.32 256 <i>e</i>	Pn	23 19 31.0	+1.7
YUK	comp=N,270nm,0.4s		iS	23 20 09.1	+1.6
YUK	comp=N,357nm,0.6s		smax		
YUK	comp=E,164nm,0.3s		smax		
YUK	comp=E,357nm,0.4s		A	23 20 18.9	
YUK	comp=E,164nm,0.4s		A	23 20 18.9	
NEM2	Nemuro 2	3.66 246 <i>e</i>	Pn	23 19 34.5	+0.7
NEM2	comp=N,20.6s,baz=72,slow=4.2		eS	23 20 14.5	-1.2
JNK	Nakash	4.25 253 <i>e</i>	Pn	23 19 43.9	+1.9
JNK	AKKashi	4.51 246 <i>e</i>	Pn	23 19 46.2	+0.7
JTKR	Abashiri-Toko	4.70 260 <i>e</i>	Pn	23 19 50.6	+2.5
JAR	Ashorobuto	5.00 253 <i>e</i>	Pn	23 19 54.8	+2.5
JAR	comp=N,20.1s,baz=72,slow=4.2		eS	23 20 51.1	+2.5
JMP	Maruseppu	5.08 262 <i>e</i>	Pn	23 19 56.3	+2.9
JOB	Onsetu	5.11 249 <i>e</i>	Pn	23 19 55.6	+1.7
JOB	comp=N,20.1s,baz=72,slow=4.2		eS	23 20 52.3	+0.7
HRK	Horoka	5.38 257 <i>e</i>	Pn	23 20 00.5	+2.9
JKK2	Kamakawa 2	5.54 242 <i>e</i>	Pn	23 20 02.1	+2.4
JCH	Churui	5.55 268 <i>e</i>	Pn	23 20 01.1	+1.2
JCH	comp=N,20.1s,baz=72,slow=4.2		eS	23 21 01.1	-1.4
ASAJ	Asahikawa	5.59 264 <i>e</i>	LR	23 22 04.6	
ASAJ	comp=E,59nm,20.6s,baz=72,slow=4.2		eS	23 20 01.6	+0.3
YSS	Yuzh-Sakhalins	5.66 294 <i>e</i>	Pn	23 20 01.6	+0.3
YSS	comp=N,20.1s,baz=72,slow=4.2		eS	23 20 01.6	+0.3
MYR	Moyai	5.76 245 <i>e</i>	Pn	23 20 04.6	+1.9
MYR	comp=N,20.1s,baz=72,slow=4.2		eS	23 21 07.2	-0.3
JNBK	Urakawa-nobuka	6.11 247 <i>e</i>	Pn	23 20 08.1	+0.6
JNBK	comp=N,20.1s,baz=72,slow=4.2		eS	23 21 14.8	-1.3
JB72	Biratori 2	6.15 252 <i>e</i>	Pn	23 20 09.5	+1.4
SKR	Severo-Kuril's	6.94 32 <i>e</i>	Pn	23 20 20.3	+1.4
SKR	comp=Z,9.0nm,0.8s		pmax		
SKR	Severo-Kuril's	6.94 32 <i>e</i>	Pn	23 20 20.3	+1.4
SKR	AMB		AMB	23 20 21.9	
SKR	comp=Z,94nm,0.8s		A	23 20 26.4	+0.8
KJB	Kayabe	7.42 249 <i>e</i>	Pn	23 20 34.8	+3.4
TYV	Tymovskoe	7.86 322 <i>e</i>	Pn	23 20 31.6	+0.2
TYV	comp=N,20.1s,baz=72,slow=4.2		eS	23 22 02.9	+5.4
JIC	Ouri	8.33 229 <i>e</i>	Pn	23 20 55.0	+1.1
PETK	Petropavlovsk	9.50 28 <i>e</i>	Pn	23 20 55.0	+1.1
PETK	comp=Z,0.2nm,0.3s,baz=207,slow=12,SNR=5.0		Pn	23 20 55.0	+1.1
H1N2	WAKE ISLAND Hy 28.65 146		T	23 55 10.2	
H1N1	WAKE ISLAND Hy 28.67 146		T	23 55 18.6	
H1N3	WAKE ISLAND Hy 28.67 146		T	23 55 12.5	
H1S1	WAKE ISLAND Hy 28.68 147		T	23 56 35.3	
H1S3	WAKE ISLAND Hy 28.69 147		T	23 56 38.3	
H1S4	WAKE ISLAND Hy 29.17 147		T	23 56 37.2	
YKA	Yellowknife Ar	55.33 35 <i>e</i>	P	23 27 54.5	-1.6
FINES	FINES Array B	64.83 334 <i>e</i>	P	23 29 09.7	-4.6
WRA	Warramunga Arr	66.19 196 <i>e</i>	P	23 29 13.8	-1.0
GERES	GERES Array B	79.20 332 <i>e</i>	P	23 30 37.5	-3.1
TXAR	Lajitas Array	80.09 58 <i>e</i>	P	23 30 45.2	-0.6

ISC/JB 09 23:23:22.8,0.6,36.92N-0.03:29.35E,0.04,h5km,5km,
 Error ellipse: s-maj=6.0km s-min=4.7km az=147.1
 CSEM 09 23:23:22.9,0.1,36.95N-29.33E,h5km,MD3.0,Error
 ellipse: s-maj=2.8km s-min=2.4km az=178.0
 ISK 09 23:23:22.4,36.99N-29.25E,h16km,MD3.0
 DDA 09 23:23:23.3,1.1,36.93N-0.03:29.35E,0.02,h5km,9km,
 n54,c#92/70,Turkey

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
GLHS	Ghisar (BURDU)	0.25 28 <i>e</i>	Pg	23 23 27.6	-0.7
GLHS	comp=N,20.1s,baz=72,slow=4.2		eS	23 23 29.0	+0.3
GLHS	Ghisar (BURDU)	0.25 28 <i>e</i>	Pg	23 23 27.6	-0.7
GLHS	comp=N,20.1s,baz=72,slow=4.2		eS	23 23 29.0	+0.3
GOLH	Golhisar	0.35 29 <i>e</i>	Pg	23 23 29.5	-0.6
GOLH	comp=N,20.1s,baz=72,slow=4.2		eS	23 23 35.8	+1.0
GOLH	Golhisar	0.35 29 <i>e</i>	Pg	23 23 29.5	-0.6
GOLH	comp=N,20.1s,baz=72,slow=4.2		eS	23 23 35.8	+1.0
FETHY	Fethiye	0.36 216 <i>e</i>	Pg	23 23 29.8	-0.6
FETHY	comp=N,20.1s,baz=72,slow=4.2		eS	23 23 32.9	+0.3
ELL	Elmali	0.48 112 <i>e</i>	Pg	23 23 32.9	+0.3
TURN	Turunc	0.60 265 <i>e</i>	Pn	23 23 38.5	-0.1
TURN	comp=N,20.1s,baz=72,slow=4.2		iS	23 23 51.9	+3.2
TURN	Turunc	0.60 265 <i>e</i>	Pn	23 23 38.5	-0.1
AKAS	Kas	0.73 164 <i>e</i>	Pn	23 23 38.1	-0.5
AKAS	comp=N,20.1s,baz=72,slow=4.2		iS	23 23 51.5	-0.5
AKAS	Kas	0.73 164 <i>e</i>	Pn	23 23 38.1	-0.5
AKAS	comp=N,20.1s,baz=72,slow=4.2		iS	23 23 51.5	-0.5
KORT	Korkuei	0.80 85 <i>e</i>	Pg	23 23 38.0	-0.7
KORT	comp=N,20.1s,baz=72,slow=4.2		iS	23 23 53.8	-0.1
KORT	Korkuei	0.80 85 <i>e</i>	Pg	23 23 38.0	-0.7
KORT	comp=N,20.1s,baz=72,slow=4.2		iS	23 23 53.8	-0.1
DENT	Denizli	0.86 343 <i>e</i>	Pg	23 23 39.7	-0.6
DENT	comp=N,20.1s,baz=72,slow=4.2		eS	23 23 51.5	-0.5
YER	Yerkesik	0.88 284 <i>e</i>	Pg	23 23 39.5	-0.7
YER	comp=N,20.1s,baz=72,slow=4.2		eS	23 23 51.9	+3.2
YER	Yerkesik	0.88 284 <i>e</i>	Pg	23 23 39.5	-0.7
YER	comp=N,20.1s,baz=72,slow=4.2		eS	23 23 51.9	+3.2
ANTB	Antalya	1.04 91 <i>e</i>	Pg	23 23 43.3	-0.1
ANTB	comp=N,20.1s,baz=72,slow=4.2		eS	23 23 51.9	+3.2
ANTB	Antalya	1.04 91 <i>e</i>	Pg	23 23 43.3	-0.1
ANTB	comp=N,20.1s,baz=72,slow=4.2		eS	23 23 51.9	+3.2
UZP	Denizli	1.11 353 <i>e</i>	Pg	23 23 44.0	-0.6
BCK	Bucak	1.12 61 <i>e</i>	Pg	23 23 44.5	-0.4
BCK	comp=N,20.1s,baz=72,slow=4.2		eS	23 23 51.9	+3.2

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
MLSB	Milas	1.31 287 <i>e</i>	Pn	23 23 47.5	-0.9
MLSB	Milas	1.31 287 <i>e</i>	Pn	23 23 47.5	-0.9
AYDN	Tasoluk	1.38 302 <i>e</i>	Pn	23 23 51.1	+1.3
AYDN	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 09.5	+1.4
AYDN	Tasoluk	1.38 302 <i>e</i>	Pn	23 23 51.1	+1.3
KHL	Karahalli	1.40 6 <i>e</i>	Pn	23 23 48.7	-0.9
KHL	Karahalli	1.40 6 <i>e</i>	Pn	23 23 48.7	-0.9
KHAL	Karahalli	1.44 4 <i>e</i>	Pn	23 23 49.7	-0.6
KHAL	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 08.9	-0.6
KHAL	Karahalli	1.44 4 <i>e</i>	Pn	23 23 49.7	-0.6
KHAL	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 08.9	-0.6
BDRM	Kayabasi	1.53 276 <i>e</i>	Pn	23 23 50.6	-0.8
BDRM	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 11.1	-0.6
BDRM	Kayabasi	1.53 276 <i>e</i>	Pn	23 23 50.6	-0.8
BDRM	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 11.1	-0.6
AYDN	Zeytinokoy-Aydi	1.54 312 <i>e</i>	Pn	23 24 11.1	-0.6
AYDN	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 08.9	-0.9
AYDN	Zeytinokoy-Aydi	1.54 312 <i>e</i>	Pn	23 24 11.1	-0.6
AYDN	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 08.9	-0.9
BAGO	Egridir - ISPA	1.56 47 <i>e</i>	Pn	23 23 53.1	-0.2
BAGO	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 16.9	+3.5
BODT	Bodrum	1.64 275 <i>e</i>	Pn	23 23 52.5	-0.4
BODT	comp=N,20.1s,baz=72,slow=4.2		iS	23 23 52.5	-0.4
BODT	Bodrum	1.64 275 <i>e</i>	Pn	23 23 52.5	-0.4
BODT	comp=N,20.1s,baz=72,slow=4.2		iS	23 23 52.5	-0.4
KULA	Kula-Manisa	1.67 341 <i>e</i>	Pn	23 23 52.6	-0.8
KULA	Kula-Manisa	1.67 341 <i>e</i>	Pn	23 23 52.6	-0.8
MANT	Manisa	1.68 338 <i>e</i>	Pn	23 23 52.2	-1.4
MANT	comp=N,20.1s,baz=72,slow=4.2		iS	23 23 52.2	-1.4
SHANT	Manisa	1.68 338 <i>e</i>	Pn	23 23 52.2	-1.4
SHANT	comp=N,20.1s,baz=72,slow=4.2		iS	23 23 52.2	-1.4
SHUT	Suhut-Afyon	1.88 30 <i>e</i>	Pn	23 23 56.2	+0.1
SHUT	comp=N,20.1s,baz=72,slow=4.2		iS	23 23 56.2	+0.1
SHUT	Suhut-Afyon	1.88 30 <i>e</i>	Pn	23 23 56.2	+0.1
SHUT	comp=N,20.1s,baz=72,slow=4.2		iS	23 23 56.2	+0.1
DEMI	Demirci	2.17 347 <i>e</i>	Pn	23 23 59.2	-1.0
DEMI	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 00.5	-0.3
DEMI	Demirci	2.17 347 <i>e</i>	Pn	23 23 59.2	-1.0
DEMI	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 00.5	-0.3
IZM	Izmir	2.21 312 <i>e</i>	Pn	23 24 00.5	-0.3
IZM	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 00.5	-0.3
IZM	Izmir	2.21 312 <i>e</i>	Pn	23 24 00.5	-0.3
IZM	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 00.5	-0.3
TVSB	Tavsanli	2.52 2 <i>e</i>	Pn	23 24 05.0	-0.1
TVSB	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 05.0	-0.1
TVSB	Tavsanli	2.52 2 <i>e</i>	Pn	23 24 05.0	-0.1
TVSB	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 05.0	-0.1
KONT	Konya-Tatoy	2.60 66 <i>e</i>	Pn	23 24 06.5	+0.4
KONT	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 06.5	+0.4
KONT	Konya-Tatoy	2.60 66 <i>e</i>	Pn	23 24 06.5	+0.4
KONT	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 06.5	+0.4
KIZT	Kizilcal	2.79 45 <i>e</i>	Pn	23 24 08.8	0.0
KIZT	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 08.8	0.0
KIZT	Kizilcal	2.79 45 <i>e</i>	Pn	23 24 08.8	0.0
KIZT	comp=N,20.1s,baz=72,slow=4.2		iS	23 24 08.8	0.0

ISC 09 23:26:55.7,1.3,35.03S-179.77W,h0km,mb4.5/2,
 mb1.4/73,mb1mx4.0/33,mbtmtp4.4/3,ML3.9/1,MS3.7/1,
 Ms1.3/7.1,ms1

10d Oh

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

CSEM 10 00:29:13.8, 67.84N:20.18E, h0km, ML0.8, Mining explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KUA, SALU, MASU.

NAO 10 00:29:14.6, 2.4, 67.85N:20.35E, ML1.8

ISCJB 10 00:29:14.7, 0.6, 67.81N:0.02:20.4E:0.1, h0km, Error ellipse: s-maj=6.0km s-min=3.5km az=171.6

UPP 10 00:29:15.8, 67.83N:20.20E, h0km, ML1.0, Mining explosion.

CSEM 10 00:29:15.4, 0.3, 67.83N:20.32E, h2km, ML1.0, Error ellipse: s-maj=7.4km s-min=5.7km az=93.0, Mining explosion.

HEL 10 00:29:16.2, 0.2, 67.85N:20.32E, h0km, ML1.7, ML1.0(UPP) Explosion.

BER 10 00:29:17.0, 3.0, 67.85N:20.20E, h0km, ML1.9, ML1.8(NAO), Suspended explosion.

ISC 10 00:29:16.2, 0.8, 67.86N:0.02:20.31E:0.03, h0km, n37, c126/50, Sweden

Main table for 10d Oh section with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KUA, LANU, DUNDRE, MASU, etc.

UPP 10 00:29:34.1, 0.4, 67.83N:20.40E, h0km, ML1.5, Explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KUA, ERTU, KALU.

ISCJB 10 00:32:20.7, 0.5, 39.05N:0.04:40.76E:0.04, h11km, 4km, Error ellipse: s-maj=6.8km s-min=4.9km az=174.8

CSEM 10 00:32:20.0, 0.3, 39.04N:40.73E, h8km, MD2.6, Error ellipse: s-maj=9.3km s-min=6.4km az=153.0

DDA 10 00:32:20.6, 39.05N:40.72E, h7km, MD2.6

ISK 10 00:32:20.4, 0.4, 39.02N:40.78E, h10km, MD2.8

ISC 10 00:32:20.4, 0.8, 39.02N:0.04:40.75E:0.03, h12km, 5km, n21, c111/30, Turkey

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

2011 JAN

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

ISC 10 00:34:38.0, 3.1, 33.73S:178.43W, h0km, mb3.5/2, mb1.3, 8/3, mb1mx3.6/32, mbtmp3.6/3, ML3.4/1, Error ellipse: s-maj=76.9km s-min=36.7km az=121.0, South of Kermadec Islands

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

ISCJB 10 00:37:23.4, 0.4, 24.38N:0.02:121.90E:0.02, h3km, 3km, Error ellipse: s-maj=3.2km s-min=2.3km az=142.4

JMA 10 00:37:23.3, 0.1, 24.38N:121.84E, h0km, M3.5

TAP 10 00:37:24.0, 2.4, 40.0N:121.83E, h136km, ML3.7, B

ISC 10 00:37:23.8, 0.9, 24.39N:0.02:121.86E:0.02, h12km, 6km, n50, c065/85, 1C-7D, Taiwan

Main table for 2011 JAN section with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ENA, EHP, TWC, etc.

472

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ELDTW, CHN4, STYT, etc.

ISC 10 00:39:07.0, 1.8, 19.29S:168.40E, h0km, mb4.0/5, mb1.4/2.6, mb1mx3.9/36, mbtmp4.0/6, ML3.2/1, MS3.8/3, MS1.3, 8/3, ms1mx2.9/46, Error ellipse: s-maj=63.0km s-min=22.6km az=130.0

NEIC 10 00:39:08.5, 0.6, 19.23S:168.39E, h10km, mb4.5/4, Error ellipse: s-maj=16.4km s-min=11.7km az=129.0

ISCJB 10 00:39:09.0, 0.7, 19.22S:0.08:168.4E:0.1, h33km, mb4.2/8, MS4.2/1, Error ellipse: s-maj=17.1km s-min=8.7km az=29.7

ISC 10 00:39:12.2, 0.8, 19.25S:0.10:168.4E:0.1, h35km, n17, c117/16, mb4.2/8, 1C, Vanuatu Islands

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

ISC 10 00:51:01.1, 1.7, 7.41S:119.88E, h572km, 18km, mb2.9/7, mb1.3, 0/10, mb1mx2.8/54, mbtmp3.8/10, Error ellipse: s-maj=98.7km s-min=13.0km az=59.0, Flores Sea

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

ISC 10 00:51:21.3, 1.9, 17.93S:167.27E, h0km, mb4.0/4, mb1.4/2.5, mb1mx3.8/43, mbtmp4.0/5, ML3.9/1, Error ellipse: s-maj=43.2km s-min=29.0km az=118.0

NEIC 10 00:51:22.9, 0.7, 18.04S:167.32E, h10km, mb4.3/4, Error ellipse: s-maj=18.0km s-min=12.0km az=123.0

ISCJB 10 00:51:23.5, 0.8, 17.96S:0.07:167.2E:0.1, h23km, mb4.2/9, Error ellipse: s-maj=20.3km s-min=9.5km az=9.1

ISC 10 00:51:25.2, 1.1, 17.98S:0.09:167.3E:0.2, h23km, n10, c1193/11, mb4.1/9, Vanuatu Islands

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

ISCJB 10 00:56:18.6, 0.3, 23.98S:0.03:66.97W:0.04, h200km, mb3.6/3, Error ellipse: s-maj=5.4km s-min=3.3km az=144.7

SJA 10 00:56:18.7, 1.0, 23.98S:66.90W, h209km, 10km, ML2.6, MW2.4

ISC 10 00:56:19.2, 1.6, 23.95S:66.85W, h190km, 17km, mb3.6/3, mb1.3, 8/3, mb1mx3.4/29, mbtmp4.2/8, Error ellipse: s-maj=25.1km s-min=20.3km az=148.0

GUC 10 00:56:20.8, 0.3, 23.76S:67.44W, h237km, 10km, ML4.5

ISC 10 00:56:19.1, 0.7, 23.96S:0.05:66.95W:0.05, h200km, n28,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like San Lorenzo, Humahuaca, Zapla, Limon Verde, Santa Barbara, etc.

ISC 10 05:08:01.2-0.9, 28.12N; 87.97E, h0km, mb3.6/12, mb1 3.7/13, mb1mx3.5/61, mbtmp3.6/13, ML3.4/1, MS3.4/2, Ms1 3.4/2, ms1mx2.5/50, Error ellipse: s-maj=31.1km s-min=17.6km az=55.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Makanchi Array, Kurbb, Sonm, Zalesovo Beam, etc.

ISCJB 10 01:04:22.3-1.1, 27.1N; 01:143.7E; 0.1, h10km, mb3.5/6, Error ellipse: s-maj=21.2km s-min=12.8km az=169.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matsushiro Arr, Sonm, Wramung Arr, etc.

DDA 10 01:05:06.5, 39.80N; 45.14E, h7km, Md3.2 CSEM 10 01:05:07.4-0.8, 39.76N; 45.10E, h2km, MD3.2, Error ellipse: s-maj=17.4km s-min=8.1km az=133.0

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kars, David-gareji, Tutak, Delisi, etc.

ISC 10 01:12:02.8-0.4, 78.43N; 1.64W, h0km, mb4.0/27, mb1 4.1/29, mb1mx4.0/57, mbtmp4.0/29, ML3.5/3, MS3.1/13, Ms1 3.1/13, ms1mx2.9/55, Error ellipse: s-maj=14.4km s-min=8.9km az=28.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kingsbay, Spitsbergen Arr, etc.

ISC 10 01:12:02.0-0.3, 78.35N; 0.04:1.3W; 0.2, h10km, mb4.0/32, MS3.1/7, Error ellipse: s-maj=6.4km s-min=4.6km az=24.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Scoresbysund, Tromso, Sumg, etc.

ISC 10 01:04:24.4-1.3, 27.1N; 01:143.7E; 0.1, h10km, n8, 0589/9, mb3.6/6, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kangerlussuaq, SFJD, NOA, HFS, FIAO, FINES, RES, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Geres, Ink, Inuvik, Scho, Yka, Akto, etc.

MEX 10 01:14:20.7-0.4, 16.79N; 94.28W, h114km; 13km, MD4.1, Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PCIG, HUIG, Vista Hermosa, etc.

DHMR 10 01:21:36.6-1.2, 12.19N; 43.88E, h11km; 29km, ML3.6, Western Arabian Peninsula

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

DHMR 10 01:34:33.9-1.4, 11.94N; 44.01E, h8km; 34km, ML3.7, Western Gulf of Aden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Aden, Dhamar BB, Hajj, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like GCAM G?zelcam?, BODT Bodrum, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like TVSB Tavsanli, LIA Limnos Island, and others.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like DHMR 10:01:40:15.8:0.5, 12:14N:43:91E, h15km, 40km, ML3.7.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like GUC 10:01:40:48.4:0.4, 37:44N:71:22W, h35km, 2km, ML3.6, 2C.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like IDC 10:01:43:08.2:0.7, 19:40S:168:55E, h0km, mb, 4/14.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like COCH Cobquecura, COCH COCH, and others.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like DZM Mont Dzumac, DZM DZM, and others.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like STKA St. Katerina, WRAB Wrab, and others.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like VNA3 Neumayer Olymp, ILAR Elson Array, and others.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like DHMR 10:01:43:36.8:1.5, 12:05N:43:99E, h3km, 102km, ML3.5.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like DHMR 10:01:45:00.1:1.9, 12:00N:43:97E, h14km, 323km, ML3.6.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like DHMR 10:01:56:03.0:1.5, 12:10N:43:88E, h10km, 23km, ML3.9.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like DHMR 10:02:06:44.0:1.5, 12:02N:43:83E, h17km, 7km, ML4.1.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like DHMR 10:02:10:03.9:1.5, 12:05N:43:97E, h14km, 174km, ML3.5.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like BUJ 10:02:10:59.5:1.9, 19:70S:175:32W, h176km, mb5.1/50, mb5.4/36.

Table with columns: Call Sign, Name, Frequency, Mode, and other technical details. Includes stations like AFU Afiamalu, AFU Afiamalu, and others.

432A	Menard	88.62	57	P	P	02 23 37.2 +0.4
231A	Bronte	88.64	55	P	P	02 23 37.1 +0.2
PKDT	Phuket	88.66	279	P	P	02 23 39.3 +2.0
COLD	Coldfoot	88.68	10	eP		02 23 36.1 -0.1
SNAA	Snaae	88.81	178	P	P	02 23 35.6 -1.5
SNAA	Snaae	88.81	178	eP		02 23 37.0 0.0
SNAA	comp=Z,6.0nm,1.0s					
SNAA	Snaae	88.81	178	P	P	02 23 35.4 -1.7
AMTX	Amarillo	88.82	52	P	P	02 23 37.3 -0.5
VNA3	Neumayer Olymp	88.86	176	P	P	02 23 40.3 +3.1
332A	Millersville	88.87	56	P	P	02 23 38.2 +0.3
K22A	Casper	88.89	44	P	P	02 23 37.8 -0.2
131A	Roby	88.89	55	P	P	02 23 38.2 +0.2
533A	Kerrville	88.90	58	P	P	02 23 38.3 +0.2
Y30A	Stafford Cattl	88.99	53	P	P	02 23 38.7 +0.2
433A	Art	89.13	57	P	P	02 23 39.0 -0.2
232A	Coleman	89.14	56	P	P	02 23 39.3 +0.1
HIA	Hailar	89.15	324	d/P		02 23 38.7 -0.1
HIA	comp=Z,48nm,1.6s					
HIA	Hailar	89.15	324	eP		02 23 38.9 +0.1
XAN	Xi'an	89.19	307	P	P	02 23 39.8 +0.4
XAN	comp=Z,42nm,1.0s					
XAN	comp=Z,89nm,2.8s					
PBKT	Sadao Pong	89.23	288	P	P	02 23 41.4 +1.5
PBKT	Sadao Pong	89.23	288	P	P	02 23 41.3 +1.4
MLSJ	Meulaboh, Aceh	89.25	275	P	P	02 23 40.5 +0.4
VNA2	Neumayer-Watz	89.33	176	P	P	02 23 40.5 +1.1
534A	Blanco	89.33	58	P	P	02 23 40.3 +0.2
Z31A	Sharp Cattle R	89.34	54	P	P	02 23 40.2 +0.1
333A	Richland Sprin	89.44	56	P	P	02 23 41.3 +0.6
ABTX	Abilene, Hawle	89.44	55	P	P	02 23 40.4 -0.2
ABTX	Abilene, Hawle	89.44	55	eP		02 23 41.0 +0.4
Y31A	Rekieta Farm,	89.51	54	P	P	02 23 41.1 +0.2
EGMT	Eagleton	89.52	38	P	P	02 23 40.7 0.0
EGMT	Eagleton	89.52	38	eP		02 23 41.6 +0.9
635A	Leesville	89.55	59	P	P	02 23 41.6 0.0
NVL	N'iazarevskaya	89.68	183	eP		02 23 51.3 +1.0
NVL	comp=Z,15nm,0.8s					
U29A	Oasis Ranch, S	89.78	51	P	P	02 23 41.9 -0.2
S28A	Manter	89.80	50	P	P	02 23 42.5 +0.2
434A	Burnet	89.80	57	P	P	02 23 41.8 -0.5
Z32A	Haskell	89.84	54	P	P	02 23 42.8 +0.4
V30A	Spur Ranch, Mi	89.92	52	P	P	02 23 43.3 +0.5
X31A	McDonald Ranch	89.99	53	P	P	02 23 43.2 0.0
133A	Hamilton Ranch	90.00	55	P	P	02 23 43.9 +0.7
UTTA	Uttarakhand	90.01	289	P	P	02 23 44.4 +0.9
334A	Lometa	90.03	57	P	P	02 23 43.6 +0.2
T29A	Hugoton	90.06	50	P	P	02 23 43.2 -0.2
Y32A	R-V Farms, Ver	90.15	54	P	P	02 23 44.2 +0.3
HHC	Hu-ho-hao-te	90.17	314	eP		02 23 44.1 +0.2
HHC	comp=Z,28nm,1.4s					
HHC	comp=Z,290nm,8.4s					
R28A	Tribune	90.18	49	P	P	02 23 44.2 +0.2
W31A	Holland Ranch,	90.25	53	P	P	02 23 44.5 +0.2
NANT	Nan	90.25	290	P	P	02 23 45.1 +0.5
S29A	Ulysses	90.38	50	P	P	02 23 44.9 0.0
Z33A	Whitaker Ranch	90.38	55	P	P	02 23 45.3 +0.3
X32A	Elmer	90.43	54	P	P	02 23 45.2 0.0
V31A	Spring Creek L	90.56	52	P	P	02 23 46.5 +0.8
PHRA	Phrae	90.56	289	P	P	02 23 47.1 +1.0
134A	White-Moore Ra	90.63	56	P	P	02 23 46.6 +0.5
335A	Moody	90.65	57	P	P	02 23 46.4 +0.2
R29A	Marienthal	90.70	49	P	P	02 23 46.6 +0.3
KMI	Kumming	90.72	296	P	P	02 23 47.4 +0.4
KMI	comp=Z,24nm,1.0s					
KMI	comp=Z,220nm,4.3s					
P28A	Saint Francis	90.74	48	P	P	02 23 47.1 +0.5
W32A	Sentinel	90.74	53	P	P	02 23 47.0 +0.4
SUKH	Sukhothai	90.74	288	P	P	02 23 47.6 +0.7
Y33A	Hilltop Ranch,	90.77	54	P	P	02 23 47.5 +0.7
U31A	Nine Gar Ranch	90.79	52	P	P	02 23 47.3 +0.5
S30A	Montezuma	90.86	50	P	P	02 23 47.2 0.0
WHXT	Lake Whitney,	90.90	56	P	P	02 23 47.6 +0.2
436A	Wall Ranch, Ga	90.96	58	P	P	02 23 48.1 +0.4
O28A	Krutsinger Ran	90.96	48	P	P	02 23 48.1 +0.5
UMPA	Umpang Tak	91.00	287	P	P	02 23 49.1 +0.9
Q29A	Oakley	91.00	49	P	P	02 23 48.1 +0.3
Z34A	Collier Ranch,	91.07	55	P	P	02 23 48.6 +0.5
X33A	Lawton	91.08	54	P	P	02 23 48.6 +0.5
LAMP	Lamp	91.10	289	P	P	02 23 49.2 +0.6
V32A	Arapaho	91.13	52	P	P	02 23 48.9 +0.5
135A	Vickery Place,	91.15	56	P	P	02 23 49.2 +0.7
336A	Riesel	91.15	57	P	P	02 23 49.0 +0.4
RSSD	Black Hills	91.17	43	P	P	02 23 49.0 +0.4
RSSD	Black Hills	91.17	43	eP		02 23 48.4 -0.3
T31A	Randall Ranch,	91.21	51	P	P	02 23 49.0 +0.3
R30A	Dighton	91.26	50	P	P	02 23 49.4 +0.5
I25A	Rochford	91.32	43	P	P	02 23 49.5 +0.3

W33A	Caddo, Fort Co	91.34	53	P	P	02 23 50.7 +1.4
N28A	Pribbeno Ranch	91.36	47	P	P	02 23 50.6 +1.2
Y34A	Resagan Ranch,	91.42	54	P	P	02 23 50.7 +0.9
U32A	Winter Ranch,	91.42	52	P	P	02 23 50.2 +0.5
437A	Phantom Ranch,	91.50	58	P	P	02 23 50.4 +0.2
S31A	Mullinville	91.56	51	P	P	02 23 50.6 +0.2
Z35A	Perchaven, San	91.57	55	P	P	02 23 50.2 -0.2
Q30A	Quinter	91.58	49	P	P	02 23 50.7 +0.3
X34A	Smith Ranch, M	91.61	54	P	P	02 23 51.4 +0.8
Z36A	Katherine and	91.63	57	P	P	02 23 50.9 +0.2
O29A	4D Ranch, Culb	91.64	48	P	P	02 23 51.2 +0.5
H25A	Fruitdale	91.67	43	P	P	02 23 52.1 +1.4
CMAR	Chiang Mai Arr	91.69	289	P	P	02 23 52.1 +0.8
V33A	Lossen Ranch,	91.74	53	P	P	02 23 51.7 +0.5
P30A	Selden	91.79	49	P	P	02 23 51.7 +0.3
T32A	Huddler Ranch,	91.80	51	P	P	02 23 51.7 +0.3
R31A	Burdett	91.80	50	P	P	02 23 51.3 -0.2
CHTO	Chiang Mai	91.81	289	P	P	02 23 52.1 +0.2
CHTO	Chiang Mai	91.81	289	P	P	02 23 52.2 +0.3
CHTO	Chiang Mai	91.81	289	eP		02 23 51.9 0.0
CBK5	Cedar Bluff	91.86	49	P	P	02 23 51.8 +0.1
337A	Centerville	91.89	57	P	P	02 23 52.4 +0.4
W34A	Bridge Creek,	91.90	53	P	P	02 23 52.4 +0.5
CD2	Chengdu	91.99	302	P	P	02 23 52.5 0.0
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2	comp=Z,142nm,1.0s					
CD2	comp=Z,36nm,1.0s					
CD2	comp=Z,10.0nm,0.5s					
CD2	comp=Z,140nm,5.4s					
CD2</						

10d 2h

2011 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like BANOM Banah, MBAR Mbarara, EIL Elat, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MLR Muntele Rosu, VRI Vrincoiaia, PLOH Plostina, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LPSR Galich'ya Gora, LPSR comp=Z,20nm,1.2s, LPSR comp=N,10.0nm,1.5s, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KHC, Kasperke Hory, GO Pecny, Ondr, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KLMR, Klimovskoe, MDT, Midelt, WMQ, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like BOD, Bodaibo, SCO, Scoresbyund, etc.

IDC 10:02:32:16.4:12.0, 12:58S:167.27E, h152km, 1.02km, mb3.4/6, mb13.7/6, mb1mx3.4/39, mbtmp3.8/6, Error ellipse: s-maj=112.7km s-min=39.0km az=139.0, Santa Cruz Islands

DHMR 10:02:35:24.8:1.2, 12:02N:43.73E, h11km, 51km, ML4.0, ISCJB 10:02:35:29.3:0.7, 12:13N:0:07:43:91E:0:07, h4km, Error ellipse: s-maj=13.2km s-min=4.7km az=140.5, ARO 10:02:35:32.0:1.2, 13:3:4:4E:1, h15km, 4km, ML3.5, ISC 10:02:35:28.6:1.1, 12:07N:0:09:43:93E:0:08, h4km, n9, 4:11/1/3, Western Arabian Peninsula

Table with columns: DZM, Mont Dzumac, 3.24 210 Pn, Pn, 02 42 05.7 +0.1, etc.

10Z 02:43:11.2e.1.4.22.27S:70.88W, h0km, mb3.8/3, mb1 3.9/7, mb1mx3.7/24, mbtmp3.8/7, ML3.6/4, MS2.7/2, Ms1 2.7/2, ms1mx2.6/27, Error ellipse: s-maj=3.0,0km s-min=27.3km az=8.0

ISCJB 10:02:43:13.6e.1.7.22.26S:0.03:70.81W:0.06, h15km, 11km, mb3.7/3, Error ellipse: s-maj=9.2km s-min=4.7km az=19.8 GUC 10:02:43:16.1e.0.4.22.30S:70.60W, h38km, 2km, ML4.1 NEIC 10:02:43:16.0.22:30S:70.60W, h38km, MG4.1(GUC), After GUC.

10Z 02:43:15.1e.1.9.22.31S:0.04:70.68W:0.09, h11km, gkm, n30, e150/29, mb3.6/3, 1C-4D, Near coast of northern Chile

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

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

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

10Z 02:47:20.1e.0.4.36.95N:135.59E, h373km, 4km, M3.5, Sea of Japan

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

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

10Z 02:49:12.8e.3.8.4.95S:150.29E, h0km, mb3.0/2, mb1 3.4/3, mb1mx3.2/23, mbtmp3.3/3, ML1.4/1, Error ellipse: s-maj=161.4km s-min=36.6km az=115.0, New Britain region

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

DDA 10:02:51:29.8.41.28N:43.96E, h7km, Md3.1 CSEM 10:02:51:30.7e.0.2.41.20N:44.04E, h2km, ML1.5, Error ellipse: s-maj=4.8km s-min=2.8km az=144.0 TIF 10:02:51:30.2.41.24N:44.06E, h18km, 1km ISC 10:02:51:30.0.1.41.24N:03.00:44.07E:0.03, h8km, 10km, n27, e051/53, Western Caucasus

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

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

10Z 03:05:42.8e.1.4.10.65S:162.28E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.8/27, mbtmp3.8/6, ML3.5/0.1, Ms1 3.0/1, ms1mx2.6/43, Error ellipse: s-maj=39.5km s-min=26.1km az=156.0

ISCJB 10:03:05:48.8e.1.1.10.75S:0.2:162.2E:0.1, h54km, mb3.6/5, Error ellipse: s-maj=23.5km s-min=13.5km az=24.8

10Z 03:05:50.4e.1.3.3.03S:0.03:162.1E:0.1, h54km, n7, e186/7, mb3.6/5, Bougainville-Solomon Islands region

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

10Z 10:03:10.42e.1.9.2.14N:96.14E, h0km, mb3.9/7, mb1 4.0/7, mb1mx3.7/38, mbtmp3.9/7, MS3.1/1, Ms1 3.3/1, ms1mx2.6/56, Error ellipse: s-maj=90.7km s-min=20.3km az=55.0

ISCJB 10:03:10:45.3e.0.7.2.29N:0.04:96.22E:0.07, h27km, mb3.9/7, Error ellipse: s-maj=10.0km s-min=5.4km az=162.4

DJA 10:03:10:46.6e.1.5.2.N:3.9E:1, h27km, 16km, M3.9/8, mb4.4/2, MLV3.7/8

10Z 10:03:47.2e.1.0.2.31N:0.05:96.30E:0.09, h27km, n26, e066/23, mb4.1/7, Northern Sumatra

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

BUI 10:03:21:28.3.5.94S:68.14E, h10km, mb4.8/41, MB5.1/29, MS4.8/19, Ms7.4/4/24

MOS 10:03:21:33.7e.1.0.5.35S:68.60E, h10km, mb5.1/57, MS5.5/5, Error ellipse: s-maj=9.1km s-min=5.0km az=108.5

10Z 03:21:34.1e.0.5.5.29S:68.60E, h0km, mb4.5/25, mb1 4.6/25, mb1mx4.4/46, mbtmp4.5/25, MS4.0/18, Ms1 4.0/18, ms1mx3.6/57, Error ellipse: s-maj=14.8km s-min=13.1km az=34.0

ISCJB 10:03:21:34.3e.0.3.5.36S:0.05:68.57E:0.04, h13km, mb4.8/107, MS4.4/29, Error ellipse: s-maj=6.6km s-min=5.5km az=171.2

NEIC 10:03:21:35.5e.0.2.5.32S:68.55E, h10km, mb5.0/27, Error ellipse: s-maj=7.1km s-min=6.8km az=175.0

GCMT 10:03:21:35.0.3.5.44S:68.63E, h12km, 1km, MW4.9/64, Moment Tensor Solution. s20,c24; s64,c90; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=2.15e.17; Mw=0.23e.10; Ms=2.39e.12; Mm=0.23e.37; Mv=0.61e.07; Mb=0.82e.25; Best double couple. M2=48700e.1016; NP1=358.0000e.855.0000e.1-76.0000e.0; NP2=156.0000e.837.0000e.1-108.0000e.0; Principal axes: T 2.6440, P1g9.0000e. Azm79.0000e. N -0.2900. Azm17.0000e. Azm17.0000e. P -2.3490, Plg76.0000e. Azm310.0000e. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

10Z 03:21:35.9e.0.3.5.44S:0.05:68.66E:0.06, h13km, n450, e1900/447, mb5.0/107, MS4.2/29, 50C-8D, Chagos

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

Archipelago region									
Code	Station Name	Δ ^a	AZ ^b	Phase	ID	ISC	Time	Res	
							h m s	ISC	
H08N3	Diego Garcia H	2.49 111	T	T			03 25 13.2		
H08N2	Diego Garcia H	2.49 111	T	T			03 25 07.8		
H08N1	Diego Garcia H	2.51 111	T	T			03 25 08.1		
DGAR	Diego Garcia	4.25 118	P	Pn			03 22 38.2 -2.2		
DGAR	Diego Garcia	4.25 118	Pn	Pn			03 22 38.0 -2.4		
DGAR	Diego Garcia	4.25 118	eP	Pn			03 22 38.0 -2.4		
KAAM	Kaadhehdho	7.31 36	P	Pn			03 23 21.3 -1.2		
PALK	Pallekele	17.43 44	P	P			03 25 41.0 +0.7		
PALK	Pallekele	17.43 44	P	P			03 25 41.0 +0.7		
PALK	Pallekele	17.43 44	P	Pmax			03 25 41.0 +0.7		
PALK	Pallekele	17.43 44	P	Pn			03 25 38.5 -0.6		
OPO	Ambohitrato	24.68 236	LR	LR			03 34 31.5		
HYB	Hyderabad	24.72 23	P	P			03 26 56.5 -0.7		
ABPO	Ambohimanom	24.87 235	P	Pmax			03 26 58.4 -0.4		
ABPO	Ambohimanom	24.87 235	eP	P			03 26 58.4 -0.4		
COCO	West Island	28.62 105	P	P			03 27 32.4 0.0		
WSAR	Wadi Sarin	30.14 341	LR	LR			03 37 09.5		
KMBO	Kilima Mbogo	31.64 277	P	P			03 28 00.2 +0.8		
KMBO	Kilima Mbogo	31.64 277	P	LR			03 28 00.2 +0.8		
ASHO	Ashiyah	32.35 338	P	P			03 28 06.8 +1.4		
HATD	Hatta, Dubai	32.46 338	↑P	P			03 28 07.3 +1.1		
UOSS	Minazif	32.54 339	eP	P			03 28 05.0 -1.9		
FAQ	Al Faqa, Dubai	32.59 338	↑P	P			03 28 07.4 +0.1		
NAZ	Nawza, Dubai	32.78 338	↑P	P			03 28 10.2 +1.2		
SRDT	SRDT	36.05 57	P	P			03 28 41.8 +4.4		
CM01	Chiang Mai Arr	38.14 51	eP	P			03 28 56.0 +0.8		
CMAR	Chiang Mai Arr	38.15 51	P	LR			03 28 56.0 +0.7		
CMAR	Chiang Mai Arr	38.15 51	P	LR			03 28 56.0 +0.7		
CMAR	Chiang Mai Arr	38.15 51	P	Pmax			03 28 56.0 +0.7		
CHTO	Chiang Mai	38.36 50	P	P			03 28 58.2 +1.2		
CHTO	Chiang Mai	38.36 50	P	Pmax			03 28 56.0 -1.0		
CHTO	Chiang Mai	38.36 50	P	P			03 28 58.2 +1.2		
CHTO	Chiang Mai	38.36 50	eP	P			03 28 56.5 -0.6		
CMAI	Chiangmai2	39.10 49	P	P			03 29 05.4 +2.0		
LOEI	Loei	39.45 54	P	P			03 29 11.0 +4.7		
KBL	Kabul	39.76 0	P	P			03 29 10.1 +1.3		
KBL	Kabul	39.76 0	eP	Pmax			03 29 10.2 +1.3		
LSZ	Lusaka	40.92 253	P	P			03 29 18.0 -0.7		
LSZ	Lusaka	40.92 253	P	Pmax			03 29 18.0 -0.7		
LSZ	Lusaka	40.92 253	eP	P			03 29 18.0 -0.7		
LSZ	Lusaka	40.92 253	eP	P			03 29 21.7 +1.7		
GEYT	Alibeck	44.24 348	P	P			03 29 44.9 -0.3		
KMI	Kunming	44.95 46	P	Pmax			03 29 52.7 +1.4		
KMI	Kunming	44.95 46	P	Pmax			03 29 52.7 +1.4		
KSH	Kashi	45.24 8	eP	P			03 29 50.1 -3.1		
KSH	Kashi	45.24 8	eP	P			03 29 54.5 -2.8		
KSH	Kashi	45.24 8	eP	P			03 31 31.1 -2.1		
KSH	Kashi	45.24 8	eP	P			03 31 35.6 -3.6		
KSH	Kashi	45.24 8	eS	P			03 36 25.7 -7.4		
KSH	Kashi	45.24 8	eS	Pmax			03 39 38.8 -11		
KSH	Kashi	45.24 8	eP	Pmax			03 29 50.1 -3.1		
KSH	Kashi	45.24 8	eP	P			03 29 54.5 -2.8		
KSH	Kashi	45.24 8	eP	P			03 31 31.1 -2.1		
KSH	Kashi	45.24 8	eP	P			03 31 35.6 -3.6		
KSH	Kashi	45.24 8	eS	P			03 36 25.7 -7.4		
KSH	Kashi	45.24 8	eS	Pmax			03 39 38.8 -11		
BOSA	Boshof	47.09 236	P	LR			03 30 07.8 -0.2		
BOSA	Boshof	47.09 236	eP	LR			03 30 08.0 -0.1		
QIZ	Qiongzong	47.29 58	P	P			03 30 10.4 +0.9		
QIZ	Qiongzong	47.29 58	P	P			03 37 05.5 +2.5		
QIZ	Qiongzong	47.29 58	P	Pmax			03 30 10.4 +0.9		
AML	Almayashu	47.56 5	P	P			03 30 13.8 +2.1		
KZA	Kyzart	47.67 7	P	P			03 30 14.2 +1.6		
UCH	Uchter	47.74 6	P	P			03 30 13.6 +0.5		
MNAS	Manas	47.82 4	P	Pmax			03 30 14.3 +0.8		
MNAS	Manas	47.82 4	P	Pmax			03 30 14.3 +0.8		
EKS2	Erkin-Say	48.10 5	P	P			03 30 17.0 +1.5		
EKS2	Erkin-Say	48.10 5	P	P			03 30 17.1 +1.5		
EKS2	Erkin-Say	48.10 5	P	P			03 30 15.7 +0.1		
AAK	Ala-Archa	48.14 6	cP	Pmax			03 30 17.0 +1.1		
AAK	Ala-Archa	48.14 6	P	P			03 30 17.0 +1.1		
AAK	Ala-Archa	48.14 6	P	P			03 30 17.3 +1.4		
AAK	Ala-Archa	48.14 6	eP	P			03 30 15.2 -0.8		
KBK	Karagaybulak	48.21 6	P	P			03 30 17.1 +0.7		
KKAR	Karatay Arran	48.34 2	eP	P			03 30 17.5 +0.2		
FRU	Bishkek	48.35 6	eP	Pmax			03 30 18.0 +0.6		
FRU	Bishkek	48.35 6	eP	Pmax			03 30 18.0 +0.6		
TKM2	Tokmak 2	48.54 7	P	Pmax			03 30 19.0 -0.1		
TKM2	Tokmak 2	48.54 7	P	P			03 30 19.2 +0.1		
TKM2	Tokmak 2	48.54 7	eP	P			03 30 17.9 -1.2		
TKM2	Tokmak 2	48.54 7	eP	P			03 30 21.0 +1.4		
GYA	Guyang	48.58 47	P	P			03 32 13.6 +0.9		
GYA	Guyang	48.58 47	P	P			03 35 40.0 -0.1		
GYA	Guyang	48.58 47	P	P			03 37 21.4 0.0		
GYA	Guyang	48.58 47	P	P			03 40 10.7 -2.0		
GYA	Guyang	48.58 47	P	P			03 40 46.9 -4.9		
GYA	Guyang	48.58 47	P	Pmax			03 30 21.0 +1.4		
GYA	Guyang	48.58 47	P	P			03 32 13.6 +0.9		
GYA	Guyang	48.58 47	P	P			03 35 40.0 -0.1		
GYA	Guyang	48.58 47	P	P			03 37 21.4 0.0		
GYA	Guyang	48.58 47	P	P			03 40 10.7 -2.0		
GYA	Guyang	48.58 47	P	P			03 40 46.9 -4.9		
GYA	Guyang	48.58 47	P	Pmax			03 30 21.0 +1.4		
GYA	Guyang	48.58 47	P	P			03 32 13.6 +0.9		
GYA	Guyang	48.58 47	P	P			03 35 40.0 -0.1		
GYA	Guyang	48.58 47	P	P			03 37 21.4 0.0		
GYA	Guyang	48.58 47	P	P			03 40 10.7 -2.0		
GYA	Guyang	48.58 47	P	P			03 40 46.9 -4.9		
GYA	Guyang	48.58 47	P	Pmax			03 30 21.0 +1.4		
GYA	Guyang	48.58 47	P	P			03 32 13.6 +0.9		
GYA	Guyang	48.58 47	P	P			03 35 40.0 -0.1		
GYA	Guyang	48.58 47	P	P			03 37 21.4 0.0		
GYA	Guyang	48.58 47	P	P			03 40 10.7 -2.0		
GYA	Guyang	48.58 47	P	P			03 40 46.9 -4.9		
GYA	Guyang	48.58 47	P	Pmax			03 30 21.0 +1.4		
GYA	Guyang	48.58 47	P	P			03 32 13.6 +0.9		
GYA	Guyang	48.58 47	P	P			03 35 40.0 -0.1		
GYA	Guyang	48.58 47	P	P			03 37 21.4 0.0		
GYA	Guyang	48.58 47	P	P			03 40 10.7 -2.0		
GYA	Guyang	48.58 47	P	P			03 40 46.9 -4.9		
GYA	Guyang	48.58 47	P	Pmax			03 30 21.0 +1.4		
GYA	Guyang	48.58 47	P	P			03 32 13.6 +0.9		
GYA	Guyang	48.58 47	P	P			03 35 40.0 -0.1		
GYA	Guyang	48.58 47	P	P			03 37 21.4 0.0		
GYA	Guyang	48.58 47	P	P			03 40 10.7 -2.0		
GYA	Guyang	48.58 47	P	P			03 40 46.9 -4.9		
GYA	Guyang	48.58 47	P	Pmax			03 30 21.0 +1.4		
GYA	Guyang	48.58 47	P	P			03 32 13.6 +0.9		
GYA	Guyang	48.58 47	P	P			03 35 40.0 -0.1		
GYA	Guyang	48.58 47	P	P			03 37 21.4 0.0		
GYA	Guyang	48.58 47	P	P			03 40 10.7 -2.0		
GYA	Guyang	48.58 47	P	P			03 40 46.9 -4.9		
GYA	Guyang	48.58 47	P	Pmax			03 30 21.0 +1.4		
GYA	Guyang	48.58 47	P	P			03 32 13.6 +0.9		
GYA	Guyang	48.58 47	P	P			03 35 40.0 -0.1		
GYA	Guyang	48.58 47	P	P			03 37 21.4 0.0		
GYA	Guyang	48.58 47	P	P			03 40 10.7 -2.0		
GYA	Guyang	48.58 47	P	P			03 40 46.9 -4.9		
GYA	Guyang	48.58 47	P	Pmax			03 30 21.0 +1.4		
GYA	Guyang	48.58 47	P	P			03 32 13.6 +0.9		
GYA	Guyang	48.58 47	P	P			03 35 40.0 -0.1		
GYA	Guyang	48.58 47	P	P			03 37 21.4 0.0		
GYA	Guyang	48.58 47	P	P			03 40 10.7 -2.0		
GYA	Guyang	48.58 47	P	P			03 40 46.9 -4.9		
GYA	Guyang	48.58 47	P						

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like GBMF, Pelee Case Pet, etc.

ARO 10 05:06:08.3, 12°N, 84°44'E, h11km, 15km, ML3.7, Western Arabian Peninsula

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

105:10:22.6:0.7, 33°62'S; 178°67'W, h0km, mb4.4/6, mb1 4.6/8, mb1mx3.2/29, mbtmp4.5/8, ML4.5/2, MS3.7/8, Ms1 3.7/8, ms1mx3.3/28, Error ellipse: s-maj=25.2km s-min=21.5km az=124.0

NEIC 10 05:10:28.9:2.9, 33°79'S; 178°70'W, h44km, 23km, mb4.5/3, Error ellipse: s-maj=26.6km s-min=14.2km az=222.0

ISC 10 05:10:27.9:0.8, 33°80'S; 0:08:178.5W:0.1, h41km, n59, s=123/25, mb4.5/3, MS3.7/6, 1C, South of Kermadec Islands

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like BSO3, BSO1, BSO4, etc.

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KK31, KK31, UCH, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like EKS2, EKS2, AAK, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MK31, MKAR, AB31, etc.

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

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

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

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

MEX 10 05:57:50.5:0.6, 15°04'N, 93°40'W, h58km, 14km, MD3.6, Near coast of Chiapas

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

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

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

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

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

CASC 10 05:43:54.2:0.1, 22°00'N, 88°60'W, h36km, 999km, MD3.7, Off coast of central America

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

ISC 10 05:22:37.3:0.6, 30°20'N, 05°15'38.36E:0.09, h400km, mb3.3/6, Error ellipse: s-maj=11.2km s-min=6.3km az=164.4

JMA 10 05:22:37.4:0.2, 30°38'N, 138°97'E, h459km, M3.7, 105:22:40.1:8.0, 30°35'N, 138°52'E, h28km, 23km, mb3.1/6, mb1 3.2/9, mb1mx2.9/39, mbtmp3.9/9, Error ellipse: s-maj=23.5km s-min=23.5km az=75.0

ISC 10 05:22:38.4:0.8, 30°22'N, 0107°138'5E:0.1, h400km, n21, s=127/25, mb3.1/6, Southeast of Honshu

ISC 10 05:45:53.3:2.4, 33°62'S; 178°60'W, h0km, mb3.7/2, mb1 4.0/3, mb1mx3.7/27, mbtmp3.8/3, ML3.8/1, Error ellipse: s-maj=64.5km s-min=35.0km az=125.0

ISC 10 05:45:57.5:1.5, 33°72'S; 0:09:178.6W:0.2, h41km, mb3.6/2, Error ellipse: s-maj=22.4km s-min=11.7km az=20.4

ISC 10 05:45:59.4:1.5, 33°73'S; 0:10:178.7W:0.2, h41km, n10, s=0541/14, South of Kermadec Islands

Table with columns: Station, Name, Frequency, Class, Power, Azimuth, Elevation, and other technical details. Includes stations like Kings Mountain, Matatal Enter, Lake Whitney, etc.

Table with columns: Station, Name, Frequency, Class, Power, Azimuth, Elevation, and other technical details. Includes stations like Bridge Creek, Leonard, McDonald Ranch, etc.

Table with columns: Station, Name, Frequency, Class, Power, Azimuth, Elevation, and other technical details. Includes stations like Oasis Ranch, Ogdenburg, Kaszmaul Farm, etc.

O35A	Humboldt	78.43	343	P	P	06 14 49.3	-0.5
N37A	Lee Faris, Mou	78.50	344	P	P	06 14 49.7	-0.3
P32A	Hutting Farm,	78.52	340	P	P	06 14 50.0	-0.2
Q29A	Oakley	78.52	338	P	P	06 14 50.7	+0.3
O34A	Beatrice	78.54	342	P	P	06 14 50.1	-0.2
P31A	Stockton	78.64	340	P	P	06 14 51.6	+0.6
O33A	Hebron	78.67	341	P	P	06 14 51.0	-0.1
GLA	Glamis	78.69	325	P	P	06 14 51.4	+0.1
N36A	Muff Farm, Cla	78.72	343	P	P	06 14 51.2	-0.1
ACCN	Adirondack Com	78.73	360	eP	P	06 14 52.7	+1.4
M38A	Pleasantville	78.91	345	P	P	06 14 52.1	-0.2
P30A	Seldene	78.91	339	P	P	06 14 52.2	-0.3
N35A	Tabor	78.93	343	P	P	06 14 52.4	-0.1
Q28A	Sharon Springs	78.94	338	P	P	06 14 52.8	+0.1
SDCO	Great Sand Dun	78.95	335	P	P	06 14 53.0	-0.2
SDCO	Great Sand Dun	78.95	335	eP	P	06 14 53.4	+0.3
SDCO	comp=Z,29nm,1.3s			LR	LR		
O32A	Brockman Farm,	79.03	341	P	P	06 14 53.3	+0.2
SWSC	Sam W. Stewart	79.04	325	P	P	06 14 53.6	+0.3
SWSC	Sam W. Stewart	79.04	325	eP	P	06 14 56.9	+3.6
M37A	Trindle Farm,	79.08	344	P	P	06 14 53.7	+0.4
N34A	Lincoln	79.11	342	P	P	06 14 53.9	+0.4
Y12C	Blythe	79.13	326	P	P	06 14 54.2	+0.5
KSCO	Kaye Shedlock'	79.14	337	P	P	06 14 54.2	+0.3
KSCO	Kaye Shedlock'	79.14	337	eP	P	06 14 54.5	+0.6
P29A	Atwood	79.17	339	P	P	06 14 54.3	+0.4
O31A	Woolen Ranch,	79.21	340	P	P	06 14 54.7	+0.6
WUAZ	Wupatki	79.25	329	P	P	06 14 55.0	+0.5
WUAZ	Wupatki	79.25	329	eP	P	06 14 56.0	+1.4
WUAZ	comp=Z,3um,19.0s			LR	LR		
N33A	J Bar K, Exete	79.26	342	P	P	06 14 54.7	+0.4
M36A	Felix, Anita	79.29	344	P	P	06 14 54.7	+0.3
MONP2	Monument Peak	79.30	324	P	P	06 14 54.9	0.0
MDV	Middlebury	79.35	0	eP	P	06 14 55.0	+0.4
SCIA	State Center	79.38	345	eP	P	06 14 55.0	+0.1
P28A	Saint Francis	79.39	338	P	P	06 14 55.8	+0.6
PDMCI	Parker Dam,Lak	79.42	327	P	P	06 14 55.8	+0.6
S22A	4UR Ranch, Cre	79.43	334	P	P	06 14 56.0	+0.3
S22A	4UR Ranch, Cre	79.43	334	eP	P	06 14 56.7	+1.0
S22A	comp=Z,29nm,1.1s			LR	LR		
O30A	MW Ranch, Wils	79.44	339	P	P	06 14 56.1	+0.7
BC3	Big Chuckawalk	79.48	325	P	P	06 14 55.9	+0.1
M35A	Neola	79.51	343	P	P	06 14 56.3	+0.7
MCQ	Macquarie Isla	79.53	208	PFAKE	LR	06 15 10.0	+1.4
MCQ	comp=Z,5um,20.0s			LR	LR		
L38A	Oak Wood Farm,	79.55	345	P	P	06 14 55.5	-0.3
MVCO	Mesa Verde	79.58	332	P	P	06 14 57.1	+0.6
MVCO	Mesa Verde	79.58	332	eP	P	06 14 57.0	+0.6
MVCO	comp=Z,45nm,1.3s			LR	LR		
O29A	4D Ranch, Culb	79.61	339	P	P	06 14 56.5	+0.2
109C	Camp Elliot, M	79.62	324	P	P	06 14 56.2	-0.3
L37A	Phoenix Point,	79.70	345	P	P	06 14 56.6	-0.1
N31A	Bailey Ranch,	79.74	341	P	P	06 14 57.5	+0.6
TSUM	Tsumeb	79.75	106	eP	P	06 14 58.1	+0.3
TSUM	comp=Z,70nm,1.6s			LR	LR		
IRM	Iron Mountain	79.76	326	P	P	06 14 57.5	+0.3
M34A	Aspy Farms, Fr	79.76	342	P	P	06 14 57.0	0.0
JFWS	Jewell Farm	79.78	347	eP	Pmax	06 14 56.7	-0.3
JFWS	comp=Z,110nm,1.4s			Pmax	Pmax		
JFWS	Jewell Farm	79.78	347	eP	P	06 14 56.7	-0.3
JFWS	comp=Z,109nm,1.4s			LR	LR		
L36A	Harm Buss Farm	79.88	344	P	P	06 14 57.8	+0.2
O28A	Krutsinger Ran	79.90	338	P	P	06 14 58.4	+0.5
PFO	Pinyon Flats O	79.91	325	eP	Pmax	06 14 59.3	+1.1
PFO	comp=Z,31nm,1.1s			Pmax	Pmax		
PFO	Pinyon Flats O	79.91	325	P	P	06 14 59.2	+1.1
PFO	comp=Z,23nm,0.9s,SNR=5.4			P	P	06 14 58.7	+0.6
PFO	Pinyon Flats O	79.91	325	eP	P	06 14 59.3	+1.1
PFO	comp=Z,31nm,1.1s			LR	LR		
Q24A	Divide	79.93	335	P	P	06 14 58.7	+0.3
Q24A	Divide	79.93	335	eP	P	06 14 57.7	-0.7
Q24A	comp=Z,326nm,2.5s			LR	LR		
Q24A	comp=Z,2um,18.0s			LR	LR		
LONY	Lake Ozonia	79.98	359	eP	P	06 14 58.8	+0.7
LONY	comp=Z,322nm,2.4s			LR	LR		
WVL	Waterville	79.98	3	PFAKE	LR	06 15 10.0	+1.2
WVL	comp=Z,3um,21.0s			LR	LR		
K38A	Parkersburg	80.00	346	P	P	06 14 58.0	-0.2
BELC	Belle Mtn. Jos	80.02	325	P	P	06 14 58.9	+0.2
NEE2	Needles Airpor	80.02	327	P	P	06 14 59.2	+0.6
BGNE	Belgrade	80.07	341	P	P	06 14 59.2	+0.5
BGNE	Belgrade	80.07	341	eP	P	06 14 59.5	+0.8
L35A	Bielow Farm, R	80.09	343	P	P	06 14 59.3	+0.5
L34A	Svensen Farm,	80.15	343	P	P	06 14 59.4	+0.3
FRNY	Flat Rock	80.18	360	eP	P	06 15 00.6	+1.4
BOSA	Bosho	80.19	118	P	P	06 14 59.9	-0.2
BOSA	comp=Z,25nm,1.0s,baz=231,slow=6.1,SNR=11			LR	LR	06 14 40.8	
BOSA	comp=Z,5um,18.9s,baz=226,slow=34			P	P	06 15 00.2	+0.2
BOSA	comp=Z,45nm,0.9s			eP	P		

N29A	Votaw Ranch, W	80.20	339	P	P	06 14 59.8	+0.3
M31A	Lambrecht Ranc	80.23	341	P	P	06 14 59.8	+0.2
MURC	Murietta	80.25	324	P	P	06 15 00.3	+0.4
K37A	Belmond	80.29	345	P	P	06 14 59.2	-0.6
SADO	Sadova	80.29	356	eP	P	06 14 59.9	+0.2
SADO	comp=Z,269nm,2.3s			LR	LR		
K36A	Gilmore City	80.34	344	P	P	06 15 00.1	0.0
N28A	Priibbeno Ranch	80.34	339	P	P	06 15 00.7	+0.4
GMRC	Groanite Mounta	80.50	326	P	P	06 15 01.7	+0.3
L33A	Hoskins	80.56	342	P	P	06 15 01.5	+0.2
J38A	Wedel Dairy, R	80.58	346	P	P	06 15 01.2	-0.2
L32A	Elgin	80.59	342	P	P	06 15 01.7	+0.2
K35A	Storm Lake	80.60	344	P	P	06 15 01.6	+0.1
M30A	Dale-Ortello V	80.65	340	P	P	06 15 02.1	+0.2
BBRC	Big Bear Solar	80.66	325	P	P	06 15 02.1	-0.2
BFZ	Birch Farm	80.71	226	PFAKE	LR	06 15 20.0	+18
BFZ	comp=Z,2um,19.0s			LR	LR		
SMCO	Snowmass	80.75	334	eP	P	06 15 04.2	+1.2
SMCO	comp=Z,102nm,1.5s			LR	LR		
K34A	Le Mars	80.76	343	P	P	06 15 02.0	-0.4
J37A	Redenius Farm,	80.79	345	P	P	06 15 02.3	-0.2
M29A	Burnside Ranch	80.80	340	P	P	06 15 02.8	+0.2
MOZ	McQueen's Vall	80.80	222	PFAKE	LR	06 15 20.0	+17
MOZ	comp=Z,5um,20.0s			LR	LR		
GLMI	Grayling	80.83	352	PFAKE	LR	06 15 10.0	+7.4
GLMI	comp=Z,4um,20.0s			LR	LR		
ISCO	Idaho Springs	80.83	335	eP	Pmax	06 15 04.0	+0.8
ISCO	comp=Z,42nm,1.5s			Pmax	Pmax		
ISCO	Idaho Springs	80.83	335	P	P	06 15 03.8	+0.6
ISCO	Idaho Springs	80.83	335	eP	P	06 15 03.2	0.0
ISCO	comp=Z,42nm,1.5s			LR	LR		
HEC	Hector,Ludlow	80.85	325	P	P	06 15 03.4	+0.3
CR LZ	Canterbury Las	80.90	222	PFAKE	LR	06 15 20.0	+17
CR LZ	comp=Z,5um,20.0s			LR	LR		
K33A	Hardington	80.90	343	P	P	06 15 03.4	+0.3
M28A	Bar X Bar Ranch	80.95	339	P	P	06 15 04.4	+0.9
L31A	Butterfield Fa	80.97	341	P	P	06 15 04.2	+0.7
J36A	Seneca 1, Swea	80.98	345	P	P	06 15 03.9	+0.4
ODZ	Otahua Downs	80.98	220	PFAKE	LR	06 15 20.0	+16
ODZ	comp=Z,5um,18.0s			LR	LR		
BFSC	Mount Baldy Ra	80.99	324	P	P	06 15 04.4	+0.4
L30A	Spencer Herefo	80.99	340	P	P	06 15 04.4	+0.7
KHZ	Kahutara	81.15	224	PFAKE	LR	06 15 20.0	+15
KHZ	comp=Z,2um,18.0s			LR	LR		
TUQ	Turquoise Moun	81.17	326	P	P	06 15 05.3	+0.5
PASC	Pasadena Art C	81.19	324	eP	P	06 15 06.4	+1.6
PASC	comp=Z,341nm,3.0s			LR	LR		
PASC	comp=Z,3um,19.0s			LR	LR		
K32A	Verdige	81.20	342	P	P	06 15 04.8	+0.1
RRX	Edison Barstow	81.21	325	P	P	06 15 05.1	+0.2
I38A	Scanlan Farm,	81.25	346	P	P	06 15 05.1	+0.2
J34A	George	81.30	343	P	P	06 15 05.1	-0.1
L29A	Maesberg Ranch	81.31	340	P	P	06 15 05.4	+0.1
DECC	Green Verdugo	81.32	324	P	P	06 15 06.8	+1.2
K31A	O'Neill	81.36	341	P	P	06 15 05.8	+0.2
OXX	Oxford	81.38	222	PFAKE	LR	06 15 20.0	+14
OXX	comp=Z,5um,21.0s			LR	LR		
MXZ	Matakaoa Point	81.43	230	PFAKE	LR	06 15 20.0	+14
MXZ	comp=Z,3um,21.0s			LR	LR		
I37A	Lemond, Waseca	81.44	345	P	P	06 15 05.8	-0.1
GSC	Goldstone, Bar	81.46	325	P	P	06 15 06.6	+0.2
BKZ	Black Stump Fm	81.53	228	eP	P	06 15 17.4	+2.9
BKZ	comp=Z,4um,19.0s			LR	LR		
J33A	Davis	81.57	343	P	P	06 15 06.7	0.0
I36A	Fitzsimmons Fa	81.57	345	P	P	06 15 06.5	-0.1
LTZ	Lake Taylor	81.62	223</				

10d 6h

I27A	Quinn	83.60	340	P	P	06 15 17.3	0.0
H29A	Onida	83.61	341	P	P	06 15 16.9	-0.4
JLU	Jordanelle	83.66	332	eP	P	06 15 18.6	+0.7
JLU	comp=Z,4um,18.0s			LR	LR		
K22A	Casper	83.69	336	P	P	06 15 17.8	-0.1
K22A	Casper	83.69	336	eP	P	06 15 18.1	+0.2
K22A	comp=Z,174nm,1.9s			LR	LR		
E37A	Wrenshall	83.70	347	P	P	06 15 18.1	+0.5
F33A	5 Mile Ranch	83.80	344	P	P	06 15 17.8	-0.3
G30A	Faulkton	83.81	342	P	P	06 15 18.6	+0.4
E36A	McGregor	83.81	346	P	P	06 15 18.1	-0.1
DUG	Dugway, Tooele	83.84	331	eP	Pmax	06 15 19.3	+0.6
DUG	comp=Z,61nm,1.3s						
DUG	Dugway, Tooele	83.84	331	P	P	06 15 18.9	+0.2
DUG	Dugway, Tooele	83.84	331	eP	P	06 15 19.3	+0.6
DUG	comp=Z,61nm,1.3s			LR	LR		
H28A	Mission Ridge	83.88	341	P	P	06 15 19.0	+0.3
F32A	Veblen	84.02	344	P	P	06 15 19.3	0.0
I25A	Rochford	84.05	338	P	P	06 15 19.8	+0.1
G29A	Hoven	84.06	341	P	P	06 15 19.7	+0.1
E35A	Pequot Lakes	84.08	346	P	P	06 15 19.4	-0.1
H27A	Hoves	84.13	340	P	P	06 15 20.0	+0.1
E34A	Wadena	84.19	345	P	P	06 15 20.2	0.0
G28A	Parade	84.22	341	P	P	06 15 20.4	+0.1
RSSD	Black Hills	84.23	338	eP	Pmax	06 15 21.3	+0.6
RSSD	comp=Z,30nm,1.3s						
RSSD	Black Hills	84.23	338	P	P	06 15 20.6	-0.1
RSSD	Black Hills	84.23	338	eP	P	06 15 21.3	+0.6
F31A	Hecla	84.27	343	P	P	06 15 20.6	0.0
D37A	Cotton	84.27	347	P	P	06 15 20.3	-0.2
MLAC	Mammoth, Mammoth	84.30	325	P	P	06 15 20.7	-0.6
H26A	Fairpoint	84.31	339	P	P	06 15 20.7	-0.2
E33A	Westby DABS, E	84.36	344	P	P	06 15 20.8	-0.3
D36A	Goodland	84.43	347	P	P	06 15 20.7	-0.6
F30A	Leola	84.44	342	P	P	06 15 20.8	-0.7
D35A	Remer	84.51	346	P	P	06 15 21.7	0.0
CRZF	Crozet Islands	84.52	145	PFAKE	LR	06 15 30.0	+7.9
CRZF	comp=Z,3um,20.0s			LR	LR		
C39A	Grand Marais	84.52	349	P	P	06 15 21.4	-0.4
BGU	Big Grassy Moun	84.55	331	eP	P	06 15 23.3	+1.0
BGU	comp=Z,49nm,1.5s			LR	LR		
H25A	Fruitdale	84.56	339	P	P	06 15 22.4	+0.3
C38A	Sawbill Land	84.61	348	P	P	06 15 22.1	-0.1
F29A	Eureka	84.64	342	P	P	06 15 22.2	-0.3
NV11	Mina Array Sit	84.64	326	PFAKE	LR	06 15 30.0	+7.1
NV11	comp=Z,2um,18.0s			LR	LR		
E32A	Braaten, Kindr	84.68	344	P	P	06 15 22.4	-0.2
NV01	Mina Array Sit	84.71	326	eP	P	06 15 23.5	+0.2
NVAR	Mina Array Bea	84.71	326	P	P	06 15 23.9	+0.6
NVAR	comp=Z,7.8nm,0.9s,baz=154,slow=5.7,SNR=40			LR	LR		
D34A	Park Rapids	84.74	345	P	P	06 15 22.8	-0.1
G27A	Dupree	84.77	340	P	P	06 15 23.1	-0.1
C37A	Embarrass	84.78	347	P	P	06 15 22.6	-0.5
BW06	Boulder Array	84.84	334	P	P	06 15 23.8	0.0
BW06	Boulder Array	84.84	334	eP	P	06 15 23.3	-0.5
BW06	comp=Z,52nm,1.6s			LR	LR		
PDAR	Pinedale Array	84.84	334	P	P	06 15 24.6	+0.8
PDAR	comp=Z,1.7nm,0.7s,baz=123,slow=5.5,SNR=18			LR	LR		
E31A	Nome	84.84	343	P	P	06 15 23.7	+0.2
SAO	San Andreas Ge	84.85	323	PFAKE	LR	06 15 40.0	+16
SAO	comp=Z,2um,19.0s			LR	LR		
EYMN	Ely	84.87	348	P	P	06 15 23.3	-0.2
EYMN	Ely	84.87	348	eP	P	06 15 23.3	-0.2
EYMN	comp=Z,35nm,1.1s			LR	LR		
G26A	Maurine	84.88	340	P	P	06 15 23.9	+0.2
F28A	McLaughlin	84.90	341	P	P	06 15 24.2	+0.4
C36A	Pine Crest Far	84.92	347	P	P	06 15 23.6	-0.3
D33A	AnnSam, Waubun	84.93	345	P	P	06 15 23.9	0.0
G25A	Newell	85.02	339	P	P	06 15 25.0	+0.5
E30A	Jud	85.03	343	P	P	06 15 24.1	-0.3
H35A	Jirik Farms, M	85.09	346	P	P	06 15 24.4	-0.3
C35A	Hansel Valley	85.18	332	eP	P	06 15 25.5	0.0
HVU	Hansel Valley	85.18	332	eP	P	06 15 25.4	0.0
HVU	comp=Z,50nm,1.3s			LR	LR		
D32A	Dogwood Acres,	85.18	344	P	P	06 15 25.0	-0.1
C34A	RK Ranch, Bem	85.22	346	P	P	06 15 25.1	-0.3
F27A	Lemnor	85.25	340	P	P	06 15 25.6	0.0
D31A	McClaffin, Tow	85.26	344	P	P	06 15 25.7	+0.1
E29A	Napoleon	85.27	342	P	P	06 15 25.3	-0.3
ELK	Elko	85.29	329	P	P	06 15 25.7	-0.5
ELK	comp=Z,6.6nm,0.9s,baz=44,slow=0.7,SNR=19			P	P	06 15 26.5	+0.3
AHID	Auburn Hatcher	85.39	333	eP	P	06 15 27.2	+0.7
AHID	comp=Z,116nm,1.8s			LR	LR		
F26A	Lodgepole	85.41	340	P	P	06 15 26.3	-0.1
C33A	Trail	85.50	345	P	P	06 15 26.8	+0.1
E28A	Huff	85.55	341	P	P	06 15 26.7	-0.3
D30A	Buchanan	85.56	343	P	P	06 15 27.3	+0.2
E27A	Carson	85.64	341	P	P	06 15 27.4	-0.1

2011 JAN

B35A	Bob, Littlefor	85.67	347	P	P	06 15 27.4	-0.1
F25A	Bowman	85.70	339	P	P	06 15 27.9	0.0
D29A	Pettibone, Tap	85.72	342	P	P	06 15 28.1	+0.2
TOCS	Torodi Ar. Sit	85.75	71	PFAKE	LR	06 15 40.0	+11
TOCS	comp=Z,6um,20.0s			LR	LR		
TOC6	Torodi Ar. Sit	85.76	71	PFAKE	LR	06 15 40.0	+11
TOC6	comp=Z,6um,18.0s			LR	LR		
TOB4	Torodi Ar. Sit	85.76	71	PFAKE	LR	06 15 40.0	+11
TOB4	comp=Z,6um,19.0s			LR	LR		
TOC4	Torodi Ar. Sit	85.77	71	PFAKE	LR	06 15 40.0	+11
TOC4	comp=Z,6um,20.0s			LR	LR		
TOB5	Torodi Ar. Sit	85.77	71	PFAKE	LR	06 15 40.0	+11
TOB5	comp=Z,6um,19.0s			LR	LR		
TOC7	Torodi Ar. Sit	85.78	71	PFAKE	LR	06 15 40.0	+11
TOC7	comp=Z,6um,18.0s			LR	LR		
TOAO	Torodi Ar. Sit	85.78	71	eP	P	06 15 28.1	-0.8
TOAO	comp=Z,6um,18.0s			LR	LR		
TORD	Torodi Ar. Bea	85.78	71	P	P	06 15 28.2	-0.7
TORD	comp=Z,27nm,1.2s,baz=240,slow=4.2,SNR=48			LR	LR		
TOA1	Torodi Ar. Sit	85.78	71	PFAKE	LR	06 15 40.0	+11
TOA1	comp=Z,5um,20.2s,baz=250,slow=3.4			LR	LR		
TOB3	Torodi Ar. Sit	85.78	71	PFAKE	LR	06 15 40.0	+11
TOB3	comp=Z,6um,18.0s			LR	LR		
TOB1	Torodi Ar. Sit	85.78	71	PFAKE	LR	06 15 40.0	+11
TOB1	comp=Z,5um,18.0s			LR	LR		
TOB2	Torodi Ar. Sit	85.79	71	PFAKE	LR	06 15 40.0	+11
TOB2	comp=Z,6um,18.0s			LR	LR		
TOC3	Torodi Ar. Sit	85.79	71	PFAKE	LR	06 15 40.0	+11
TOC3	comp=Z,6um,20.0s			LR	LR		
TOC1	Torodi Ar. Sit	85.80	71	PFAKE	LR	06 15 40.0	+11
TOC1	comp=Z,6um,19.0s			LR	LR		
TOC2	Torodi Ar. Sit	85.80	71	PFAKE	LR	06 15 40.0	+11
TOC2	comp=Z,6um,19.0s			LR	LR		
REDW	Red Top Meadow	85.82	334	eP	P	06 15 29.0	+0.3
REDW	comp=Z,24nm,1.1s			LR	LR		
OUZ	Omahuta	85.84	229	PFAKE	LR	06 15 40.0	+11
OUZ	comp=Z,4um,20.0s			LR	LR		
BMN	Battle Mountai	85.87	328	PFAKE	LR	06 15 40.0	+11
BMN	comp=Z,2um,20.0s			LR	LR		
SNOW	Snow King Moun	85.87	334	eP	P	06 15 30.0	+1.0
SNOW	comp=Z,47nm,1.5s			LR	LR		
E26A	Carlson Angus	85.92	340	P	P	06 15 29.3	+0.4
E26A	comp=Z,5um,19.0s			LR	LR		
LOHW	Long Hollow	85.95	334	eP	P	06 15 29.6	+0.3
LOHW	comp=Z,29nm,1.4s			LR	LR		
B33A	Robert and Kas	85.95	345	P	P	06 15 29.2	+0.2
B33A	comp=Z,6um,19.0s			LR	LR		
C31A	Landman Farms,	85.97	344	P	P	06 15 29.0	0.0
C31A	comp=Z,160,SNR=7.9			LR	LR		
B34A	Aery, Baudette	85.97	346	P	P	06 15 29.0	0.0
B34A	comp=Z,160,SNR=7.9			LR	LR		
AGMN	Agassiz Nation	86.04	345	P	P	06 15 29.6	+0.2
AGMN	comp=Z,162,SNR=7.8			LR	LR		
AGMN	Agassiz Nation	86.04	345	eP	P	06 15 28.5	-0.9
AGMN	comp=Z,84nm,1.5s			LR	LR		
AGMN	comp=Z,4um,19.0s			LR	LR		
C30A	Mose, Pekin	86.05	343	P	P	06 15 29.8	+0.3
C30A	comp=Z,160,SNR=13			LR	LR		
PMOZ	Porto Moniz, M	86.08	44	eP	S	06 15 23.4	-6.7
PMOZ	Porto Moniz, M	86.08	44	eS	S	06 25 17.7	+15
PMOZ	comp=Z,4um,20.0s			A	A	06 52 37.7	
D28A	Regan	86.09	342	P	P	06 15 31.1	+0.4
D28A	comp=Z,4um,20.0s			LR	LR		
MOOW	Mooses Pond	86.12	334	eP	P	06 15 31.1	+1.0
MOOW	comp=Z,108nm,2.4s			LR	LR		
MOOW	comp=Z,6um,19.0s			LR	LR		
E25A	Miller Ranch,	86.21	340	P	P	06 15 30.5	+0.1
E25A	comp=Z,156,SNR=9.9			LR	LR		
D27A	Center	86.26	341	P	P	06 15 30.8	+0.3
D27A	comp=Z,157			LR	LR		
B32A	Ashes, Strandg	86.27	345	P	P	06 15 30.2	-0.3
B32A	comp=Z,161,SNR=14			LR	LR		
AFDM	Forest Hills D	86.36	325	eP	P	06 15 32.2	+1.0
AFDM	comp=Z,89nm,2.1s			LR	LR		
AFDM	comp=Z,2um,21.0s			LR	LR		
FLWY	Flagg Ranch	86.39	334	eP	P	06 15 32.7	+1.2
FLWY	comp=Z,39nm,1.1s			LR	LR		
FLWY	comp=Z,6um,18.0s			LR	LR		
XMAS	Kiritimati	86.41	275	PFAKE	LR	06 15 40.0	+7.9
XMAS	comp=Z,5um,22.0s			LR	LR		
D26A	Manning	86.43	341	P	P	06 15 31.9	+0.5
D26A	comp=Z,156,SNR=15			LR	LR		
MDND	Maddock	86.46	343	P	P	06 15 32.0	+0.6
MDND	comp=Z,159			LR	LR		
MDND	Maddock	86.46	343	eP	P	06 15 32.2	+0.8
MDND	comp=Z,104nm,1.0s			LR	LR		
MDND	comp=Z,3um,18.0s			LR	LR		
C28A	Hausauer Farms	86.53	342	P	P	06 15 31.9	+0.1
C28A	comp=Z,158,SNR=5.5			LR	LR		
B31A	Greenbush Farm	86.54	344	P	P	06 15 31.6	-0.2
B31A	comp=Z,160,SNR=5.6			LR	LR		
A33A	Warroad	86.55	346	P	P	06 15 31.7	-0.1
A33A	comp=Z,162,SNR=9.0			LR	LR		

COR	comp=Z,6um,19.0s	Corvallis	91.88 327	PFAKE	LR	06 16 10.0 +13	SSB	Saint Sauveur	106.91 46	PFAKE	LR	06 21 30.0	CLL	comp=Z,5um,20.2s	Colim	114.82 44	PFAKE	LR	06 21 40.0 +11		
COR							SSB						CLL								
E07A	comp=Z,4um,18.0s	Sunnyside	91.98 330	eP	P	06 15 59.1 +1.5	SKAG	Skagway	107.74 332	PFAKE	LR	06 21 30.0	PRA	comp=Z,6um,20.0s	Prague	115.08 45	eSP	AMS	SP	06 32 06.6 +0.4	
D08A	comp=Z,10nm,0.9s	Wollman Farm	92.00 331	eP	P	06 15 58.2 +0.6	CWF	Charnwood Fore	107.98 37	PFAKE	LR	06 21 30.0	HDA	comp=Z,3um,19.5s	Harding Lake	115.09 333	PFAKE	LR	06 21 40.0 +11		
NEW	comp=Z,22nm,1.3s	Newport	92.30 332	P	P	06 15 58.4 -0.7	BNI	Bardonecchia	108.05 47	PFAKE	LR	06 21 30.0	PRU	comp=Z,2um,20.0s	Pruhonica	115.11 45	ePP	eSKS	PP	06 22 23.7 -6.8	
NEW	comp=Z,1.9nm,0.9s,baz=70,slow=18,SNR=2.9	Newport	92.30 332	P	P	06 15 58.8 -0.2	CLTB	Caltabellotta	108.29 57	PFAKE	LR	06 21 30.0	PRU				eSKS	SKKSac	SKKSac	06 28 19.8 +3.3	
NEW	comp=Z,9.5nm,1.2s	Newport	92.30 332	eP	P	06 15 59.2 +0.2	WDD	Wied Dalam	108.31 59	PFAKE	LR	06 21 30.0	PRU				eSKS	SKKSac	SKKSac	06 29 34.5 +4.9	
NEW							WDD						PRU				eSKS	SKKSac	SKKSac	06 30 17.7 +4.8	
C09A	comp=Z,4um,19.0s	Chrisman Ranch	92.36 332	eP	P	06 16 00.3 +1.0	ESK	Eskdalemuir	108.58 35	PFAKE	LR	06 21 30.0	PRU				eSKS	SKKSac	SKKSac	06 32 07.2 +1.4	
LTY	comp=Z,44nm,1.5s	Liberty	92.87 330	PFAKE	LR	06 16 10.0 +8.2	ESK						PRU				eSKS	SKKSac	SKKSac	06 33 27.2 +1.4	
LTY							ESK						PRU				eSKS	SKKSac	SKKSac	06 33 27.2 +1.4	
LON	comp=Z,2um,18.0s	Longmire	92.94 329	eP	P	06 16 02.9 +0.8	SENIN	Lac Senin/Sane	109.11 46	PFAKE	LR	06 21 30.0	BRG	comp=Z,2um,17.7s	Berggiesshubel	115.16 44	ePFI	PP	Pdf	06 17 48.6 +7.3	
LON	comp=Z,12nm,1.1s	Longmire	92.94 329	eP	P	06 16 02.9 +0.8	SENIN						BRG				i	SS	SS	06 22 30.0 -0.8	
LON							VLC	Villacollemand	109.83 50	PFAKE	LR	06 21 30.0	BRG				SKS	SKKSac	SKKSac	06 28 17.0 +0.4	
LON	comp=Z,2um,19.0s	Rabat Centre	93.06 50	PFAKE	LR	06 16 10.0 +7.2	VLC						BRG				SKS	SKKSac	SKKSac	06 29 34.0 +4.2	
RTC	comp=Z,23um,19.0s	Colville Reser	93.22 331	eP	P	06 16 03.7 +0.4	TARA	Tarawa	109.96 257	PFAKE	LR	06 21 30.0	BRG				SKS	SKKSac	SKKSac	06 30 22.0 +8.8	
RTC							TARA						BRG				SKS	SKKSac	SKKSac	06 32 11.0 +4.2	
B08A	comp=Z,36nm,1.5s	Colville Reser	93.22 331	eP	P	06 16 03.7 +0.4	TARA						BRG				SKS	SKKSac	SKKSac	06 33 30.0	
FFC	comp=Z,3um,20.0s	Flin Flon	93.40 344	eP	P	06 16 04.7 +0.8	WLF	Walferdang	110.19 43	PFAKE	LR	06 21 30.0	BRG	comp=Z,6um,18.6s	Berggiesshubel	115.16 44	eP	Pdf	06 17 48.6 +7.3		
FFC							WLF						BRG				i	SS	SS	06 22 30.0	
FFC							TUE	Stuetta	110.38 47	PFAKE	LR	06 21 30.0	BRG				SKS	SKKSac	SKKSac	06 28 17.0	
FFC							TUE						BRG				SKS	SKKSac	SKKSac	06 32 11.0 +4.2	
TAU	comp=Z,3um,20.0s	Tasmania Unive	93.40 209	PFAKE	LR	06 16 20.0 +15	KULLO	Kullorsuaq	110.54 5	i	P	PP	06 22 07.9 +11	BRG			MLR	MLR	MLR	06 38 27.0 +0.6	
TAU							SUMG	Summit	110.68 11	i	P	PP	06 21 50.3 -8.5	BRG	comp=N,3um,19.1s						
MORF	comp=Z,2um,18.0s	Marmete	94.20 46	eP	PP	06 16 18.7 +1.1	SUMG	Summit	110.68 11	PFAKE	LR	06 21 30.0	BRG				MLR	MLR	MLR		
MORF							SUMG						BRG				MLR	MLR	MLR		
NLWA	comp=Z,2um,19.0s	Neilton Lookou	94.31 328	PFAKE	LR	06 16 20.0 +12	BFO	Black Forest	110.73 45	PFAKE	LR	06 21 30.0	GOPC	comp=N,3um,19.1s							
NLWA							NWAO	Narrogin (SRO)	111.00 189	PFAKE	LR	06 21 40.0	GOPC				ePP	PP	PP	06 22 28.9 -2.4	
TAM	comp=Z,2um,19.0s	Tamanrasset	94.50 65	eP	P	06 16 10.5 +0.5	NWAO						GOPC				eSKS	SKKSac	SKKSac	06 28 18.4 +1.4	
TAM							FUORN	Ofenpass-Fuorn	111.00 47	PFAKE	LR	06 21 30.0	GOPC				eSKS	SKKSac	SKKSac	06 29 34.1 +3.7	
PBDV	comp=Z,6um,18.0s	Barranco-do-Ve	94.58 47	eP	PP	06 16 08.8 -1.0	FUORN						GOPC				eSKS	SKKSac	SKKSac	06 30 18.4 +4.6	
PBDV							FUORN						GOPC				eSKS	SKKSac	SKKSac	06 32 08.4 +0.9	
PBDV							CUC	Castrocuco	111.26 56	PFAKE	LR	06 21 30.0	GOPC				eSKS	SKKSac	SKKSac	06 33 22.0 -5.4	
PCVE	comp=Z,5um,19.0s	Castro Verde	94.78 46	eP	PP	06 16 08.5 -1.4	CUC						GOPC				eSKS	SKKSac	SKKSac	06 15 40.0	
PCVE							STU	Stuttgart	111.45 45	PFAKE	LR	06 21 30.0	AGG	comp=E,2um,17.1s	Gielson Array	115.25 333	PKP	PKP	PKP	06 21 29.4 -0.2	
PCVE							STU						AGG				PKP	PKP	PKP	06 32 16.0 +8.5	
PNCL	comp=Z,6um,18.0s	Nicolau / Gran	94.81 46	eP	PP	06 16 07.8 -3.0	STU						AGG				ePP	PP	PP	06 21 40.0 +9.4	
PNCL							STU						RND	comp=E,0.7nm,0.9s,baz=300,slow=4.1,SNR=4.0	Agios Georgios	115.27 59	PFAKE	LR	06 21 40.0 +9.4		
PVAC	comp=Z,2um,19.0s	Vaqueiros	94.81 47	eP	PP	06 16 08.5 -2.3	TIP	Timpagrande	111.50 57	PFAKE	LR	06 21 40.0	RND				ePP	PP	PP	06 21 40.0 +10	
PVAC							TIP						RND				ePP	PP	PP	06 21 40.0 +10	
PVAC							RAGM	Ragged Mountai	112.05 329	PFAKE	LR	06 21 40.0	TREC	comp=Z,2um,18.0s	Trest	115.36 46	ePP	PP	PP	06 22 27.1 -5.2	
PVAC							RAGM						TREC				ePP	PP	PP	06 32 12.0 +3.2	
PGC	comp=Z,6um,20.0s	Sidney	95.12 329	PFAKE	LR	06 16 20.0 +8.1	SCO	Scoresbysund	112.13 16	i	P	PP	06 21 57.4 -11	PVCC	comp=Z,2um,18.4s	Panska Ves	115.36 45	ePP	PP	PP	06 22 27.6 -4.6
PGC							DAWY	Dawson	112.14 334	PFAKE	LR	06 21 40.0	PVCC				ePP	PP	PP	06 32 09.6 +0.9	
PMTG	comp=Z,2um,19.0s	Montargil	95.63 45	eP	P	06 16 09.4 -5.1	DAWY						IDI	comp=Z,4um,19.7s	Anoyia	115.42 64	PFAKE	LR	06 21 40.0 +9.0		
PMTG							BMRM	Bremner River	112.34 330	PFAKE	LR	06 21 40.0	IDI				ePP	PP	PP	06 21 40.0 +9.0	
FCC	comp=Z,2um,19.0s	Fort Churchill	95.72 349	eP	PP	06 16 14.1 -8.9	BMRM						MCK	comp=Z,4um,18.0s	McKinley	115.51 331	PFAKE	LR	06 21 40.0 +10		
FCC							EYAK	Cordova Ski Ar	112.58 329	PFAKE	LR	06 21 40.0	MCK				ePP	PP	PP	06 21 40.0 +10	
FCC							EYAK						CCB	comp=Z,2um,19.0s	Clear Creek Bu	115.53 333	PFAKE	LR	06 21 40.0 +10		
PBAR	comp=Z,2um,19.0s	Barrancos	95.73 46	eP	PP	06 16 13.9 -1.1	HNR	Honiara	112.68 239	PFAKE	LR	06 21 40.0	CCB				ePP	PP	PP	06 21 40.0 +10	
PBAR							HNR						WRH	comp=Z,2um,18.0s	Wood River Hill	115.55 332	PFAKE	LR	06 21 40.0 +10		
PBAR							TRI	Trieste	112.69 49	PFAKE	LR	06 21 40.0	WRH				ePP	PP	PP	06 21 40.0 +10	
PESTR	comp=Z,2um,19.0s	Estremoz	95.76 46	eP	PP	06 16 12.8 -2.8	TRI						ASAR	comp=Z,2um,18.0s	Alice Springs	115.56 208	PKP	PKP	PKP	06 21 31.6 -0.2	
PESTR							TRI						ASAR				PKP	PKP	PKP	06 32 04.1 +0.1	
PCAS	comp=Z,2um,19.0s	Casmilo, Conde	95.86 46	eP	PP	06 16 12.8 -2.8	DIV	Divide	112.90 330	PFAKE	LR	06 21 40.0	ASAR				PKP	PKP	PKP	06 32 04.1 +0.1	
PCAS							DIV						ASAR				PKP	PKP	PKP	06 32 04.1 +0.1	
PCAS							INIK	Inuvik	112.91 339	PFAKE	LR	06 21 40.0	COLA	comp=Z,0.6nm,0.5s,baz=339,slow=2,SNR=11	College	115.66 333	PFAKE	LR	06 21 40.0 +10		
PMRV	comp=Z,2um,20.0s	Marv???	96.35 45	eP	PP	06 16 12.3 -8.1	INIK						LAST	comp=Z,2um,18.0s	Lasithi	115.80 64	PFAKE	LR	06 21 40.0 +8.2		
PMRV							FID	Port Fidalgo	112.99 329	PFAKE	LR	06 21 40.0	LAST				ePP	PP	PP	06 21 40.0 +8.2	
PMRV							FID						MDM	comp=Z,4um,20.0s	Murphy Dome	115.84 333	PFAKE	LR	06 21 40.0 +9.1		
PMRV							CTAO	Charters Tower	113.02 221	PFAKE	LR	06 21 40.0	MDM				ePP	PP	PP	06 21 40.0 +9.1	
PMRV							CTAO						TRF	comp=Z,2um,19.0s	Thorofare Moun	115.90 331	PFAKE	LR	06 21 40.0 +8.8		
MTE	comp=Z,2um,20.0s	Manteigas	96.91 45	eP	P	06 16 13.3 -8.1	GRFO	Grafenberg	113.06 45	PFAKE	LR	06 21 40.0	TRF				ePP	PP	PP	06 21 40.0 +8.8	
MTE							GRFO						UPC	comp=Z,2um,20.0s	Upice	116.19 45	ePP	PP	PP	06 22 37.0 -1.0	
MTE							KLU	Klutina	113.16 330	PFAKE	LR	06 21 40.0	UPC				ePP	PP	PP	06 23 36.9 +0.1	
MTE							KLU						UPC				ePP	PP	PP	06 30 28.7 +6.9	
LHI	comp=Z,7um,19.0s	Lord Howe Isla	97.00 223	PFAKE	LR	06 16 30.0 +10	EGAK	Eagle	113.19 334	PFAKE	LR	06 21 40.0	UPC				ePP	PP	PP	06 32 18.6 +2.4	
LHI							EGAK						UPC				ePP	PP	PP	06 33 37.7	
PGAV	comp=Z,3um,19.0s	Gavieira, Arco	97.54 43	eP	P	06 16 21.5 -1.8	DOT	Dot Lake	113.61 333	PFAKE	LR	06 21 40.0	UPC				ePP	PP	PP	06 33 37.7	
PGAV							DOT						UPC				ePP	PP	PP	06 33 37.7	
PGAV							PAX	Paxson	113.77 332	PFAKE	LR	06 21 40.0	UPC				ePP	PP	PP	06 33 37.7	
PGAV							PAX						UPC				ePP	PP	PP	06 33 37.7	
MVO	comp=Z,8um,20.0s	Moncorvo	97.71 44	eP	PP	06 16 20.6 -3.4	SCM	Sheep Creek Mo	113.91 330	PFAKE	LR	06 21 40.0	KTH	comp=Z,3um,17.5s	Kantishna Hill	116.20 331	PFAKE	LR	06 21 40.0 +8.4		
MVO							SCM						KTH				ePP	PP	PP	06 22 33.5 -5.4	
MVO							SCM						DPC	comp=Z,2um,18.0s	Dobruska-Polom	116.30 46	ePP	PP	PP	06 22 33.5 -5.4	
MVO							SCM														

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KSRS Korea Array, KS01 Wonju Array SI, KSAR Wonju Array Be, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like LZH comp=Z,2um,7.2s, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PAU Pauzhetka, ASAK Asacha, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 34A Guthrie, MSTX Muleshoe, U34A Anderson Ranch, etc.

GUC 10 06:34:04.0, 4.35, 73S:73.73W, h19km, 4km, ML3.7
ISC 10 06:34:12.6, 2.6, 35.83S:05:73.8W, 0.2, h35km, n17,
a1941/22, 1C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COCH Cobquecura, CCSP San Pedro de C, CCHI Chillan, etc.

ISCJB 10 06:50:55.0, 0.7, 35.64S:01:03:73.56W, 0.07, h10km,
mb3.8/6, Error ellipse: s-maj=8.4km s-min=4.3km
az=177.1

NEIC 10 06:50:55.0, 35.67S:73.66W, h38km, MG4.2(GUC), After
GUC.

GUC 10 06:50:55.1, 0.4, 35.67S:73.66W, h38km, 3km, ML4.2
ISC 10 06:50:55.1, 0.4, 35.78S:73.59W, h0km, mb3.8/7,
mb1.3/9, mb1mx3.7/32, mbmt3.8/9, ML3.9/2, Error
ellipse: s-maj=28.8km s-min=18.8km az=86.0

ISC 10 06:50:57.1, 0.9, 35.71S:04:73.52W, 0.07, h10km, n37,
a1959/40, mb3.9/6, 1C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COCH Cobquecura, CCSP San Pedro de C, CCHI Chillan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TORO Torodi Ar, BRTR Keslovo Array B, ZALV Zalesovo Beam, etc.

IDC 10 07:03:39.6, 1.7, 23.22S:70:01W, h0km, mb3.8/2,
mb1.3/8, mb1km1.5/33, mbmt3.6/3, ML3.2/1, Error
ellipse: s-maj=55.9km s-min=17.0km az=154.0
ISCJB 10 07:03:47.5, 0.6, 22.64S:01:04:69W, 0.1, h47km, 8km,
mb3.7/2, Error ellipse: s-maj=15.7km s-min=6.1km
az=10.8

GUC 10 07:03:48.0, 0.3, 22.27S:70:63W, h21km, 3km, ML3.5
ISC 10 07:03:48.1, 1.0, 22.63S:01:05:69W, 0.08, h40km, 9km,
n13, a1907/17, 2D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB04 IPOC Station P, PB07 IPOC Station P, LVC Limon Verde, etc.

IDC 10 07:04:29.4, 4.1, 4.33N-91.38E, h0km, mb3.6/4, mb1.3/7/4,
mb1mx3.3/52, mbmt3.6/4, MS4.3/1, Ms1.4/3/1,
ms1mx3.7/38, Error ellipse: s-maj=148.5km
s-min=29.1km az=59.0, Off west coast of northern
Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H0ES3 Diego Garcia H, H0ES2 Diego Garcia H, H0ES1 Diego Garcia H, etc.

ISCJB 10 07:07:50.9, 0.5, 12.49N:01:06:87.95W, 0.04, h33km,
mb4.4/27, Error ellipse: s-maj=9.7km s-min=4.4km
az=31.6

NEIC 10 07:07:53.0, 5.0, 12.41N-88.27W, h35km, mb4.5/9, Error
ellipse: s-maj=18.3km s-min=8.9km az=215.0

IDC 10 07:07:53.6, 4.6, 12.79N-87.74W, h33km, 36km, mb3.7/10,
mb1.3/9/12, mb1mx3.7/45, mbmt3.8/12, ML3.2/2, Error
ellipse: s-maj=37.7km s-min=20.1km az=46.0

ISC 10 07:07:52.5, 1.4, 12.37N:01:07:88.15W, 0.05, h33km, 5km,
n297, a198/303, mb4.6/27, 1C-1D, Off coast of central
America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CNCH Conchagua, LCA Lacaya, PCY Pacay, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like 635A Leesville, 733A Divot King Ran, 832A Faith Ranch, etc.

Table with columns: ID, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Mansfield, Lossen Ranch, Pawnee, etc.

Table with columns: ID, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Vivian Onida, Miller, Little Creek M, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Chengdu, Warramunga Arr, Kunming, etc.

BRK	Bradley Lake	87.19	30	eP	P	08 48 13.5	-1.0
BPBW	Bear Paw Mtn.	87.40	26	eP	P	08 48 15.4	0.0
COLD	Coldfoot	87.90	23	eP	P	08 48 17.3	-0.3
MCK	McKinley	88.29	26	eP	P	08 48 18.4	-1.2
RND	Reindeer	88.31	27	eP	P	08 48 18.5	-1.3
SYO	Syowa Base	88.49	2011	eP	P	08 48 34.0	+1.4
SML	Sawmill	88.52	28	eP	P	08 48 19.6	-1.2
DHL	Denali Highway	88.98	27	eP	P	08 48 22.8	-0.2
ILAR	Eielson Array	89.19	25	P	P	08 48 21.2	-2.6
BR101	Keskin Array S	89.21	310	eP	P	08 48 22.7	-1.9
BR101	Keskin Array S	89.21	310	eP	P	08 48 41.6	-1.0
BRTR	Keskin Array B	89.21	310	eP	P	08 48 22.7	-1.9
BRTR	Keskin Array B	89.21	310	eP	P	08 48 41.6	-1.0
BUR04	Bucovina Ar. S	94.85	318	eP	P	08 48 48.9	-1.7
STHS	Stebnicka Huta	97.21	320	eP	P	08 48 59.4	-1.7
STHS	Stebnicka Huta	97.21	320	eP	P	08 48 59.4	-1.7
BOSA	Boshof	97.44	241	LR	LR	09 28 20.6	
NOA	North Star	99.83	333	LR	LR	09 38 17.3	
YKA	Yellowknife Ar	103.55	24	PP	PP	08 53 44.0	-1.3
YKA	Yellowknife Ar	103.55	24	PP	PP	09 05 32.8	+0.7
HLID	Hailey	112.25	42	P	PKIKP	08 54 05.0	+0.6
BOZ	Bozeman (W)	113.15	39	P	PKIKP	08 54 07.0	+1.1
EGMT	Eagleton	113.15	36	P	PKIKP	08 54 07.2	+1.4
R11A	Troy Canyon, C	113.43	47	P	PKIKP	08 54 07.1	+0.4
GMRC	Granite Mounta	114.62	51	P	PKPpdf	08 54 09.9	+0.9
DUG	Dugway, Tooele	114.72	44	P	PKPpdf	08 54 09.8	+0.7
U15A	North Rim	116.58	48	ePKPpdf	PKPpdf	08 54 14.0	+1.0
WUAZ	Wupatki	117.62	49	P	PKPpdf	08 54 15.6	+0.6
WUAZ	Wupatki	117.62	49	ePKPpdf	PKPpdf	08 54 15.7	+0.8
O20A	White River Ci	117.89	43	P	PKPpdf	08 54 15.6	+0.2
X16A	Lo Mia Camp, P	118.00	50	ePKPpdf	PKPpdf	08 54 16.4	+0.7
MVCO	Mesa Verde,	119.03	46	P	PKPpdf	08 54 17.3	-0.3
ULM	Lac du Bonnet	119.14	28	PKP	PKPpdf	08 54 15.1	-2.0
TUC	Tucson	119.30	52	P	PKPpdf	08 54 18.5	+0.4
G28A	Parade	119.86	35	P	PKPpdf	08 54 17.8	-0.9
C31A	Landsman Farms,	119.88	31	P	PKPpdf	08 54 17.3	-1.3
TOAD	Torodi Ar. Sit	120.47	286	ePKPpdf	PKPpdf	08 54 19.3	-1.3
TORD	Torodi Ar. Bea	120.47	286	ePKPpdf	PKPpdf	08 54 19.4	-1.2
TOA1	Torodi Ar. Sit	120.47	286	ePKPpdf	PKPpdf	08 54 19.4	-1.2
G30A	Faulton	120.83	34	P	PKPpdf	08 54 19.4	-1.2
J29A	Okreek	121.19	36	P	PKPpdf	08 54 21.1	-0.2
ANMO	Albuquerque	121.52	47	P	PKPpdf	08 54 22.8	+0.4
ANMO	Albuquerque	121.52	47	P	PKPpdf	08 54 22.7	+0.3
ANMO	Albuquerque	121.52	47	ePKPpdf	PKPpdf	08 54 22.9	+0.5
121A	Cookes Peak, D	121.54	50	P	PKPpdf	08 54 23.1	+0.5
T25A	Trinidad	121.96	44	P	PKPpdf	08 54 23.9	-1.0
K32A	Verdige	123.02	35	P	PKPpdf	08 54 23.0	-1.0
ECSD	EROS Data Cent	123.11	34	P	PKPpdf	08 54 23.6	-1.4
M31A	Davis	123.18	34	P	PKPpdf	08 54 23.8	-1.4
J33A	Lambrecht Ranc	123.22	37	P	PKPpdf	08 54 23.5	-1.8
F36A	Milaca	123.32	30	P	PKPpdf	08 54 24.0	-1.3
Q29A	Oakley	123.36	41	P	PKPpdf	08 54 25.3	-0.5
H35A	Sunnyside Ranc	123.44	32	P	PKPpdf	08 54 25.0	-0.6
S28A	Manter	123.45	42	P	PKPpdf	08 54 25.3	-0.6
G36A	St. Michael	123.64	31	P	PKPpdf	08 54 25.1	-0.1
BGNE	Belgrade	123.68	37	P	PKPpdf	08 54 25.1	-1.1
MNTY	Cornudas Mount	123.74	50	ePKPpdf	PKPpdf	08 54 27.0	+0.5
H36A	Jessenland, He	124.00	31	P	PKPpdf	08 54 26.5	-0.1
P31A	Stockton	124.04	39	P	PKPpdf	08 54 26.5	-0.4
I37A	Lemond, Waseca	124.66	32	P	PKPpdf	08 54 27.6	-0.4
MSTX	Muleshoe	124.67	47	P	PKPpdf	08 54 28.1	-0.3
O33A	Hebron	124.83	38	P	PKPpdf	08 54 27.4	-1.0
O30A	WK&E Inc. Balk	124.86	43	P	PKPpdf	08 54 28.7	+0.1
R32A	Long Quarter,	125.09	40	P	PKPpdf	08 54 28.9	-0.1
V31A	Spring Creek L	125.43	43	P	PKPpdf	08 54 31.0	+0.5
Q34A	Chapman	125.92	38	P	PKPpdf	08 54 30.0	-0.1
KSU1	Kansas State U	126.02	38	P	PKPpdf	08 54 30.4	-0.7
W31A	Holland Ranch,	126.06	44	P	PKPpdf	08 54 31.3	+0.4
Y30A	Stafford Cattl	126.06	46	P	PKPpdf	08 54 31.0	0.0
TX31	Lajitas Ar. Si	126.09	52	ePKPpdf	PKPpdf	08 54 30.5	-0.7
TXAR	Lajitas Array	126.09	52	PKP	PKPpdf	08 54 31.1	-0.2
TXAR	Lajitas Array	126.09	52	PKIKP	PKPpdf	08 54 31.1	-0.2
Z30A	Sanderson Ranch	126.19	47	P	PKPpdf	08 54 31.2	-0.1
X31A	McDonald Ranch	126.33	45	P	PKPpdf	08 54 31.1	-0.3
V32A	Arapaho	126.39	43	P	PKPpdf	08 54 32.3	+0.7
Y31A	Rekieta Farm,	126.48	45	P	PKPpdf	08 54 32.0	+0.3
Q35A	Mercer Eighty,	126.52	38	P	PKPpdf	08 54 30.9	-0.3
U34A	Anderson Ranch	127.00	41	P	PKPpdf	08 54 32.5	-0.2
131A	Roby	127.04	47	P	PKPpdf	08 54 32.9	0.0
R35A	Otter Creek Ra	127.06	39	P	PKPpdf	08 54 32.6	-0.1
S36A	Gordon, Harris	127.18	38	P	PKPpdf	08 54 32.3	-0.7
V34A	Guthrie	127.36	42	P	PKPpdf	08 54 33.2	-0.2
Z32A	Haskell	127.37	46	P	PKPpdf	08 54 33.0	-0.5
X31A	Lawton	127.41	44	P	PKPpdf	08 54 34.2	+0.7
Z33A	Bronte	127.46	46	P	PKPpdf	08 54 33.6	-0.1
S36A	Lake Cedric, C	127.49	39	P	PKPpdf	08 54 33.2	-0.4
S30A	J-C Ranch, Com	127.54	50	P	PKPpdf	08 54 34.2	+0.2
U35A	Pawnee	127.57	41	P	PKPpdf	08 54 33.9	+0.1
Y33A	Hilltop Ranch,	127.61	44	P	PKPpdf	08 54 34.2	+0.3
331A	San Angelo	127.68	48	P	PKPpdf	08 54 33.9	-0.2

X34A	Smith Ranch, M	127.83	43	P	PKPpdf	08 54 34.7	+0.4
431A	Sonora	127.85	49	P	PKPpdf	08 54 34.5	0.0
V35A	Meyer Ranch, C	127.85	42	P	PKPpdf	08 54 34.7	+0.4
Q38A	Cooks Store, C	127.92	36	P	PKPpdf	08 54 33.6	-0.7
S37A	Fort Scott	127.94	38	P	PKPpdf	08 54 33.7	-0.7
P39A	Salisbury	128.08	35	P	PKPpdf	08 54 33.8	-0.8
133A	Hamilton Ranch	128.14	46	P	PKPpdf	08 54 35.3	+0.3
531A	Rocksprings	128.14	50	P	PKPpdf	08 54 35.5	+0.4
332A	Millersview	128.16	48	P	PKPpdf	08 54 35.4	+0.4
Q39A	Willow Grove F	128.24	36	P	PKPpdf	08 54 34.3	-0.6
631A	Perdido Creek	128.47	51	P	PKPpdf	08 54 35.8	+0.2
JCT	Junction City	128.56	49	P	PKPpdf	08 54 36.1	+0.2
U37A	Salina	128.59	40	P	PKPpdf	08 54 35.9	+0.2
133A	Richland Sprin	128.75	48	P	PKPpdf	08 54 35.9	-0.2
334A	White-Moore Ra	128.76	46	P	PKPpdf	08 54 35.6	+0.4
V37A	Hulbert	128.89	40	P	PKPpdf	08 54 36.4	+0.1
S39A	Bolivar	128.91	37	P	PKPpdf	08 54 36.0	-0.3
433A	Art	128.95	48	P	PKPpdf	08 54 36.4	-0.2
R40A	Maddies Statio	129.15	36	P	PKPpdf	08 54 35.9	-0.8
344A	Lometa	129.29	47	P	PKPpdf	08 54 37.4	+0.2
832A	Faith Ranch, C	129.46	52	P	PKPpdf	08 54 38.4	+0.8
636A	Smothers Creek	131.12	49	P	PKPpdf	08 54 42.5	+1.9
736A	Circle Diamond	131.37	49	P	PKPpdf	08 54 43.2	+2.1
TGUH	Teguicualpa,Un	146.32	63	ePKPpdf	PKPpdf	08 55 10.4	-0.3
JTS	JuntasAbangare	149.81	68	ePKPpdf	PKPpdf	08 55 19.1	-0.2
HDC	Heredia	150.69	68	ePKPpdf	PKPpdf	08 55 22.5	+1.0
CPUP	Villa Florida	154.71	179	PKPpdf	PKPpdf	08 55 28.8	-1.0

ISK 10 08:44:29.9,39°6'1N,34°18'E,h6km,MD3.0
 CSEM 10 08:44:30.6,0.2,39°62'N,34°15'E,h10km,MD2.8,Error
 ellipse: s-maj=5.5km s-min=4.4km az=160.0
 DDA 10 08:44:30.5,39°6'4N,34°17'E,h1km,MD2.8
 ISC 10 08:44:30.4-0.9,39.63N,0.03-34.17E,0.02,8h8km,8km,
 n34,0840/51,Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
CDAG	Cicekdag	0.15	93	iP	Pg	08 44 33.7 0.0
CDAG	Cicekdag	0.15	93	iS	Pg	08 44 33.8 -0.2
CDAG	Cicekdag	0.15	93	Pg	Pg	08 44 33.7 0.0
CDAG	Cicekdag	0.15	93	Sg	Pg	08 44 33.5 0.2
KAMT	Kaman	0.44	234	ePg	Sg	08 44 49.0 -0.1
KAMT	Kaman	0.44	234	eSg	Sg	08 44 45.6 +0.8
KAMT	Kaman	0.44	234	ePg	Sg	08 44 39.0 -0.1
KAMT	Kaman	0.44	234	eSg	Sg	08 44 45.7 +0.8
CORM	Corum	0.65	33	ePg	Sg	08 44 43.0 0.0
CORM	Corum	0.65	33	eSg	Sg	08 44 43.0 0.0
CORM	Corum	0.65	33	ePg	Sb	08 44 43.0 -0.4
CORM	Corum	0.65	33	eSg	Sb	08 44 43.7 -1.1
YAYX	Yaylak	0.75	202	ePg	Pg	08 44 46.2 +0.1
YAYX	Yaylak	0.75	202	ePg	Pg	08 44 46.2 +0.1
BBAL	Bala	0.82	264	iS	Sb	08 44 57.8 -0.4
BBAL	Bala	0.82	264	Pg	Sb	08 44 46.2 +0.1
BBAL	Bala	0.82	264	Sb	Sb	08 44 57.8 -0.4
SERE	Sereflikochisa	0.83	215	ePg	Pg	08 44 46.5 +0.1
SERE	Sereflikochisa	0.83	215	ePg	Pg	08 44 46.5 +0.1
AFSR	AF ar-Bala (A	0.87	258	ePg	Pg	08 44 46.5 +0.1
AFSR	AF ar-Bala (A	0.87	258	ePg	Pg	08 44 46.7 +0.5
YOZ	Yozgat	0.89	89	ePg	Pg	08 44 47.4 0.0
YOZ	Yozgat	0.89	89	ePg	Pg	08 44 47.4 0.0
AVNS	Nevesehir-Avano	0.98	147	iS	Pg	08 44 49.2 +0.1
AVNS	Nevesehir-Avano	0.98	147	iS	Sb	08 45 02.6 -0.1
AVNS	Nevesehir-Avano	0.98	147	iS	Pg	08 44 49.2 +0.1
AVNS	Nevesehir-Avano	0.98	147	iS	Sb	08 45 02.6 -0.1
ELDT	Eldivan	1.03	326	iS	Pg	08 44 50.0 -0.3
ELDT	Eldivan	1.03	326	iS	Sg	08 45 05.8 -0.3
ELDT	Eldivan	1.03	326	Pg	Pg	08 44 50.0 -0.3
ELDT	Eldivan	1.03	326	Sg	Pg	08 45 05.8 -0.3
KKUL	Konya-Kulu	1.08	245	iS	Pg	08 45 07.4 +0.3
KKUL	Konya-Kulu	1.08	245	iS	Pg	08 45 07.4 +0.3
KKUL	Konya-Kulu	1.08	245	Pg	Pg	08 44 51.0 -0.1
KKUL	Konya-Kulu	1.08	245	Sg	Pg	08 45 07.4 +0.3
LOD	Lodumlu	1.12	284	ePN	Pb	08 44 52.3 +0.3
LOD	Lodumlu	1.12	284	ePN	Pb	08 44 52.3 +0.3
GULA	Galugac	1.29	178	ePN	Pb	08 44 54.3 -0.5
GULA	Galugac	1.29	178	ePN	Pb	08 44 54.3 -0.5
GULA	Galugac	1.29	178	ePN	Pb	08 44 54.3 -0.5
TOS	Tosya	1.41	355	ePN	Pb	08 44 57.2 +0.2
TOS	Tosya	1.41	355	ePN	Pb	08 44 57.2 +0.2
SULT	Sultanhanı-AKS	1.52	200	ePN	Pb	08 44 58.1 +0.1
SULT	Sultanhanı-AKS	1.52	200	ePN	Pb	08 44 58.1 +0.1
CUSAR	Sarkisla-SIVAS	1.62	97	iS	Pg	08 45 09.4 +0.4
CUSAR	Sarkisla-SIVAS	1.62</				

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like Jackson Bay, Wanaka, Earningscleugh, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like Tory Channel, Cape Campbell, Kahutara, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like Black Stump Fm, Tolley Road, Cape Kidnapper, etc.

ISCJB 10 09:03:26.0, 3.41, 215.0, 172.51E, 0.16, h21km, 3km, mb3.6/3, Error ellipse: s-maj=8.7km s-min=3.4km az=42.1

WEL 10 09:03:29.1, 0.2, 41.26S, 172.59E, h209km, 1km, ML4.4/21, Error ellipse: s-maj=1.8km s-min=1.7km az=0.0

ISC 10 09:03:27.4, 0.8, 41.19S, 0.05, 172.51E, 0.05, h216km, 5km, n201, -0.83/214, mb3.6/3, 28C-13D, South Island

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like Quartz Range, Tophouse, Nelson, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like Tory Channel, Cape Campbell, Kahutara, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Time, Res, ISC, h, m, s, ISC. Includes stations like Black Stump Fm, Tolley Road, Cape Kidnapper, etc.

Table with columns: CHN2, Minshiang, 1.03 270 eP, Pb, 09 49 10.3 -0.1, etc. Includes various station names and coordinates.

Table with columns: LVC, Limon Verde, 3.43 175 P, Pn, 09 55 26.5 +0.9, etc. Includes various station names and coordinates.

Table with columns: Y36A, Durant, 58.75 334 P, P, 10 04 20.7 -0.1, etc. Includes various station names and coordinates.

IDC 10 09:50:59.9-1.7, 27.28N x 143.29E, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.4/4.3, mbtmp3.4/4, ML3.4/-1, Error ellipse: s-maj=29.6km s-min=23.7km az=52.0, Bonin Islands region

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

GUC 10 09:53:23.2-0.4, 35.66S x 73.55W, h33km, 3km, ML3.9, ISC 10 09:53:23.4-2.3, 35.568S x 0.06:73.5W+0.1, h2km, 20km, n16, r134/21, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cobquecura, San Pedro de C, etc.

ISCJB 10 09:54:30.9-0.5, 19.01S x 0.04:69.15W+0.06, h93km, 5km, mb4, 6/52, Error ellipse: s-maj=9.0km s-min=6.9km az=156.2

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

GUC 10 09:54:33.2-0.4, 19.17S x 69.51W, h104km, 3km, ML5.0, IDC 10 09:54:34.5-0.6, 19.04S x 69.08W, h107km, 4km, mb4.0/12, Mb1 4.2/15, mb1mx4.0/30, mbtmp4.4/15, MS2.6/2, Ms1 2.8/2, ms1mx2.7/30, Error ellipse: s-maj=16.5km s-min=13.8km az=49.0

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

NEIC 10 09:54:34.8-0.7, 19.10S x 69.05W, h111km, 6km, mb4.7/48, Error ellipse: s-maj=8.1km s-min=5.7km az=64.0

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

NEIC Felt (III) at Cuya and laique; (II) at Arica. BUJ 10 09:54:36.9, 19.00S x 68.90W, h119km, mb5.1/4, ISC 10 09:54:38.0-0.5, 19.18S x 0.04:69.23W+0.07, h104km, 4km, n442, r06/83/455, mb4.6/35, 3C-3D, Northern Chile

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

ISCJB 10 09:54:30.9-0.5, 19.01S x 0.04:69.15W+0.06, h93km, 5km, mb4, 6/52, Error ellipse: s-maj=9.0km s-min=6.9km az=156.2

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

GUC 10 09:54:33.2-0.4, 19.17S x 69.51W, h104km, 3km, ML5.0, IDC 10 09:54:34.5-0.6, 19.04S x 69.08W, h107km, 4km, mb4.0/12, Mb1 4.2/15, mb1mx4.0/30, mbtmp4.4/15, MS2.6/2, Ms1 2.8/2, ms1mx2.7/30, Error ellipse: s-maj=16.5km s-min=13.8km az=49.0

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

NEIC 10 09:54:34.8-0.7, 19.10S x 69.05W, h111km, 6km, mb4.7/48, Error ellipse: s-maj=8.1km s-min=5.7km az=64.0

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

T32A	Huddler Ranch, baz=148	62.66	334	P	P	10 04 46.7	-0.7
P38A	Dawn baz=154	62.75	339	P	P	10 04 47.2	-0.7
Q36A	Arnold C. Orve baz=152	62.84	337	P	P	10 04 47.6	-0.9
T31A	Randall Ranch, baz=147	62.91	333	P	P	10 04 48.4	-0.7
R34A	Isabella, Hill baz=159	62.94	335	P	P	10 04 48.3	-0.9
Q35A	Mercer Eighty, baz=151,SNR=6.0	62.96	337	P	P	10 04 48.5	-0.8
Q39A	Kirkville baz=155	62.99	340	P	P	10 04 48.4	-1.0
P37A	Lathrop baz=153,SNR=5.3	63.00	338	P	P	10 04 48.6	-0.9
S32A	Newby Ranch, P baz=148	63.11	334	P	P	10 04 50.0	-0.3
Q38A	Galt baz=154	63.18	339	P	P	10 04 49.7	-1.0
R33A	Olander Ranch, baz=149	63.24	335	P	P	10 04 50.5	-0.7
S31A	Mullinville baz=148	63.27	333	P	P	10 04 50.6	-0.8
121A	Cookes Peak, D baz=139	63.28	324	P	P	10 04 51.8	0.0
P36A	Good Intent, A baz=152	63.33	338	P	P	10 04 50.6	-1.1
Q34A	Chapman baz=150	63.36	336	P	P	10 04 51.2	-0.8
KSU1	Kansas State U baz=151	63.39	336	P	P	10 04 51.4	-0.8
O37A	Wolven Farm, M baz=153	63.44	339	P	P	10 04 51.4	-1.0
P35A	Duane Minner, baz=152	63.54	337	P	P	10 04 52.0	-1.2
N39A	Derby Farms, D baz=155	63.54	340	P	P	10 04 51.8	-1.3
R32A	Long Quarter, baz=149	63.63	334	P	P	10 04 53.5	-0.3
T29A	Hugoton baz=146	63.67	332	P	P	10 04 52.8	-1.3
O36A	Bolkow baz=153	63.70	338	P	P	10 04 52.6	-1.5
N38A	Joos South For baz=154	63.70	340	P	P	10 04 53.2	-0.9
Q33A	Connely Farm, baz=150	63.77	335	P	P	10 04 54.4	-0.3
R31A	Burdett baz=148	63.85	334	P	P	10 04 54.3	-0.9
P34A	Walnut Farm, R baz=151,SNR=7.2	63.86	336	P	P	10 04 54.7	-0.5
S29A	Ulysses baz=146	63.98	332	P	P	10 04 55.7	-0.5
N37A	Lee Faris, Mou baz=154,SNR=13	64.01	339	P	P	10 04 55.5	-0.5
LPM	Los Pinos Moun	64.01	326	eP	P	10 04 57.1	+0.6
Q32A	Meitler Ranch, baz=149,SNR=6.4	64.05	335	P	P	10 04 55.9	-0.7
P33A	Williams Farm, baz=150	64.09	336	P	P	10 04 56.3	-0.5
R30A	Dighton baz=147	64.17	333	P	P	10 04 56.6	-0.7
M38A	Pleasantville baz=155	64.25	340	P	P	10 04 56.6	-1.2
S28A	Manter baz=145,SNR=7.2	64.30	332	P	P	10 04 57.8	-0.5
N36A	Muff Farm, Cia baz=153,SNR=6.8	64.30	339	P	P	10 04 57.4	-0.7
O34A	Beatrice baz=151	64.36	337	P	P	10 04 57.9	-0.7
CBK5	Cedar Bluff baz=148	64.38	334	P	P	10 04 57.9	-0.8
ANMO	Albuquerque baz=141	64.40	327	P	P	10 04 58.8	-0.4
ANMO	Albuquerque comp=Z,49nm,2.5s	64.40	327	eP	P	10 04 59.6	+0.5
Q31A	Ellis baz=148	64.40	334	P	P	10 04 58.0	-0.8
M37A	Trindler Farm, baz=154	64.52	340	P	P	10 04 58.7	-0.8
N35A	Tabor baz=152,SNR=6.5	64.58	338	P	P	10 04 59.2	-0.7
O33A	Hebron baz=150,SNR=8.1	64.61	336	P	P	10 04 59.9	-0.2
P32A	Hutting Farm, baz=149	64.61	335	P	P	10 04 59.6	-0.5
R29A	Marienthal baz=146	64.65	333	P	P	10 04 59.8	-0.7
Q30A	Quinter baz=147,SNR=5.6	64.72	334	P	P	10 05 01.0	0.0
JFW5	Jewell Farm comp=Z,12nm,0.5s	64.75	343	eP	P	10 05 00.1	-0.8
M36A	Felix, Anita baz=153	64.82	339	P	P	10 05 00.8	-0.7
L38A	Oak Wood Farm, baz=155	64.83	341	P	P	10 05 00.6	-0.9
P31A	Stockton baz=148,SNR=6.7	64.84	335	P	P	10 05 01.2	-0.4
TUC	Tucson baz=136	64.84	322	P	P	10 05 01.6	-0.2
N34A	Lincoln baz=151,SNR=7.5	64.87	337	P	P	10 05 01.1	-0.7
R28A	Tribune baz=146	64.88	332	P	P	10 05 01.4	-0.6
Q29A	Oakley baz=147	64.97	333	P	P	10 05 02.5	-0.1
O32A	Brockman Farm, baz=159	65.03	336	P	P	10 05 02.3	-0.6
L37A	Phoenix Point, baz=154	65.07	340	P	P	10 05 01.9	-1.2
T25A	Trinidad baz=143	65.10	329	P	P	10 05 03.8	+0.2
G30A	Trinidad comp=Z,35nm,2.1s	65.10	329	eP	P	10 05 04.1	+0.4
N33A	J Bar K, Exete baz=150	65.13	337	P	P	10 05 02.8	-0.7
M35A	Neola baz=152	65.13	338	P	P	10 05 03.0	-0.4
P30A	Selden baz=148	65.21	334	P	P	10 05 03.5	-0.6
K38A	Parkersburg baz=155	65.23	341	P	P	10 05 02.8	-1.3
L36A	Harm Buss Farm baz=153,SNR=5.5	65.35	339	P	P	10 05 04.2	-0.7
O31A	Woolen Ranch, baz=148	65.35	335	P	P	10 05 04.9	-0.1
M34A	Aspy Farms, Fr baz=151	65.48	338	P	P	10 05 05.3	-0.5
Q28A	Sharon Springs baz=146	65.48	333	P	P	10 05 06.0	0.0
K37A	Beimond baz=154	65.61	340	P	P	10 05 05.1	-1.4
L35A	Bielow Farm, R baz=159	65.66	339	P	P	10 05 05.5	-1.3
O30A	NW Ranch, Wils baz=148	65.67	334	P	P	10 05 06.0	-1.1
J38A	Wedel Dairy, R baz=156	65.76	342	P	P	10 05 06.0	-1.4
K36A	Gilmore City, baz=154	65.76	340	P	P	10 05 06.3	-1.2
M33A	Taylor Creek F baz=151	65.76	337	P	P	10 05 06.5	-1.0
KSC0	Kaye Shedlock baz=145	65.79	332	P	P	10 05 07.0	-0.9
214A	Organ Pipe Nat baz=134	65.80	320	P	P	10 05 07.6	-0.4
L34A	Svendsen Farm, baz=153,SNR=7.1	65.81	338	P	P	10 05 07.1	-0.8
O29A	4D Ranch, Culb baz=147	65.93	334	P	P	10 05 09.2	+0.4
BGNE	Belgrade baz=150,SNR=9.4	65.97	337	P	P	10 05 08.9	-0.1
BGNE	Belgrade comp=Z,48nm,0.8s	65.97	337	eP	P	10 05 08.5	-0.4
J37A	Redenius Farm, baz=155	66.08	341	P	P	10 05 08.5	-1.1
K35A	Storm Lake baz=153	66.09	339	P	P	10 05 09.2	-0.4
SDCO	Great Sand Dun baz=142,SNR=10	66.11	329	P	P	10 05 10.6	+0.4
SDCO	Great Sand Dun comp=Z,8.0nm,0.8s	66.11	329	eP	P	10 05 10.6	+0.4
M31A	Lambrecht Ranc baz=149	66.23	336	P	P	10 05 10.9	+0.3
J36A	Seneca I, Swea baz=154	66.34	340	P	P	10 05 09.9	-1.3
I38A	Scanlan Farm, baz=153	66.37	342	P	P	10 05 10.9	-0.5
K33A	Hardington baz=156,SNR=6.6	66.60	338	P	P	10 05 12.4	-0.4
S22A	4UR Ranch, Cre baz=151	66.76	328	P	P	10 05 14.4	0.0
S22A	4UR Ranch, Cre comp=Z,64nm,2.5s	66.76	328	eP	P	10 05 15.4	+1.0
L31A	Butterfield Fa baz=149,SNR=6.9	66.90	336	P	P	10 05 15.0	+0.2
Q24A	Divide baz=143,SNR=5.7	66.91	330	P	P	10 05 15.4	+0.1
Q24A	Divide comp=Z,6.3nm,0.8s	66.91	330	eP	P	10 05 15.9	+0.6
K32A	Vergere baz=150	66.99	337	P	P	10 05 14.8	-0.6
H37A	Dierke Farm, C baz=156	67.21	338	P	P	10 05 16.3	-0.4
J33A	Davis baz=151,SNR=7.9	67.25	337	P	P	10 05 16.0	-1.1
K31A	O'Neill baz=150	67.25	341	P	P	10 05 16.7	-0.8
H36A	Jessenland, He baz=157	67.34	341	P	P	10 05 16.7	-0.8
L29A	Maesberg Ranch baz=148	67.43	335	P	P	10 05 17.3	-1.0
ECSD	EROS Data Cent baz=148	67.45	339	P	P	10 05 17.1	-1.2
ECSD	EROS Data Cent comp=Z,20nm,1.5s	67.45	339	eP	P	10 05 17.5	-0.7
WU4Z	Wupatki baz=137	67.49	324	P	P	10 05 19.9	+1.0
J32A	Parkton baz=151	67.57	338	P	P	10 05 18.1	-0.9
SPMN	Marine on St. baz=156	67.59	342	P	P	10 05 17.5	-1.6
K30A	Basore baz=149	67.62	336	P	P	10 05 18.9	-0.4
H35A	Sunnyside Ranc baz=154	67.73	341	P	P	10 05 18.9	-1.1
ISCO	Idaho Springs baz=154	67.79	330	P	P	10 05 20.6	-0.3
ISCO	Idaho Springs comp=Z,67nm,3.0s	67.79	330	eP	P	10 05 21.1	+0.3
L28A	Connealy Angus baz=147	67.80	335	P	P	10 05 21.1	+0.5
J31A	Geddes baz=150	67.82	337	P	P	10 05 20.4	-0.1
SMCO	Snowmass baz=157	67.95	329	eP	P	10 05 22.9	+0.9
K29A	Laz Trails An baz=148	67.96	336	P	P	10 05 21.6	0.0
H34A	Spellman Lake, baz=153	68.00	340	P	P	10 05 21.0	-0.7
I32A	Karley and Nic baz=154	68.01	338	P	P	10 05 21.0	-0.7
G35A	Watkins baz=154	68.09	341	P	P	10 05 20.9	-1.3
J30A	Dallas baz=149	68.13	337	P	P	10 05 21.6	-0.9
H33A	Prehn Over Nor baz=152	68.33	339	P	P	10 05 22.7	-1.1
K28A	Ten Mile Ranch baz=157	68.33	335	P	P	10 05 24.6	+0.7
DBIC	Dimbokro comp=Z,2.5nm,0.5s,baz=232,slow=7.1,SNR=5.6	68.38	74	P	P	10 05 23.5	-1.2
F36A	Milaca baz=155	68.38	342	P	P	10 05 22.7	-1.3
I31A	Rotz Wessing baz=150,SNR=5.3	68.39	338	P	P	10 05 24.2	+0.1
H32A	Carlson Farm, baz=151	68.41	339	P	P	10 05 22.6	-1.7
J29A	Okreek baz=148,SNR=5.8	68.51	336	P	P	10 05 24.6	-0.3
BC3	Big Chuckwall baz=133	68.58	320	P	P	10 05 25.1	-0.6
I30A	Oacoma baz=147	68.61	337	P	P	10 05 24.8	-0.7
MONP	Monument Peak baz=132	68.66	318	P	P	10 05 27.5	+1.2
G33A	Ortonville baz=152	68.69	340	P	P	10 05 24.9	-1.0
F35A	Swanville baz=154	68.69	341	P	P	10 05 24.9	-1.1
IRM	Iron Mountain baz=133	68.73	320	P	P	10 05 27.3	+0.8
N23A	Red Feather La baz=143	68.81	331	P	P	10 05 27.6	+0.5
N23A	Red Feather La comp=Z,87nm,2.6s	68.81	331	eP	P	10 05 27.9	+0.7
J28A	Allard Ranch, baz=147,SNR=8.1	68.88	336	P	P	10 05 27.6	+0.4
I29A	Vivian Onida baz=148	69.03	336	P	P	10 05 27.3	-0.8
J27A	Elkhorn Farm, baz=147,SNR=8.2	69.24	335	P	P	10 05 29.3	+1.0
F33A	5 Mile Ranch, baz=152	69.24	340	P	P	10 05 28.2	-0.9
E35A	Pequot Lakes baz=154	69.27	342	P	P	10 05 28.4	-1.1
C39A	Grand Marais baz=159	69.28	345	P	P	10 05 28.3	-1.2
O20A	White River Ci baz=140	69.31	329	P	P	10 05 28.6	-1.5
O20A	White River Ci comp=Z,7.7nm,0.9s	69.31	329	eP	P	10 05 30.4	+0.3
I28A	Midland baz=148	69.34	336	P	P	10 05 29.0	-1.1
GMRC	Grant Mounta baz=133	69.47	320	P	P	10 05 30.2	-1.0
H29A	Onida baz=149	69.51	337	P	P	10 05 30.7	-0.4
J26A	Sides Ranch, S baz=149	69.53	334	P	P	10 05 32.2	+1.0
G30A	Faulkton baz=150	69.56	338	P	P	10 05 31.4	+0.1
E33A	Westby DABS, E baz=153	69.71	341	P	P	10 05 31.2	-1.1
C37A	Embarrass baz=157	69.72	344	P	P	10 05 31.2	-1.0
EYMN	Ely baz=157	69.74	344	P	P	10 05 31.2	-1.1
I27A	Quinn baz=147	69.74	335	P	P	10 05 31.7	-0.9
H28A	Mission Ridge baz=148,SNR=6.1	69.86	336	P	P	10 05 33.2	0.0
F31A	Hecla baz=151,SNR=7.4	69.88	339	P	P	10 05 32.7	-0.6
J25A	Sunshine Ranch baz=145	69.89	334	P	P	10 05 32.6	-0.9
HEC	Hector,Ludlow baz=142	69.90	320	P	P	10 05 33.5	-0.3
C36A	Pine Crest Far baz=156	69.92	343	P	P	10 05 32.2	-1.2
P18A	Preston Nutter comp=Z,7nm,0.7s	69.92	327	eP	P	10 05 35.1	+1.0
D34A	Park Rapids baz=154	69.98	341	P	P	10 05 33.3	-0

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like AFI, AF1, DZM, URZ, etc.

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

NNC 10 09:58:01.2-1.7, 44.05N-81.95E, h0km, mb2.9, mpv2.5, Error ellipse: s-maj=20.5km s-min=4.2km az=125.0

Error ellipse: s-maj=13.0km s-min=5.5km az=136.0, ISCJB 10 21:45.0, 0.2, 17.03S:0.08:174.74W:0.07, h250km, mb4.6/46, Error ellipse: s-maj=13.1km s-min=6.2km az=141.5

BUJ 10 21:44.4, 4.7:38S:175.11W, h230km, mb5.0/10, mB5.3/4

ISC 10 21:47.3:0.5, 16.80S:0.09:174.9W:0.1, h256km, n147, s1505/147, mb4.8/46, Tonga Islands

ISC 10 21:47.3:0.5, 16.80S:0.09:174.9W:0.1, h256km, n147, s1505/147, mb4.8/46, Tonga Islands

ISC 10 21:47.3:0.5, 16.80S:0.09:174.9W:0.1, h256km, n147, s1505/147, mb4.8/46, Tonga Islands

Main table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WRA, AS01, ASAJ, etc.

Main table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WRA, ASAJ, ASB, etc.

Main table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WRA, ASAJ, ASB, etc.

ISC 10 21:07.7:2.4, 54.12N-86.44E, h0km, mb1 3.6/2, mb1mx3.1/4, mbtmp3.6/2, ML3.4/2, Error ellipse: s-maj=19.6km s-min=12.1km az=59.0, Southwestern Siberia

ISC 10 21:07.7:2.4, 54.12N-86.44E, h0km, mb1 3.6/2, mb1mx3.1/4, mbtmp3.6/2, ML3.4/2, Error ellipse: s-maj=19.6km s-min=12.1km az=59.0, Southwestern Siberia

ISC 10 21:07.7:2.4, 54.12N-86.44E, h0km, mb1 3.6/2, mb1mx3.1/4, mbtmp3.6/2, ML3.4/2, Error ellipse: s-maj=19.6km s-min=12.1km az=59.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like H46RU, ZALV, KURBB, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TX31, TXAR, ANMO, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like CD2, H27A, H27B, etc.

ISC 10 21:38.9:1.3, 16.96S:174.62W, h183km, 12km, mb3.9/13, mb1 4.2/15, mb1mx4.0/45, mbtmp4.5/15, Error ellipse: s-maj=18.4km s-min=8.9km az=132.0

ISC 10 21:38.9:1.3, 16.96S:174.62W, h183km, 12km, mb3.9/13, mb1 4.2/15, mb1mx4.0/45, mbtmp4.5/15, Error ellipse: s-maj=18.4km s-min=8.9km az=132.0

ISC 10 21:38.9:1.3, 16.96S:174.62W, h183km, 12km, mb3.9/13, mb1 4.2/15, mb1mx4.0/45, mbtmp4.5/15, Error ellipse: s-maj=18.4km s-min=8.9km az=132.0

NEIC 10 21:41.2:1.0, 16.86S:174.73W, h200km, 9km, mb4.8/28, Error ellipse: s-maj=18.4km s-min=8.9km az=132.0

NIED 10 10:24:00,23.70N,143.80E,h74km,Mw5.8 Best double couple...

ISCJB 10 10:24:17.9,0.4,23.16N,0.02,143.17E,0.02,h72km,3km...

MOS 10 10:24:18.9,0.9,23.09N,0.63,143.06E,h83km,m5.6/91...

NEIC 10 10:24:21.0,0.6,23.08N,143.17E,h87km,5km,m5.7/210...

NEIC Recorded [1 JMA] in the Chichijima-retto and Hahajima-retto.

IDC 10 10:24:20.7,0.4,23.10N,143.15E,h88km,3km,m5.0/47...

BUI 10 10:24:21.4,23.53N,142.90E,h74km,m5.3/83,m5.5/51...

GCMT 10 10:24:21.0,0.1,23.25N,143.12E,h92km,MW5.6/127...

JMA Feil J1

ISC 10 10:24:20.7,0.2,23.16N,0.003,143.15E,0.003,h87km,1km...

Volcano Islands region

JHHJ Haha-jima-NKT 3.57 346 Op Pn

CBIJ Chichi jima 4.02 348 U Pn

CBIJ Chichi jima 4.02 348 ePn Pn

CBIJ Chichijima 4.02 348 S Pn

CJJC 10 10:24:23.6,0.1,23.72N,143.82E,h147km,1km,M6.0

SARN Sarigan 6.88 159 ePn Pn

ANAZ Anatahan 7.20 149 ePn Pn

GUMO Guam 9.66 170 P Pn

GUMO Guam 9.66 170 P Pn

GUMO Guam 9.66 170 P Pn

JHCJ Hachijojimakas 10.31 344 P Pn

JHJ2 Mitsune 10.34 344 P Pn

JHJ2 Mitsune 10.34 344 ePn Pn

JHJ2 Chichijima 10.36 344 P Pn

JHJ 112nm,0.3s,baz=74,slow=22,SNR=6.5

JMZ Minamidaito 2 11.19 286 P Pn

BSO1 Boso 1 11.61 351 U Pn

TKO1 Tokai 1 11.64 336 P Pn

BSO3 Boso 3 11.83 349 P Pn

TT01 TONANKAI O.B.S 11.83 333 P Pn

BSO4 Boso 4 12.04 349 P Pn

JWZ Kozaga 12.23 329 P Pn

JIE Ise 12.53 335 P Pn

JHMK Hamakita 12.53 339 P Pn

JOD2 Odawara 2 12.57 345 S Pn

HMMJ Hamamatsu 2 12.58 339 P Pn

JNY Yasuoku 13.00 340 P Pn

JHU Hanno 13.09 346 S Pn

JAO Obara 13.11 338 P Pn

INU Inuyama 13.27 338 ePn Pn

JYT Yasato 13.27 350 P Pn

JTO Toyashimizu 13.29 319 P Pn

JRY Ryogamisan 13.33 345 S Pn

JHO Hitachi 13.59 351 P Pn

JAG Ashikaga 13.60 347 P Pn

JOW Kumigami 13.90 288 P Pn

MJAR Matsuhiro Arr 14.01 343 P Pn

MJAR Matsuhiro 14.01 343 ePn Pn

MAJO Matsuhiro 14.01 343 ePn Pn

JFK Kawauchi 14.29 353 S Pn

JNU Nakatsue 14.68 315 P Pn

JNU Nakatsue 14.68 315 ePn Pn

JNE Saijyo 14.69 343 P Pn

JKE Kume jima 2 15.65 329 P Pn

JOI OKI 15.65 329 P Pn

JMK Ichinoseki 15.83 354 P Pn

JMT Tsuchiima 16.52 316 P Pn

YOJ Yonaguni jima 18.48 278 ePn Pn

YOJ Yonaguni jima 18.48 278 ePn Pn

ERM Erimo 18.80 0c iP Pn

ERM Erimo 18.80 0 Pn Pn

ERM Erimo 18.80 0 eP Pn

KSR5 Korea Arr 19.35 321 P Pn

KSR5 Korea Arr 19.35 321 P Pn

KSAR Wonju Array Be 19.36 321 P Pn

KS01 Wonju Array Si 19.38 321 eP Pn

NACB Ninganchiao 19.77 277 eP Pn

NACB Ninganchiao 19.77 277 eP Pn

YHNB Yeheng 19.97 279 eP Pn

YULB Yu-li 20.08 275 eP Pn

INCN Incheon 20.13 319 P Pn

INCN Incheon 20.13 319 P Pn

TWG Pinlang 20.33 273 eP P 10 28 51.6 +1.6

SSLB Suangling 20.37 276 eP Pn 10 28 53.2 -0.1

SSLB Ta-pu 20.70 275 eP S Pn 10 32 43.1 +0.2

ASAJ Asahikawa 20.91 359 P P 10 28 56.5 +0.6

ASAJ Asahikawa 20.91 359 eP Pn 10 28 57.8 0.0

ASAJ Asahikawa 20.91 359 eP Pn 10 28 58.7 -0.6

YUK Yuzh-Kuril'sk 20.94 5d iP P P 10 28 57.7 +1.4

YUK Yuzh-Kuril'sk 20.94 5d iP P P 10 28 57.7 +1.4

YUK Yuzh-Kuril'sk 20.94 5d iP P P 10 28 57.7 +1.4

YUK Yuzh-Kuril'sk 20.94 5d iP P P 10 28 57.7 +1.4

PLP Palesho 21.04 239 eP P 10 28 59.6 +1.9

SSE Sheela 21.07 297 eP P 10 28 58.5 +0.7

SSE Sheela 21.07 297 eP P 10 28 58.5 +0.7

SSE Sheela 21.07 297 eP P 10 28 58.5 +0.7

OCLP Ormoc 21.40 239 eP P 10 28 05.0 +3.5

MSLR Mys Shultsa 21.79 336 eP P 10 29 08.8 +3.4

SZP Santa 21.99 259 eP P 10 29 09.2 +1.5

SZP Vladivostok 21.99 338 eP P 10 29 16.4 -5.1

WAKE Wake Island 22.24 96 eP P 10 29 07.9 -2.5

H11N1 WAKE ISLAND Hy 22.35 94 T T 10 53 13.8

H11N2 WAKE ISLAND Hy 22.35 94 T T 10 53 21.1

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

KUR Kuril'sk 22.35 9d iP P P 10 29 13.3 +1.9

SNY comp=E,1um,25.0s LR LR

CN2 comp=E,4um,34.2s LR LR

CN2 comp=E,1um,4.0s LR LR

CN2 comp=E,1um,21.0s LR LR

CN2 comp=E,1um,21.0s LR LR

MANU Manus Island 25.38 170 eP P 10 29 39.4 -0.7

MANU Manus Island 25.38 170 eP P 10 29 39.4 -0.7

MWPI Manokwari, Pap 25.54 202 eP P 10 29 47.0 +3.6

GENI Geniem 25.76 167 eP P 10 29 45.9 +0.5

TIA Tai'an 25.99 306 eP P 10 29 02.9 -2.2

TIA Tai'an 25.99 306 eP P 10 29 02.9 -2.2

TIA Tai'an 25.99 306 eP P 10 29 02.9 -2.2

TIA Tai'an 25.99 306 eP P 10 29 02.9 -2.2

TIA Tai'an 25.99 306 eP P 10 29 02.9 -2.2

TIA Tai'an 25.99 306 eP P 10 29 02.9 -2.2

TIA Tai'an 25.99 306 eP P 10 29 02.9 -2.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

HABR Khabarovsk 26.07 348 eP P 10 29 46.1 +0.2

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes stations like McDonald Ranch, Arafaho, V37A, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes stations like TOAO, TORD, VNA2, etc.

YARS 10 10:27:43.5:0.1,56:97N:0°01'x123°03'E:0°01',h10km, Southeastern Siberia

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like YKLR, IENR, etc.

IDC 10 10:33:44.1:3.3,33:54S:178:52W,h0km,mb3,7/2, mb1 4.1/3,mb1mx3,8/4,1,mbtm3,9/3,ML4,0/1,Error ellipse: s-maj=76.6km s-min=46.9km az=122.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like MXZ, WMGZ, etc.

DHMR 10 10:34:44.1:1.8,12:04N:43:93E,h7km,23km,ML3.5, Western Arabian Peninsula

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like ADEN, UDYN, etc.

IDC 10 10:35:57.9:1.4,33:78S:178:34W,h0km,mb4,3/4, mb1 4.5/5,mb1mx4,0/4,1,mbtm3,9/3,ML4,2/1,Error ellipse: s-maj=46.2km s-min=27.6km az=149.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like MXZ, WMGZ, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other details. Includes stations like SNGZ, SNGZ, SNGZ, etc.

ISK 10 10:43:37.6,37:21N:27:99E,h14km,MD2.4, ISCBJ 10 10:43:38.3:0.6,37:15N:0°04:27:99E:0°04,h0km,Error ellipse: s-maj=6.5km s-min=3.8km az=22.4

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

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

ISCJ 10 10:45:53.1:0.8,27:11N:0°1:143:8E:0°1,h10km,mb3,6/7, Error ellipse: s-maj=17.0km s-min=15.0km az=155.6

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like JCJ, MJAR, etc.

DHMR 10 10:48:30.2:1.8,12:09N:43:89E,h11km,23km,ML3.9, Western Arabian Peninsula

Table with columns: Code, Station Name, Frequency, Power, Mode, and other details. Includes stations like ADEN, UDYN, etc.

THR 10 10:57:55.0:0.8,29:28N:56:28E,h14km,7km,ML3.5, CSEM 10 10:57:56.0:0.4,29:29N:56:42E,h15km,ML3.3,Error ellipse: s-maj=26.4km s-min=7.3km az=102.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like UZH Uzhgorod, STHS Stebnicka Huta, PALK Pallekele, etc.

KRNET 10 11:01:07.0.1.4, 33.84N, 70.21E, mb4.2
SOME 10 11:01:08.5, 43.90N, 70.42E, h15km, MS3.4
NMC 10 11:01:08.5, 0.3, 35.66N, 70.43E, h13km, 21km, mb4.6,
mpv4.0, Error ellipse: s-maj=11.0km s-min=1.7km
az=176.0

Main table for Central Kazakhstan region, listing stations like Karatay Array, Karatay Array, Karatay Array, etc. with their respective coordinates and parameters.

Table for MDOK Medeo region, listing stations like MDOK Medeo, KOTS Kotybulak, ARXS Arharly, etc.

10 11:02:23.6:27.0.2, 22.14S, 173.72W, h0km, mb4.1/4,
mb1 4.2/4, mb1mx3.8/34, mbtmp4.1/4, Error ellipse:
s-maj=493.3km s-min=144.6km az=77.0, Tonga Islands
region

Main table for Tonga Islands region, listing stations like CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, etc.

Table for GVD Gavdhos region, listing stations like GVD Gavdhos, KHAL Karahalli, ANKY Antikythira Is, etc.

IDC 10 11:14:40.0:0.9, 35.66S, 73.33W, h0km, mb4.0/7,
mb1 4.1/9, mb1mx4.0/25, mbtmp4.0/9, ML3.6/2, Error
ellipse: s-maj=33.8km s-min=21.3km az=65.0
GUC 10 11:14:47.0:0.3, 35.72S, 73.22W, h14km, 2km, ML3.9
ISC 10 11:14:46.5:1.7, 35.87S, 0.03, 73.34W, 0.08, h16km, 10km,
n27, c=77/34, mb4.1/7, 1C, Off coast of central Chile

Main table for IDC 10 11:14:40.0:0.9 region, listing stations like COCH Cobquecura, CCHP Cerro Villicu, CANA Canaviehu, etc.

IDC 10 11:24:27.9:0.9, 12.29N, 144.22E, h0km, mb3.7/8,
mb1 3.9/8, mb1mx3.6/54, mbtmp3.7/8, MS3.4/4, Ms1 3.4/4,
mb1mx2.0/40, Error ellipse: s-maj=31.8km s-min=17.9km
az=113.0

ISCJB 10 11:24:30.4:0.8, 12.3N, 0.1, 144.14E, 0.2, h27km, mb3.7/8,
MS3.0/3, Error ellipse: s-maj=26.6km s-min=9.3km
az=30.5

Main table for IDC 10 11:24:27.9:0.9 region, listing stations like GUMO Guam, JCJ Chichijima, H11N1 WAKE ISLAND Hy, etc.

ISCJB 10 11:24:32.4:1.4, 10.9N, 0.1, 62.16W, 0.06, h99km, 9km,
Error ellipse: s-maj=23.4km s-min=7.7km az=161.9
FUNV 10 11:24:33.7, 10.86N, 62.06W, h89km, MW2.4
TRN 10 11:24:46.5, 10.49N, 61.80W, h43km, MD2.9
ISC 10 11:24:32.2:1.8, 10.79N, 0.10, 62.17W, 0.05,
h104km, 10km, n15, c=197/18, 2C-1D, Near coast of
Venezuela

Main table for Venezuela region, listing stations like GUIV Guiria, TCE Chacachacare, TCE Chacachacare, etc.

BAUV eS Sn 11 27 05.2 -2.4

ISCJB 10 11:26:04.0.5.33.22N.0.02:116:75W:0.04,h12km,4km, Error ellipse: s-maj=6.2km s-min=3.8km az=9.4

NEIC 10 11:26:04.7.33.23N:116:77W,h11km,ML3.1(PAS),After PAS.

NEIC Felt [I] at Escondido, Poway, Ramona, San Diego, Santa Ysabel, Santee, Valley Center and Warner Springs. Felt in much of San Diego County and in parts of Orange and Riverside Counties.

ECX 10 11:26:05.1.0.6.33.22N.116:75W,h7km,MD3.1,ML3.2 ISC 10 11:26:04.3.1.33.20N.0.02:116:74W:0.04,h13km,gkm, n22,-0570/28,4C-6D,Southern California

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Palomar, Dos Posos City, Ford Ranch, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Bola, Westside School, Desert Rsrch C, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Westside School, Desert Rsrch C, Rancho Dawling, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Prieto, Punta Banda, Esteban Cantu, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like San Pedro Mart, Darwin (Calif), Sheep Range, etc.

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

IDC 10 11:27:40.0.2.1, 19.41S:168.07E,h0km,mb4.0/6, mb1 4.2/7,mb1mx3.8/5.1,mbtmp4.0/7,ML3.5/1, Error ellipse: s-maj=57.8km s-min=24.6km az=123.0

ISCJB 10 11:27:42.7.1.6.19.4S:0.1:168.0E:0.3,h26km,mb3.9/6, Error ellipse: s-maj=40.6km s-min=11.9km az=19.3

ISC 10 11:27:43.8.1.8.19.5S:0.2:168.1E:0.3,h26km,n7, +1504/8,mb3.8/6,Vanuatu Islands

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

GUC 10 11:29:02.9.0.4,36.51S:73.22W,h14km,2km,ML3.5, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like San Pedro de C, CCHI Chilean, Los Niches, etc.

IDC 10 11:33:01.6.1.2, 19.22S:168.44E,h0km,mb3.8/8, mb1 4.0/9,mb1mx3.9/43,mbtmp3.9/9,ML3.5/1,MS3.3/2, Ms1 3.3/2,ms1mx2.8/31, Error ellipse: s-maj=30.8km s-min=23.0km az=130.0

ISCJB 10 11:33:05.1.0.9, 19.38S:0.09:168.4E:0.1,h33km, mb3.8/7,MS3.3/1, Error ellipse: s-maj=20.8km s-min=10.5km az=22.4

ISC 10 11:33:06.6.1.5,19.5S:0.2:168.6E:0.3,h35km,n13, +1544/12,mb3.8/7,Vanuatu Islands

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

IDC 10 11:36:46.8.2.9, 6.04S:130.51E,h75km,37km,mb3.0/1, mb1 3.8/5,mb1mx3.4/42,mbtmp3.9/5,ML4.0/4,MS3.2/1, Ms1 3.2/1,ms1mx2.4/17, Error ellipse: s-maj=22.3km s-min=10.2km az=86.0

DJA 10 11:36:56.0.5.5, 5.4:13.1E, h64km,14km, M4.2/11, mb4.7/2,MLV4.0/11, ISC 10 11:36:48.5.1.4, 5.85S:0.10:130.80E:0.08,h86km,n16, +195/16,Banda Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BNDI Bandanaira, MASOI Masohi, FAKI Fak Fak, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Manokwari, Labuha, Fitzroy Crossi, etc.

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like DDA 10 11:41:43.1, 39.52N:34.64E, h7km, MD2.9, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CDAAG Cicekdag, YOZ Yozgat, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like AVNS Nevsehir-Avano, COAL Corum-Alaca, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like YAYL Yaylak, YAYX Yaylak, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CUSAR Sarkisla-SIVAS, GULA Gulagac, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like KULU Konya-Kulu, KULU Konya-Kulu, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SULT Sultanhani-AKS, SULT Sultanhani-AKS, etc.

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IDC 10 11:48:49.6.2.6, 27.36N:143.39E, h0km,mb3.4/2, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like JCH Chichijima, MJAR Matsuhiro Arr, etc.

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MAN 10 12:00:49, 13.36N:120.54E, h33km,mb4.1,ML2.9,MS2.7, 1C,Mindoro Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PGP Puerto Galera, SJMP San Jose, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ENPP El Nido, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MAN 10 12:01:15, 7.0.6.36, 46N:0.04:140.42E:0.06, h119km,4km,mb3.3/5, Error ellipse: s-maj=8.4km s-min=6.7km az=12.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IDC 10 12:01:15, 5.2.0.36, 50N:140.54E, h96km,16km,mb3.1/5, mb1 3.3/8,mb1mx3.1/42,mbtmp3.6/8, Error ellipse: s-maj=22.8km s-min=10.0km az=65.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like JMA 10 12:01:17.9.0.1, 36.51N:140.34E, h100km,1km,MS3.2, JMA Felt I J1, ISC 10 12:01:16.8.0.9, 36.49N:0.05:140.41E:0.06, h108km,7km, n19, +0568/30,mb3.5/5,Near east coast of eastern Honshu

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

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

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

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

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like JRY Ryogami san, JRY Ryogami san, etc.

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MJAR Matsuhiro Arr, MAT Matsuhiro, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songino Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, MEX 10 12:02:33.5.0.4, 17.12N:101.25W, h23km,14km,MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ZIIG Zihuatanejo, CAIG El Cayaco, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MEIG Mezcala, PLIG Platanillo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like YAIG Yautepac, IDC 10 12:30:34.5.9.8, 26.02N:141.30E, h0km,mb3.4/3, mb1 3.6/3,mb1mx3.3/32,mbtmp3.4/3, Error ellipse: s-maj=377.0km s-min=31.4km az=71.0, Bonin Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songino Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, RSC 10 12:24:49.5.0.8, 6.87N:73.17W, h142km,5km,ML2.9,1D, Northern Colombia

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like RUSC La Rusia, RUSC La Rusia, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like GRMC Gramalote, San, GRMC Gramalote, etc.

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like YOPC Yopal, Colombia, YOPC Yopal, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like YOPC Norcasia, NORC Norcasia, etc.

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like HELC Santa Helena, HELC Santa Helena, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like DBBC Dabeiba, PRAC Prado, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SJAC San Juan de Ar, SJAC San Juan de Ar, etc.

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

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MRVN Minervino Arr, MRVN Minervino Arr, etc.

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

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MAN 10 12:48:36, 10.42N:124.23E, h22km,mb4.2,ML3.1,MS2.8, 1D,Leyte

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like LLP Lapu-Lapu, LLP Lapu-Lapu, etc.

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

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like AFSR Afar-Bala (A), AFSR Afar-Bala (A), etc.

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like USRK Ussuriysk Arr, USRK Ussuriysk Arr, etc.

JTMT	Jette	78.01	42	eP	P	13 46 27.2	-0.3
SWMT	Swartz Lake	78.29	43	eP	P	13 46 29.3	+0.2
FINES	FINES Array B	78.39	334	P	P	13 46 29.6	+0.5
comp=E,1.4nm,0.4s,baz=88,slow=5.1,SNR=16							
FINES				LR	LR	14 23 57.9	
comp=E,36nm,20.8s,baz=60,slow=35							
MSO	Missoula	78.64	43	P	P	13 46 30.7	-0.2
baz=297							
MSO	Missoula	78.64	43	eP	P	13 46 31.2	+0.2
PMOR	Pomarioiro Res	78.65	113	eT	T	15 11 42.8	
comp=E,5.7nm,0.2s							
PPT2	Papeete2	78.68	116	eLR	LR	14 10 45.8	
comp=E,79nm,22.8s							
KBZ	Khabaz	78.80	313	P	P	13 46 33.0	+1.3
comp=E,8.7nm,0.7s,baz=100,slow=2.6,SNR=20							
KBZ	Khabaz	78.80	313	P	P	13 46 33.0	+1.3
comp=Z,7.0nm,0.7s							
KIV	Kislovodsk	78.83	314	eP	P	13 46 33.7	+1.6
comp=Z,11nm,1.0s							
MFID	Camas Ranch	79.02	47	eP	P	13 46 32.8	-0.4
CHMT	Chamberlain Mo	79.02	43	eP	P	13 46 33.2	+0.1
NEY	Neytrino	79.13	313f	eP	P	13 46 35.4	+1.6
comp=Z,1.0nm,0.8s							
BLM	Battle Mountai	79.43	50	eP	P	13 46 36.2	+0.7
MLAC	Mammoth, Mammo	79.54	53	P	P	13 46 36.1	-0.2
baz=297							
NV01	Mina Array Sit	79.57	52	eP	P	13 46 36.4	+0.1
NVAR	Mina Array Bea	79.57	52	P	P	13 46 36.6	+0.2
comp=Z,7.6nm,0.8s,baz=292,slow=5.8,SNR=51							
NVAR				LR	LR	14 13 13.9	
comp=Z,163nm,20.8s,baz=304,slow=29							
RCTC	Rector, Farmer	79.83	54	P	P	13 46 37.8	+0.2
baz=296							
HLID	Hailey	79.86	46	P	P	13 46 37.8	0.0
HLID	Hailey	79.86	46	eP	P	13 46 38.1	+0.3
HRY	Hotter Researc	79.97	43	eP	P	13 46 38.7	+0.4
comp=Z,11nm,1.0s							
LRM	Limekiln Ridge	80.03	44	eP	P	13 46 38.8	0.0
PKM	Mcperson Peak	80.03	56	P	P	13 46 38.6	-0.2
baz=296							
YES	Vestal, Richgr	80.15	55	P	P	13 46 39.1	-0.1
baz=296							
DLMT	Dillon	80.16	44	eP	P	13 46 38.6	-0.7
MCMT	McKenzie Canyo	80.26	45	eP	P	13 46 39.1	-0.9
SUMG	Summit	80.51	1	iP	P	13 46 42.7	+1.7
comp=Z,1.7nm,0.8s							
SUMG	Summit	80.51	1	iP	P	13 46 42.7	+1.7
comp=Z,1.7nm,0.8s							
SUMG	Summit	80.51	1	eP	P	13 46 42.4	+1.4
EGMT	Eagleton	80.56	41	P	P	13 46 40.9	-0.5
baz=300							
EGMT	Eagleton	80.56	41	eP	P	13 46 41.6	+0.3
BOZ	Bozeman (W)	80.61	43	P	P	13 46 41.6	+0.3
baz=299							
BOZ	Bozeman (W)	80.61	43	eP	P	13 46 42.1	+0.3
ELK	Elko	80.63	49	P	P	13 46 42.7	+0.6
ELK	Elko	80.63	49	eP	P	13 46 42.7	+0.6
ARVC	Arvin	80.65	55	P	P	13 46 41.4	-0.6
baz=296							
ISA	Isabella, Lake	80.67	55	P	P	13 46 41.4	-0.8
baz=297							
BLG	Laguna Peak, P	80.94	56	P	P	13 46 43.3	-0.2
baz=299							
DAC	Darwin (Calif)	81.04	54	P	P	13 46 43.9	-0.3
DAC	Darwin (Calif)	81.04	54	eP	P	13 46 44.0	-0.3
FFC	Flin Flon	81.07	32	P	P	13 46 43.9	+0.1
comp=Z,1.8nm,1.5s							
FFC	Flin Flon	81.07	32	P	P	13 46 44.5	+0.7
comp=Z,89nm,0.8s,SNR=5.3							
FFC	Flin Flon	81.07	32	eP	P	13 46 43.8	+0.1
GLMT	Earthquake Lak	81.14	54	eP	P	13 46 45.3	+0.6
MPMC	Manure, Prospec	81.21	54	P	P	13 46 44.9	-0.3
baz=297							
LRMC	Laurel Mtn Rad	81.33	55	P	P	13 46 45.4	-0.3
baz=297							
EDW2	Edwards Air Fo	81.38	55	P	P	13 46 46.0	+0.1
baz=297							
FURC	Furnace Creek,	81.47	53	P	P	13 46 46.2	-0.1
baz=297							
R11A	Troy Canyon, C	81.51	51	P	P	13 46 46.5	-0.3
baz=298							
R11A	Troy Canyon, C	81.51	51	eP	P	13 46 46.8	0.0
YMR	Madison River	81.54	41	eP	P	13 46 47.8	+1.1
YNR	Norris Junctio	81.66	44	eP	P	13 46 49.5	+2.0
TPNV	Topopah Spring	81.69	53	P	P	13 46 47.6	-0.1
baz=298							
TPNV	Topopah Spring	81.69	53	eP	P	13 46 48.0	+0.3
YFT	Old Faithful	81.69	44	eP	P	13 46 49.7	+2.0
CIS	Catalina Islan	81.74	57	P	P	13 46 47.6	-0.3
baz=297							
HVU	Hansel Valley	81.77	47	eP	P	13 46 48.5	+0.4
H17A	Grant Village	81.88	44	P	P	13 46 50.5	+1.8
baz=300							
H17A	Grant Village	81.88	44	eP	P	13 46 50.8	+2.1
SSK	Sunset Peak	81.90	56	eP	P	13 46 49.8	+0.9
LKWY	Lake	81.91	44	eP	P	13 46 50.8	+1.9
comp=Z,1.7nm,1.2s							
BFSC	Mount Baldy Ra	81.92	56	P	P	13 46 48.4	-0.5
baz=297							
FLWY	Flag Ranch	81.96	44	eP	P	13 46 50.7	+1.7
NACGM	Naroch	81.97	329	eP	P	13 46 49.0	+0.4
BGU	Big Grassy Mou	82.02	48	eP	P	13 46 49.5	+0.2
FCC	Fort Churchill	82.03	26	P	P	13 46 48.5	-0.3
FCC	Fort Churchill	82.03	26	eP	P	13 46 48.5	-0.3
GSC	Goldstone, Bar	82.05	54	P	P	13 46 49.5	-0.1
baz=298							
MOOW	Moose Ponds	82.10	45	eP	P	13 46 50.5	+0.6
REDW	Red Top Meadow	82.23	45	eP	P	13 46 51.4	+0.9
LOHW	Long Hollow	82.26	45	eP	P	13 46 51.2	+0.5
RLMT	Red Lodge	82.32	43	P	P	13 46 50.8	-0.1
baz=301							
RLMT	Red Lodge	82.32	43	eP	P	13 46 50.8	-0.1
AHID	Auburn Hatcher	82.37	46	P	P	13 46 51.5	+0.3
comp=Z,1.6nm,1.2s							
DUG	Dugway, Tootee	82.52	49	P	P	13 46 52.1	+0.1
DUG	Dugway, Tootee	82.52	49	P	P	13 46 51.5	-0.5
baz=299,SNR=19							
DUG	Dugway, Tootee	82.52	49	eP	P	13 46 52.1	+0.1
baz=298							
MURC	Murrieta	82.55	56	P	P	13 46 51.6	-0.5
baz=298							
HEC	Hector,Ludlow	82.62	55	P	P	13 46 52.1	-0.3
baz=298							
TUQ	Turquoise Moun	82.63	54	P	P	13 46 52.1	-0.5
baz=298							
SHPR	Sheep Range	82.67	53	eP	P	13 46 52.8	0.0
109C	Camp Elliot, M	82.95	57	P	P	13 46 53.8	-0.3
baz=298							
PFO	Pinyon Flats O	83.09	56	P	P	13 46 55.1	0.0
PFO	Pinyon Flats O	83.09	56	eP	P	13 46 54.5	-0.5
baz=298							
PFO	Pinyon Flats O	83.09	56	eP	P	13 46 54.6	-0.5
GMRC	Granite Mounta	83.13	55	P	P	13 46 54.7	-0.5
baz=298							
NLU	North Lily Min	83.13	49	eP	P	13 46 55.6	+0.4
JLU	Jordanelle	83.22	48	eP	P	13 46 55.8	+0.1
AKASG	Malin Array Be	83.23	324	P	P	13 46 55.0	-0.2
comp=Z,4.3nm,0.6s,baz=44,slow=5.6,SNR=21							
AKASG				LR	LR	14 27 14.2	
comp=Z,85nm,18.3s,baz=60,slow=38							
KIEV	Kiev	83.25	324f	eP	P	13 46 55.3	0.0
KIEV	Kiev	83.25	324f	eP	P	13 46 55.3	0.0
comp=Z,9.0nm,0.9s							
KIEV	Kiev	83.25	324	eP	P	13 46 54.5	-0.8
BELC	Belle Mtn. Jos	83.25	55	P	P	13 46 54.9	-0.9
baz=298							
BW06	Boulder Array	83.35	45	P	P	13 46 55.8	-0.6
baz=301,SNR=8.7							
BW06	Boulder Array	83.35	45	eP	P	13 46 55.9	-0.4
PDAR	Pinedale Array	83.35	45	P	P	13 46 55.5	-0.9
comp=Z,2.8nm,0.8s,baz=286,slow=1.7,SNR=23							
PDAR				LR	LR	14 23 16.8	
comp=Z,159nm,18.2s,baz=305,slow=35							
O16A	Springville	83.38	48	P	P	13 47 01.7	+5.2
CCUT	Cedar City	83.43	51	eP	P	13 46 57.5	+0.6
MONP2	Monument Peak	83.46	56	P	P	13 46 56.5	-0.5
baz=298							
DGMT	Dagmar	83.47	38	P	P	13 46 56.1	-0.4
baz=304							

DGMT	Dagmar	83.47	38	eP	P	13 46 56.7	+0.1
MSU	Marysval	83.77	50	P	P	13 46 59.3	+0.7
MSU	Marysval	83.77	50	eP	P	13 46 58.9	+0.3
IRM	Iron Mountain	83.79	55	P	P	13 46 58.0	-0.5
baz=298							
A25A	Svangstu Ranch	83.80	37	P	P	13 46 57.7	-0.6
baz=305							
IBP	Imperial Bould	83.81	57	P	P	13 46 58.2	-0.5
baz=298							
BC3	Big Chuckwall	83.81	55	P	P	13 46 58.3	-0.4
baz=298							
SWSC	Sam W. Stewart	83.89	56	P	P	13 46 58.0	-1.0
baz=298							
NB2	NORSAR Subarra	83.96	339	P	P	13 46 58.3	-0.6
comp=Z,11nm,1.2s,baz=300,slow=5.3							
NOA	NORSAR Array B	83.96	339	P	P	13 46 58.9	0.0
comp=Z,3.3nm,1.0s,baz=41,slow=4.8,SNR=3.6							
NOA				LR	LR	14 30 23.4	
comp=Z,32nm,19.9s,baz=40,slow=40							
TMUT	Trail Mountain	84.04	49	eP	P	13 47 00.3	+0.3
B25A	Knox Farm, Ray	84.15	38	P	P	13 46 59.6	-0.5
baz=305							
P17A	Butcher Ranch,	84.26	48	eP	P	13 47 01.6	+0.7
MALT	Malaty	84.35	310	P	P	13 47 03.3	+1.9
comp=Z,5.0nm,0.9s							
A26A	Wade Farm, Ken	84.40	37	P	P	13 47 00.7	-0.6
baz=305							
C25A	Frederic Ranch, W	84.42	39	P	P	13 47 01.1	-0.4
baz=305							
Y12C	Blythe	84.44	55	P	P	13 47 01.4	-0.4
baz=299							
PDMO	Parker Dam,Lak	84.46	54	P	P	13 47 01.3	-0.5
baz=299							
P18A	Preston Nutter	84.51	48	eP	P	13 47 02.8	+0.4
GLA	Glamis	84.56	56	P	P	13 47 02.2	-0.2
baz=299							
SRU	San Rafael Swe	84.59	49	eP	P	13 47 02.8	+0.1
SRU	San Rafael Swe	84.59	49	P	P	13 47 02.4	-0.3
baz=299							
D25A	Fairfield	84.70	39	P	P	13 47 03.0	+0.1
baz=305							
C26A	Water Farm, P	84.99	38	P	P	13 47 04.1	-0.2
baz=305							
E25A	Miller Ranch,	85.02	40	P	P	13 47 04.0	-0.6
baz=305							
D26A	Manning	85.26	39	P	P	13 47 05.1	-0.6
K22A	Casper	85.31	44	P	P	13 47 05.8	-0.4
baz=303							
K22A	Casper	85.31	44	eP	P	13 47 06.1	-0.1
F25A	Bowman	85.32	40	P	P	13 47 06.0	-0.1
baz=303							
A28A	Rude Farm, Bot	85.34	36	P	P	13 47 05.4	-0.6
baz=307							
C27A	Saylor Ranch,	85.38	38	P	P	13 47 06.0	-0.2
baz=305							
SFJD	Kangerlussuaq	85.52	6	iP	P	13 47 07.1	+0.6
SFJD				pmx	pmx		
comp=Z,31nm,0.8s							
SFJD	Kangerlussuaq	85.52	6	iP	P	13 47 07.1	+0.6
comp=Z,31nm,0.8s							
SFJD	Kangerlussuaq	85.52	6	eP	P	13 47 07.6	+1.1
B28A	Dugan Ranch, T	85.56	37	P	P	13 47 06.8	-0.3
baz=307							
O20A	White River Ci	85.56	47	P	P	13 47 07.1	-0.5
baz=302,SNR=6.4							
O20A	White River Ci	85.56	47	eP	P	13 47 07.3	-0.2
E26A	Carlson Angus	85.57	39	P	P	13 47 06.7	-0.6
baz=305							
D27A	Center	85.72	38	P	P	13 47 07.4	-0.6
baz=306							
G25A	Newell	85.76	41	P	P	13 47 07.4	-0.8
baz=305							
F26A	Lodgepole	85.81	40	P	P	13 47 07.9	-0.6

10d 14h

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Contains station data for the 10d 14h period.

2011 JAN

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Contains station data for 2011 JAN.

518

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Contains station data for 518.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JRY, JAG Ashikaga, MJAR Matsushiro Arr, etc.

ISC 10 14:54:51.9, 8.2, 32.225x:179.91E, h330km, 91km, mb3.2/2, mb1 3.4/3, mb1mx3.1/28, mbtmp4.0/3, Error ellipse: s-maj=102.4km s-min=40.1km az=2.0

ISC 10 14:54:57.4, 1.4, 32.305:0.08:178.8E:0.2, h350km, mb3.3/2, Error ellipse: s-maj=27.5km s-min=9.7km az=168.6

ISC 10 14:54:58.2, 1.9, 32.45:0.1x179.0E:0.2, h350km, n46, c694.54, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MXZ Matakaoa Point, WMGZ Waioamatatini S, HAZ Te Kaha, etc.

MAN 10 15:04:35, 13.43N:120.15E, h25km, mb4.6, ML3.4, MS3.3, 1C, MD30

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PGP Puerto Galera, SJMP San Jose, SJMP Coron, etc.

ISC 10 15:08:54.0, 0.9, 19.50N:65.10W, h0km, mb3.7/9, mb1 4.0/9, mb1mx3.7/51, mbtmp3.7/9, MS3.1/1, Ms1 3.1/1, ms1mx2.5/39, Error ellipse: s-maj=25.7km s-min=16.7km az=72.0

ISC 10 15:08:57.2, 0.7, 19.62N:0.04:65.42W:0.06, h16km, mb3.7/9, MS3.0/1, Error ellipse: s-maj=6.3km s-min=5.7km az=170.6

NEIC 10 15:09:00.2, 19.67N:65.40W, h25km, MD3.8(RSPR), After RSPR

NEIC Fell [I] at Guaynabo. Also felt at Fort Buchanan. RSPR 10 15:09:00.2, 19.67N:65.40W, h25km, MD3.8/6

ISC 10 15:08:57.5, 0.8, 19.50N:0.05:65.33W:0.07, h16km, n51, c679.63, mb3.7/9, 20C-11D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include STVI Saint Thomas, HUMP Col San Antonio, SJG San Juan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CELP Cerrillos, LRS Lares, OBIP Obispado Ponce, etc.

ISC 10 15:11:39.3, 1.0, 59.3S:0.1x25.6W:0.4, h10km, mb4.1/5, MS3.3/3, Error ellipse: s-maj=32.7km s-min=15.7km az=149.1

ISC 10 15:11:39.6, 0.7, 59.11S:25.71W, h0km, mb4.2/5, mb1 4.3/5, mb1mx3.8/26, mbtmp4.2/5, MS3.4/3, Ms1 3.3/3, ms1mx3.0/22, Error ellipse: s-maj=35.7km s-min=24.8km az=92.0

ISC 10 15:11:40.9, 0.7, 59.22S:0.1x25.5W:0.2, h10km, n27, c1942.16, mb4.1/5, MS3.4/3, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

ISC 10 15:53:52.3, 0.9, 3.15S:139.82E, h0km, mb3.8/6, mb1 4.1/8, mb1mx3.9/29, mbtmp4.0/8, ML2.7/2, MS3.3/3, Ms1 3.3/3, ms1mx2.7/38, Error ellipse: s-maj=21.4km s-min=11.5km az=140.0

ISC 10 15:53:56.5, 0.5, 3.34S:0.05:139.97E:0.06, h54km, mb3.7/8, MS3.3/2, Error ellipse: s-maj=9.3km s-min=7.4km az=160.4

NEIC 10 15:53:58.0, 1.4, 3.19S:139.97E, h47km, 17km, mb4.2/1, Error ellipse: s-maj=17.9km s-min=10.4km az=105.0

ISC 10 15:53:58.6, 0.8, 3.39S:0.08:139.80E:0.08, h54km, n22, c2513.19, mb3.7/4, 3Iras J

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JAY Jayapura, SIJI Sorong, SIJI Sorong, etc.

ISC 10 15:16:29.0, 4.3, 7.05S:124.87E, h540km, 54km, mb6.9/2, mb1 3.0/5, mb1mx2.6/44, mbtmp3.9/5, Error ellipse: s-maj=132.6km s-min=24.3km az=57.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISC 10 15:49:02.0, 1.7, 8.73S:174.74W, h0km, mb4.0/3, mb1 4.3/3, mb1mx3.7/32, mbtmp4.0/3, MS3.9/3, Ms1 3.9/3, ms1mx3.0/36, Error ellipse: s-maj=339.8km s-min=37.0km az=141.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

NNC 10 15:50:05.6, 2.5, 42.56N:82.31E, h0km, mb2.7, mpv2.3, Error ellipse: s-maj=21.3km s-min=9.4km az=151.0

SOME 10 15:50:07.0, 42.67N:82.50E, h25km

ISC 10 15:50:10.1, 2.3, 42.71N:0.1:82.26E:0.08, h10km, n15, c158.3/0, 7C-4D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KTMS Ketmen, SHLS Shalkoke, PDGG Podgornoye, etc.

ISC 10 15:53:52.3, 0.9, 3.15S:139.82E, h0km, mb3.8/6, mb1 4.1/8, mb1mx3.9/29, mbtmp4.0/8, ML2.7/2, MS3.3/3, Ms1 3.3/3, ms1mx2.7/38, Error ellipse: s-maj=21.4km s-min=11.5km az=140.0

ISC 10 15:53:56.5, 0.5, 3.34S:0.05:139.97E:0.06, h54km, mb3.7/8, MS3.3/2, Error ellipse: s-maj=9.3km s-min=7.4km az=160.4

NEIC 10 15:53:58.0, 1.4, 3.19S:139.97E, h47km, 17km, mb4.2/1, Error ellipse: s-maj=17.9km s-min=10.4km az=105.0

ISC 10 15:53:58.6, 0.8, 3.39S:0.08:139.80E:0.08, h54km, n22, c2513.19, mb3.7/4, 3Iras J

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JAY Jayapura, SIJI Sorong, SIJI Sorong, etc.

THR 10 15:59:32.8, 0.9, 28.24N:59.16E, h15km, ML3.8

ISC 10 15:59:34.0, 1.3, 28.14N:58.83E, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.5/56, mbtmp3.7/9, ML3.5/1, Error ellipse: s-maj=29.6km s-min=24.5km az=117.0

ISC 10 15:59:34.1, 0.6, 28.25N:0.05:59.28E:0.07, h10km, mb3.6/8, Error ellipse: s-maj=8.8km s-min=7.3km az=77.1

CSEM 10 15:59:35.1, 0.5, 28.32N:59.34E, h10km, ML4.0, Error ellipse: s-maj=15.0km s-min=13.2km az=115.0

TEH 10 15:59:36.2, 28.37N:59.28E, h9km, ML4.0

ISC 10 15:59:34.7, 0.7, 28.24N:0.04:59.09E:0.05, h10km, n46, c1934.39, mb3.4/8, 4C-2D, Southern Iran

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSR5, KSR5, KSR5, etc.

NIED 10 18:12:00, 34.00N:135.30E, h5km, Mw3.4 Best double couple: Mo1.67000e+10, NP1.1e168.00000e+0, 843.00000e+0, 3.39.00000e+0, NP2.2e47.00000e+0, 865.00000e+0, 1.26.00000e+0

ISC/JB 10 18:12:57.3, 0.5, 34.03N:135.26E:0.03, h13km, 4km, mb3.2/4, Error ellipse: s-maj=4.6km s-min=4.4km

JMA 10 18:12:57.9, 34.04N:135.27E, h6km, M3.5 Broadband fault plane solution: P waves, NP1.1e160.00000e+0, 865.00000e+0, 3.31.00000e+0, NP2.2e56.00000e+0, 862.00000e+0, 1.52.00000e+0, Principal axes: T P1g39.0000e+0, Azm19.0000e+0, N P1g51.0000e+0, Azm195.0000e+0, P P1g2.0000e+0, Azm287.0000e+0

ISC 10 18:12:57.7, 0.9, 34.03N:135.27E:0.03, h13km, 7km, n16, c117/29, mb3.3/4, 3C-3D, Near south coast of western Honshu

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

Table with columns: SYO, SOKR, SII, RAYN, RAYN, SVW2, SVW2, OHAK, TTA, TTA, KDKA, KDKA, KDKA, KDKA, KDKA, BRLK, CAST, KTH, SEW, RC01, BPAW, MLY, SML, RND, MCK, COLD, SCM, WRH, MDM, DHY, CCB, KCB, HDA, KLU, KLU, ILAR, ILAR, EGAK, KLMR, KLMR, DAWY, ASF, OBN, OBN, OBN, INK, INK, BR101, BR101, BR231, FIAO, FIAO, FIAO, FIAO, KOLS, KOLS, RES, RES, STHS, STHS, YKA, YKA, YKA, YKB5, YKB5, HFS, HFS, NV01, NVAR, MOTA, FETA, DAVOX, DAVOX, REDW, REDW, U15A, U15A, TMUT, TMUT, PD31, PD31, PD31, PDAR, PDAR, PDAR, EKA, EKA, ULM, ULM, MNTX, MNTX, TAM, TAM, ECSD, ECSD, TXAR, TXAR, TXAR, TXAR, TXAR, TXAR, JCT, JCT, TOAO, TOAO

Table with columns: TOR, TOR, TOAI, SCHO, PLCA, PLCA, KIC, DBIC, DBIC, TIC, LIC, TRQA, JTS, LVC, CPUP, CPUP, CPUP, CPUP, LPAZ, LPAZ, SDV, SDV

CSEM 11 00:26:52.6, 0.2, 67.83N:20:27'E, h2km, ML2.5, Error ellipse: s-maj=5.6km s-min=4.4km az=155.0, Mining explosion.

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

CSEM 11 00:26:56.9, 0.3, 67.85N:20:25'E, h1km, ML1.4, Mining explosion.

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

SOME 11 00:32:42.9, 40.58N:78.35'E, h5km NWC 11 00:32:46.0, 2.7, 40.78N:78.32'E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=20.3km s-min=10.2km az=160.0

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

Table with columns: KOTS, KOTS, KNDC, PDGK, PDGK, KASK, KASK, KURS, KURS, KURS, KST, KST, TKM2, TKM2, TKM2, TKM2, BMNS, BMNS, BMNS, KMTS, KMTS, DGS, DGS, DGS, KBK, KBK, KBK, ARXS, ARXS, ARXS, TDK, TDK, TDK, KAPS, KAPS, KAPS, MNAS, MNAS, MNAS, KK31, KK31

WEL 11 00:40:48.0, 1.3891S:177.899E, h32km, ML3.5/17, 12C-4D, Error ellipse: s-maj=1.2km s-min=0.6km az=90.0, North Island

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

Table with columns: FITZ, WRA, KOLN, NRIK, ASAR, ASAR, AAK, AAK, OTUK, OTUK, KDAK, CHKZ, BVAO, BVAO, BRVK, BRVK, ZRNK, ZRNK, KK31, KK31, ILAR, ARU, ARU, ARU, ARCS, YKA, YKA, OBN, OBN, OBN, OBN, OBN, KBZ, KIV, KIV, FINES, FINES, FINES, FINES, AKASG, NB2, NOA, NVAR, BRTR, BRTR, BRTR, GERES, TXAR, TXAR, TORD, DBIC

IS/CJB 11 01:15:43.2±0.4, 2.09N;0.03x128.33E±0.04, h92km, mb4.2/14, Error ellipse: s-maj=5.3km s-min=4.9km az=11.4

NEIC 11 01:15:45.5±1.4, 1.93N;128.42E, h110km±14km, mb4.4/4, Error ellipse: s-maj=19.0km s-min=8.1km az=73.0

IDC 11 01:15:48.0±0.2, 1.90N;128.43E, h132km±20km, mb3.9/12, mb1.4/0.14, mb1mx3.7/3.9, mbtmp4.3/14, MS3.8/4, MS1.3/8.4, ms1mx2.0/3.0, Error ellipse: s-maj=23.6km s-min=11.8km az=81.0

DJA 11 01:15:49.4±0.5, 2.14N;121.8E±0.06, h92km±5km, M4.3/11, mb4.8/8, mb5.1/3, MLV4.1/11, Mw(mb)4.4/3

ISC 11 01:15:44.4±0.6, 2.03N;0.06x128.28E±0.06, h92km, n39, s±179/45, mb4.2/14, Halmaheira

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

Table with columns: USRK, ULN, SONM, SONM, MKAR, MKAR, KURK, KURK, BRVK, BRVK, NRIK, NRIK, ILAR, ILAR, INK, INK, ARCES, ARCES, FINES, FINES, AKASG, AKASG, TORD, TORD

GUC 11 01:18:35.7±0.4, 35.71S;73.77W, h7km±2km, ML4.1, NEIC 11 01:18:35.0±0.3, 35.71S;73.77W, h7km, ML4.1(GUC), After GUC

IS/CJB 11 01:18:36.6±0.8, 35.74S;0.03x73.81W±0.07, h10km, mb4.1/6, Error ellipse: s-maj=7.8km s-min=5.0km az=0.5

IDC 11 01:18:38.1±0.9, 35.74S;73.30W, h0km, mb4.0/5, mb1.4/0.7, mb1mx3.8/25, mbtmp3.9/7, ML3.6/2, Error ellipse: s-maj=36.6km s-min=21.9km az=90.0

ISC 11 01:18:37.9±1.0, 35.74S;0.04x73.56W±0.08, h10km, n22, s±163/27, mb4.1/6, 1.C, Off coast of central Chile

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

NEIC 11 01:19:41.2, 16.52N;96.08W, h16km, MD4.1(MEX), After MEX

MEX 11 01:19:40.6±0.5, 16.48N;96.07W, h22km±33km, MD4.1, Oaxaca

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

MEX 11 01:24:43.2±0.4, 14.90N;93.29W, h36km±44km, MD3.5, Near coast of Chiapas

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

ISC/JB 11 01:28:14.9±1.1, 35.72S;0.04x73.7W±0.1, h33km, Error ellipse: s-maj=12.0km s-min=5.1km az=0.9

GUC 11 01:28:17.0±0.3, 35.72S;73.51W, h42km±2km, ML3.6, ISC 11 01:28:16.7±0.2, 35.78S;0.05x73.7W±0.2, h35km, n17, s±154/25, 1.C, Off coast of central Chile

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

Table with columns: RTLL, RTLL, AMOG, AMOG, AVFE, AVFE, ACHE, ACHE, AGUA, AGUA, VCA, VCA, ACLC, ACLC

WEL 11 01:29:44.3±0.6, 47.43S;165.39E, h33km, ML3.5/8, 1D, Error ellipse: s-maj=6.2km s-min=3.4km az=90.0, Off west coast of South Island

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

CRAAG 11 01:33:12.7, 36.84N;3.56E, M12.4, CSEM 11 01:33:14.3±0.2, 36.80N;3.53E, h10km, mb3.6/6, Error ellipse: s-maj=6.6km s-min=4.4km az=69.0

MDD 11 01:33:14.6±0.6, 36.83N;3.53E, h0km, mb3.6/17, Error ellipse: s-maj=7.6km s-min=4.2km az=75.0, PRXIMO

ISC 11 01:33:12.8±1.1, 36.83N;0.03x3.60E±0.04, h15km±8km, n54, s±202/83, Northern Algeria

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like EJON, SJAF, CLLI, CSOR, ESDC, ATE, etc.

IDC 11 01:38:47.2.1.7, 35.75S:73.59W, h0km, mb3.6/3, mb1 3.8/5, mb1mx3.6/25, mbtmp3.6/5, ML3.7/2, MS4.4/1, Ms1 4.4/1, ms1mx3.2/19, Error ellipse: s-maj=47.9km s-min=20.8km az=73.0

GUC 11 01:38:48.5.0.4, 35.65S:73.61W, h21km, mb3.8/3, ISCBJ 11 01:38:49.6.0.8, 35.67S:73.64W, h0.08, h3km, mb3.5/3, MS4.4/1, Error ellipse: s-maj=9.5km s-min=4.8km az=180.0

ISC 11 01:38:51.9.1.2, 35.74S:0.05S:73.6W, h0.1, h35km, n25, e1927/29, mb3.5/3, 1C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like COCH, CCSP, CCHI, NICH, CANA, CLCH, ROCI, PEL, AUSA, RTLS, PLCA, RTVC, RTLL, AMOG, AVFE, ACHE, AGUA, VCA, AACL, TCA, LPAZ, SIV, PITGA, TXAR, DBIC, etc.

ISCJB 11 01:39:22.0.4.3, 6.83N:0.03S:73.06W, h0.03, h158km, 3km, mb3.6/11, Error ellipse: s-maj=6.4km s-min=3.4km az=37.9

FUNV 11 01:39:23.9.6.7, 22N:73.08W, h161km, MW4.3, IDC 11 01:39:23.4.0.6, 6.73N:72.99W, h154km, 6km, mb3.4/11, mb1 3.6/14, mb1mx3.4/31, mbtmp3.9/14, Error ellipse: s-maj=12.5km s-min=7.2km az=130.0

RSNC 11 01:39:25.9.0.8, 6.78N:73.17W, h138km, 5km, ML3.9, ISC 11 01:39:23.5.0.6, 6.81N:0.03S:73.03W, h0.04, h156km, 5km, n42, e157/63, mb3.7/11, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like BARC, RUSC, CAPV, OCAC, NORC, CHIC, ROSC, HELC, SOCV, SDV, etc.

Table with columns: SDV, S, Sn, Time, Res. Rows include stations like DBBC, TOLC, PRAC, VIRV, QARV, SANR, SANV, CURV, DABV, SIOV, SIOV, BAUV, MONV, CUPV, JTS, PTGA, LPAZ, BDFB, TXAR, ULM, PLCA, PDAR, NVAR, YBH, YKA, YKA, DBIC, TOR, ILAR, MKAR, ASAR, WRA, etc.

IDC 11 01:44:45.0.6.1, 5.98S:155.87E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.5/41, mbtmp3.7/4, MS3.0/1, Ms1 3.0/1, ms1mx2.4/24, Error ellipse: s-maj=174.9km s-min=40.3km az=112.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like WRA, ASAR, FITZ, FITZ, MKAR, etc.

JMA 11 01:45:02.8, 27.22N:143.86E, h10km, 1km, M3.5, ISCJB 11 01:45:03.8.1.2, 27.25N:0.09S:143.8E, h0.1, h10km, mb3.7/5, Error ellipse: s-maj=17.4km s-min=6.7km az=42.9

IDC 11 01:45:04.3.1.5, 27.13N:143.72E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.5/49, mbtmp3.7/4, ML3.7/1, Error ellipse: s-maj=31.7km s-min=28.1km az=98.0

ISC 11 01:45:06.0.1.3, 27.22N:0.11S:143.62E, h0.09, h10km, n9, e104/11, mb3.9/3, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like CBIJ, JCJ, JCJ, JCHU, BSOI, JRY, MJAR, WRA, KURBS, YKA, etc.

NIED 11 01:46:00.24.90N:122.30E, h5km, Mw3.8 Best double couple: M=5.07000e+1014 NP1=2.71.000000, 341.000000, 7.67000000, NP2=361.000000, 563.000000, 7.10900000

ISCJB 11 01:46:43.3.0.5, 25.02N:0.03S:122.33E, h0.02, h7km, 3km, mb3.9/7, Error ellipse: s-maj=5.1km s-min=3.1km az=179.6

JMA 11 01:46:43.0.5.0.1, 24.90N:122.29E, h0km, M3.5, TAP 11 01:46:44.4, 24.96N:122.22E, h8km, ML3.9, D, IDC 11 01:46:57.9.7.2, 24.75N:121.72E, h134km, 101km, mb3.5/7, mb1 3.6/8, mb1mx3.2/52, mbtmp3.9/8, ML3.4/1, MS2.5/7, ms1 2.5/1, ms1mx2.2/27, Error ellipse: s-maj=82.6km s-min=15.3km az=64.0

ISC 11 01:46:43.7.1.0, 24.92N:0.03S:122.29E, h0.02, h11km, 7km, n54, e998/87, mb3.9/7, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like TWB1, NWF, NWF, TWC, TWC, TWE, ENA, ENA, TAP1, ENT, ENT, TAP, TAP, PCYT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like JYNG, YONG, YON, TWS1, NSK, NNS, NNS, NCU, TWD, TWD, HWA, HWA, HSN, NSTT, NSTT, TWT, TWT, ESL, ESL, IRIF, NSY, NSY, TSW1, TSW1, TWQ1, TWQ1, WDT, WDT, WDT, HATJ, SMLT, SMLT, TYC, TYC, TYC, TCU, TCU, JKR, JKR, JIJ, YULI, YULI, TWF1, YUS, YUS, YUS, ALS, ALS, CHN5, CHN5, CHKT, CHKT, CHN4, CHN4, CHN4, STYT, STYT, STYT, WTP, WTP, TWK, TWK, TWK, CHN1, CHN1, CHN1, SGST, SGST, SSD, SSD, SSD, EAST, EAST, EAST, TAW, TAW, SCZT, SCZT, SCZT, KRSR, KRSR, SONM, MKAR, ZALV, WRA, BVAR, ASAR, FINES, etc.

IDC 11 01:55:27.7.0.8, 2.93S:129.73E, h0km, mb4.1/6, mb1 4.4/9, mb1mx3.9/43, mbtmp3.2/9, ML4.1/3, MS3.4/3, Ms1 3.4/3, ms1mx2.9/27, Error ellipse: s-maj=37.0km s-min=17.1km az=74.0

ISCJB 11 01:55:31.7.0.4, 2.80S:0.04S:129.77E, h0.03, h25km, mb4.1/6, MS3.7/2, Error ellipse: s-maj=6.2km s-min=4.3km az=145.8

DJA 11 01:55:34.0.0.2, 3.3S:133.0E, h47km, 21km, ML4.2/10, mb4.4/2, MLV4.1/10

ISC 11 01:55:31.9.0.6, 2.87S:0.05S:129.77E, h0.04, h25km, n23, e1927/27, mb4.2/6, Seram

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like MSAI, MSAI, KRAI, KRAI, BNDI, BNDI, SIJI, SIJI, SWI, SWI, etc.

		ZAK	comp-Z,14nm,1.2s	pmx	pmx			KSCO	Kaye Shedlock'	51.06	74	eP	P	02 53 02.4 +1.0
NR1K	baz=312	NR1K	Noril'sk	45.02	330	LR	03 13 13.7	F34A	Alexandria	51.07	63	P	P	02 53 00.8 -0.5
SCI2	comp-Z,182nm,18.4s,slow=39	SCI2	San Clemente I	45.19	91	P	02 52 16.8 +0.7	E35A	Pequot Lakes	51.08	61	P	P	02 53 00.9 -0.4
B25A	baz=312	B25A	Knox Farm, Ray	45.24	64	P	02 52 16.3 0.0	M30A	Dale-Otello V	51.09	70	P	P	02 53 02.1 +0.5
HEC	baz=303	HEC	Hector, Ludlow	45.35	88	P	02 52 17.7 +0.2	J32A	Parkston	51.11	67	P	P	02 53 01.5 -0.2
CCUT	baz=311	CCUT	Cedar City	45.45	82	eP	02 52 19.6 +1.2	C36A	Coleman	51.19	59	P	P	02 53 02.0 -0.2
C25A	comp-Z,54nm,2.5s	C25A	Freed Ranch, W	45.49	65	P	02 52 18.4 0.0	T25A	Trinidad	51.19	77	P	P	02 53 03.6 +1.0
A26A	baz=303	A26A	Wade Farm, Ken	45.52	63	P	02 52 18.8 +0.2	P28A	Saint Francis	51.22	73	P	P	02 53 03.9 +1.3
MSU	baz=303,SNR=14	MSU	Marysvalle	45.58	81	eP	02 52 20.3 +0.9	L31A	Butterfield Fa	51.29	68	P	P	02 53 03.6 +0.5
TMUT	comp-Z,15nm,0.9s	TMUT	Trail Mountain	45.69	79	eP	02 52 21.2 +0.8	I33A	Coleman	51.29	65	P	P	02 53 02.7 -0.4
B26A	baz=303	B26A	Jensen Ranch,	45.70	63	P	02 52 20.3 +0.4	LAZ	Ladron	51.33	81	eP	P	02 53 04.7 +1.1
D25A	baz=304	D25A	Fairfield	45.77	65	P	02 52 20.7 +0.1	D36A	Goodland	51.37	60	P	P	02 53 03.1 -0.4
GMRC	baz=311	GMRC	Granite Mounta	45.80	87	P	02 52 21.6 +0.5	ANMO	Albuquerque	51.38	80	P	P	02 53 04.1 0.0
A27A	baz=303,SNR=8.2	A27A	Ledoux Ranch,	45.93	62	P	02 52 21.9 +0.1	ANMO	Albuquerque	51.38	80	eP	P	02 53 04.9 +0.8
P18A	comp-Z,7m,0.8s	P18A	Preston Nutter	46.07	78	eP	02 52 24.7 +1.4	F35A	Swanville	51.41	62	P	P	02 53 03.4 -0.5
PFO	baz=312	PFO	Pinyon Flats O	46.08	89	P	02 52 23.3 +0.1	O29A	Old Ranch, Cui	51.44	72	P	P	02 53 04.7 +0.5
C26A	baz=304,SNR=17	C26A	Wahner Farm, P	46.08	64	P	02 52 23.5 +0.5	H34A	Spellman, LNR	51.48	64	P	P	02 53 04.0 -0.3
E25A	baz=304,SNR=11	E25A	Miller Ranch,	46.08	66	P	02 52 23.7 +0.6	Q28A	Sharon Springs	51.50	73	P	P	02 53 04.6 -0.2
BELC	baz=312	BELC	Belle Mtn. Jos	46.10	88	P	02 52 23.5 0.0	C37A	Embarrass	51.56	59	P	P	02 53 04.5 -0.5
109C	baz=312	109C	Camp Elliot, M	46.15	90	P	02 52 24.3 +0.7	ECSD	EROS Data Cent	51.59	65	P	P	02 53 04.4 -0.8
SRU	comp-Z,11nm,0.8s	SRU	San Rafael Swe	46.22	79	eP	02 52 25.0 +0.6	ECSD	EROS Data Cent	51.59	65	eP	P	02 53 04.5 -0.7
SRU	comp-Z,11nm,0.8s	SRU	San Rafael Swe	46.22	79	eP	02 52 25.0 +0.6	J33A	Davis	51.65	66	P	P	02 53 05.6 -0.1
B27A	baz=304,SNR=5.9	B27A	Peters Farms,	46.22	63	P	02 52 24.7 +0.6	P29A	Atwood	51.69	72	P	P	02 53 06.6 +0.5
D26A	baz=304,SNR=5.5	D26A	Manning	46.33	65	P	02 52 25.0 0.0	LPM	Los Pinos Moun	51.70	81	eP	P	02 53 06.9 +0.6
F25A	baz=305	F25A	Gowman	46.38	67	P	02 52 25.6 +0.3	E36A	McGregor	51.73	61	P	P	02 53 05.9 -0.3
C27A	baz=304,SNR=8.5	C27A	Saylor Ranch,	46.47	64	P	02 52 26.4 +0.4	M31A	Lambrecht Ranc	51.73	69	P	P	02 53 06.7 +0.3
K22A	baz=306,SNR=6.0	K22A	Casper	46.49	72	eP	02 52 26.6 +0.1	D37A	Cotton	51.78	60	P	P	02 53 06.0 -0.6
A28A	baz=304,SNR=12	A28A	Rude Farm, Bot	46.49	62	P	02 52 26.4 +0.2	EYMN	Ely	51.80	58	P	P	02 53 06.2 -0.5
IRM	baz=312	IRM	Iron Mountain	46.52	87	P	02 52 27.0 +0.3	EYMN	Ely	51.80	58	eP	P	02 53 06.5 +1.2
E26A	baz=305,SNR=17	E26A	Carlson Angus	46.63	66	P	02 52 27.6 +0.2	BNN	Barren Site	51.81	81	eP	P	02 53 08.6 -0.4
BC3	baz=312	BC3	Big Chuckkwall	46.67	88	P	02 52 27.8 0.0	I34A	Hadley	51.83	65	P	P	02 53 06.9 -0.1
B28A	baz=304,SNR=15	B28A	Dugan Ranch, T	46.70	62	P	02 52 27.9 +0.1	O30A	MW Ranch, Wils	51.84	71	P	P	02 53 08.0 +0.8
D27A	baz=305,SNR=6.9	D27A	Center	46.80	65	P	02 52 28.9 +0.2	G35A	Watkins	51.86	63	P	P	02 53 06.7 -0.5
G25A	baz=306	G25A	Newell	46.82	68	P	02 52 29.1 +0.3	L32A	Edgin	51.88	68	P	P	02 53 07.5 +0.1
F26A	baz=305,SNR=9.9	F26A	Lodgepole	46.87	67	P	02 52 29.5 +0.2	R28A	Tribune	51.98	74	P	P	02 53 08.5 +0.2
IBP	baz=312	IBP	Imperial Bould	46.93	90	P	02 52 30.1 +0.2	F36A	Milaca	51.99	62	P	P	02 53 07.7 -0.4
BJI	comp-Z,48nm,1.3s	BJI	Beijing	46.96	284	P	02 52 30.3 +0.4	H35A	Sunnyside Ranc	51.99	63	P	P	02 53 07.8 -0.4
BJI	comp-Z,300nm,20.6s	BJI	Beijing	46.96	284	P	02 52 30.3 +0.4	K33A	Hardington	52.08	67	P	P	02 53 08.8 -0.1
BJI	comp-Z,250nm,22.9s	BJI	Beijing	46.96	284	P	02 52 30.3 +0.4	N31A	Bailey Ranch,	52.08	70	P	P	02 53 09.0 +0.1
BJI	comp-Z,310nm,25.2s	BJI	Beijing	46.96	284	eP	02 52 30.5 +0.4	Q29A	Oakley	52.12	73	P	P	02 53 09.4 +0.1
O20A	comp-Z,51nm,1.2s	O20A	White River Ci	46.98	76	P	02 52 30.5 +0.1	P30A	Selden	52.14	72	P	P	02 53 09.9 +0.5
O20A	baz=308,SNR=21	O20A	White River Ci	46.98	76	eP	02 52 30.7 +0.4	BGNE	Belgrade	52.17	69	P	P	02 53 10.1 +0.4
H25A	baz=306,SNR=7.2	H25A	Fruitdale	47.05	69	P	02 52 30.7 0.0	121A	Cookes Peak, D	52.18	84	P	P	02 53 10.6 +0.7
A29A	baz=304,SNR=12	A29A	Manning Farm,	47.05	61	P	02 52 30.3 -0.3	121A	Cookes Peak, D	52.18	84	eP	P	02 53 10.7 -0.7
PDMCI	baz=311	PDMCI	Parker Dam, Lak	47.06	86	P	02 52 30.8 0.0	J34A	George	52.24	66	P	P	02 53 10.0 -0.1
RSSD	baz=306	RSSD	Black Hills	47.09	69	P	02 52 30.9 -0.3	G36A	St. Michael	52.25	62	P	P	02 53 09.9 -0.2
RSSD	comp-Z,51nm,2.1s	RSSD	Black Hills	47.09	69	eP	02 52 31.2 0.0	O31A	Woolen Ranch,	52.29	71	P	P	02 53 11.2 +0.7
C28A	baz=305	C28A	Hausauer Farms	47.09	63	P	02 52 31.3 +0.4	R29A	Marienthal	52.33	73	P	P	02 53 11.7 +0.9
E27A	baz=305,SNR=11	E27A	Carson	47.17	65	P	02 52 31.8 +0.2	S28A	Manter	52.42	75	P	P	02 53 12.2 +0.6
Y12C	baz=312	Y12C	Blythe	47.18	87	P	02 52 31.8 +0.1	I35A	Creekview Farm	52.43	64	P	P	02 53 11.4 -0.1
F27A	baz=305,SNR=12	F27A	Lemmon	47.23	66	P	02 52 32.2 +0.1	Q30A	Quinter	52.52	72	P	P	02 53 13.1 +0.9
G26A	baz=306,SNR=11	G26A	Maurine	47.23	67	P	02 52 32.2 +0.1	K34A	Le Mars	52.54	66	P	P	02 53 12.0 -0.3
B29A	baz=304	B29A	Wagenman Farm,	47.24	62	P	02 52 31.9 -0.1	H36A	Jessenland, He	52.57	63	P	P	02 53 12.6 +0.1
D28A	baz=305,SNR=10	D28A	Regan	47.29	64	P	02 52 32.9 +0.5	J35A	Miller	52.62	65	P	P	02 53 12.5 -0.4
I25A	baz=306	I25A	Rochford	47.32	69	P	02 52 32.9 -0.1	M33A	Taylor Creek F	52.62	68	P	P	02 53 12.7 -0.2
TLY	comp-Z,5.0nm,1.3s	TLY	Talaya	47.33	303	eP	02 52 33.3 +0.6	P31A	Stockton	52.66	71	P	P	02 53 13.8 +0.5
TLY	comp-Z,17nm,5.0s	TLY	Talaya	47.33	303	eP	02 52 33.3 +0.6	HVS	Khovu-Aksy	52.69	308	eP	P	02 53 14.0 +0.6
MDND	baz=305,SNR=5.8	MDND	Maddock	47.45	63	P	02 52 34.1 +0.4	SPMN	Marine on St.	52.78	62	P	P	02 53 13.5 -0.5
GLA	baz=312	GLA	Glamis	47.46	88	P	02 52 34.3 +0.3	SPMN	Marine on St.	52.78	62	eP	P	02 53 13.8 -0.2
H26A	baz=306	H26A	Fairport	47.53	68	P	02 52 34.2 -0.2	L34A	Svendsen Farm,	52.84	67	P	P	02 53 14.3 -0.2
A30A	baz=304,SNR=7.3	A30A	Hoffart Farm,	47.55	61	P	02 52 34.0 -0.4	S29A	Ulysses	52.87	74	P	P	02 53 15.6 +0.8
G27A	baz=306,SNR=13	G27A	Dupree	47.57	67	P	02 52 34.7 0.0	I36A	Fitzsimmons Fa	52.87	64	P	P	02 53 14.4 -0.4
E28A	baz=305,SNR=5.1	E28A	Huff	47.58	65	P	02 52 35.1 +0.4	CBKS	Cedar Bluff	52.91	72	P	P	02 53 15.4 +0.3
B30A	baz=305,SNR=11	B30A	Mryvik Farm, E	47.81	61	P	02 52 36.2 -0.3	CBKS	Cedar Bluff	52.91	72	eP	P	02 53 15.5 +0.3
I26A	baz=306	I26A	New Underwood	47.83	69	P	02 52 37.0 +0.3	CBKS	Dighton	52.93	73	P	P	02 54 25.0 +1.6
N23A	baz=308,SNR=7.2	N23A	Red Feather La	47.90	74	P	02 52 38.3 +0.8	R30A	Ellis	52.99	72	P	P	02 53 16.7 +0.4
N23A	baz=305	N23A	Red Feather La	47.90	74	eP	02 52 38.3 +0.8	Q31A	Ellis	52.99	72	P	P	02 53 16.2 +0.5
D29A	baz=305	D29A	Pettibone, Tap	47.91	64	P	02 52 37.2 0.0	K35A	Storm Lake	53.01	66	P	P	02 53 15.3 -0.5
F28A	baz=306,SNR=10	F28A	McLaughlin	47.94	66	P	02 52 37.6 +0.1	P32A	Huiting Farm,	53.06	71	P	P	02 53 16.2 0.0
WUAZ	baz=311,SNR=10	WUAZ	Wupatki	47.98	83	P	02 52 38.7 +0.6	T29A	Hugoton	53.06	75	P	P	02 53 16.7 +0.4
WUAZ	comp-Z,9.1nm,0.6s	WUAZ	Wupatki	47.98	83	eP	02 52 38.7 +0.6	H37A	Dierke Farm, C	53.12	62	P	P	02 53 16.6 0.0
SONA1	comp-Z,1.4nm,0.6s,slow=8.0,SNR=8.1	SONA1	Songino Array	48.01	298	eP	02 52 38.2 +0.1	J36A	Seneca 1, Swea	53.13	65	P	P	02 53 16.4 -0.2
SONM	comp-Z,1.4nm,0.6s,slow=8.0,SNR=8.1	SONM	Songino Array	48.02	298	P	02 52 37.3 -1.0	I37A	Leonard, Waseca	53.22	63	P	P	02 53 17.4 +0.1
SONM	comp-Z,8.5nm,1.1s,slow=62,slow=1.7,SNR=12	SONM	Songino Array	48.02	298	P	02 52 37.3 -1.0	L35A	Bielow Farm, R	53.22	66	P	P	02 53 16.6 -0.7
SONM	comp-Z,0.7nm,0.9s,slow=48,slow=2.1,SNR=3.9	SONM	Songino Array	48.02	298	P	02 52 37.3 -1.0	S30A	Montzuma	53.24	74	P	P	02 53 18.1 +0.5

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Son La, Ospaenka, Tifton, NORSAR Subarra, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KRAB, VRI, CFR, MLR, etc. Also includes a section for KRSC 11 02:50:37.611, 0.52:57N, 160:29E, h22km, gkm, ML3.5, Off east coast of Kamchatka Peninsula.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SLA, SLA, SLA, Humahuaca, Zapla, etc. Also includes a section for IJSCJB 11 02:52:26.4, 0.9:6:79N, 0:05:73:08W, h166km, 8km, Error ellipse: s-maj=10.9km s-min=5.1km az=38.2.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for SJG San Juan, AOPR Arecibo Observ, CERRILLOS, etc.

IDC 11 06:07:08.6:3.3,53:48N:87.43E, h0km, mb1.2/4, mb1mx2.4/46, mbtmp2.4/2, Error ellipse: s-maj=38.4km s-min=19.7km az=82.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

IDC 11 06:10:09.9:1.5,21:67N:144.07E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.4/50, mbtmp3.5/4, Error ellipse: s-maj=52.2km s-min=29.5km az=84.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for WRA Warramunga Arr, MKAR Makanchi Array, etc.

NEIC 11 06:14:16.1, 19:54N:65:30W, h97km, MD3.6(RSPR), After RSPR. RSPR 11 06:14:16.1, 19:54N:65:30W, h97km±12km, MD3.6/7, 3C-21D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for STVI Saint Thomas, HUMP Col San Antoni, SJG San Juan, etc.

IDC 11 06:15:31.7:2.1, 5:70S:129.40E, h312km±31km, mb3.4/1, mb1.3/5.5, mb1mx3.0/44, mbtmp4.1/75, Error ellipse: s-maj=51.5km s-min=14.7km az=17.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for SUJI Sorong, FITZ Fitzroy Cross, WRA Warramunga Arr, etc.

IDC 11 06:23:40.5:0.7, 14:84S:66:91E, h0km, mb4.1/15, mb1.4/2/15, mb1mx1.4/40, mbtmp4.1/15, MSJ-97, Ms1.3/9.7, ms1mx3.4/45, Error ellipse: s-maj=23.5km s-min=17.8km az=30.0

ISCJBJ 11 06:23:41.6:0.7, 14:8S:0:1:66:9E:0.1, h16km, mb4.1/18, MSJ-97, Error ellipse: s-maj=19.6km s-min=16.4km az=36.3

NEIC 11 06:23:42.0:2.5, 14:81S:66:91E, h10km, mb4.5/3, Error ellipse: s-maj=15.2km s-min=12.8km az=22.0

ISC 11 06:23:43.3:0.8, 14:8S:0:2:66:9E:0.2, h16km, n34, n077/21, mb4.2/18, MS4.0/7, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for H08S3 Diego Garcia H, H08N3 Diego Garcia H, H08N1 Diego Garcia H, etc.

IDC 11 06:27:56.8:0.7, 11:38N:86:67W, h0km, mb3.9/13, mb1.4/2/14, mb1mx3.9/42, mbtmp3.9/14, ML3.2/2, MS2.6/1, Ms1.2/6.1, ms1mx2.5/32, Error ellipse: s-maj=34.0km s-min=13.1km az=55.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for WRA Warramunga Arr, KURK Kurotoke Array, BRVK Borovoye, etc.

ISCJBJ 11 06:27:57.5:0.5, 11:06N:0:06:87:02W:0:06, h35km, mb4.0/17, Error ellipse: s-maj=11.5km s-min=4.1km az=43.3

CASC 11 06:28:01.0:2.4, 11:07N:87:05W, h36km, 999km, MD4.4, mb4.2(NEIC)

NEIC 11 06:28:02.0:0.9, 11:35N:86:70W, h38km, 99km, mb4.2/5, Error ellipse: s-maj=15.5km s-min=6.3km az=223.0

ISC 11 06:28:02.2:0.7, 11:18N:10:06:91W:0.09, h35km, n42, n096/37, mb4.1/17, 1D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for CMGN Copaltepe, CONGN Cerro Negro, ESTN Estel, etc.

IDC 11 06:29:02.0:0.8, 19:20S:168:30E, h0km, mb4.3/11, mb1.4/6/12, mb1mx3.9/32, Error ellipse: s-maj=24.2km s-min=19.1km az=125.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for TXAR Lajitas Array, TKL Tuckaleechee C, V34A Guthrie, etc.

GCMT 11 07:39:07.2:0.3, 19:20S:168:26E, h12km, MW4.8/83, Moment Tensor Solution, s34,c42, s83,c120, Duration: 0. Moment tensor: Scale: 10^19Nm, Mr=2.17z:0; Mw=2.14z:0; Mw0.03z:0; Mw-0.2z:18; Mw-0.3z:0; Mw-0.4z:24; Best double couple: Mw2.25900z:10^16 NP1:3z87.0000z:0, d49.0000z:0, -1.070000z:0. NP2: z293.0000z:0, s44.0000z:0, -71.0000z:0. Principal axes: T:2.2160, P1g3.000z:0, Azm199.000z:0; N:0.0900, P1g13.000z:0, Azm99.000z:0; P:2.3020, P1g77.000z:0, Azm291.000z:0; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 11 07:39:07.2:0.3, 19:20S:168:31E, h10km, mb5.2/34 Error ellipse: s-maj=8.6km s-min=7.3km az=130.0

ISCJBJ 11 07:39:09.0:0.2, 19:27S:0:04:168:22E:0.05, h33km, mb4.9/46, MS4.0/22, Error ellipse: s-maj=7.0km s-min=4.8km az=42.4

BUI 11 07:39:12.4, 19:84S:168:87E, h95km, mb4.7/30, mb5.1/20 Error ellipse: s-maj=19.1km s-min=15.0km az=130.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for DZM Mont Dzumac, DZM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for CMAR Chiang Mai Arr, PIP Pasuquin, SGCP Mt. Cagua, etc.

ISCJBJ 11 07:09:13.8:0.4, 4:16N:0:04:76:48W:0:04, h134km±4km, mb3.6/7, Error ellipse: s-maj=7.5km s-min=5.9km az=139.8

RSNC 11 07:09:15.7:1.2, 4:16N:76:45W, h119km, 8km, ML3.9, IDC 11 07:09:17.8:1.9, 4:24N:76:31W, h157km, 15km, mb3.5/7, mb1.3/7.11, mb1mx3.4/41, mbtmp4.0/11, Error ellipse: s-maj=26.0km s-min=16.8km az=37.0

ISC 11 07:09:14.6:0.8, 4:17N:0:04:76:48W:0:04, h129km±7km, n28, n124/37, mb3.7/2, 2C-2D, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for MALC Bahia Malaga, TOLE Tolima, GUYC Guyana, etc.

ROSC El Rosal, comp=2.497nm,0.1s 2.25 73 P Pn 07 09 53.8 +1.8

ROSC comp=2.51nm,0.3s, baz=308, slow=1.7, SNR=197 07 10 23.4 +2.7

CRUC La Cruz, comp=2.63nm,0.3s, baz=201, slow=24, SNR=9.1 07 09 57.0 +0.2

CRUC comp=2.226nm,0.6s 07 10 02.0

SJAC San Juan de Ar, comp=2.546nm,0.3s 07 09 58.8 +1.1

CHIC Chingaza, comp=2.148nm,0.7s 07 09 59.5 +1.0

VILC Villavicencio, comp=2.296nm,0.6s 07 10 07.5 -0.4

YOPC Yopal, Colombia, comp=2.82nm,0.6s 07 11 00.2 -0.8

SDV comp=2.3,1nm,0.3s, baz=184, slow=7.1, SNR=32 07 12 20.3 -3.9

NNA Nana, comp=2.6,0nm,0.3s, baz=52, slow=18, SNR=6.8 07 12 56.3 +2.1

PTGA Pitanga, comp=2.0,4nm,0.3s, baz=8, slow=14, SNR=3.9 07 13 07.3 +0.1

PDAR Pinedale Array, comp=2.1,3nm,0.3s, baz=310, slow=20, SNR=14 07 17 44.8 +1.1

NVAR Mina Array Bea, comp=2.1,0nm,0.7s, baz=128, slow=7.5, SNR=9.1 07 18 06.0 +1.9

YKA Yellowknife Arr, comp=2.1,0nm,0.6s, baz=135, slow=6.2, SNR=46 07 19 37.5 -0.6

DBIC Dimbrok, comp=2.1,6nm,0.4s, baz=253, slow=6.2, SNR=9.9 07 20 20.3 -0.4

INK Inuvik, comp=2.0,7nm,0.5s, baz=97, slow=6.3, SNR=7.2 07 20 37.9 -0.1

TORD Torodi Arr, comp=2.0,8nm,0.6s, baz=280, slow=6.2, SNR=11 07 20 56.0 -1.0

ILAR Eielson Array, comp=2.0,7nm,0.7s, baz=115, slow=4.1, SNR=15 07 20 58.1 -0.1

ASAR Alice Springs, comp=2.0,7nm,0.7s, baz=115, slow=4.1, SNR=15 07 28 35.6 -1.0

WRA Warramunga Arr, comp=2.1,6nm,0.9s, baz=103, slow=3.0, SNR=7.4 07 28 39.4 -0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for SJA 11 07:29:42.4:0.5, 31:39S:68:65W, h98km±4km, MD2.8, etc.

Table with columns: HNR, Honiara, 12.66 320, LR, LR, 07 46 42.3, etc. Includes stations like Honiara, Ouhata, Eidsvold, Roma, Afi Afimalu, etc.

Table with columns: CD2, comp=Z, 10.0nm, 0.5s, pmax, pmax, etc. Includes stations like HHC, HHC, HHC, HHC, HHC, etc.

Table with columns: ISC 11 08:04:24.6, 0.9, 24.41N, 0.002, 121.97E, etc. Includes stations like ENA, ENA, EHP, EHP, TWC, TWC, etc.

ISCJB 11 08:04:24.4, 0.5, 24.41N, 0.002, 121.97E, h7km, 4km, Error ellipse: s-maj=4.0km s-min=2.7km az=156.0

ISCJB 11 08:04:37.0, 0.5, 6.31S, 0.05, 149.50E, 0.10, h49km, s-min=6.6km az=19.3, Error ellipse: s-maj=14.3km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR, FITZ, STKA, URZ, RPZ, etc.

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

RSRP 11 08:45:59.5, 18.89N, 68.45W, h152km, 3km, MD3.6/9, 4C-6D, Mona Passage

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCDR, DR12, IDE, etc.

ISCJB 11 08:09:03.7, 0.7, 27.59N, 0.04, 56.62E, 0.06, h10km, 6km, Error ellipse: s-maj=9.3km s-min=7.3km az=16.4

CSEM 11 08:09:03.0, 0.2, 27.60N, 56.63E, h2km, ML3.0, Error ellipse: s-maj=5.8km s-min=3.9km az=108.0

DSN 11 08:09:04.5, 1.1, 27.59N, 56.59E, h10km, mb3.2/4, ML3.7/1, Error ellipse: s-maj=48.2km s-min=9.6km az=105.0

TEH 11 08:09:05.0, 27.61N, 56.61E, h6km, ML3.0, Error ellipse: s-maj=5.8km s-min=3.9km az=108.0

ISC 11 08:08:40.2, 1.1, 27.58N, 0.04, 56.66E, 0.04, h9km, 9km, n37, c086/39, 6C-6D, Southern Iran

ISCJB 11 08:52:45.4, 1.3, 12.3N, 0.2, 88.2W, 0.2, h50km, mb3.9/9, MS3.6/2, Error ellipse: s-maj=38.7km s-min=9.6km

ISC 11 08:52:47.2, 3.4, 12.50N, 88.00W, h38km, 32km, mb3.9/9, mb1.3/1.1, mb1mx3.6/5.3, mbtmp3.8/1.1, ML2.2, MS3.4/3, Ms1.3/4.3, ms1mx2.9/4.3, Error ellipse: s-maj=52.7km s-min=23.4km az=37.0

ISC 11 08:52:47.9, 1.1, 12.4N, 0.2, 88.1W, 0.2, h50km, n15, r1919/15, mb3.9/9, Off coast of central America

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

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

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

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

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

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

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

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

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

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

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

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

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

ISCJB 11 08:18:50.7, 1.0, 83.1N, 0.2, 113.6E, h10km, mb3.4/7, MS3.9/1, Error ellipse: s-maj=23.3km s-min=15.1km az=163.0

MOS 11 08:18:50.8, 1.1, 83.10N, 116.29E, h10km, mb4.1/2, Error ellipse: s-maj=99.9km s-min=33.3km az=89.8

ISC 11 08:18:50.8, 1.2, 83.15N, 116.30E, h0km, mb3.5/7, mb1.3/7, mb1mx3.4/4.6, mbtmp3.5/7, MS3.9/1, Ms1.3/8, ms1mx2.6/3.7, Error ellipse: s-maj=42.7km s-min=19.5km az=162.0

ISC 11 08:18:52.1, 1.1, 83.1N, 0.2, 116.5E, 0.2, h10km, n10, r131/8, mb3.4/7, North of Severnaya Zemlya

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

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

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

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

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

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

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

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

ISC 11 09:06:07.0, 3.0, 53.72N, 88.06E, h0km, mb1.3/2, mb1mx3.0/5.7, mbtmp3.3/2, ML3.1/2, Error ellipse: s-maj=23.9km s-min=15.7km az=56.0, Southwestern Siberia

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

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

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

NIED 11 09:14:00.27, 80N, 143.70E, h5km, Mw3.9 Best double couple: M7.210000*10^4 NP1.0=137.00000, 348.00000, z=120.00000, NP2.0=358.00000, 350.00000, z=61.00000

ISC 11 09:14:49.8, 1.1, 27.73N, 143.89E, h0km, mb3.9/13, mb1.4/0.1/7, mb1mx3.9/6.1, mbtmp3.9/6.1, ML4.0/3, MS4.0/1, Ms1.4/0.1, ms1mx2.5/6.2, Error ellipse: s-maj=28.4km s-min=19.5km az=175.0

NEIC 11 09:14:51.0, 5.0, 6.2774N, 143.86E, h10km, mb4.3/2, Error ellipse: s-maj=12.5km s-min=10.0km az=162.0

JMA 11 09:14:53.0, 2.0, 27.81N, 143.72E, h38km, M4.3, ISCJB 11 09:14:54.3, 0.6, 27.91N, 0.0, 143.42E, 0.0, h6, h33km, mb4.0/15, MS4.1/1, Error ellipse: s-maj=8.2km s-min=3.8km az=15.7

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BSO2, BSO3, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H112, H111, etc.

SAO	comp=Z,100nm,1.5s	83.45	50	eP	P	09 28 12.9	+0.7
BPAW	San Andreas Ge	83.49	17	eP	P	09 28 10.8	-1.0
RND	Bear Paw Mtn, comp=Z,0.9nm,1.0s	83.60	18	eP	P	09 28 12.3	-0.2
RND	Reindeer comp=Z,1.79nm,0.8s	83.82	18	eP	P	09 29 04.6	-2.1
MCK	McKinley comp=Z,2.06nm,1.2s	83.82	18	eP	P	09 28 13.0	-0.5
MCK	Denali Highway comp=Z,6.7nm,0.9s	83.82	19	eP	P	09 29 07.7	-0.3
DHY	Cave Junction, baz=246	84.00	44	eP	P	09 28 15.0	+0.1
SMMC	Simmler baz=249	84.01	52	eP	P	09 28 15.5	+0.4
HARP	HAARP comp=Z,6.7nm,0.9s	84.08	20	eP	P	09 28 14.8	0.0
HARP	Whiskeytown Da	84.11	46	eP	P	09 29 08.3	-0.8
WDC	Trinity Center baz=247,SNR=22	84.14	46	eP	P	09 28 16.0	+0.5
NO2D	Callahan	84.21	45	eP	P	09 29 08.7	-1.1
M02C	Manley baz=247,SNR=19	84.21	45	eP	P	09 28 16.6	+0.6
MLY	Manley comp=Z,7.5nm,1.0s	84.27	17	eP	P	09 28 15.4	-0.4
MLY	Pinnacle comp=Z,1.49nm,1.0s	84.32	24	eP	P	09 29 09.9	-0.2
PCA	Paxson comp=Z,1.32nm,1.8s	84.36	20	eP	P	09 28 16.2	0.0
PAX	Zakamensk	84.38	325	eP	P	09 28 16.3	-0.4
ZAK						09 38 17.5	
ZAK							
OHCM	comp=Z,128nm,1.2s	84.38	48	eP	P	09 28 17.0	+0.2
OHCM	Honcuit	84.44	48	eP	P	09 29 08.7	-2.4
YBH	Yreka Blue Hor comp=Z,2.1nm,1.1s,baz=200,slow=1.8,SNR=33	84.44	45	eP	P	09 28 17.8	+0.5
YBH	Yreka Blue Hor	84.44	45	eP	P	09 28 17.8	+0.5
YBH	Oroville	84.45	47	eP	P	09 28 17.2	0.0
ORV		84.45	47	eP	P	09 29 09.7	-1.8
IRK	Deception Hill comp=Z,1.37nm,1.4s	84.52	25	eP	P	09 28 17.7	+0.6
OH3D	Paynes Creek baz=248,SNR=16	84.52	47	eP	P	09 28 17.7	0.0
CIS	Catalina Islan	84.59	54	eP	P	09 28 17.6	-0.5
AFDM	Forest Hills D	84.61	48	eP	P	09 28 18.1	+0.1
AFDM	Wood River Hill comp=Z,1.26nm,0.9s	84.61	18	eP	P	09 29 09.2	-3.2
WRH		84.61	18	eP	P	09 28 16.7	-0.7
WRH	Hull Mountain comp=Z,4.2nm,1.3s	84.62	44	eP	P	09 29 11.7	-0.1
HUMO		84.62	44	eP	P	09 28 18.8	+0.8
IRK	Irkutsk	84.74	327	eP	P	09 28 16.9	-1.4
IRK							
LSA	comp=Z,202nm,2.0s	84.78	302	eP	P	09 28 20.5	+0.8
LSA	Lhasa comp=Z,64nm,0.8s	84.78	302	eP	P	09 28 20.5	+0.8
I03D	Drain, OR baz=246	84.79	43	eP	P	09 28 18.9	+0.1
TLY	Talaya comp=Z,82nm,0.7s,baz=151,slow=3.7,SNR=109	84.80	326	eP	P	09 28 18.4	-0.3
TLY	Talaya	84.80	326	eP	P	09 28 18.7	0.0
TLY	comp=Z,121nm,0.9s	84.80	326	eP	P	09 28 18.1	-0.6
TLY	Talaya comp=Z,910nm,0.8s,SNR=30	84.80	326	eP	P	09 28 19.0	+0.3
TLY	Talaya SNR=50	84.80	326	eP	P	09 28 19.0	+0.3
TLY	Talaya SNR=50	84.80	326	eP	P	09 28 18.6	0.0
CCB	Clear Creek Bu comp=Z,7.8nm,0.8s	84.83	18	eP	P	09 28 17.6	-0.8
CCB	Arvin	84.85	52	eP	P	09 29 10.1	-2.8
ARVC		84.85	52	eP	P	09 28 19.5	+0.2
VES	Vestal, Richgr baz=250	84.90	52	eP	P	09 28 19.5	0.0
HDA	Harding Lake comp=Z,2.25nm,1.0s	84.91	18	eP	P	09 28 18.6	-0.3
HDA	Murphy Dome	84.93	17	eP	P	09 29 11.8	-1.5
MDM		84.93	17	eP	P	09 28 18.2	-0.8
MDM	Reactor, Farmer baz=250	84.94	51	eP	P	09 29 11.3	-2.2
COLA	College	84.98	18	eP	P	09 28 18.2	-1.0
COLA	comp=Z,127nm,0.9s	84.98	18	eP	P	09 28 18.3	-0.9
COLA	comp=Z,185nm,1.0s	84.98	18	eP	P	09 28 18.3	-0.9
COLA	Macdoel baz=247,SNR=13	85.06	45	eP	P	09 29 11.5	-2.1
M04C		85.06	45	eP	P	09 28 20.9	+0.5
ILAR	Eielson Array	85.19	18	eP	P	09 28 19.2	-1.1
ILAR	comp=Z,60nm,0.7s,baz=239,slow=4.9,SNR=520	85.19	18	eP	P	09 33 29.3	-0.7
ILAR	comp=Z,0.5nm,0.7s,baz=290,slow=3.4,SNR=4.3	85.19	18	eP	P	09 33 24.4	-6.3
ILAR	comp=Z,1.9nm,0.9s,baz=234,slow=1.0,SNR=9.9	85.19	18	eP	P	09 46 14.8	-5.8
ILAR	comp=Z,0.3nm,0.6s,baz=273,slow=2.3,SNR=4.4	85.19	18	eP	P	09 46 24.5	-4.0
ILAR	comp=Z,1.8nm,1.0s,baz=219,slow=3.5,SNR=12	85.19	18	eP	P	09 54 27.8	-3.3
ILAR	comp=Z,2.4nm,1.1s,baz=6.3,slow=1.5,SNR=8.2	85.19	18	eP	P	09 28 19.2	-1.1
ILB	Eielson Array	85.19	18	eP	P	09 29 11.2	-3.5
ILB	Eielson Array	85.19	18	eP	P	09 28 19.0	-1.3
IL1	Eielson Array	85.19	18	eP	P	09 29 11.9	-2.8
DOT	Dot Lake comp=Z,145nm,0.8s	85.29	20	eP	P	09 28 20.8	-0.1
ISA	Isabella, Lake	85.30	52	eP	P	09 29 13.7	-1.6
EDW	Edwards Air Fo	85.41	53	eP	P	09 28 22.2	0.0
J04D	Umpqua Nationa	85.44	44	eP	P	09 28 22.3	+0.1
K04D	Chiloquin, OR	85.44	44	eP	P	09 28 22.4	+0.1
G03D	McMinnville, O	85.46	42	eP	P	09 28 22.6	+0.5
BFC	Mount Baldy Ra	85.46	53	eP	P	09 28 22.5	0.0
MUR	Murieta	85.51	54	eP	P	09 28 22.8	-0.3
MLAC	Mammoth, Mammo	85.50	50	eP	P	09 28 23.4	-0.4
LRCM	Laurel Mtn Rad	85.84	52	eP	P	09 28 24.3	0.0
SKAG	Skagway	85.93	26	eP	P	09 28 24.1	+0.1
SKAG	Detroit Lake	85.95	42	eP	P	09 29 19.9	+1.4
H04A	Monop2 Monument Peak	86.00	55	eP	P	09 28 24.5	0.0
BBRC	Big Bear Solar	86.04	54	eP	P	09 28 24.8	-0.5
J05D	Fort Rock, OR	86.05	44	eP	P	09 28 25.8	+0.6
K05A	Summer Lake	86.07	45	eP	P	09 28 25.9	+0.6
COLD	Coldfoot comp=Z,7.0nm,1.0s	86.07	15	eP	P	09 28 25.5	+0.9
COLD	Modoc Plateau comp=Z,7.4nm,1.6s	86.17	46	eP	P	09 29 16.2	-2.9
RRX	Edison Barstow	86.18	53	eP	P	09 28 26.0	+0.2
DAC	Darwin (Carlif)	86.18	52	eP	P	09 28 25.9	0.0
DAC	Imperial Bould	86.19	55	eP	P	09 28 23.8	+3.2
MPMC	Manual Prospec	86.19	52	eP	P	09 28 26.1	0.0
PFO	Pinyon Flats O	86.20	54	eP	P	09 28 26.0	-0.2
PFO	comp=Z,3.9nm,1.2s,baz=305,slow=5.4,SNR=5.4	86.20	54	eP	P	09 28 25.4	-0.7
PFO	Pinyon Flats O	86.20	54	eP	P	09 28 25.9	-0.3

PFO	Pinyon Flats O	86.20	54	eP	P	09 28 25.4	-0.7
PFO	comp=Z,3.9nm,1.2s,baz=305,slow=5.4,SNR=5.4	86.20	54	eP	P	09 28 25.4	-0.7
PFO	Pinyon Flats O	86.20	54	eP	P	09 28 25.9	-0.3
MOY	Mondy	86.25	325	eP	P	09 28 25.6	-2.8
MOY	comp=Z,1.00nm,2.4s	86.29	41	eP	P	09 29 19.7	-0.9
F04A	Amboy	86.29	41	eP	P	09 28 25.6	-0.4
F04A	Mina Array Sit	86.37	49	eP	P	09 28 25.9	-0.2
NV01	Mina Array Bea	86.37	49	eP	P	09 29 19.4	-1.2
NVAR	comp=Z,4.2nm,0.8s,baz=233,slow=7.3,SNR=30	86.49	37	eP	P	09 28 27.3	+0.3
NVAR	comp=Z,1.4nm,0.7s,baz=76,slow=3.1,SNR=10.0	86.49	37	eP	P	09 28 27.3	+0.3
NVAR	comp=Z,2.5nm,0.9s,baz=48,slow=1.3,SNR=7.5	86.49	37	eP	P	09 46 23.4	-1.2
I05D	Terrebonne, OR	86.37	43	eP	P	09 54 27.6	-2.8
GSC	Goldstone, Bar	86.47	53	eP	P	09 28 26.7	0.0
NV11	Mina Array Sit	86.48	49	eP	P	09 28 27.6	+0.2
NV11	comp=Z,7.8nm,1.8s	86.48	49	eP	P	09 28 27.7	+0.2
SWSC	Sam W. Stewart	86.51	55	eP	P	09 28 27.8	+0.3
GRAC	Grapevine Rang	86.59	51	eP	P	09 28 28.1	+0.2
BELC	Belle Mtn. Jos	86.68	54	eP	P	09 28 28.4	-0.2
HEC	Hecker, Ludlow	86.69	53	eP	P	09 28 28.5	0.0
G05D	Wamic, OR	86.73	42	eP	P	09 28 28.5	+0.2
FURC	Furnace Creek, baz=251	86.80	52	eP	P	09 28 28.8	0.0
FYU	Fort Yukon	86.95	17	eP	P	09 28 28.8	0.0
TAPN	Taplejung	86.97	299	eP	P	09 28 30.2	0.0
EGAK	Eagle	87.00	20	eP	P	09 28 30.2	0.0
EGAK	comp=Z,1.60nm,1.0s	87.00	20	eP	P	09 28 28.4	-0.7
EGAK	Longmire	87.00	41	eP	P	09 29 22.7	-1.0
LOH	comp=Z,2.8nm,1.4s	87.01	51	eP	P	09 28 28.9	-0.7
BC3	Big Chuckwalk	87.01	55	eP	P	09 28 29.8	-0.3
SHOC	Shoshone, Teco	87.06	52	eP	P	09 28 30.2	0.0
ODAN	Odare	87.10	298	eP	P	09 28 30.7	-0.1
DAWY	Dawson	87.14	21	eP	P	09 28 29.5	-0.4
DAWY	comp=Z,2.3nm,1.0s	87.14	21	eP	P	09 29 24.5	0.0
G06A	Carlson Farm,	87.18	42	eP	P	09 28 30.8	+0.3
G06A		87.18	42	eP	P	09 29 23.1	-2.1
GMRC	Granite Mounta	87.19	53	eP	P	09 28 30.4	-0.5
TUQ	Turquoise Moun	87.19	53	eP	P	09 28 30.4	-0.5
A04D	Lummi Island	87.22	39	eP	P	09 28 30.7	+0.2
GLA	Iron Mountain	87.32	55	eP	P	09 28 31.4	-0.1
IRM	Iron Mountain	87.40	54	eP	P	09 28 31.9	+0.1
B05A	Bryant	87.41	39	eP	P	09 28 31.5	0.0
TPNV	Topopah Spring	87.42	51	eP	P	09 28 31.9	-0.2
TPNV	Topopah Spring	87.42	51	eP	P	09 28 32.8	+0.7
WVOR	Wild Horse Val	87.52	45	eP	P	09 28 32.6	+0.3
WVOR		87.52	45	eP	P	09 29 30.1	+3.1
DLBC	Dease Lake	87.70	28	eP	P	09 28 31.3	-1.4
DLBC		87.70	28	eP	P	09 29 28.7	+1.2
Y12C	Blythe	87.77	55	eP	P	09 28 33.9	+0.4
Y12C	Blythe	87.77	55	eP	P	09 28 33.9	+0.4
RAMN	Ramite	87.81	298	eP	P	09 28 33.8	-0.4
BMN	Battle Mountai	87.83	48	eP	P	09 28 33.8	-0.1
BMN	comp=Z,2.9nm,1.3s	87.83	48	eP	P	09 29 31.7	+3.0
J08A	Circle Bar Ran	87.95	45	eP	P	09 28 33.8	-0.4
J08A		87.95	45	eP	P	09 28 32.9	+2.9
NEE2	Needles Airpor	88.00	54	eP	P	09 28 34.7	+0.1
C06D	Leavenworth	88.02	40	eP	P	09 28 34.8	+0.4
113A	Mohawk Valley,	88.09	56	eP	P	09 28 35.0	0.0
SHRP	Sheep Range	88.11	52	eP	P	09 28 35.7	+0.4
SHRP		88.11	52	eP	P	09 29 32.9	+2.8
E07A	Sunnyside	88.17	41	eP	P	09 29 32.4	+2.5
E07A		88.17	41	eP	P	09 28 36.0	+0.2
PDMCI	Parker Dam,Lak	88.24	54	eP	P	09 28 36.0	+0.2
G08A	Pilot Rock	88.30	43	eP	P	09 28 35.9	0.0
G08A		88.30	43	eP	P	09 28 36.2	+0.4
HAWA	Hanford	88.32	42	eP	P	09 29 30.7	0.0
HAWA		88.32	42	eP	P	09 28 36.8	-0.1
J1RN	Jiri	88.35	299	eP	P	09 28 36.3	-0.2
R11A	Troy Canyon, C	88.36	50	eP	P	09 28 36.7	+0.2
R11A	Troy Canyon, C	88.36	50	eP	P	09 28 36.7	+0.2
R11A	comp=Z,2.0nm,1.4s	88.36	50	eP	P	09 29 30.0	-1.3
214A	Organ Pipe Nat						

Table of astronomical observations for January 2011, including stations like BRG, PVCC, VRAC, and various comet/asteroid observations with station names, coordinates, and observation times.

Table of astronomical observations for January 2011, including stations like TIP, CUC, RSL, ANI, BGO, and various comet/asteroid observations with station names, coordinates, and observation times.

Table of astronomical observations for January 2011, including stations like KURBB, MKAR, IDC, NNC, and various comet/asteroid observations with station names, coordinates, and observation times.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HUIG Huatulco, HSPB Hornsund, SPA0 Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HSPB Hornsund, SPA0 Spitsbergen Ar, ARCES Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSI Gunungsitoli, PSI Prapat, MLI Meulaboh, etc.

ISCJB 11 10:51:39.5-1.0, 28°30'S; 0°04.69'32W; 0°05, h115km, 11km, Error ellipse: s-maj=8.1km s-min=5.3km az=39.5

SJA 11 10:51:39.3±1.1, 28°30'S; 69°31'W, h114km, 8km, ML3.4, MW3.5

GUC 11 10:51:40.3±0.5, 28°31'S; 69°33'W, h113km, 12km, ML3.1

ISC 11 10:51:39.6±1.7, 28°28'S; 0°05.69'32W; 0.04, h119km, 16km, n14, 0°08'26", 1C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VCA Vinchina, VCA Copiapo, VCA Vach, etc.

CSEM 11 10:53:09.1, 40°70'N; 41°26'E, h7km, MD2.7, Suspected Mining explosion.

DDA 11 10:53:09.2, 40°70'N; 41°26'E, h7km, MD2.7, Suspected Mining explosion., Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DDEM Demirkent, DBAD Bademkaya, etc.

ISCJB 11 10:58:33.8±0.6, 33°12'N; 0°02.35'51E; 0°05, h2km, 6km, Error ellipse: s-maj=7.1km s-min=3.7km az=13.6

GII 11 10:58:34.6±0.0, 33°05'N; 35°43'E, h2km, MD2.1/4

CSEM 11 10:58:34.1±0.1, 33°13'N; 35°51'E, h2km, MD2.1, Error ellipse: s-maj=3.1km s-min=1.5km az=106.0

GRAL 11 10:58:35.2±0.5, 33°12'N; 35°47'E, h0km, 0km, MD2.9

ISC 11 10:58:34.4±1.0, 33°13'N; 0°02.35'49E; 0.04, h8km, 10km, n28, 0°42'48", Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNTI Hanita, NAQL Naqoura, etc.

ISK 11 10:33:40.7, 38°70'N; 40°07'E, h9km, MD2.9

CSEM 11 10:33:41.5±0.2, 38°66'N; 40°03'E, h5km, MD2.9, Error ellipse: s-maj=6.5km s-min=5.3km az=58.0

DDA 11 10:33:41.1, 38°73'N; 40°04'E, h7km, Md3.1

ISC 11 10:33:41.0±1.1, 38°68'N; 0°02.40'00E; 0.02, h7km, 10km, n36, 0°08'17", Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BINT Bingol, TNCL Tunceli-Merkez, etc.

ISCJB 11 10:40:10.7±0.6, 76°18'N; 0°05.8'2E; 0°2, h10km, mb3.5/8, MS3.5/26, Error ellipse: s-maj=8.3km s-min=5.9km az=38.0

CSEM 10:40:10.7±0.5, 76°10'N; 7°59'E, h10km, ML3.2, Error ellipse: s-maj=15.1km s-min=11.6km az=155.0

ISC 11 10:40:12.0±0.8, 76°11'N; 7°46'E, h0km, mb3.5/8, mb1.3/8/12, mb1mx3.6/43, mbtmp3.6/12, ML3.1/4, MS3.5/33, Ms1.3/3/33, ms1mx3.4/56, Error ellipse: s-maj=18.6km

s-min=13.1km az=74.0

BER 11 10:40:13.9±2.9, 76°19'N; 7°69'E, h10km, MD2.6, ML2.2, ML3.2(N/AO)

NAO 11 10:40:15.6±2.1, 76°18'N; 9°39'E, ML3.2

ISC 11 10:40:11.7±0.6, 76°15'N; 0°05.78'E; 0.06, h10km, n62, 0°27'46", mb3.4/8, MS3.5/26, Svalbard region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HSPB Hornsund, SPA0 Spitsbergen Ar, ARCES Array S, etc.

IDC 11 10:49:58.1±1.7, 0°97'N; 24'E, h0km, mb3.7/5, mb1.3/8/7, mb1mx3.6/49, mbtmp3.7/7, ML4.5/2, MS2.8/2, Ms1.3/0/2, ms1mx2.6/44, Error ellipse: s-maj=50.3km s-min=20.4km az=60.0

DJA 11 10:50:02.1±1.6, 1°N; 9°7'E; 1°0, h23km, 9km, M3.6/5, ML3.5/5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arra, AKTO Aktyubinsk, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KBG Krutoberegovo, ZLN Zelenaya, ZLN Zelenaya, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PET Petropavlovsk, OSSR Oссора, PETK Petropavlovsk, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ILAR Eielson Array, SONM Songino Array, ARCES ARCES Array B, etc.

SJA 11 13:49:23.0, 2.0, 21.773S:69.93W, h33km, ML3.2, MW3.7, GUC 11 13:49:38.0, 6.0, 22.44AS:68.86W, h98km, 6km, ML4.1, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, PB01 IPOC Station P, etc.

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

NEIC 11 13:51:13.8, 16.28N-99.48W, h17km, MD4.2(MEX), After MEX

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AC2P Acapulco, CAIG El Cayaco, CAIG El Cayaco, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AC2P Acapulco, CAIG El Cayaco, CAIG El Cayaco, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ESDC Sonseca Array, AKASA Main Array B, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, INK Inuvik, TORO Torodi Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, ILAR Eielson Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ILAR Eielson Array, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CAVI Cavuskovy, CAVI Cavuskovy, GORA Eskisehir, etc.

ISCJB 11 14:13:41.2, 0.3, 60.30N:0.02:152.33W:0.05, h191km, 3km, mb3.4/4, Error ellipse: s-maj=4.5km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like REF Redoubt East F, RSO Redoubt South, RDN Redoubt North, etc.

NEIC 11 14:13:43.5, 60.30N:152.36W, h108km, MG3.2(AEIC), After AEIC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like REF Redoubt East F, RSO Redoubt South, RDN Redoubt North, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRF Thorofare Moun, KTV Kantishna Hill, DIV Divide, etc.

IDC 11 14:23:33.4z, 2.5, 11.03S, 167.15E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/3, mbtmp3.8/5, ML3.8/1, MS3.5/8, Ms1 3.5/8, ms1mx3.2/31, Error ellipse: s-maj=83.4km s-min=32.2km az=12.0, Ascension Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR Port Moresby, PMG Port Moresby, etc.

GUC 11 14:35:03.0z, 4.24, 22S, 67.19W, h177km, 18km, ML3.9, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, PB06 IPOC Station P, etc.

MEX 11 15:07:34.9z, 0.4, 15.96N, 98.43W, h16km, 13km, MD4.4, Off coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TLIG Tlapa, TLIG Tlapa, HMTT Tlapateco, etc.

IDC 11 15:13:09.1z, 2.0, 6.29S, 130.94E, h0km, mb3.8/1, mb1 4.0/3, mb1mx3.5/20, mbtmp3.8/3, ML3.7/2, Error ellipse: s-maj=91.7km s-min=30.3km az=71.0, ISCJB 11 15:13:24.0z, 0.7, 16S, 0.05, 129.7E, 0.1, h150km, mb3.5/1, Error ellipse: s-maj=16.2km s-min=6.2km az=12.4, DJA 11 15:13:27.0z, 0.8, 7.5S, 133.0E, 1.0, h167km, 22km, M4.3/5, mB5.1/2, mb4.3/3, MLV4.3/5, Mw(mB)4.4/2, ISC 11 15:13:26.9z, 1.4, 7.01S, 0.07, 129.6E, 0.1, h150km, n10, a=127/12, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAUK Saumalaki, SAUK Saumalaki, FAU1 Fak Fak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KMPI 120nm, 0.9s, 6j, 0.6nm, SJJI Sorong, etc.

WEL 11 15:17:04.0z, 0.4, 36.92S, 178.17E, h33km, ML3.5/4, 4C-1D, Error ellipse: s-maj=3.5km s-min=3.0km az=90.0, Off east coast of North Island

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

IDC 11 15:41:32.7z, 4.2, 6.42S, 10.94W, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.6/4, mbtmp3.8/6, ML3.4/1, MS4.1/1, Ms1 4.1/1, ms1mx3.2/44, Error ellipse: s-maj=102.8km s-min=33.9km az=72.0, Ascension Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H10N1 ASCENSION HYDR 3.79 248 T, H10N2 ASCENSION HYDR 3.81 248 T, etc.

IDC 11 15:43:18.7z, 1.4, 6.42S, 10.59W, h0km, mb4.0/5, mb1 4.1/5, mb1mx3.6/38, mbtmp4.0/5, Error ellipse: s-maj=36.1km s-min=29.8km az=143.0, Ascension Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H10N1 ASCENSION HYDR 4.12 250 T, H10N2 ASCENSION HYDR 4.12 250 T, etc.

ISCJB 11 15:45:31.4z, 0.8, 6.3S, 0.1, 10.8W, 0.1, h10km, mb4.1/16, MS4.1/16, Error ellipse: s-maj=19.3km s-min=15.0km az=161.5, IDC 11 15:45:31.4z, 1.1, 6.25S, 10.64W, h0km, mb4.0/12, mb1 4.1/12, mb1mx3.9/32, mbtmp4.0/12, MS4.1/17, Ms1 4.1/17, ms1mx3.9/33, Error ellipse: s-maj=32.0km s-min=21.1km az=102.0, NEIC 11 15:45:32.6z, 0.9, 6.4S, 10.75W, h10km, mb4.6/1, Error ellipse: s-maj=20.2km s-min=17.0km az=82.0, GCMT 11 15:45:32.0z, 0.3, 6.38S, 11.28W, h17km, 1km, MW5.0/89,

Moment Tensor Solution, s27c30: s89c122; Duration: 0. Moment tensor: Scale 10^19Nm, Mr-3.50z, 22; Mw0.30z, 13; Mw3.20z, 16; Mw1.44z, 39; Mw0.26z, 09; Mw0.50z, 35; Best double couple: Ms3.63600/10^16 NP1: 0.194, 0.00000, 0.851, 0.00000, -0.66, 0.00000. NP2: 0.338, 0.00000, 0.845, 0.00000, -1.17, 0.00000. Principal axes: T 3.2460, Plg4.0000, Azm267.0000; N 0.7840, Plg19.0000, Azm358.0000; P -4.2070, Plg71.0000, Azm166.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. ISC 11 15:45:33.1z, 0.9, 6.35S, 0.2, 10.8W, 0.1, h10km, n36, r1855/17, mb4.2/16, MS4.2/16, 1D, Ascension Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H10N1 ASCENSION HYDR 4.00 247 T, H10N2 ASCENSION HYDR 4.00 248 T, etc.

IDC 11 15:46:44.2z, 0.9, 38.71N, 22.20E, h0km, mb3.6/11, mb1 3.8/15, mb1mx3.6/53, mbtmp3.6/15, ML3.6/4, Error ellipse: s-maj=17.4km s-min=16.8km az=69.0, ATH 11 15:46:45.8z, 38.75N, 22.20E, h23km, MD3.4/20, ML3.7 THE 11 15:46:46.1z, 38.75N, 22.22E, h6km, 1km, ML3.8/21, Error ellipse: s-maj=1.1km s-min=0.5km az=172.0, ISCJB 11 15:46:46.2z, 0.2, 38.76N, 0.01, 22.20E, 0.02, h19km, 2km, mb3.6/10, Error ellipse: s-maj=2.2km s-min=1.9km az=135.2, CSEM 11 15:46:46.4z, 0.1, 38.74N, 22.23E, h10km, MD3.4, Error ellipse: s-maj=2.2km s-min=1.9km az=45.0, SOF 11 15:46:57.0z, 39.59N, 22.77E, h2km, ISC 11 15:46:46.5z, 0.8, 38.75N, 0.01, 22.20E, 0.01, h14km, 5km, n251, r1913/326, mb3.7/10, 18C-21D, Greece

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

Table with columns: PFO, Pinyon Flats O, 7.63 328 Lg, Lg, 16 42 55.0, etc. Includes stations like ANMO, NVAR, ELK, PDAR, etc.

Table with columns: ENTT, Nioudou, 1.15 234 P, Pn, 17 22 56.6 +0.5, etc. Includes stations like ENA, NSK, NNS, etc.

Table with columns: DZM, Mont Dzumac, 3.21 218 Pn, Pn, 17 36 57.4 +0.8, etc. Includes stations like DZM, AFI, ASAR, etc.

SJA 11 16:42:40.2±0.6, 34.715S; 70.59W, h74km, 36km, MD3.4

ISCJB 11 17:34:19.0±0.5, 9.42S; 0.05E; 120.70E±0.04, h33km, mb4.9/7, Error ellipse: s-maj=0.8km s-min=5.9km

IDC 11 17:48:58.2±2.3, 6.07S; 128.92E, h331km, 37km, mb2.9/2, mb1 3.4/6, mb1mx3.0/39, mbtmp4.0/76, Error ellipse: s-maj=53.0km s-min=17.1km az=48.0, Banda Sea

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, etc. Includes stations like CHCH, ANTU, LNV, etc.

ISCJB 11 17:34:19.0±0.5, 9.42S; 0.05E; 120.70E±0.04, h33km, mb4.9/7, Error ellipse: s-maj=0.8km s-min=5.9km

DJA 11 17:34:22.7±0.4, 9.56S; 121.1E±, h177km, 8km, M4.7/8, mb5.0/2, MLV4.5/8

IDC 11 17:34:22.3±1.0, 9.16S; 120.77E, h50km, 6km, mb3.9/4, mb1 3.9/6, mb1mx3.5/38, mbtmp4.1/6, MS2.7/1, Ms1 2.7/1, ms1mx2.4/37, Error ellipse: s-maj=103.2km s-min=17.7km az=60.0

NEIC 11 17:34:23.5±1.4, 9.34S; 120.73E, h68km, 14km, mb4.3/4, Error ellipse: s-maj=21.6km s-min=10.1km az=61.0

ISC 11 17:34:21.6±0.6, 9.28S; 0.06E; 120.82E±0.04, h35km, n28, ±209/32, mb4.4/7, Sumba region

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, etc. Includes stations like SIJI, FITZ, WRA, etc.

KRSL 11 17:51:20.1±1.3, 4.99N; 156.54E, h30km, 14km, ML3.9, Kuril Islands

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, etc. Includes stations like SKR, PAU, ASAC, etc.

ISCJB 11 17:53:42.8±0.7, 21.4S; 0.1E; 176.6W±0.1, h183km, mb4.1/13, Error ellipse: s-maj=17.2km s-min=15.1km az=137.8

IDC 11 17:53:45.7±6.6, 21.33S; 176.59W, h199km, 58km, mb3.8/11, mb1 3.9/12, mb1mx3.7/33, mbtmp4.3/12, Error ellipse: s-maj=24.9km s-min=17.5km az=45.0

NEIC 11 17:53:50.2±4.0, 21.41S; 170.63W, h242km, 36km, mb4.2/3, Error ellipse: s-maj=20.1km s-min=14.3km az=47.0

ISC 11 17:53:43.8±0.6, 21.33S; 0.1E; 176.5W±0.1, h183km, n28, ±1510/28, mb4.2/13, Fiji Islands region

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, etc. Includes stations like DZM, URZ, RPZ, etc.

ISCJB 11 17:06:13.9±0.8, 6.0N; 0.2E; 123.8E±0.3, h550km, mb3.6/7, Error ellipse: s-maj=38.9km s-min=11.9km az=150.2

IDC 11 17:06:15.3±1.8, 6.04N; 0.23E; 123.94E, h549km, 24km, mb3.0/7, mb1 3.1/8, mb1mx2.8/41, mbtmp3.9/8, Error ellipse: s-maj=44.5km s-min=11.5km az=64.0

ISC 11 17:06:15.3±0.9, 6.1N; 0.2E; 123.9E±0.3, h550km, n8, ±635/10, mb3.7/7, Mindanao

ISCJB 11 17:34:19.0±0.5, 9.42S; 0.05E; 120.70E±0.04, h33km, mb4.9/7, Error ellipse: s-maj=0.8km s-min=5.9km

ISCJB 11 17:34:22.7±0.4, 9.56S; 121.1E±, h177km, 8km, M4.7/8, mb5.0/2, MLV4.5/8

IDC 11 17:34:22.3±1.0, 9.16S; 120.77E, h50km, 6km, mb3.9/4, mb1 3.9/6, mb1mx3.5/38, mbtmp4.1/6, MS2.7/1, Ms1 2.7/1, ms1mx2.4/37, Error ellipse: s-maj=103.2km s-min=17.7km az=60.0

NEIC 11 17:34:23.5±1.4, 9.34S; 120.73E, h68km, 14km, mb4.3/4, Error ellipse: s-maj=21.6km s-min=10.1km az=61.0

ISC 11 17:34:21.6±0.6, 9.28S; 0.06E; 120.82E±0.04, h35km, n28, ±209/32, mb4.4/7, Sumba region

ISCJB 11 17:06:13.9±0.8, 6.0N; 0.2E; 123.8E±0.3, h550km, mb3.6/7, Error ellipse: s-maj=38.9km s-min=11.9km az=150.2

IDC 11 17:06:15.3±1.8, 6.04N; 0.23E; 123.94E, h549km, 24km, mb3.0/7, mb1 3.1/8, mb1mx2.8/41, mbtmp3.9/8, Error ellipse: s-maj=44.5km s-min=11.5km az=64.0

ISC 11 17:06:15.3±0.9, 6.1N; 0.2E; 123.9E±0.3, h550km, n8, ±635/10, mb3.7/7, Mindanao

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, etc. Includes stations like SIJI, FITZ, CMAR, etc.

ISCJB 11 17:06:13.9±0.8, 6.0N; 0.2E; 123.8E±0.3, h550km, mb3.6/7, Error ellipse: s-maj=38.9km s-min=11.9km az=150.2

IDC 11 17:06:15.3±1.8, 6.04N; 0.23E; 123.94E, h549km, 24km, mb3.0/7, mb1 3.1/8, mb1mx2.8/41, mbtmp3.9/8, Error ellipse: s-maj=44.5km s-min=11.5km az=64.0

ISC 11 17:06:15.3±0.9, 6.1N; 0.2E; 123.9E±0.3, h550km, n8, ±635/10, mb3.7/7, Mindanao

ISCJB 11 17:06:13.9±0.8, 6.0N; 0.2E; 123.8E±0.3, h550km, mb3.6/7, Error ellipse: s-maj=38.9km s-min=11.9km az=150.2

IDC 11 17:06:15.3±1.8, 6.04N; 0.23E; 123.94E, h549km, 24km, mb3.0/7, mb1 3.1/8, mb1mx2.8/41, mbtmp3.9/8, Error ellipse: s-maj=44.5km s-min=11.5km az=64.0

ISC 11 17:06:15.3±0.9, 6.1N; 0.2E; 123.9E±0.3, h550km, n8, ±635/10, mb3.7/7, Mindanao

TAP 11 17:22:19.5±25.41N; 122.56E, h259km, 1km, ML3.4, D

ISCJB 11 17:22:21.7±0.9, 25.29N; 0.09E; 122.60E±0.04, h234km, 6km, Error ellipse: s-maj=14.5km s-min=4.9km az=172.4

JMA 11 17:22:21.5±0.4, 25.33N; 122.52E, h231km, 5km, M3.2

ISC 11 17:22:21.6±0.3, 25.23N; 0.1E; 122.59E±0.05, h236km, 17km, n26, ±670/51, Taiwan region

ISCJB 11 17:06:13.9±0.8, 6.0N; 0.2E; 123.8E±0.3, h550km, mb3.6/7, Error ellipse: s-maj=38.9km s-min=11.9km az=150.2

IDC 11 17:06:15.3±1.8, 6.04N; 0.23E; 123.94E, h549km, 24km, mb3.0/7, mb1 3.1/8, mb1mx2.8/41, mbtmp3.9/8, Error ellipse: s-maj=44.5km s-min=11.5km az=64.0

ISC 11 17:06:15.3±0.9, 6.1N; 0.2E; 123.9E±0.3, h550km, n8, ±635/10, mb3.7/7, Mindanao

ISCJB 11 17:06:13.9±0.8, 6.0N; 0.2E; 123.8E±0.3, h550km, mb3.6/7, Error ellipse: s-maj=38.9km s-min=11.9km az=150.2

IDC 11 17:06:15.3±1.8, 6.04N; 0.23E; 123.94E, h549km, 24km, mb3.0/7, mb1 3.1/8, mb1mx2.8/41, mbtmp3.9/8, Error ellipse: s-maj=44.5km s-min=11.5km az=64.0

ISC 11 17:06:15.3±0.9, 6.1N; 0.2E; 123.9E±0.3, h550km, n8, ±635/10, mb3.7/7, Mindanao

TAP 11 17:22:19.5±25.41N; 122.56E, h259km, 1km, ML3.4, D

ISCJB 11 17:22:21.7±0.9, 25.29N; 0.09E; 122.60E±0.04, h234km, 6km, Error ellipse: s-maj=14.5km s-min=4.9km az=172.4

JMA 11 17:22:21.5±0.4, 25.33N; 122.52E, h231km, 5km, M3.2

ISC 11 17:22:21.6±0.3, 25.23N; 0.1E; 122.59E±0.05, h236km, 17km, n26, ±670/51, Taiwan region

ISCJB 11 17:06:13.9±0.8, 6.0N; 0.2E; 123.8E±0.3, h550km, mb3.6/7, Error ellipse: s-maj=38.9km s-min=11.9km az=150.2

IDC 11 17:06:15.3±1.8, 6.04N; 0.23E; 123.94E, h549km, 24km, mb3.0/7, mb1 3.1/8, mb1mx2.8/41, mbtmp3.9/8, Error ellipse: s-maj=44.5km s-min=11.5km az=64.0

ISC 11 17:06:15.3±0.9, 6.1N; 0.2E; 123.9E±0.3, h550km, n8, ±635/10, mb3.7/7, Mindanao

ISCJB 11 18:06:20.1±0.3, 6.70N; 0.02E; 121.09E±0.06, h0km, Error ellipse: s-maj=3.5km s-min=3.0km az=0.0

UPP 11 18:06:20.9±0.1, 6.706N; 0.296E, h0km, ML1.8, Explosion HEL 11 18:06:21.6±0.1, 6.706N; 0.296E, h0km, ML2.2, ML1.8(UPP), Explosion

IDC 11 18:06:21.5±1.0, 6.707N; 0.212E, h0km, mb1 3.0/3, mb1mx2.8/45, mbtmp2.9/3, ML2.2/3, Error ellipse: s-maj=18.0km s-min=8.7km az=114.0

CSEM 11 18:06:21.0±0.2, 6.709N; 0.2103E, h2km, ML1.8, Error ellipse: s-maj=5.5km s-min=4.2km az=82.0, Mining explosion

ISC 11 18:06:20.5±0.7, 6.707N; 0.02E; 120.99E±0.02, h0km, n62, ±1812/82, Sweder

TAP 11 17:22:19.5±25.41N; 122.56E, h259km, 1km, ML3.4, D

ISCJB 11 17:22:21.7±0.9, 25.29N; 0.09E; 122.60E±0.04, h234km, 6km, Error ellipse: s-maj=14.5km s-min=4.9km az=172.4

JMA 11 17:22:21.5±0.4, 25.33N; 122.52E, h231km, 5km, M3.2

ISC 11 17:22:21.6±0.3, 25.23N; 0.1E; 122.59E±0.05, h236km, 17km, n26, ±670/51, Taiwan region

ISCJB 11 17:06:13.9±0.8, 6.0N; 0.2E; 123.8E±0.3, h550km, mb3.6/7, Error ellipse: s-maj=38.9km s-min=11.9km az=150.2

IDC 11 17:06:15.3±1.8, 6.04N; 0.23E; 123.94E, h549km, 24km, mb3.0/7, mb1 3.1/8, mb1mx2.8/41, mbtmp3.9/8, Error ellipse: s-maj=44.5km s-min=11.5km az=64.0

ISC 11 17:06:15.3±0.9, 6.1N; 0.2E; 123.9E±0.3, h550km, n8, ±635/10, mb3.7/7, Mindanao

ISCJB 11 18:06:20.1±0.3, 6.70N; 0.02E; 121.09E±0.06, h0km, Error ellipse: s-maj=3.5km s-min=3.0km az=0.0

UPP 11 18:06:20.9±0.1, 6.706N; 0.296E, h0km, ML1.8, Explosion HEL 11 18:06:21.6±0.1, 6.706N; 0.296E, h0km, ML2.2, ML1.8(UPP), Explosion

IDC 11 18:06:21.5±1.0, 6.707N; 0.212E, h0km, mb1 3.0/3, mb1mx2.8/45, mbtmp2.9/3, ML2.2/3, Error ellipse: s-maj=18.0km s-min=8.7km az=114.0

CSEM 11 18:06:21.0±0.2, 6.709N; 0.2103E, h2km, ML1.8, Error ellipse: s-maj=5.5km s-min=4.2km az=82.0, Mining explosion

ISC 11 18:06:20.5±0.7, 6.707N; 0.02E; 120.99E±0.02, h0km, n62, ±1812/82, Sweder

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ERTU Ertsjaerv, HARU Harads, KUA Kurraavaara, etc.

IDC 11 18:28:52.1, 8.20, 21.5, 168.26E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.7/35, mbtmp3.6/5, ML2.8/1, Error ellipse: s-maj=63.9km s-min=28.5km az=146.0, Loyalty Islands region

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

IDC 11 18:50:21.4, 6.2, 26.44N, 143.68E, h0km, mb3.7/4, mb1 3.8/5, mb1mx3.5/48, mbtmp3.6/5, ML3.4/1, Error ellipse: s-maj=239.6km s-min=22.1km az=74.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, SONM Sogino Array, etc.

IDC 11 18:52:31.8, 3.2, 19.92S, 173.97W, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.7/40, mbtmp3.9/4, ML3.9/1, Error ellipse: s-maj=113.9km s-min=32.3km az=136.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI Afiamalu, CTM Charters Tower, etc.

CSEM 11 18:55:13.4, 45.68N, 26.54E, h152km, MD3.9/6, BUC 11 18:55:13.4, 45.68N, 26.54E, h152km, MD3.9/6, 39C-36D, Error ellipse: s-maj=4.2km s-min=3.3km az=337.0, Romania

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

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VRI Vrincoiaia, ODBI Odobesti, MTR Muntele Rosu, etc.

IDC 11 18:55:57.8, 2.6, 27.02N, 144.07E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.3/54, mbtmp3.4/3, ML3.4/1, Error ellipse: s-maj=57.2km s-min=29.5km az=67.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, etc.

IDC 11 18:57:13.7, 3.9, 31.03N, 140.71E, h0km, mb3.5/2, mb1 3.6/4, mb1mx3.3/56, mbtmp3.4/4, ML2.8/2, MS3.2/2, Ms1 3.2/2, ms1mx2.4/31, Error ellipse: s-maj=222.5km s-min=20.1km az=79.0

JMA 11 18:57:16.3, 0.4, 31.03N, 141.02E, h83km, M3.1

ISC 11 18:57:18.1, 1.7, 31.12N, 141.11E, h0.3, h35km, n15, e130/12, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHUJ Mitsune, JHJ Hachijo jima 2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHO Hitachi, MJAR Matsushiro Arr, etc.

IDC 11 19:01:14.4, 1.5, 26.43N, 143.98E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.3/56, mbtmp3.4/4, ML3.6/1, MS2.4/1, Ms1 2.4/1, ms1mx2.0/34, Error ellipse: s-maj=36.3km s-min=27.4km az=74.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ Chichijima, JHJ Hachijo jima 2, etc.

ISCJB 11 19:08:32.0, 0.5, 26.71N, 144.19E, h10km, mb4.0/19, MS3.0/1, Error ellipse: s-maj=11.1km s-min=7.6km az=17.2

IDC 11 19:08:32.0, 0.7, 26.64N, 144.16E, h0km, mb3.9/11, mb1 4.1/14, mb1mx3.9/47, mbtmp3.9/14, ML3.6/3, MS2.8/4, Ms1 2.8/4, ms1mx2.6/43, Error ellipse: s-maj=20.3km s-min=17.6km az=58.0

NEIC 11 19:08:33.9, 0.3, 26.67N, 144.14E, h10km, mb4.4/9, Error ellipse: s-maj=9.8km s-min=7.0km az=66.0

ISC 11 19:08:34.0, 0.6, 26.77N, 144.14E, h10km, n31, e86/30, mb4.2/19, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJ Chichijima, JHJ Hachijo jima 2, etc.

IDC 11 19:08:34.0, 0.3, 26.67N, 144.14E, h10km, n31, e86/30, mb4.2/19, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, MAJO Matangi Array, etc.

IDC 11 19:08:34.0, 0.3, 26.67N, 144.14E, h10km, n31, e86/30, mb4.2/19, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ULN Ulanbataar, SONM Sogino Array, etc.

IDC 11 19:08:34.0, 0.3, 26.67N, 144.14E, h10km, n31, e86/30, mb4.2/19, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ZALV Zalesno Beam, etc.

IDC 11 19:08:34.0, 0.3, 26.67N, 144.14E, h10km, n31, e86/30, mb4.2/19, Bonin Islands region

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

IDC 11 19:08:34.0, 0.3, 26.67N, 144.14E, h10km, n31, e86/30, mb4.2/19, Bonin Islands region

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

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like VLI, MHLO, LAST, NPS, THRS, etc.

IDC 11 23:39:52.7±13.0, 26.53N, 144.26E, h0km, mb3.8/3, mb1 3.9/3, mb1mx3.4/36, mb1mx3.8/3, Error ellipse: s-maj=490.4km s-min=31.6km az=73.0, Bonin Islands region

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

SOME 11 23:41:38.9, 46.78N, 78.87E, h0km NNC 11 23:41:39.8±1.1, 46.67N, 78.90E, h16km, gkm, mb3.6, mpv3.2, Error ellipse: s-maj=6.0km s-min=0.0km az=37.0

ISC 11 23:41:39.1±1.4, 46.66N, 0.03, 78.91E, 0.05, h3km±1.1km, n32, c157/51, 15C-12D, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KAPS, TDK, MAKZ, MK31, DJR, ARXS, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SEM, TNSS, TNSS, IZV, KURBS, DGS, etc.

KRSC 11 23:44:35.1±1.0, 51.59N, 157.31E, h7km, gkm, ML3.7, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PAU, MIPR, ASAK, RUS, etc.

NIED 11 23:47:00.27, 10N, 143.70E, h5km, Mw5.1 Best double couple: M4.51000x1016 NP1.0s151.00000, s45.00000, l-68.00000, NP2.0s301.00000, s49.00000, l-1.11.00000

IDC 11 23:47:46.9±0.4, 26.70N, 143.89E, h0km, mb4.6/35, mb1 4.7/41, mb1mx4.6/53, mb1mx4.6/41, ML3.9/6, MS4.3/38, Ms1.4/339, ms1mx3.3/49, Error ellipse: s-maj=12.4km s-min=10.8km az=85.0

ISCJB 11 23:47:49.0±0.9, 26.72N, 143.69E, 0.02, h16km, gkm, mb5.0/182, MS4.5/53, Error ellipse: s-maj=4.7km s-min=3.6km az=163.2

NEIC 11 23:47:49.6±0.2, 26.63N, 143.67E, h10km, mb5.1/95, Error ellipse: s-maj=5.9km s-min=4.8km az=165.0

GCMT 11 23:47:49.6±0.2, 26.63N, 143.78E, h12km, MW5.2/112, Moment Tensor Solution. s61, c86; s112, c182; Duration: 180 Moment tensor: Scale 10^16Nm; Mm-5.47±.12; Mm1.18±.10; Mm4.30±.10; Mm4.17±.34; Mm3.92±.08; Mm3.92±.08; Best double couple: M7.63800x1016 NP1.0s302.00000, s83.00000, l-1.16.00000, NP2.0s170.00000, s87.00000, l-4.49.00000. Principal axes: T 7.7260, Plg14.00000, Azm51.00000; N -0.1670, Plg23.00000, Azm315.00000; P -7.5490, Plg62.00000, Azm170.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 11 23:47:50.5±1.3, 26.70N, 143.80E, h33km, mb5.0/56, MS4.4/18 Error ellipse: s-maj=11.0km s-min=5.0km az=107.9

JMA 11 23:47:51.0±1.0, 27.09N, 143.70E, h23km, M5.1 BUJ 11 23:47:51.0±1.0, 26.69N, 143.54E, h30km, mb4.9/70, mb5.1/53, MS4.9/67, MS7.4/5/64

ISC 11 23:47:51.8±0.9, 26.71N, 143.65E, 0.04, h26km, gkm, n387, c1943/382, mb5.0/184, MS4.5/56, 12C-10D, Bonin Islands region

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

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ERM, KSR5, KSRS, etc.

KNKL	comp=Z,2um,15.0s	MLR	MLR				
PETK	Petropavlovsk-28.38 18 LR	LR	LR	00 03 45.8			
PET	Petropavlovsk-28.58 19 eP	S	S	23 53 47.2 +1.7			
PET	Petropavlovsk-28.58 19 eS	P	P	23 58 30.0 -2.1			
PET	comp=Z,9.0nm,1.3s	pmax	pmax				
HIA	Hailar-29.14 327 eP	pmax	pmax	23 53 49.3 -1.4			
HIA	comp=Z,4.0nm,0.9s	eP	pmax				
HIA	Hailar-29.14 327 eP	P	P	23 53 50.8 +0.2			
SJUI	comp=Z,2.1nm,1.0s	P	P	23 53 57.0 -0.6			
SJUI	comp=Z,9.1nm,0.7s,baz=27,slow=16,SNR=4.8	LR	LR	00 03 08.8			
SJUI	comp=Z,1um,21.6s,baz=345,slow=31	LR	LR				
SJUI	comp=Z,7.6nm,1.5s	P	P	23 53 57.2 -0.5			
HHC	Hu-ho-hao-te-29.98 306 P	S	S	23 53 58.2 -0.1			
HHC		pP	pP	23 54 14.6 +5.5			
HHC		PcP	PcP	23 57 06.2 +5.9			
HHC		S	S	23 58 52.9 -1.8			
HHC		pmax	pmax				
HHC	comp=Z,1.6nm,1.0s	pmax	pmax				
HHC	comp=Z,150nm,5.2s	LR	LR				
HHC	comp=Z,1um,12.7s	LR	LR				
HHC	comp=Z,1um,13.7s	LR	LR				
HHC	comp=Z,1um,12.7s	LR	LR				
ENH	Enshi-30.17 285 eP	P	P	23 53 59.2 -0.8			
XAN	Xi'an-30.73 292 P	P	P	23 54 04.7 -0.3			
XAN		pP	pP	23 54 14.1 +1.5			
XAN		sP	sP	23 54 18.8 +3.0			
XAN		S	S	23 59 06.8 +0.2			
XAN		SS	SS	00 00 42.5 -0.8			
XAN		pmax	pmax				
XAN	comp=Z,24nm,1.3s	pmax	pmax				
XAN	comp=Z,110nm,4.4s	LR	LR				
XAN	comp=Z,1um,19.3s	LR	LR				
XAN	comp=Z,460nm,16.2s	LR	LR				
LBMI	Labuha-31.32 212 P	P	P	23 54 11.0 +0.8			
QIZ	Qiongzong-32.00 263 P	S	S	23 54 16.4 +0.2			
QIZ		S	S	23 59 26.8 +0.3			
QIZ		LR	LR	23 59 41.8 +2.7			
QIZ	comp=Z,1um,20.8s	LR	LR				
QIZ	comp=Z,960nm,20.8s	LR	LR				
GTOI	Gorontalo-32.65 221 P	P	P	23 54 22.3 +0.4			
GYA	Guiyang-33.01 278 i/P	P	P	23 54 25.4 +0.3			
GYA		pP	pP	23 54 35.8 +3.1			
GYA		pPn	pPn	23 55 37.0 +2.3			
GYA		S	S	23 59 41.2 -1.1			
GYA		sS	sS	23 59 57.4 +2.5			
GYA		ScP	ScP	00 00 50.9 -0.4			
GYA		SS	SS	00 01 41.6 +0.5			
GYA		pmax	pmax				
GYA	comp=Z,20nm,0.9s	pmax	pmax				
GYA	comp=Z,120nm,5.2s	LR	LR				
GYA	comp=Z,490nm,17.8s	LR	LR				
GYA	comp=Z,510nm,17.4s	LR	LR				
MA2	Magad-33.23 7 P	P	P	23 54 25.0 -1.4			
SANI	Sanana-33.28 214 P	P	P	23 54 26.9 -0.5			
KRAI	Karang Ratu-33.29 209 P	P	P	23 54 28.9 +1.4			
MRSI	Marisa-33.41 222 P	P	P	23 54 30.0 +1.5			
AAI	Ambon-33.71 209 P	P	P	23 54 32.9 +1.8			
LUWI	Luwuk-34.15 219 P	P	P	23 54 35.0 +0.1			
LUWI	comp=Z,107nm,1.0s,comp=Z,3um						
LUWI	comp=Z,104nm,1.1s	eP	P	23 54 34.4 -0.5			
LWAB	Ampana-34.69 221 P	P	P	23 54 39.6 0.0			
LZH	Lanzhou-35.04 295 i/P	P	P	23 54 43.0 +0.3			
LZH		pP	pP	23 54 52.0 +1.6			
LZH		sP	sP	23 54 56.3 +2.8			
LZH		PP	PP	23 55 56.4 -3.7			
LZH		Pn	Pn	00 00 02.2 -1.2			
LZH		SS	SS	00 00 28.3 +2.0			
LZH		SS	SS	00 02 28.0 -2.3			
LZH		pmax	pmax				
LZH	comp=Z,27nm,1.0s	pmax	pmax				
LZH	comp=Z,120nm,4.7s	LR	LR				
LZH	comp=Z,880nm,14.8s	LR	LR				
LZH	comp=Z,970nm,14.4s	LR	LR				
CD2	Chengdu-35.08 286 P	P	P	23 54 42.4 -0.6			
CD2		pP	pP	23 54 52.1 +1.5			
CD2		sP	sP	23 54 56.4 +2.6			
CD2		PP	PP	23 56 02.3 -0.4			
CD2		S	S	00 00 13.1 -1.0			
CD2		sS	sS	00 00 29.6 +2.8			
CD2		pmax	pmax				
CD2	comp=Z,120nm,0.6s	pmax	pmax				
CD2	comp=Z,200nm,4.3s	LR	LR				
CD2	comp=Z,2um,18.3s	LR	LR				
CD2	comp=Z,800nm,12.1s	LR	LR				
ULN	Ulanbaatar-35.51 316 eP	P	P	23 54 45.3 -1.3			
ULN	comp=Z,7.0nm,0.9s	eP	P	23 54 47.9 +1.3			
ULN	comp=Z,43nm,1.7s	P	P	23 54 48.8 -0.2			
SONA	Songino Array-35.78 224 P	P	P	23 54 50.7 +0.8			
SONM	Songino Array-35.90 316 P	P	P	23 54 51.3 +1.3			
SONM	comp=Z,4.2nm,0.8s,baz=116,slow=8.5,SNR=16	PcP	PcP	23 57 16.4 -0.3			
SONM	comp=Z,1.3nm,0.9s,baz=114,slow=3.5,SNR=4.1	LR	LR	00 11 36.8			
PMG	Port Moresby-36.06 174 P	P	P	23 54 50.1 -1.2			
PMG	Port Moresby-36.06 174 i/P	P	P	23 54 49.6 -1.7			
PMG	comp=Z,69nm,1.0s	pmax	pmax				
PMG	Port Moresby-36.06 174 eP	P	P	23 54 52.3 +1.0			
YAK	Yakutsk-36.54 349 eP	pmax	pmax	23 54 54.5 -0.5			
SLVN	Son La-36.59 270 eP	P	P	23 54 57.2 +1.2			
SEY	Seymchan-36.68 7 P	P	P	23 54 55.7 -0.5			
SEY	comp=Z,5.5nm,0.9s,baz=183,slow=7.6,SNR=9.7	P	P	23 54 55.0 -1.2			
KMI	Kunming-36.72 277 P	P	P	23 54 58.2 +0.9			
KMI		pP	pP	23 55 07.6 +2.6			
KMI		sP	sP	23 55 11.3 +3.1			
KMI		S	S	00 00 38.3 -1.5			
KMI		SS	SS	00 03 02.7 -8.6			
KMI	comp=Z,13nm,1.3s	pmax	pmax				

KMI	comp=Z,240nm,5.2s	LR	LR				
KMI	comp=Z,770nm,16.7s	LR	LR				
KMI	comp=Z,400nm,24.7s	LR	LR				
BOD	Bodaibo-37.47 334 eP	P	P	23 55 03.1 +0.1			
BOD	comp=Z,6.0nm,1.3s	pmax	pmax				
SPSI	Sidrap Palu-38.25 221 P	P	P	23 55 10.5 +0.5			
NONG	Nongkai-38.30 266 P	P	P	23 55 12.8 +2.4			
GTA	Gaotai-38.51 300 P	pP	pP	23 55 12.0 -0.2			
GTA	comp=Z,112nm,1.3s	sS	sS	23 55 21.4 +1.5			
GTA		sP	sP	23 55 25.4 +2.4			
GTA		S	S	00 01 04.0 -2.4			
GTA		sS	sS	00 01 19.9 +0.8			
GTA		SS	SS	00 03 44.1 -1.0			
GTA	comp=Z,19nm,1.0s	pmax	pmax				
GTA	comp=Z,180nm,5.5s	LR	LR				
GTA	comp=Z,900nm,13.5s	LR	LR				
GTA	comp=Z,690nm,15.4s	LR	LR				
GTA	comp=Z,740nm,14.0s	LR	LR				
ZAK	Zakamensk-38.77 319 eP	P	P	23 55 15.0 +0.8			
ZAK		pmax	pmax				
IRK	Irkutsk-38.95 322 eP	P	P	23 55 16.7 +1.1			
IRK		pmax	pmax				
IRK	comp=Z,37nm,2.2s	MLR	MLR				
TLY	Talaya-39.07 321 P	P	P	23 55 18.3 +1.7			
TLY	comp=Z,15nm,0.8s,baz=193,slow=16,SNR=33	eP	P	23 55 18.4 +1.8			
TLY	Talaya-39.07 321 eP	S	S	00 01 19.6 +5.3			
TLY		eS	eS	00 04 02.3 -4.7			
TLY		pmax	pmax				
TLY	comp=Z,21nm,0.8s	MLR	MLR				
TLY	comp=Z,653nm,16.0s	P	P	23 55 18.2 +1.7			
TLY	comp=Z,148nm,1.0s,SNR=12	eP	P	23 55 18.4 +1.7			
TLY	Talaya-39.07 321 eP	P	P	23 55 17.8 +0.2			
BKSI	Bulukumba-39.15 219 P	P	P	23 55 17.8 +0.2			
CHAI	Chaiyaphum-40.12 263 P	P	P	23 55 27.3 +1.6			
LOEI	Loei-40.17 266 P	P	P	23 55 24.5 -1.6			
MOY	Mondy-40.59 320 eP	P	P	23 55 30.6 +1.3			
MOY		pmax	pmax				
UTTA	Utтарadit-40.72 266 P	P	P	23 55 32.9 +2.3			
PHRA	Phrae-40.75 268 P	P	P	23 55 32.6 +1.7			
PHRA	comp=Z,2.8nm,0.9s	LR	LR				
PBKT	Sadao Pong-40.77 265 P	P	P	23 55 32.7 +1.7			
PBKT	comp=Z,56nm,1.1s,comp=Z,2um						
SRK	Sadao Pong-40.77 265 P	P	P	23 55 32.8 +1.7			
SRK	comp=Z,56nm,1.1s,comp=Z,2um						
PRAT	Sakraew-40.82 260 P	P	P	23 55 28.9 -2.6			
EDFI	Ende, Flores-41.19 214 P	P	P	23 55 35.2 +0.6			
EDFI	comp=Z,72nm,1.1s,comp=Z,4um						
CMAI	Chiangmai-41.35 270 P	P	P	23 55 37.8 +1.7			
CMAI	comp=Z,30nm,0.7s,comp=Z,15um						
CHTO	Chiang Mai-41.80 269 P	P	P	23 55 40.5 +1.0			
CHTO	comp=Z,51nm,2.3s						
CHTO	Chiang Mai-41.80 269 P	P	P	23 55 40.2 +0.7			
CHTO	comp=Z,13nm,1.0s						
CHTO	Chiang Mai-41.80 269 P	P	P	23 55 40.2 +0.7			
CHTO	comp=Z,4.9nm,0.9s,baz=62,slow=8.6,SNR=21	P	P	23 55 41.4 +0.8			
CMAR	Chiang Mai Arr-41.92 268 LR	LR	LR	00 13 14.3			
CMAR	comp=Z,4.9nm,0.9s,baz=62,slow=8.6,SNR=21	LR	LR				
UTHA	Uthaitani-42.51 264 P	P	P	23 55 47.3 +2.0			
UTHA	comp=Z,4.5nm,0.8s,comp=Z,106nm						
BILL	Bilibino-43.55 12 eP	P	P	23 55 52.9 -0.2			
BILL		pmax	pmax	23 57 39.6			
BILL	comp=Z,8.0nm,1.3s	eP	P	23 55 54.7 +1.6			
BILL	Bilibino-43.55 12 eP	P	P	23 56 03.0 -0.3			
HVS	Khovu-Aksy-44.78 317 eP	P	P	23 56 10.1 +0.7			
HVS	comp=Z,31nm,0.9s	eP	P	23 56 14.0 +1.3			
MYKON	Kota Tinggi-45.91 244 eP	P	P	23 56 12.9 -1.1			
MYKON	comp=Z,39nm,1.1s	eP	P	23 56 15.7 +1.0			
LWSA	Lhasa-46.04 286 eP	P	P	23 56 16.0 +0.3			
LWSA	comp=Z,25nm,0.6s	eP	P	23 56 15.1 -2.1			
KULM	Kulim-46.18 250 eP	P	P	23 56 16.9 -0.8			
KULM	comp=Z,3.8nm,0.5s	eP	P	23 56 21.5 +1.6			
IPM	Ipoth-46.30 249 eP	P	P	23 56 23.0 +3.2			
IPM	comp=Z,17nm,0.7s	eP	P	23 56 21.9 -0.8			
KRAR	Krasnoyarsk-46.57 323 eP	pmax	pmax	23 56 22.0 -0.9			
KRAR	comp=Z,18nm,1.0s	eP	P	00 16 22.9			
CTAO	Charters Tower-46.58 177 eP	P	P	23 56 22.0 -0.9			
CTAO	comp=Z,360nm,2.9s	eP	P	23 56 22.0 -0.9			
PKTD	Phuket-46.83 255 P	P	P	23 56 22.0 -0.9			
PKTD	comp=Z,27nm,1.0s,comp=Z,7um						
GAMB	Gambell-46.91 25 eP	P	P	23 56 22.0 -0.9			
GAMB	comp=Z,49nm,1.6s	eP	P	23 56 22.0 -0.9			
WRAB	Tennant Creek-47.23 192 eP	P	P	23 56 22.0 -0.9			
WRAB	comp=Z,85nm,0.9s	eP	P	23 56 22.0 -0.9			
WRAB	Tennant Creek-47.23 192 P						

Table with columns: ARU, Arti, 65.53 323d iP, P, 23 58 32.4 -0.4, 23 59 01.6, 00 07 14.6 -1.6, 00 08 23.2, etc.

Table with columns: SUMG Summit, 80.97 1 eP, P, 00 00 05.2 +1.1, DAC Darwin (Caif), 81.18 54 eP, P, 00 00 08.8 +3.0, etc.

Table with columns: ANMO Albuquerque, 89.72 51 iP, P, 00 00 46.4 -1.9, ANMO Albuquerque, 89.72 51 P, P, 00 00 49.0 +0.7, etc.

ISCJB 12 00:03:31.7±0.7, 40:88N±0.05; 19:55E±0.07, h11km, Error ellipse: s-maj=7.5km s-min=6.4km az=149.6, ATH 12 00:03:34.5 40:77N±19.8E, h23km, MD3.1/5, CSEM 12 00:03:36.0 1.5 40:73N±19:82E, h20km, ML 1.7, Error ellipse: s-maj=47.4km s-min=8.3km az=124.0, SKO 12 00:03:37.0 41:83N±20:28E, h17km, M1.3, ML1.7, ISC 12 00:03:32.2±1.1, 40:85N±0.05; 19:56E±0.06, h11km, n13, e05B/18, Albania

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Table with columns: OHR Ohrid, 0.97 74 iP, P, 00 03 51.0 ±0.0, OHR Ohrid, 0.97 74 iPg, P, 00 04 03.9 0.0, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, I, Q, S, Residual. Includes stations like Makanchi Array, Warramunga Arr, Kurchatov, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, I, Q, S, Residual. Includes stations like Murphy Dome, Sheep Creek, Hyderabad, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, I, Q, S, Residual. Includes stations like Scoresbysund, Scoresbysund, Malatya, etc.

PRE 12 00:09:50.2; 3.28; 655; 20:43E, h5km, ML3.8, 1C, South Africa
Code Station Name Az Az2 Phase ID I Q S Res

Table with columns: KOMG, Komaggas, 2.81 245 eP, Pn, 00 10 36.4 +0.5, etc.

Table with columns: DDA 12 00:16:28.1, 37.01N, 28.55E, h7km, Md2.4, Turkey

Table with columns: PRU 12 00:16:49.2, 49.78N, 18.60E, h0km, Czech and Slovak Republics

Table with columns: ROM 12 00:16:55.0, 1.42, 22.4N, 13.49E, h4km, 2km, Md1.8/3, MD1.0/1, Error ellipse: s-maj=1.9km s-min=0.3km az=22.0, Central Italy

Table with columns: ISCJB 12 00:16:54.5, 0.6, 26.57N, 0.10, 143.75E, 0.08, h10km, mb4.0/18, MS4.1/2, Error ellipse: s-maj=14.9km s-min=0.5km az=23.7

Table with columns: IDC 12 00:16:54.8, 0.9, 26.54N, 143.72E, h0km, mb4.0/16, mb1.4/17.8, mb1mx3.9/5.6, mbtmpp4.0/18, ML3.7/2, MS4.1/2, Ms1.4/1.2, ms1mx2.9/4.7, Error ellipse: s-maj=29.1km s-min=17.4km az=67.0

Table with columns: NEIC 12 00:16:55.0, 0.6, 26.59N, 0.11, 143.84E, h10km, mb4.5/2, Error ellipse: s-maj=11.6km s-min=11.5km az=59.0

Table with columns: ISC 12 00:16:56.2, 0.8, 26.68N, 0.11, 143.73E, 0.10, h10km, n29, e111/28, mb4.0/18, Bonin Islands region

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

Table with columns: ISCJB 12 00:40:39.4, 1.0, 26.3N, 0.1, 143.3E, 0.2, h10km, mb3.4/5, Error ellipse: s-maj=25.2km s-min=11.3km az=142.8

Table with columns: MJAR Matushiro Arr, 11.08 339 Pn, 00 43 20.6 +0.4, WRA Warramunga Arr, 46.70 191 P, 00 49 10.7 -0.2, etc.

ISCJB 12 00:41:13.9, 0.7, 54.66S, 0.09, 0.9W, 0.3, h10km, mb4.5/8, MD4.0/4, Error ellipse: s-maj=22.2km s-min=13.4km az=74.9

IDC 12 00:41:14.1, 1.0, 8.54, 68S, 0.83W, h0km, mb4.4/7, mb1.4/5.7, mb1mx4.0/3.0, mbtmpp4.7/4.7, MS1.3/9.4, ms1mx3.4/2.3, Error ellipse: s-maj=28.5km s-min=21.6km az=75.0

NEIC 12 00:41:15.0, 0.5, 54.71S, 0.84W, h10km, mb4.4/2, Error ellipse: s-maj=17.7km s-min=11.4km az=82.0

ISC 12 00:41:15.4, 0.7, 54.8S, 0.1, 0.39W, 0.2, h10km, n27, e168/15, mb4.5/8, MS4.0/4, Bouvet Island region

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

SKHL 12 00:50:22.6, 0.4, 54.54N, 149.29E, h37km, 5km, mb4.6/4, Kuril Islands

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

ISCJB 12 00:52:06.0, 0.6, 24.21S, 0.09, 179.8E, 0.1, h517km, mb4.2/11, Error ellipse: s-maj=14.1km s-min=11.2km az=13.2

IDC 12 00:52:07.0, 1.8, 24.27S, 179.80E, h512km, 18km, mb3.7/12, mb1.3/9.13, mb1mx3.7/3.0, mbtmpp4.6/13, Error ellipse: s-maj=15.2km s-min=13.3km az=2.0

ISC 12 00:52:07.0, 2.4, 24.31S, 0.10, 179.9E, 0.1, h517km, n17, e1508/22, mb4.2/11, South of Fiji Islands

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

Table with columns: PDAR Pinedale Array, 93.06 44 P, 01 04 25.2 -0.3, MKAR Makanchi Array, 112.35 313 PKPKP, 01 09 42.8 -1.1, etc.

IDC 12 00:56:11.4, 6.7, 15.94S, 177.10W, h0km, mb3.7/3, mb1.0/4.0, mb1mx3.6/3.0, mbtmpp3.7/3, Error ellipse: s-maj=295.3km s-min=34.5km az=141.0, Fiji Islands region

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

ISCJB 12 00:58:53.7, 0.4, 37.88N, 0.02, 27.30E, 0.03, h9km, 4km, Error ellipse: s-maj=4.4km s-min=3.9km az=38.5

DDA 12 00:58:53.7, 37.85N, 27.27E, h7km, MD2.7, ISK 12 00:58:53.7, 37.88N, 27.35E, h6km, MD2.7, CSEM 12 00:58:53.9, 0.2, 37.87N, 27.32E, h2km, MD2.7, Error ellipse: s-maj=5.5km s-min=4.2km az=92.0

ISC 12 00:58:53.7, 1.0, 37.85N, 0.02, 27.33E, 0.02, h6km, 11km, n30, e051/47, Turkey

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

IDC 12 01:05:29.1, 0.5, 12.50N, 90.04W, h0km, mb4.7/33, mb1.4/9.35, mb1mx4.8/4.2, mbtmpp4.7/35, ML4.5/2, MS4.1/20, Ms1.4/1.20, ms1mx3.9/3.4, Error ellipse: s-maj=21.1km s-min=9.5km az=52.0

ISCJB 12 01:05:30.0, 0.4, 12.63N, 0.03, 90.13W, 0.02, h48km, 3km, mb5.1/229, MS4.2/22, Error ellipse: s-maj=5.2km s-min=2.4km az=40.6

CASC 12 01:05:34.6, 1.8, 12.51N, 90.01W, h25km, 28km, MD4.3, ML4.3, mb5.2(NEIC)

CGMT 12 01:05:36.6, 0.2, 12.41N, 90.55W, h12km, MW5.1/102, Moment Tensor Solution, s54, c81, s102, c182; Duration: 0 Moment tensor: Scale 1016Nm; Mir-5.57z; 11; Mw5.05z; 09; Mw5.01z; 11; Mw1.00z; 29; Mw2.05z; 09; Mw0.39z; 39; Best double couple: Ms5.80700z; 1016 NP1: 284.00000z; 649.00000z; -100.00000z; NP2: 65.119.00000z; 642.00000z; -79.00000z. Principal axes: T: 5.8950, P1: 4.0000, Az: 21.0000; N: -0.1810, P1: 7.0000, Az: 290.0000; P: -5.7200, P1: 62.0000; Az: 133.0000; n: nst1a refer to body waves, cutoff=40s.

nst2a refer to surface waves, cutoff=50s. MOS 12 01:05:36.4, 0.8, 12.81N, 90.27W, h47km, mb5.0/31, MS4.1/7. Error ellipse: s-maj=14.3km s-min=8.5km az=90.6

NEIC 12 01:05:36.6, 0.6, 12.51N, 90.06W, h48km, 5km, mb5.2/208, MD5.0(SNET), Error ellipse: s-maj=5.0km s-min=3.2km az=225.0

NEIC Fell [I] at San Salvador. Also fell at Guatemala, Guatemala.

ISC 12 01:05:35.6, 0.5, 12.50N, 0.04, 90.19W, 0.04, h42km, 4km, n828, e121/382, mb5.1/231, MS4.2/22, 36C-7D, Off coast of Central America

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

12d 1h

2011 JAN

Table with columns: MGAN, eS, Sn, 01 07 15.2 -1.6, 01 07 20.8, 01 06 37.8 +0.4, 01 07 25.6 +0.1, 01 06 38.1 +1.8, 01 07 29.5 -0.9, 01 06 53.9 -2.3, 01 07 57.6 -1.6, 01 06 57.0 +0.8, 01 06 56.3 0.0, 01 07 1.8 -1.8, 01 06 57.8 +0.8, 01 06 58.0 -0.6, 01 07 06.4 +2.5, 01 08 12.7 -0.2, 01 07 05.8 -2.1, 01 08 16.6 -3.5, 01 09 41.2, 01 07 13.2 +2.2, 01 08 25.4 -0.2, 01 07 27.1 -0.9, 01 07 29.4 +1.4, 01 08 04.4 -1.9, 01 08 37.1 +2.5, 01 08 40.3 +1.3, 01 08 45.2 +0.9, 01 09 04.2 +1.7, 01 09 20.3 +2.2, 01 09 19.7 -0.1, 01 09 24.6 +0.1, 01 09 26.6 -0.7, 01 09 31.9 +3.2, 01 09 32.6 +2.0, 01 09 34.8 +1.4, 01 09 32.1 -0.7, 01 09 33.7 +0.2, 01 09 34.6 -0.2, 01 09 36.2 0.0, 01 09 39.4 +2.6, 01 09 40.9 +4.1, 01 09 38.2 +0.3, 01 09 37.8 -0.4, 01 09 43.6 +3.2, 01 09 39.9 -0.1, 01 09 40.3 -0.2, 01 09 42.0 -0.1, 01 09 41.5 -0.8, 01 09 42.4 -0.5, 01 09 42.6 -0.5, 01 09 44.7 +2.8, 01 09 46.3 -0.1, 01 09 46.4 +1.9, 01 09 43.2 -1.0, 01 09 44.8 0.0, 01 09 45.8 +0.2, 01 09 46.2 -0.2, 01 09 47.5 0.0, 01 09 48.0 0.0, 01 09 48.6 0.0, 01 09 49.4 +0.1, 01 09 49.7 +0.2, 01 09 50.1 -0.2, 01 09 51.1 +0.2, 01 09 51.9 +0.3, 01 09 52.1 +0.1, 01 09 50.6 -2.6, 01 09 53.9 -0.4, 01 09 54.7 +0.2, 01 09 55.3 0.0, 01 09 55.0 -0.2, 01 09 55.8 +0.2, 01 09 54.5 -1.3, 01 09 56.1 -1.0, 01 09 57.5 +0.3, 01 09 58.1 +0.4, 01 09 58.3 +0.1, 01 09 59.2 +0.7, 01 09 59.0 +0.3, 01 10 00.2 +0.1, 01 13 42.0 +1.5, 01 19 38.7, 01 10 02.9 +1.3, 01 10 01.3 -0.4, 01 13 42.0 +1.5, 01 10 00.3 -0.3, 01 10 01.1 -0.3, 01 10 02.2 +0.5, 01 10 02.7 +0.5, 01 10 01.6 -0.9, 01 10 03.5 -0.9, 01 10 02.5 -0.2, 01 10 03.3 +0.3, 01 10 04.2 +0.3, 01 10 04.9 +0.8, 01 10 05.3 +0.7, 01 10 05.1 +0.6, 01 10 05.2 +0.2, 01 10 06.0 +0.4

Table with columns: 334A Lometa, 20.16 340 P P, 01 10 05.9 -0.6, 236A Katherine and, 20.27 344 P P, 01 10 07.3 -0.3, 432A Menard, 20.33 336 P P, 01 10 08.1 -0.2, 530A J-C Ranch, Com, 20.38 331 P P, 01 10 09.2 +0.4, 333A Richland Sprin, 20.42 338 P P, 01 10 08.8 -0.4, HPIG Lake Whitney, 20.42 317 eP P, 01 10 10.7 +1.2, 139A Bunkhouse Ranch, 20.45 350 P P, 01 10 09.2 -0.4, 431A Sonora, 20.50 334 P P, 01 10 09.8 -0.3, WHTX Lake Whitney, 20.52 342 P P, 01 10 10.0 -0.3, WHTX Lake Whitney, 20.52 342 eP P, 01 10 10.2 -0.1, 138A Matatal Enter, 20.57 348 P P, 01 10 10.3 -0.5, 137A Heron Place, G, 20.65 347 P P, 01 10 11.5 -0.2, LRAL Lakeview Retre, 20.65 8 eP P, 01 10 12.8 +1.1, 136A Ennis, 20.72 345 P P, 01 10 12.2 -0.3, 234A Clairette, 20.74 341 P P, 01 10 12.8 0.0, 332A Millersview, 20.76 336 P P, 01 10 13.0 +0.1, TXAR Lajitas Array, 20.92 325 P P, 01 10 15.1 +0.3, TXAR comp=E,2.3nm,0.9s,baz=180,slow=1.3,SNR=4.2, 01 18 11.5, LR comp=E,2.42nm,20.5s,baz=0.0,slow=36, 01 10 16.4 -1.3, TX31 Lajitas Ar. Si, 20.92 325 eP P, 01 10 16.4 -1.3, 331A San Angelo, 20.97 335 P P, 01 10 15.1 -0.1, Z39A Irene McRaven, 20.97 351 P P, 01 10 14.7 -0.4, 233A Rising Star, 21.01 339 P P, 01 10 15.5 -0.2, 135A Vickers Place, 21.04 343 P P, 01 10 15.8 -0.1, Z38A Mt. Pleasant, 21.12 349 P P, 01 10 16.4 -0.3, 232A Coleman, 21.17 337 P P, 01 10 17.0 -0.4, Z37A Pogue Cattle C, 21.20 347 P P, 01 10 17.5 -0.1, 134A White-Moore Ra, 21.25 341 P P, 01 10 17.6 -0.6, 330A Mertzson, 21.37 333 P P, 01 10 19.4 -0.1, Z36A Blue Ridge, 21.45 346 P P, 01 10 19.8 -0.5, 231A Bronte, 21.47 336 P P, 01 10 20.1 -0.5, 133A Hamilton Ranch, 21.56 340 P P, 01 10 21.3 -0.2, Y39A Lockesburg, 21.64 351 P P, 01 10 21.5 -0.8, GOGA Godfrey, 21.71 15 eP P, 01 10 22.5 -0.5, Z35A Perchaven, San, 21.72 344 P P, 01 10 23.2 0.0, Y38A Idabel, 21.73 350 P P, 01 10 22.7 -0.6, Z30A Sterling City, 21.76 334 P P, 01 10 23.8 +0.2, SLBS Sierra La Lagu, 21.80 303 eP P, 01 10 27.3 +3.1, ABTX Abilene, Hawle, 21.83 338 P P, 01 10 23.7 -0.7, ABTX Abilene, Hawle, 21.83 338 eP P, 01 10 23.6 -0.8, OXF Oxford, 21.93 2 eP P, 01 10 25.2 -0.2, Z34A Collier Ranch, 21.94 342 P P, 01 10 25.3 -0.3, Y37A Hugo, 21.95 348 P P, 01 10 24.8 -0.8, Y36A Durant, 22.02 346 P P, 01 10 25.4 -1.0, Z33A Whitaker Ranch, 22.13 341 P P, 01 10 27.3 -0.2, 131A Roby, 22.15 337 P P, 01 10 27.2 -0.7, MIAR Mount Ida, 22.16 353 P P, 01 10 27.2 -0.7, MIAR Mount Ida, 22.16 353 eP P, 01 10 27.2 -0.7, Y35A Marietta, 22.21 345 P P, 01 10 27.9 -0.5, UALR University of, 22.26 355 eP P, 01 10 28.7 -0.3, LPIG La Paz, 22.28 304 LR LR, 01 19 03.9, RGRS Roger Stewart, 22.28 23 eP P, 01 10 29.4 +0.2, T30A Snyder, 22.31 335 P P, 01 10 28.5 -1.2, Z32A Haskell, 22.39 339 P P, 01 10 30.5 +0.1, Y34A Reagan Ranch, 22.45 343 P P, 01 10 30.6 -0.4, NHSC New Hope, 22.47 22 eP P, 01 10 31.4 +0.2, X38A Whitesboro, 22.47 350 P P, 01 10 30.2 -1.0, X37A Clayton, 22.49 349 P P, 01 10 30.8 -0.7, Z31A Sharp Cattle R, 22.63 338 P P, 01 10 31.8 -1.2, X35A Drake, 22.66 345 P P, 01 10 32.0 -1.2, X36A Centrahoma, 22.68 347 P P, 01 10 32.7 -0.7, Y33A Hilltop Ranch, 22.75 342 P P, 01 10 33.7 -0.5, ATAH Atahualpa, 22.76 148 P P, 01 10 34.2 -0.7, ATAH comp=E,619nm,21.4s,baz=332,slow=6.6,SNR=22, 01 16 37.3, W38A Poteau, 22.81 351 P P, 01 10 34.9 0.0, SWET Sewanee, 22.95 9 eP P, 01 10 35.8 -0.5, HBAR Harrisburg, 22.96 359 eP P, 01 10 35.7 -0.6, Z30A Sanderson Ranc, 22.98 336 P P, 01 10 35.8 -0.9, Y32A R-V Farms, Ver, 23.01 340 P P, 01 10 36.9 0.0, X34A Smith Ranch, M, 23.07 344 P P, 01 10 37.0 -0.6, JSC Jenkinsville, 23.16 19 eP P, 01 10 38.5 +0.1, W36A Wetumka, 23.20 347 P P, 01 10 37.8 -1.0, X33A Lawton, 23.21 342 P P, 01 10 37.7 -1.2, Y31A Reklia Farm, 23.25 338 P P, 01 10 38.8 -0.6, HALT Halls, 23.32 2 eP P, 01 10 39.2 -0.8, X32A Elmer, 23.34 341 P P, 01 10 39.2 -1.0, W35A Tecumseh, 23.35 346 P P, 01 10 39.0 -1.3, GNAR Gosnell, 23.37 0 eP P, 01 10 41.8 +1.4, Y30A Starford Catti, 23.41 337 P P, 01 10 39.7 -1.2, CPCT Cooper Cave, 23.42 12 eP P, 01 10 41.5 +0.5, WMOK Wichita Mounta, 23.48 342 eP P, 01 10 40.1 -1.4, V38A Hilltop Ranch, 23.57 351 P P, 01 10 41.0 -1.4, WVT Waverly, 23.63 5 eP P, 01 10 41.9 -1.0, W34A Bridge Creek, 23.66 344 P P, 01 10 42.2 -1.0, W34A Bridge Creek, 23.66 344 eP P, 01 10 42.4 -0.8, MNTX Cornudas Mount, 23.68 326 P P, 01 10 43.3 -0.2

Table with columns: MNTX Cornudas Mount, 23.68 326 eP P, 01 10 43.6 +0.2, GLAT Glass, 23.68 2 eP P, 01 10 44.8 +1.4, V37A Hulbert, 23.71 350 P P, 01 10 42.7 -1.0, X31A McDonald Ranch, 23.76 340 P P, 01 10 43.1 -1.0, V36A Jenks, 23.76 348 P P, 01 10 42.7 -1.5, W33A Gadsden, Fort Co, 23.77 343 P P, 01 10 43.2 -1.0, UTMT University of, 23.77 3 eP P, 01 10 45.7 +1.4, TKL Tuckaleechee C, 23.78 13 P P, 01 10 43.5 -0.9, TKL comp=E,7.77nm,19.9s,baz=182,slow=37, 01 20 18.0, TKL comp=E,7.75nm,0.8s,baz=182,slow=10.0,SNR=54, 01 20 18.0, TKL comp=E,7.77nm,19.9s,baz=182,slow=37, 01 10 43.9 -0.5, TUL1 Leonard, 23.85 349 P P, 01 10 43.5 -1.5, TUL1 Leonard, 23.85 349 eP P, 01 10 43.5 -1.5, X30A Coker Ranch, C, 23.91 338 P P, 01 10 45.4 -0.3, V35A Meyer Ranch, C, 23.93 347 P P, 01 10 44.1 -1.6, KMCS Kings Mountain, 23.93 18 P P, 01 10 44.9 -0.8, KMCS Kings Mountain, 23.93 18 eP P, 01 10 45.8 0.0, CPXR comp=E,5.3nm,0.8s, 23.96 331 eP P, 01 10 47.9 +1.6, W32A Sentinel, 23.97 341 P P, 01 10 44.8 -1.4, PARMO Parma, 24.07 1 eP P, 01 10 47.2 +0.3, U38A Gravette, 24.14 352 P P, 01 10 47.0 -0.6, V34A Guthrie, 24.16 345 P P, 01 10 46.8 -1.1, V34A Guthrie, 24.16 345 eP P, 01 10 46.8 -1.1, PBMO Poplar Bluff, 24.18 360 eP P, 01 10 47.7 -0.3, U37A Salina, 24.21 350 P P, 01 10 47.2 -1.2, MSTX Muleshoe, 24.25 334 P P, 01 10 48.0 -0.9, MSTX Muleshoe, 24.25 334 eP P, 01 10 47.9 -1.0, W31A Holland Ranch, 24.25 340 P P, 01 10 48.1 -0.7, U36A Oologah, 24.31 349 P P, 01 10 48.4 -0.8, V33A Loosen Ranch, 24.34 344 P P, 01 10 48.7 -0.8, W30A Crockett Farms, 24.46 339 P P, 01 10 50.1 -0.7, V32A Arapaho, 24.47 342 P P, 01 10 50.2 -0.5, U35A Pawnee, 24.49 347 P P, 01 10 50.1 -0.7, AMTX Amarillo, 24.60 337 P P, 01 10 51.1 -0.9, AMTX Amarillo, 24.60 337 eP P, 01 10 51.5 -0.5, T40A Mansfield, 24.64 356 P P, 01 10 51.1 -1.1, U34A Anderson Ranch, 24.74 346 P P, 01 10 51.8 -1.3, U34A Anderson Ranch, 24.74 346 eP P, 01 10 52.1 -1.0, V31A Spring Creek L, 24.76 341 P P, 01 10 53.0 -0.4, U33A Lingo Farm, Me, 24.88 345 P P, 01 10 52.6 -1.8, T37A Cheneyville 18, 24.89 351 P P, 01 10 53.4 -1.0, T35A Sooner Cattle, 24.97 348 P P, 01 10 54.0 -1.2, T36A Boggs Farm, Ca, 24.99 349 P P, 01 10 54.3 -1.1, V30A Spur Ranch, Mi, 25.03 339 P P, 01 10 55.5 -0.3, U32A Winter Ranch, 25.07 343 P P, 01 10 55.4 -0.8, S40A Lebanon, 25.08 356 P P, 01 10 55.0 -1.2, SIUC Southern Iliin, 25.13 2 eP P, 01 10 56.6 0.0, T34A McCluskey Farm, 25.21 347 P P, 01 10 56.9 -0.6, CNNC Cliffs of the, 25.23 24 eP P, 01 10 58.5 +1.0, S39A Bolivar, 25.24 354 P P, 01 10 56.8 -0.9, S38A Stockton, 25.25 353 P P, 01 10 56.5 -1.2, U31A Nine Bar Ranch, 25.31 342 P P, 01 10 58.6 +0.2, H31G Haskins, 25.36 314 eP P, 01 11 01.1 +2.2, USIN University of, 25.46 5 eP P, 01 10 59.8 +0.2, S37A Fort Scott, 25.50 351 P P, 01 10 59.1 -0.9, T33A Patterson Ranc, 25.52 345 P P, 01 10 59.5 -0.8, S36A Lake Cedric, C, 25.58 350 P P, 01 10 59.7 -1.0, 121A Cookes Peak, D, 25.65 324 P P, 01 11 02.1 +0.5, 121A Cookes Peak, D, 25.65 324 eP P, 01 11 03.8 +2.2, S35A Otter Creek R, 25.67 349 P P, 01 11 01.2 -0.3, U30A WK&E Inc. Balk, 25.71 340 P P, 01 11 02.0 -0.1, R40A Madies Statio, 25.75 356 P P, 01 11 01.2 -1.1, T32A Huddler Ranch, 25.80 344 P P, 01 11 01.8 -0.9, R38A Fenwick Farm, 25.80 353 P P, 01 11 01.6 -1.1, R39A Chumby, Stover, 25.84 355 P P, 01 11 01.9 -1.1, S34A Willow Spring, 25.85 347 P P, 01 11 03.2 0.0, U29A Oasis Ranch, S, 25.85 339 P P, 01 11 04.0 +0.6, WCI Wyandotte Cave, 25.86 7 eP P, 01 11 02.8 -0.5, WCI comp=E,1.98nm,0.9s, 01 14 32.3 +0.5, P P, 01 11 03.9 0.0, T31A Randall Ranch, 25.93 342 P P, 01 11 04.0 -0.1, S33A Kaszmaul Farm, 25.95 346 P P, 01 11 04.0 -0.1, SLM Saint Louis, 26.05 360 eP P, 01 11 06.0 +1.2, R37A Teagarden Farm, 26.04 352 P P, 01 11 04.5 -0.4, BLA Blackburg, 26.12 18 eP P, 01 11 06.2 +0.5, R36A Gordon, Harris, 26.15 350 P P, 01 11 05.6 -0.3, OLIL Olney, 26.20 4 eP P, 01 11 06.4 +0.2, OLIL comp=E,180nm,0.8s, 01 14 33.5 +1.0, BNM Barren Site, 26.24 328 eP P, 01 11 08.4 +1.3, R35A Emporia Municip, 26.27 349 P P, 01 11 07.0 0.0, S32A Newby Ranch, P, 26.29 344 P P, 01 11 06.9 -0.3, Y22D IRIS PASSCAL I, 26.33 327 P P, 01 11 08.4 +0.6, Y22D IRIS PASSCAL I, 26.36 327 eP P, 01 11 14.2 +6.4, S31A Mullinville, 26.36 343 P P, 01 11 07.7 -0.1, LPM comp=E,159,SNR=7.1, 26.36 328 eP P, 01 11 08.8 +0.7, Q40A Laux Farm, Aux, 26.44 357 P P, 01 11 07.7 -0.8, R34A Isabella, Hill, 26.45 347 P P, 01 11 08.1 -0.5, T29A Hugoton, 26.50 340 P P, 01 11 08.9 -0.3, Q38A Cooks Store, C, 26.53 354 P P, 01 11 08.7 -0.6, Q37A Longview Farm, 26.54 353 P P, 01 11 08.9 -0.6

Q39A Willow Grove F baz=174	26.56 355 P	P	01 11 08.9 -0.6	S22A 4UR Ranch, Cre baz=145,SNR=10	29.21 332 P	P	01 11 33.7 +0.1	J29A Okreek baz=161	32.02 346 P	P	01 11 57.3 -0.7
R33A Olander Ranch, baz=161,SNR=11	26.63 346 P	P	01 11 09.9 -0.3	S22A 4UR Ranch, Cre comp=Z,16nm,1.2s	29.21 332 eP	P	01 11 34.7 +1.1	GMRC Granite Mounta baz=128	32.02 318 P	P	01 11 56.5 -1.8
S30A Montezuma baz=157	26.67 342 P	P	01 11 10.1 -0.6	S22A M35A Neola baz=169,SNR=5.3	29.26 352 P	PcP	01 14 42.0 +1.8	CRY Gary Ranch baz=166	32.03 315 eP	P	01 11 57.4 -0.9
LAZ Ladrone baz=167	26.70 328 eP	P	01 11 13.0 +1.8	SDMD Soldier's Deli comp=Z,29nm,0.8s	29.30 21 eP	P	01 11 34.4 +0.4	I32A Karley and Nic baz=166	32.04 350 P	P	01 11 56.5 -1.6
Q35A Mercer Eighty, baz=167	26.76 350 P	P	01 11 10.9 -0.5	SDMD Soldier's Deli comp=Z,29nm,0.8s	29.30 21 eP	PcP	01 11 34.4 +0.4	SRU San Rafael Swe comp=Z,31nm,1.4s	32.05 329 eP	P	01 12 00.5 +1.9
BLO Bloomington comp=E,58nm,0.8s	26.77 6 eP	P	01 11 10.7 -0.7	O28A Krutinger Ran baz=156	29.35 342 eP	P	01 11 33.6 -1.1	H37A Dierke Farm, C baz=175	32.06 356 P	P	01 11 56.0 -2.3
BLO Arnold C. Orve baz=168	26.77 351 eP	PcP	01 14 35.5 +1.7	SCIA Star Center comp=Z,44nm,0.7s	29.42 355 eP	P	01 11 35.8 +0.7	BINY Binghamton comp=Z,39nm,0.8s	32.07 20 eP	P	01 11 57.8 -0.7
Q36A Albuquerque comp=E,4.9nm,1.1s,baz=142,slow=13,SNR=9.5	26.78 329 P	P	01 11 11.0 -0.8	O56A Blue Knob Stat baz=203	29.50 18 P	P	01 11 33.9 -2.0	H36A Jessen Rand, He baz=173	32.13 355 P	P	01 11 58.0 -1.0
ANMO Albuquerque comp=E,225nm,18.5s,baz=190,slow=42,LR	26.78 329 eP	LR	01 24 09.1	MVCO Mesa Verde baz=142	29.57 329 P	P	01 11 35.8 -1.0	J28A Allard Ranch, baz=159	32.26 345 P	P	01 11 58.5 -1.7
ANMO Albuquerque comp=Z,5.0nm,1.0s	26.78 329 eP	P	01 11 11.2 -0.6	MVCO Mesa Verde comp=Z,21nm,1.0s	29.57 329 eP	P	01 11 38.2 +1.4	I30A Oacoma baz=143	32.30 347 P	P	01 11 59.4 -1.1
ANMO Albuquerque baz=142	26.78 329 P	P	01 11 11.4 -0.4	L38A Oak Wood Farm, baz=174	29.63 356 P	P	01 11 35.5 -1.5	J27A Elkhorn Farm, baz=158	32.30 344 P	P	01 11 59.0 -1.6
ANMO Albuquerque comp=Z,23nm,1.6s	26.78 329 eP	P	01 11 12.9 +1.1	N29A Votaw Ranch, W baz=159	29.66 344 P	P	01 11 35.4 -1.9	P18A Preston Nutter comp=Z,23nm,1.1s	32.32 330 eP	P	01 12 02.9 +1.8
S29A Ulysses baz=159,SNR=8.5	26.86 341 P	P	01 11 12.0 -0.4	L37A Phoenix Point, baz=173	29.68 355 P	P	01 11 35.6 -1.8	H35A Sunnyside Ranc baz=171	32.34 354 P	P	01 11 59.7 -1.1
R32A Long Quarter, baz=161,SNR=7.4	26.91 345 P	P	01 11 11.9 -0.9	N54A Monroe State baz=200	29.73 16 P	P	01 11 35.7 -2.2	MURC Murrieta baz=124	32.37 315 P	P	01 11 60.0 -1.3
P40A Paris baz=176	26.98 357 P	P	01 11 12.0 -1.3	M31A Lambrecht Ranc baz=162	29.75 347 P	P	01 11 36.4 -1.7	H34A Spurline Lake, baz=170	32.41 353 P	P	01 12 00.3 -1.2
P39A Salisbury baz=174,SNR=15	26.98 356 P	P	01 11 12.1 -1.3	L36A Harn Buss Farm baz=171	29.75 353 P	P	01 11 35.9 -2.2	CCUT Cedar City comp=Z,29nm,1.1s	32.43 324 eP	P	01 12 04.3 +2.3
Q34A Chapman baz=165	26.99 348 P	P	01 11 12.8 -0.7	L34A Svendsen Farm, baz=168	29.85 351 P	P	01 11 37.2 -1.7	P17A Butcher Ranch, comp=Z,32nm,1.6s	32.44 330 eP	P	01 12 03.8 +1.8
R31A Burdett baz=159,SNR=13	27.00 344 P	P	01 11 12.5 -1.1	WUAZ Wupatki baz=185	29.86 324 P	P	01 11 37.4 -1.9	P17A Butcher Ranch, comp=Z,32nm,1.6s	32.44 330 eP	P	01 12 13.6 +0.1
S28A Manter baz=154	27.09 339 P	P	01 11 13.5 -1.1	WUAZ Wupatki comp=Z,27nm,1.1s	29.86 324 eP	P	01 11 41.5 +2.2	MSU Marysvalle baz=167	32.49 318 P	P	01 12 04.5 +2.4
KSU1 Kansas State U baz=166,SNR=7.3	27.10 349 P	P	01 11 13.8 -0.7	WUAZ Wupatki comp=Z,27nm,1.1s	29.86 324 eP	PcP	01 11 41.5 +2.2	HEC Hector Ludlow baz=127	32.49 318 P	P	01 12 04.5 +0.7
KSU1 Kansas State U comp=Z,52nm,1.0s	27.10 349 eP	P	01 11 15.4 +1.0	L35A Bielow Farm, R baz=169	29.87 352 P	P	01 11 37.3 -1.8	H32A Carlson Farm, baz=158	32.49 350 P	P	01 12 00.3 -1.9
P38A Dawn baz=173,SNR=15	27.18 354 P	P	01 11 14.1 -1.1	MVL Millersville comp=Z,31nm,0.8s	29.99 22 eP	P	01 11 40.8 +0.7	TMUT Trail Mountain comp=Z,9.2nm,0.9s	32.54 329 eP	P	01 12 04.0 +1.0
R30A Dighton baz=158	27.21 342 P	P	01 11 14.6 -0.9	SSPA Standing Stone comp=Z,27nm,2.7s	30.04 19 eP	P	01 11 41.4 +0.8	H33A Prehn Over Nor baz=168	32.56 351 P	P	01 18 23.8 -6.0
P37A Lathrop baz=171	27.23 353 P	P	01 11 14.2 -1.4	K38A Parkersburg baz=175,SNR=8.5	30.12 356 P	P	01 11 39.7 -1.6	GLMI Graying comp=Z,3nm,0.8s	32.57 7 eP	P	01 12 00.9 -1.9
Q33A Connelly Farm, baz=163	27.25 347 P	P	01 11 15.1 -0.7	AAM Ann Arbor comp=Z,36nm,0.6s	30.23 10 eP	P	01 11 43.2 +1.0	TUQ Turquoise Moun baz=128	32.59 319 P	P	01 12 02.8 -0.5
TUC Tucson comp=Z,22nm,0.9s	27.31 320 P	P	01 11 16.4 -0.1	K36A Gilmore City baz=172	30.26 354 P	P	01 11 40.6 -1.9	I29A Vivian Onida baz=161	32.60 346 P	P	01 12 02.4 -0.7
TUC Tucson comp=Z,22nm,0.9s	27.31 320 eP	P	01 11 17.8 +1.2	JFWS Jewell Farm comp=Z,19nm,0.8s	30.31 360 eP	P	01 11 42.1 -0.8	H31A Wolsey baz=165	32.65 349 P	P	01 12 01.7 -1.8
P36A Good Intent, A baz=169,SNR=8.5	27.38 352 P	P	01 11 16.0 -0.9	K37A Belmont baz=173	30.31 355 P	P	01 11 41.0 -1.9	J26A Sides Ranch, S baz=151	32.66 342 P	P	01 12 02.4 -1.3
JSRW J. Sargent Re baz=162,SNR=14	27.40 22 eP	P	01 11 17.4 +0.3	M54A Oil Creek Stat baz=200	30.33 16 P	P	01 11 41.0 -2.2	SPMN Marine on St. baz=175	32.69 357 P	P	01 12 01.5 -2.4
Q32A Mettler Ranch, baz=162,SNR=14	27.41 346 P	P	01 11 16.1 -1.2	PV01 Paradox Valley baz=171	30.34 331 eP	P	01 11 44.5 +0.9	SPMN Marine on St. comp=Z,37nm,0.7s	32.69 357 eP	P	01 12 02.3 -1.6
P35A Duane Minner, baz=167	27.41 350 P	P	01 11 16.3 -1.0	M28A Bar X Bar Ranc baz=158	30.41 343 P	P	01 11 42.5 -1.5	SUSD Niles baz=164	32.71 344 P	P	01 12 02.2 -1.9
CBKS Cedar Bluff baz=159	27.55 344 P	P	01 11 17.7 -0.8	ISCO Idaho Springs baz=149	30.42 336 P	P	01 11 42.7 -1.6	G36A St. Michael baz=163	32.77 355 P	P	01 12 02.8 -1.7
CBKS Cedar Bluff comp=Z,36nm,1.1s	27.55 344 eP	P	01 11 17.9 -0.6	ISCO Idaho Springs comp=Z,34nm,1.8s	30.42 336 eP	P	01 11 45.4 +1.1	I28A Midland baz=160	32.78 345 P	P	01 12 03.2 -1.6
O40A La Belle baz=176,SNR=16	27.55 347 P	P	01 11 17.4 -1.1	GLA Glamis baz=126	30.43 316 P	P	01 11 43.1 -1.1	SHPR Sheep Range baz=163	32.79 321 eP	P	01 12 06.8 +1.7
P34A Walnut Farm, R baz=166,SNR=10.0	27.57 359 P	P	01 11 17.7 -1.0	SMCO Snowmass comp=Z,14nm,1.1s	30.45 334 eP	P	01 11 45.9 +1.1	G35A Watkins baz=163	32.82 354 P	P	01 12 03.1 -1.9
R29A Marienthal baz=156	27.60 341 P	P	01 11 17.9 -1.2	L30A Spencer Herefo baz=161	30.50 346 P	PcP	01 11 44.3 +1.8	J25A Sunshine Ranch baz=155	32.95 342 P	P	01 12 05.4 -0.9
Q31A Ellis baz=160	27.64 344 P	P	01 11 17.7 -1.6	K34A Le Mars baz=168	30.51 351 P	P	01 11 43.7 -1.0	G34A Benson baz=170	32.96 353 P	P	01 12 04.5 -1.8
P33A Williams Farm, baz=164	27.64 347 P	P	01 11 17.6 -1.7	L31A Butterfield Fa baz=163	30.51 347 P	P	01 11 42.8 -2.0	G33A Ortonville baz=161	33.02 352 P	P	01 12 04.6 -2.1
T25A Trinity baz=149,SNR=9.3	27.65 335 P	P	01 11 19.2 -0.5	PV05 Paradox Valley baz=167	30.55 330 eP	P	01 11 42.7 -2.1	BFSC Mount Baldy Ra baz=124	33.04 316 P	P	01 12 04.4 -2.9
T25A Trinity comp=Z,33nm,1.2s	27.65 335 eP	P	01 11 21.9 +2.2	K33A Le Mars baz=168	30.57 350 P	P	01 11 44.1 -1.2	I27A Quinn baz=158	33.07 344 P	P	01 12 05.3 -2.0
O38A Galt baz=173,SNR=5.8	27.67 355 P	P	01 11 18.3 -1.2	Y12C Blythe baz=128	30.65 318 P	P	01 11 45.5 -0.6	GSC Goldstone, Bar baz=127	33.08 318 P	P	01 12 05.4 -2.1
NNA Nana baz=175	27.70 151 eP	P	01 11 20.8 +0.7	PV04 Paradox Valley baz=129	30.70 330 eP	P	01 11 47.7 +1.0	CIS Catalina Islan baz=122	33.10 314 P	P	01 12 06.2 -1.5
Q39A Kirkville baz=155	27.73 356 P	P	01 11 18.7 -1.4	PDMCI Parker Dam,Lak baz=129	30.74 319 P	P	01 11 46.0 -0.9	H29A Catalina Islan baz=162	33.15 347 P	P	01 12 05.8 -2.1
R28A Tribune baz=155	27.74 340 P	P	01 11 19.3 -1.1	PV10 Paradox Valley baz=129	30.75 330 eP	P	01 11 48.2 +0.9	K22A Casper baz=150	33.22 338 P	P	01 12 06.7 -2.0
O37A Wolfen Farm, M baz=171	27.78 353 P	P	01 11 19.0 -1.6	J38A Wedel Dairy, R baz=158	30.77 357 P	P	01 11 45.4 -1.6	K22A Casper comp=Z,22nm,1.2s	33.22 338 eP	P	01 12 09.6 +0.8
Q30A Quinter baz=158	27.84 343 P	P	01 11 19.8 -1.3	K32A Verdugo baz=165	30.80 349 P	P	01 11 46.0 -1.4	G32A Webster baz=167	33.24 351 P	P	01 12 06.8 -1.9
O36A Bolckow baz=170	27.84 352 P	P	01 11 19.5 -1.7	J37A Redenius Farm, baz=173	30.84 355 P	P	01 11 46.1 -1.6	I26A New Underwood baz=163	33.26 343 P	P	01 12 06.5 -2.5
SFIN Lafayette comp=Z,56nm,0.8s	27.91 5 P	P	01 11 19.8 -1.8	PV09 Paradox Valley baz=173	30.89 330 eP	P	01 11 50.1 +1.6	G31A Conde baz=166	33.33 350 P	P	01 12 07.4 -2.0
SFIN Lafayette comp=Z,56nm,0.8s	27.91 5 eP	P	01 11 20.8 -0.9	K31A O'Neill baz=163	30.92 348 P	P	01 11 47.1 -1.3	TRY Troy comp=Z,41nm,0.8s	33.36 22 eP	P	01 12 12.6 +2.9
HDIL Hopedale baz=182	27.96 1 P	P	01 11 20.5 -1.6	J36A Seneca 1, Swea baz=172	30.93 354 P	P	01 11 46.9 -2.3	F36A Milaca baz=174	33.37 356 P	P	01 12 08.6 -1.2
HDIL Hopedale comp=Z,39nm,0.8s	27.96 1 eP	P	01 11 23.2 +1.1	N59A State Game Lan baz=208	31.01 21 P	P	01 11 46.9 -2.3	H28A Mission Ridge baz=163	33.38 346 P	P	01 12 09.2 -0.7
HDIL Oakley baz=157	27.98 342 P	P	01 14 38.0 +1.4	L28C Connealy Angus baz=158	31.01 343 P	P	01 11 48.5 -0.8	G30A Faulkton baz=164	33.41 348 P	P	01 12 09.0 -1.1
P32A Huiting Farm, baz=162	28.02 346 P	P	01 11 21.2 -1.6	SWSC Sam W. Stewart baz=125	31.02 315 P	P	01 11 48.8 -0.6	F35A Swanville baz=172	33.46 354 P	P	01 12 09.7 -0.8
CBN Corbin Frederi comp=Z,55nm,0.9s	28.04 22 eP	P	01 11 23.8 +1.0	IBP Imperial Bould baz=124	31.07 314 P	P	01 11 49.2 -0.8	F34A Alexandria baz=171	33.47 354 P	P	01 12 09.9 -0.7
O35A Humboldt baz=168	28.12 351 P	P	01 11 21.9 -1.6	K30A Basset baz=162	31.16 347 P	P	01 11 49.4 -1.1	NLU North Lily Min comp=Z,7.6nm,1.1s	33.47 329 eP	P	01 12 13.0 +1.9
P31A Stockton baz=160	28.12 345 P	P	01 11 21.5 -2.1	BC3 Big Chuckwall baz=126	31.21 317 P	P	01 11 50.5 -0.7	NLU QUAA Belchertown comp=Z,29nm,0.9s	33.48 24 eP	PcP	01 14 52.8 +1.3
O34A Beatrice baz=166	28.17 349 P	P	01 11 22.5 -1.5	J33A Davis baz=167	31.26 350 P	P	01 11 49.9 -1.5	I25A Rochford baz=155	33.50 342 P	P	01 12 11.5 +0.7
O33A Hebron baz=164	28.23 348 P	P	01 11 22.6 -2.0	IRM Iron Mountain baz=128	31.31 318 P	P	01 11 50.7 -1.3	COWI Conover comp=Z,34nm,0.8s	33.52 14 eP	P	01 12 10.4 -0.6
N38A Joe's South For baz=174	28.31 355 P	P	01 11 23.1 -2.2	K29A Lazy Trails An baz=161	31.41 346 P	P	01 11 51.3 -1.5	SADO Sadowa comp=Z,25nm,0.8s	33.52 14 eP	P	01 12 10.5 -0.6
N39A Derby Farms, D baz=175,SNR=8.4	28.34 356 P	P	01 11 23.8 -1.8	MONPE Monument Peak baz=124	31.43 315 P	P	01 11 52.0 -1.3	H27A Howes baz=163	33.60 345 P	P	01 12 11.8 -0.1
ACSO Alum Creek Sta comp=Z,37nm,0.8s	28.35 12 eP	P	01 11 25.6 +0.0	J32A Parkton baz=165	31.47 349 P	P	01 11 50.7 -2.5	G29A Hoven baz=162	33.63 348 P	P	01 12 11.7 -0.4
P30A Selden baz=159	28.37 343 P	P	01 11 24.4 -1.4	I38A Scanlan Farm, baz=176	31.48 357 P	P	01 11 51.7 -1.6	EDW2 Edwards Air Fo baz=163	33.63 316 P	P	01 12 13.0 +0.7
N37A Lee Faris, Mou baz=172,SNR=6.4	28.37 354 P	P									

12d 1h

E33A	Westby DABS, E	34.25 353	P	P	01 12 16.4 -1.1
R11A	Troy Canyon, C	34.25 323	P	P	01 12 18.3 +0.5
R11A	Troy Canyon, C	34.25 323	eP	P	01 12 19.8 +2.0
R11A	Dupree	34.26 345	eP	P	01 14 54.5 +0.8
G27A	Samuel	34.27 127	eP	P	01 12 17.0 -0.9
SAML	Plevna	34.31 17	eP	P	01 14 53.6 -0.3
PLVO	Arvin	34.34 316	P	P	01 12 19.2 +0.9
ARVC	Maurine	34.35 344	P	P	01 12 18.5 +0.1
G26A	Isabella, Lake	34.40 317	P	P	01 12 19.9 +0.9
ISA	McLaughlin	34.44 347	P	P	01 12 19.4 +0.2
F28A	Grapevine Rang	34.48 320	P	P	01 12 20.8 +1.2
GRAC	Braaten, Kindr	34.48 352	P	P	01 12 19.1 -0.3
E32A	Newell	34.48 343	P	P	01 12 19.3 -0.3
G25A	Boulder Array	34.52 334	P	P	01 12 19.6 -0.5
BW06	Boulder Array	34.52 334	eP	P	01 12 20.3 +0.2
BW06	Pinedale Array	34.52 334	eP	P	01 12 20.3 +0.2
PD31	Pinedale Array	34.52 334	eP	P	01 12 19.8 -0.3
PDAR	Pinedale Array	34.52 334	eP	P	01 14 54.8 +0.3
PDAR	Nome	34.57 311	P	P	01 12 19.0 -1.2
ES1A	Cottonwood Cre	34.59 318	P	P	01 12 19.9 -0.8
CWC	Cotton	34.60 357	P	P	01 12 19.0 -1.4
D37A	Remer	34.62 355	P	P	01 12 19.2 -1.5
D35A	Midlebury	34.63 22	eP	P	01 12 20.9 +0.1
MDV	Goodland	34.66 356	P	P	01 12 19.4 -1.5
D36A	Lake Ozonia	34.69 20	eP	P	01 12 21.2 -0.1
LONY	Park Rapids	34.73 354	P	P	01 12 20.5 -1.1
D34A	Lemmon	34.75 345	P	P	01 12 21.1 -0.8
F27A	AnnSam, Waubun	34.86 353	P	P	01 12 21.7 -1.0
D33A	Napoleon	34.89 349	P	P	01 12 22.6 -0.4
E29A	Lodgepole	34.89 345	P	P	01 12 22.7 -0.4
F26A	Vestal, Richgr	34.91 317	P	P	01 12 23.3 0.0
YES	Dogwood Acres,	35.00 352	P	P	01 12 22.8 -1.1
D32A	McClaffin, Tow	35.02 351	P	P	01 12 22.7 -1.4
D31A	Huff	35.11 347	P	P	01 12 24.5 -0.4
E28A	Sawbill Land,	35.12 359	P	P	01 12 24.0 -1.0
C38A	Carson	35.16 346	P	P	01 12 24.8 -0.5
E27A	Bowman	35.17 344	P	P	01 12 24.9 -0.5
F25A	Auburn Hatcher	35.19 333	eP	P	01 12 26.8 +0.9
AHID	Hansel Valley	35.20 330	eP	P	01 12 27.7 +1.8
HVU	Grand Marais	35.21 0	P	P	01 12 24.3 -1.4
FRNY	Flat Rock	35.22 21	eP	P	01 12 24.8 -1.0
C36A	Pine Crest Far	35.22 357	P	P	01 12 24.5 -1.3
C35A	Jirik Farms, M	35.24 356	P	P	01 12 24.8 -1.2
C35A	Simmer	35.24 315	P	P	01 12 26.8 +0.6
D30A	Buchanan	35.24 350	P	P	01 12 25.0 -1.0
D30A	RKJ Ranch, Bem	35.27 354	P	P	01 12 25.2 -1.0
C34A	Ely	35.35 358	P	P	01 12 25.5 -1.5
EYMN	Ely	35.35 358	eP	P	01 12 25.8 -1.2
EYMN	Carlson Angus	35.42 345	P	P	01 12 26.4 -1.2
E26A	Trail	35.46 354	P	P	01 12 27.1 -0.8
C33A	Red Top Meadow	35.55 334	eP	P	01 12 29.4 +0.4
REDW	Snow King Moun	35.59 334	eP	P	01 12 30.1 +0.7
SNOW	Long Hollow	35.65 334	eP	P	01 12 29.5 -0.3
LOHW	Regan	35.67 348	P	P	01 12 29.3 -0.4
D28A	Miller Ranch,	35.69 344	P	P	01 12 29.4 -0.5
E25A	Elko	35.70 327	P	P	01 12 30.2 -0.2
ELK	Elko	35.70 327	eP	P	01 14 57.6 -0.4
ELK	Elko	35.70 327	eP	P	01 12 32.1 +1.7
ELK	Landman Farms,	35.75 351	P	P	01 14 58.7 +0.7
C31A	Mose, Pekin	35.77 350	P	P	01 12 29.5 -1.1
C30A	Center	35.79 347	P	P	01 12 29.6 -1.2
D27A	Moose Ponds	35.82 334	eP	P	01 12 31.7 +0.4
MOOV	Mina Array Sit	35.85 321	eP	P	01 12 33.7 +2.2
NV11	Bob, Littlefor	35.87 356	P	P	01 14 59.8 -1.4
B35A	Manning	35.93 346	P	P	01 12 31.7 -0.3
D26A	Mina Array Sit	35.94 321	eP	P	01 12 34.5 +2.1
NV01	Mina Array Bea	35.94 321	eP	P	01 14 59.6 +1.0
NV01	Mina Array Bea	35.94 321	eP	P	01 12 34.1 +1.7
NVAR	Missoula	39.64 334	eP	P	01 15 00.1 +1.4
NVAR	Seelye Lake	39.78 335	eP	P	01 15 11.4 +1.7
NVAR	Macdoel	40.14 322	P	P	01 13 05.8 +1.2
NVAR	Sumner Lake	40.17 324	eP	P	01 13 08.3 +0.7
NVAR	Swartz Lake	40.20 335	eP	P	01 13 10.1 +2.1
NVAR	Beach Ranch, E	40.47 331	eP	P	01 13 08.2 +0.1
NVAR	Jet	40.53 325	eP	P	01 13 10.6 +0.3
NVAR	Callahan	40.51 321	P	P	01 13 03.7 +0.3
NVAR	Yreka Blue Hor	40.63 322	P	P	01 13 03.7 +0.3
NVAR	Livon Verde	40.65 149	eP	P	01 15 11.4 +1.7
NVAR	Fort Rock, OR	40.72 325	P	P	01 13 05.8 +1.2
NVAR	Modoc Plateau	39.31 324	eP	P	01 13 08.3 +0.7
NVAR	Chamberlain Mo	39.42 335	eP	P	01 13 10.1 +2.1
NVAR	Missoula	39.64 334	P	P	01 13 08.2 +0.1
NVAR	Missoula	39.64 334	eP	P	01 13 10.6 +0.3
NVAR	Seelye Lake	39.78 335	eP	P	01 13 03.7 +0.3
NVAR	Macdoel	40.14 322	P	P	01 13 03.7 +0.3
NVAR	Sumner Lake	40.17 324	eP	P	01 13 10.1 +2.1
NVAR	Swartz Lake	40.20 335	eP	P	01 13 10.1 +2.1
NVAR	Beach Ranch, E	40.47 331	eP	P	01 13 08.2 +0.1
NVAR	Jet	40.53 325	eP	P	01 13 10.6 +0.3
NVAR	Callahan	40.51 321	P	P	01 13 10.6 +0.3
NVAR	Yreka Blue Hor	40.63 322	P	P	01 13 11.4 +0.4
NVAR	Livon Verde	40.65 149	eP	P	01 13 10.8 -0.4
NVAR	Fort Rock, OR	40.72 325	P	P	01 13 13.6 +1.4
NVAR	Modoc Plateau	39.31 324	eP	P	01 13 12.7 +0.3
NVAR	Chamberlain Mo	39.42 335	eP	P	01 13 14.3 +1.3
NVAR	Missoula	39.64 334	P	P	01 13 14.3 +1.3
NVAR	Missoula	39.64 334	eP	P	01 13 14.0 +0.7
NVAR	Seelye Lake	39.78 335	eP	P	01 15 15.1 +1.4
NVAR	Macdoel	40.14 322	P	P	01 13 16.8 +0.4
NVAR	Sumner Lake	40.17 324	eP	P	01 13 20.4 +2.5
NVAR	Swartz Lake	40.20 335	eP	P	01 13 19.3 +1.0
NVAR	Beach Ranch, E	40.47 331	eP	P	01 13 21.1 +1.1
NVAR	Jet	40.53 325	eP	P	01 13 21.1 +1.1
NVAR	Callahan	40.51 321	P	P	01 13 22.5 +0.7
NVAR	Yreka Blue Hor	40.63 322	P	P	01 13 24.0 +1.0
NVAR	Livon Verde	40.65 149	eP	P	01 13 24.0 +1.0
NVAR	Fort Rock, OR	40.72 325	P	P	01 13 23.8 +0.6
NVAR	Modoc Plateau	39.31 324	eP	P	01 13 23.2 -0.5
NVAR	Chamberlain Mo	39.42 335	eP	P	01 13 24.3 +0.6
NVAR	Missoula	39.64 334	P	P	01 13 24.3 +0.6
NVAR	Missoula	39.64 334	eP	P	01 13 24.3 +0.6
NVAR	Seelye Lake	39.78 335	eP	P	01 13 24.6 +0.9
NVAR	Macdoel	40.14 322	P	P	01 13 24.7 +0.8
NVAR	Sumner Lake	40.17 324	eP	P	01 13 25.1 +1.0
NVAR	Swartz Lake	40.20 335	eP	P	01 13 25.1 +1.0
NVAR	Beach Ranch, E	40.47 331	eP	P	01 13 25.1 +1.0
NVAR	Jet	40.53 325	eP	P	01 13 25.1 +1.0
NVAR	Callahan	40.51 321	P	P	01 13 25.1 +1.0
NVAR	Yreka Blue Hor	40.63 322	P	P	01 13 26.6 +1.5
NVAR	Livon Verde	40.65 149	eP	P	01 13 26.6 +1.5
NVAR	Fort Rock, OR	40.72 325	P	P	01 13 26.6 +1.5
NVAR	Modoc Plateau	39.31 324	eP	P	01 13 26.6 +1.5
NVAR	Chamberlain Mo	39.42 335	eP	P	01 13 26.6 +1.5
NVAR	Missoula	39.64 334	P	P	01 13 26.6 +1.5
NVAR	Missoula	39.64 334	eP	P	01 13 26.6 +1.5
NVAR	Seelye Lake	39.78 335	eP	P	01 13 26.6 +1.5
NVAR	Macdoel	40.14 322	P	P	01 13 26.6 +1.5
NVAR	Sumner Lake	40.17 324	eP	P	01 13 26.6 +1.5
NVAR	Swartz Lake	40.20 335	eP	P	01 13 26.6 +1.5
NVAR	Beach Ranch, E	40.47 331	eP	P	01 13 26.6 +1.5
NVAR	Jet	40.53 325	eP	P	01 13 26.6 +1.5
NVAR	Callahan	40.51 321	P	P	01 13 26.6 +1.5
NVAR	Yreka Blue Hor	40.63 322	P	P	01 13 26.6 +1.5
NVAR	Livon Verde	40.65 149	eP	P	01 13 26.6 +1.5
NVAR	Fort Rock, OR	40.72 325	P	P	01 13 26.6 +1.5
NVAR	Modoc Plateau	39.31 324	eP	P	01 13 26.6 +1.5
NVAR	Chamberlain Mo	39.42 335	eP	P	01 13 26.6 +1.5
NVAR	Missoula	39.64 334	P	P	01 13 26.6 +1.5
NVAR	Missoula	39.64 334	eP	P	01 13 26.6 +1.5
NVAR	Seelye Lake	39.78 335	eP	P	01 13 26.6 +1.5
NVAR	Macdoel	40.14 322	P	P	01 13 26.6 +1.5
NVAR	Sumner Lake	40.17 324	eP	P	01 13 26.6 +1.5
NVAR	Swartz Lake	40.20 335	eP	P	01 13 26.6 +1.5
NVAR	Beach Ranch, E	40.47 331	eP	P	01 13 26.6 +1.5
NVAR	Jet	40.53 325	eP	P	01 13 26.6 +1.5
NVAR	Callahan	40.51 321	P	P	01 13 26.6 +1.5
NVAR	Yreka Blue Hor	40.63 322	P	P	01 13 26.6 +1.5
NVAR	Livon Verde	40.65 149	eP	P	01 13 26.6 +1.5
NVAR	Fort Rock, OR	40.72 325	P	P	01 13 26.6 +1.5
NVAR	Modoc Plateau	39.31 324	eP	P	01 13 26.6 +1.5
NVAR	Chamberlain Mo	39.42 335	eP	P	01 13 26.6 +1.5
NVAR	Missoula	39.64 334	P	P	01 13 26.6 +1.5
NVAR	Missoula	39.64 334	eP	P	01 13 26.6 +1.5
NVAR	Seelye Lake	39.78 335	eP	P	01 13 26.6 +1.5
NVAR	Macdoel	40.14 322	P	P	01 13 26.6 +1.5
NVAR	Sumner Lake	40.17 324	eP	P	01 13 26.6 +1.5
NVAR	Swartz Lake	40.20 335	eP	P	01 13 26.6 +1.5
NVAR	Beach Ranch, E	40.47 331	eP	P	01 13 26.6 +1.5
NVAR	Jet	40.53 325	eP	P	01 13 26.6 +1.5
NVAR	Callahan	40.51 321	P	P	01 13 26.6 +1.5
NVAR	Yreka Blue Hor	40.63 322	P	P	01 13 26.6 +1.5
NVAR	Livon Verde	40.65 149	eP	P	01 13 26.6 +1.5
NVAR	Fort Rock, OR	40.72 325	P	P	01 13 26.6 +1.5
NVAR	Modoc Plateau	39.31 324	eP	P	01 13 26.6 +1.5
NVAR	Chamberlain Mo	39.42 335	eP	P	01 13 26.6 +1.5
NVAR	Missoula	39.64 334	P	P	01 13 26.6 +1.5
NVAR	Missoula	39.64 334	eP	P	01 13 26.6 +1.5
NVAR	Seelye Lake	39.78 335	eP	P	01 13 26.6 +1.5
NVAR	Macdoel	40.14 322	P	P	01 13 26.6 +1.5
NVAR	Sumner Lake	40.17 324	eP	P	01 13 26.6 +1.5
NVAR	Swartz Lake	40.20 335	eP	P	01 13 26.6 +1.5
NVAR	Beach Ranch, E	40.47 331	eP	P	01 13 26.6 +1.5
NVAR	Jet	40.53 325	eP	P	01 13 26.6 +1.5
NVAR	Callahan	40.51 321	P	P	01 13 26.6 +1.5
NVAR	Yreka Blue Hor	40.63 322	P	P	01 13 26.6 +1.5
NVAR	Livon Verde	40.65 149	eP	P	01 13 26.6 +1.5
NVAR	Fort Rock, OR	40.72 325	P	P	01 13 26.6 +1.5
NVAR	Modoc Plateau	39.31 324	eP	P	01 13 26.6 +1.5
NVAR	Chamberlain Mo	39.42 335	eP	P	01 13 26.6 +1.5
NVAR	Missoula	39.64 334	P	P	01 13 26.6 +1.5
NVAR	Missoula	39.64 334	eP	P	01 13 26.6 +1.5
NVAR	Seelye Lake	39.78 335	eP	P	01 13 26.6 +1.5
NVAR	Macdoel	40.14 322	P	P	01 13 26.6 +1.5
NVAR	Sumner Lake	40.17 324	eP	P	01 13 26.6 +1.5
NVAR	Swartz Lake	40.20 335	eP	P	01 13 26.6 +1.5
NVAR	Beach Ranch, E	40.47 331	eP	P	01 13 26.6 +1.5
NVAR	Jet	40.53 325	eP	P	01 13 26.6 +1.5
NVAR	Callahan	40.51 321	P	P	01 13 26.6 +1.5
NVAR	Yreka Blue Hor	40.63 322	P	P	01 13 26.6 +1.5
NVAR	Livon Verde	40.65 149	eP	P	01 13 26.6 +1.5
NVAR	Fort Rock, OR	40.72 325	P	P	01 13 26.6 +1.5
NVAR	Modoc Plateau	39.31 324	eP	P	01 13 26.6 +1.5
NVAR	Chamberlain Mo	39.42 335	eP	P	01 13 26.6 +1.5
NVAR	Missoula	39.64 334	P	P	01 13 26.6 +1.5
NVAR	Missoula	39.64 334	eP	P	01 1

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like BPAW, PPLA, MLY, COLD, SUMG, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like LANS, NIE, NIE, PKSM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like Sheshan, Nanjing, Incheon, etc.

ISCJB 12 01:19:48.2.0.2, 33°19'N, 0°02:124°01'E, 0.03, h10km, mb4, 7/82, MS4, 1/22, Error ellipse: s-maj=3.8km s-min=3.1km az=136.0

Table with columns: BRTR, Keskin Array B, 69.93 305 P, P, 01 31 01.8 0.0, comp-Z, 1.0nm, 0.8s, baz=83, slow=3, SNR=4.0

Table with columns: MRA, San Martin, 3.03 113 eP, Pn, 01 37 39.2 -0.2, comp=N, 151nm, 0.6s

Table with columns: Ms4.7/52, Ms7.4/5/50, MOS 12.01:45.22.0.1, 3.66N, 126.69E, h33km, mb5.4/53, MS4.1/8, Error ellipse: s-maj=11.7km s-min=5.4km

ISCJ 12.01:35:05.9.2.6, 26.61N, 144.25E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.4/37, mbtmp3.4/4, Error ellipse: s-maj=156.3km s-min=26.9km az=2.0, Bonin Islands region

DDA 12.01:42:33.0, 40.69N, 32.85E, h1km, Md2.8, ISK 12.01:42:33.6, 40.66N, 32.84E, h5km, MD3.0, CSEM 12.01:42:33.9, 40.66N, 32.83E, h2km, MD2.8, Error ellipse: s-maj=3.7km s-min=3.4km az=178.0

ISCJ 12.01:42:34.2, 1.0, 40.68N, 0.03, 32.84E, 0.02, h7km, 10km, n34, c0566/51, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SJA San Juan, 0.46 120, Op, ISC, h m s ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ELDT Eldivan, 0.9 113, Op, ISC, h m s ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, APSI Ampana, 6.72 228, P, Pn, 01 47 08.5 +6.2

ISCJ 12.01:36:52.4, 0.4, 31.29S, 69.30W, h145km, 12km, ML3.3, SJA 12.01:36:52.2, 1.0, 31.32S, 69.01W, h108km, 5km, ML3.2, MW3.2

ISC 12.01:36:53.0, 1.4, 31.30S, 0.04, 69.03W, 0.04, h109km, 10km, n19, c0558/30, 1C-8D, San Juan Province

ISCJ 12.01:36:52.3, 0.7, 31.29S, 0.03, 69.02W, 0.04, h114km, 7km, Error ellipse: s-maj=11km s-min=5.0km az=33.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SJA San Juan, 0.46 120, Op, ISC, h m s ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ELDT Eldivan, 0.9 113, Op, ISC, h m s ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, APSI Ampana, 6.72 228, P, Pn, 01 47 08.5 +6.2

12d 1h

2011 JAN

Table with columns for station code, name, coordinates, and various signal quality metrics (e.g., pmax, pmax, 01 50 26.1 +0.8).

Table with columns for station code, name, coordinates, and various signal quality metrics (e.g., CMAR, 01 50 26.1 +0.8).

Table with columns for station code, name, coordinates, and various signal quality metrics (e.g., CN2, 01 50 26.1 +0.8).

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PFO, ANMO, ANMO, SHPR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like B08A, WVT, HDIL, SWET, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LZH, CD2, QIZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SIJI, WRA, CMAR, etc.

IDC 12 02:42:27.2.2.4, 2*43N-128.78E, h263km, 29gkm, mb3.3/5, mb1 3.5/6, mb1mx3.2/44, mbtmp3.9/6, Error ellipse: s-maj=50.5km s-min=14.9km az=67.0, Halmahera

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ELDT, SAFT, CANT, etc.

IDC 12 03:04:01.9.0.7, 36°81'N-28°11'E, h0km, mb3.9/11, mb1 3.9/19, mb1mx3.8/57, mbtmp3.9/19, ML3.7/7, MS3.9/1, Ms1 3.9/1, ms1mx2.6/54, Error ellipse: s-maj=15.5km s-min=12.0km az=168.0

HLW 12 03:04:02.0.37, 12°N-27°83'E, h24km, 14km, Md4.5 NSSC 12 03:04:02.5.0.7, 36°75'N-28°01'E, h0km, 99gkm AT 12 03:04:03.4.36, 12°N-28°05'E, h23km, MD4.0/74, ML3.9 ISK 12 03:04:03.2.36, 18°N-28°05'E, h10km, ML3.8 DDA 12 03:04:04.3.0.1, 36°84'N-28°17'E, h3km, ML3.9 CSEM 12 03:04:04.3.0.1, 36°84'N-28°08'E, h10km, ML3.9, Error ellipse: s-maj=2.2km s-min=1.9km az=8.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TURN, BDRM, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like SLUM, PLD, LTBO, KNT, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like NKCC, FINES, ESDC, AKTO, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like IZM, IZM, KULA, KHAL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TWMT Shoushan, EAST Anshuo, TAWU, SCZT Fangliu, etc.

JMA 12 04:04:39.9, 0.1, 24.82N, 121.97E, h106km, 1km, M3.0
TAP 12 04:04:40.8, 24.87N, 121.99E, h101km, 1km, ML3.7, D
ISCJB 12 04:04:41.0, 0.7, 24.82N, 122.02E, 0.02, h99km, 4km,
Error ellipse: s-maj=5.9km s-min=3.1km az=162.3

ISC 12 04:04:41.4, 1.6, 24.82N, 122.02E, 0.03, h98km, 9km,
n41, c571177, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TWB1 Santiao Chiao, TWB1, TWC Suao, etc.

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

ISCJB 12 04:07:30.4, 1.0, 26.2N, 0.1x143.2E, 0.2, h10km, mb3.8/6,
MS3, 1/1, Error ellipse: s-maj=27.0km s-min=12.3km
az=136.8

IDC 12 04:07:31.0, 1.2, 26.19N, 142.95E, h0km, mb3.9/6,
mb4.1/7, mb1mx3.7/42, mbtmp3.9/7, ML3.8/1, MS3.2/1,
Ms1 3.2/1, ms1mx2.4/48, Error ellipse: s-maj=33.6km
s-min=20.2km az=62.0

ISC 12 04:07:31.9, 1.1, 26.2N, 0.1x143.0E, 0.2, h10km, n9,
r1560h, mb3.9/6, Bonin Islands region

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

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

ISCJB 12 04:07:30.4, 1.0, 26.2N, 0.1x143.2E, 0.2, h10km, mb3.8/6,
MS3, 1/1, Error ellipse: s-maj=27.0km s-min=12.3km
az=136.8

IDC 12 04:07:31.0, 1.2, 26.19N, 142.95E, h0km, mb3.9/6,
mb4.1/7, mb1mx3.7/42, mbtmp3.9/7, ML3.8/1, MS3.2/1,
Ms1 3.2/1, ms1mx2.4/48, Error ellipse: s-maj=33.6km
s-min=20.2km az=62.0

ISC 12 04:07:31.9, 1.1, 26.2N, 0.1x143.0E, 0.2, h10km, n9,
r1560h, mb3.9/6, Bonin Islands region

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KURK, KURBB, COLD, COLA, KSH, ILI, ILAR, ILB, AAK, DOT, VOSK, BVAR, ARU, ARKAR, YKA, VSR, FINES, KBZ, KIV, NV01, NVAR, R11A, AKASG, NB2, NOA, BRTR, STHS, LANS, GERES, TORD, PLCA, LPAZ, SAML.

NEIC 12 04:14:42.0, 36:245.73:78W, h21km, ML4.8(GUC), After GUC.

NEIC FELT [V] at Cobquecura; [III] at Chiquayante, Concepcion, Hualpen, San Pedro de la Paz, Talcahuano and TML; [II] at Cauquenes, Linares and Parral.

GUC 12 04:14:42.0, 36:245.73:78W, h21km, 2km, ML4.8

IDC 12 04:14:42.2, 1.1, 36:255.73:45W, h0km, mb3.8/7, mb1 3.9/10, mb1mx3.9/25, mbtmp3.9/10, ML4.0/3, MS3.9/10, MS1 3.9/10, ms1mx3.7/22, Error ellipse: s-maj=30.9km s-min=16.9km az=82.0

ISC 12 04:14:43.8, 1.8, 36:232S:0104:73.75W, h0km, 11km, n48, r155/43, mb4.2/6, MS3.9/8, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like COCH, CCSP, CCHI, CCHI, CCHI, NICH, CANA, CANA, CLCH, ROCI, PEL, PLCA, AUSP, RTLS, RTCV, RRTL, ACAN, AMOG, LCO, LCO, LCO, AVFE, AVFE, MRA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ACHE, AGUA, VCA, ACLS, TCA, TRQA, CYA, CYA, AHML, FSA, LVC, LVC, LVC, CPUP, CPUP, LPAZ, SIIV, SIV, NNA, PMSA, BDFB, PTGA, SDV, RCBR, QSPA, VNDA, MEH, PPT2, PPT, TXAR, TXAR, DBIC, TORD.

MOS 12 04:16:07.6, 2.8, 70:43N:142.25E, h4km, mb4.3/3, 4C, Error ellipse: s-maj=51.4km s-min=17.3km az=92.6, Near north coast of eastern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SEY, BILL, YAK, YAK, MA2, COLA, MKAR, MKAR, FINES, ANMO, ANMO, WRAB, WRAB.

ISCJB 12 04:20:33.9, 0.8, 26:7N:01:143:82E:0:09, h10km, mb3.8/7, Error ellipse: s-maj=16.7km s-min=11.4km az=2.0

IDC 12 04:20:34.0, 3.0, 26:65N:143:81E, h0km, mb3.8/7, mb1 4.1/8, mb1mx3.7/61, mbtmp3.8/8, ML3.5/1, Error ellipse: s-maj=25.5km s-min=20.8km az=78.0

ISC 12 04:20:35.9, 1.0, 26:7N:01:143:77E:0:11, h10km, n10, o55/11, mb3.9/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JCJ, JCJ, MJAR, WRA, ASAR, MKAR, KURBB, ILAR, YKA, KBZ, LPAZ.

ISCJB 12 04:21:17.3, 0.7, 26:7N:01:143:87E:0:09, h10km, mb4.0/1, Error ellipse: s-maj=14.9km s-min=10.9km az=15.3

IDC 12 04:21:17.0, 8.0, 26:67N:143:88E, h0km, mb3.9/11, mb1 4.1/13, mb1mx3.9/61, mbtmp3.9/13, ML3.3/2, Error ellipse: s-maj=23.3km s-min=19.0km az=79.0

ISC 12 04:21:18.9, 0.9, 26:7N:01:143:80E:0:09, h10km, n15, o110/16, mb4.1/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JCJ, JCJ, MJAR, USR, WRA, ASAR, MKAR, KURBB, ILAR, BVAR, INK, YKA, YKA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KBZ, AKASG, LPAZ.

GUC 12 04:25:44.0, 3.0, 23:19S:71:201W, h22km, 3km, ML3.7, 2C, Off coast of northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PB10, PB10, PB04, PB04, PB06, PB06, PB14, PB14, PB07, PB07, PB01, PB01, HMBC, HMBC.

IDC 12 04:27:21.4, 0.8, 13:27N:50:62E, h0km, mb4.0/19, mb1 4.1/21, mb1mx3.9/62, mbtmp4.0/21, ML3.9/2, MS3.8/19, MS1 3.8/19, ms1mx3.6/44, Error ellipse: s-maj=19.5km s-min=15.1km az=144.0

NEIC 12 04:27:22.0, 0.4, 13:30N:50:63E, h10km, mb4.0/1, Error ellipse: s-maj=11.3km s-min=7.5km az=142.0

ISCJB 12 04:27:23.0, 1.5, 13:40N:07:50:45E:0:05, h21km, mb4.0/19, MS3.8/16, Error ellipse: s-maj=10.5km s-min=6.7km az=176.3

ISC 12 04:27:25.3, 0.7, 13:44N:01:10:50:46E:0:08, h21km, n37, o125/27, mb4.1/19, MS3.8/16, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MUKL, MUKL, BDHA, BDHA, ATD, WSAR, KMBO, KMBO, KMBO, ASF, MYAR, GEYT, GNI, GNI, H08N2, H08N3, H08N1, BRTR, KBZ, KVAR, AKTO, AKASG, BVAR, MKAR, KURBB, GERES, CMAR, CMAR, TORD, ZALV, ZALV, FINES, HFS, ESDC, NOA, SONM, ARCES, EKA, WRK, RES, ASAR, TRN.

Table with columns: ROOS, eS, Sn, Time, Res. Includes stations like ROOS, REVI, KZIT, etc.

IDC 12 07:28:37.9.3.1, 53.57N-87.82E, h0km, mb1.2/2, mb1mx2.6/37, mbmtp2.7/2, ML2.4/2, Error ellipse: s-maj=26.1km s-min=15.5km az=60.0, Southwestern Siberia

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

IDC 12 07:46:36.5.1.6, 12.73N-87.74W, h0km, mb3.8/5, mb1.4/0.7, mb1mx3.7/34, mbmtp3.8/7, ML3.2/2.0, Error ellipse: s-maj=55.8km s-min=19.7km az=47.0, Near coast of Nicaragua

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

ISCJB 12 07:49:51.3.1.2, 31.02N-101.142E, h0.3, h35km, mb3.4/4, Error ellipse: s-maj=39.2km s-min=7.6km az=162.1

IDC 12 07:49:51.2.1.2, 30.61N-141.49E, h0km, mb3.4/4, mb1.3/6.5, mb1mx3.4/33, mbmtp3.4/5, ML3.5/1.1, MS3.0/1, Ms1.3/0.1, ms1mx2.2/33, Error ellipse: s-maj=45.8km s-min=22.8km az=89.0

JMA 12 07:49:53.0.5.3, 31.33N-142.32E, h0km, M3.8, ISC 12 07:49:52.7.1.7, 31.00N-142.95E, 0.3, h35km, n11, r=122/14, mb3.4/4, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JHJ, JOD2, etc.

ISCJB 12 07:52:22.3.1.3, 43.54N-109.147E, 1.0, h65km, 11km, Error ellipse: s-maj=18.4km s-min=7.0km az=14.5

JMA 12 07:52:23.0.0.1, 43.44N-147.06E, h2km, M3.9, SKHL 12 07:52:23.0.0.1, 43.47N-147.19E, h47km, M3.8/3, ISC 12 07:52:22.2.2.2, 43.55N-109.147E, 0.1, h57km, 16km, n11, r=072/18, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SHO, NEM2, YUK, etc.

NIED 12 08:00:00.27.10N, 143.70E, h17km, Mw3.8 Best double couple: M0.820000, 1014 NP1:89.000000, 847.000000, 1.153.000000, NP2:89.000000, 874.000000, 1.46.000000, ISCJB 12 08:00:39.5.1.1, 27.20N-107.143E, 0.07, h10km, mb4.0/10, Error ellipse: s-maj=12.4km s-min=6.0km az=136.8

NEIC 12 08:00:39.7.1.0, 26.63N-143.05E, h10km, mb4.5/2, Error ellipse: s-maj=32.5km s-min=15.4km az=68.0, IDC 12 08:00:39.2.1.0, 26.63N-143.05E, h0km, mb3.9/8, mb1.4/1.1, mb1mx3.8/6.1, mbmtp3.9/10, ML3.6/2, Error ellipse: s-maj=34.4km s-min=17.1km az=64.1, JMA 12 08:00:41.1.0.4, 27.07N-143.71E, h24km, M4.2, ISC 12 08:00:40.9.1.2, 27.14N-109.143E, 0.09, h10km, n26, r=165/28, mb4.1/10, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CBIJ, JCJ, JHHJ, etc.

ISCJB 12 08:01:16.4.0.4, 16.70N-104.61W, 0.07, h146km, 3km, mb3.7/7, Error ellipse: s-maj=12.2km s-min=4.8km az=150.9

TRN 12 08:01:16.5.16, 16.72N-61.81W, h140km, MD3.5, M3.6(DFD), IDC 12 08:01:17.3.2.4, 16.67N-61.92W, h138km, 24km, M3.4/7, mb1.3/6.9, mb1mx3.4/52, mbmtp3.9/9, Error ellipse: s-maj=36.8km s-min=16.1km az=27.0

ISC 12 08:01:17.6.0.7, 16.58N-105.61W, 0.08, h143km, 5km, n34, r=046/46, mb3.9/7, 4C-4D, Leeward Islands

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

NIED 12 08:09:00.24.40N, 125.20E, h23km, Mw4.0 Best double couple: M0.100000, 1015 NP1:82.500000, 830.000000, 1.147.000000, NP2:89.000000, 874.000000, 1.65.000000, NEIC 12 08:09:09.3.1.8, 24.11N-125.58E, h10km, mb4.7/2, Error ellipse: s-maj=39.2km s-min=12.8km az=152.0

ISCJB 12 08:09:13.0.0.2, 24.31N-106.125E, 0.06, h42km, 5km, mb3.9/14, MS3.5/9, Error ellipse: s-maj=12.4km s-min=5.3km az=143.9

JMA 12 08:09:15.7.0.1, 24.38N-125.23E, h40km, 4km, M3.6, IDC 12 08:09:29.3.16.0, 25.08N-125.26E, h131km, 108km, mb3.5/12, mb1.3/6.13, mb1mx3.4/66, mbmtp3.9/13, ML3.8/1, MS3.5/10, Ms1.3/5.10, ms1mx3.1/43, Error ellipse: s-maj=142.8km s-min=26.4km az=179.0

ISC 12 08:09:14.4.1.4, 24.29N-106.125E, 0.05, h35km, 4km, n45, r=132/46, mb4.0/14, MS3.5/9, Southwestern Ryukyu Islands

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

Table with columns: JOGS, Gusukube, 0.47, 6, P, Pn, etc. Includes stations like Miyako jima, Irabujima, etc.

ISCJB 12 08:10:13.4.0.4, 33.12N-102.35E, 48E, 0.03, h3km, 4km, Error ellipse: s-maj=4.3km s-min=2.8km az=31.9

Gil 12 08:10:13.6.0.0, 33.06N-35.43E, h2km, MD2.4/4, CSEM 12 08:10:13.7.0.1, 33.12N-35.46E, h2km, MD2.4, Error ellipse: s-maj=3.5km s-min=2.0km az=120.0

NSSC 12 08:10:14.9.1.1, 33.10N-35.55E, h5km, 4km, ML2.4, GRAL 12 08:10:14.4.0.4, 33.13N-35.46E, h0km, 3km, MD3.2

ISC 12 08:10:14.0.1.1, 33.12N-102.35E, 47E, 0.02, h6km, 5km, n42, r=074/68, Jordan-Syria region

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

Table with columns: BHL, Bhannes, 0.80, 11, eP, Pn, etc. Includes stations like BHL, TOT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like PKM Mcpherson Peak, NMTM Middleton, GATR Gnd/Air Tx Cnt, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like HUMO Hill Mountain, WVOR Wild Horse Val, ELK Elko, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like CSEM 12 08:53:54.3, 1.3674N, 101.4737E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like MSOM, UNV, SPIA, KDAK, etc.

NEIC 12 09:03:19.0, 58.25N, 139.11W, h2km, ML3.5(OTT), ML3.6(AEIC), After AEIC.

PGC 12 09:03:19.0, 7.58, 28N, 139.10W, h15km, ML3.5/8, 115km Sse of Yakutat, Ak Off Coast Of Southeastern Alaska

ISC 12 09:03:17.2, 2.2, 58.14N, 107.132W, 20.005, h17km, 14km, n47, e129/65, Off coast of southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like YUK2, YUK1, PNL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like YUK2, GLB, YUK1, etc.

NIED 12 09:04:00.32, 30N, 136.60E, h440km, Mw4.2 Best double couple: M2, 42000-1015, NP1, 213.00000, 831.00000, 1-113.00000, NP2, 60.00000, 861.00000, 1-76.00000

BUI 12 09:04:51.3, 32.10N, 136.87E, h470km, mb4.6/35, mb4.8/25

MOS 12 09:04:52.9, 0.3, 32.18N, 136.53E, h459km, mb4.1/33, Error ellipse: s-maj=12.4km s-min=6.4km az=100.6

ISCJB 12 09:04:52.9, 0.3, 32.17N, 136.04E, 136.68E, 0.04, h463km, 2km, mb4.1/62, Error ellipse: s-maj=5.8km s-min=5.0km az=179.8

NEIC 12 09:04:53.6, 0.5, 32.13N, 136.62E, h455km, 6km, mb4.3/10, Error ellipse: s-maj=9.8km s-min=9.8km az=177.0

IDC 12 09:04:54.4, 0.6, 32.25N, 136.53E, h457km, 6km, mb3.5/27, mb1.3/33, mb1.m3x3.6/58, mbmp4.4/33, Error ellipse: s-maj=9.3km s-min=8.9km az=70.0

JMA 12 09:04:54.5, 0.3, 32.30N, 136.59E, h463km, 3km, M3.8, ISC 12 09:04:54.0, 0.5, 32.19N, 136.67E, 0.05, h457km, 5km, n135, e128/170, mb4.2/62, 8C-6D, Southeast of Shikoku

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like TT01, JWZ, JJJ, etc.

KSR5 Korea Array 8.90 309 P P 09 06 58.6 -0.5

KS15 Wonju Array Si 8.92 308 eP P 09 06 56.9 -0.2

KS01 Wonju Array St 8.94 309 eP P 09 07 23.9 +1.1

ERM Erimo 11.09 26 eP P 09 07 28.0 +0.3

VLA Vladivostok 11.55 342 P P 09 07 54.5 +2.0

YUK Yuzh-Sakhalins 15.47 161 eP P 09 08 10.1 +0.4

YSS Yuzh-Sakhalins 15.47 16 eP P 09 08 10.6 +0.9

HABR Khabarovsk 16.31 356 eP P 09 08 18.2 -0.4

HABR HABR 16.31 356 eS P 09 11 08.5 +0.9

HABR HABR 16.31 356 pmax pmax

HABR HABR 16.31 356 pmax pmax

HABR HABR 16.31 356 pmax pmax

HABR HABR 16.31 356 pmax pmax

HABR HABR 16.31 356 pmax pmax

HABR HABR 16.31 356 pmax pmax

HABR HABR 16.31 356 pmax pmax

HABR HABR 16.31 356 pmax pmax

HABR HABR 16.31 356 pmax pmax

HABR HABR 16.31 356 pmax pmax

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, I, S, C. Includes stations like MA2, KMI, KMI, etc.

WMQ Urumqi 39.77 301 eP P 09 11 45.0 -0.9

WMQ Urumqi 39.77 301 pP S 09 13 14.0 +3.7

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

WMQ Urumqi 39.77 301 pmax pmax

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIV Kislovodsk, FINES FINESS Array B, AKASG Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, JOW Kugigami, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEX 12 09:33:10.6, 0.6, 2.714N x 111.68W, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I31KZ AKTYUBINSK INF, H46RU ZALESOVO INFRA22.19, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSMY Great Sitkin M, GSKC Great Sitkin C, ETKA Kagalaska Isla, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MCMT McKenzie Canyon, NVAR Mina Array Be, KSRK Korea Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, TXAR Lajitas Array, LZH Lanzhou, etc.

ISC 12 09:06:26.1 ± 1.3, 51.48N:175.20W, h0km, mb3.8/14, mb1 4.0/15, mb1mx3.8/59, mbmt3.8/15, ML4.2/1, Error ellipse: s-maj=42.4km s-min=15.4km az=176.0

ISC 12 09:06:31.6 ± 0.7, 51.36N:175.24W, h0.04, h40km, n47, ±1505/46, mb3.9/14, Andreanof Islands

ISC 12 09:50:50.0 ± 0.5, 51.22N:175.14W, h0.5km, h40km, mb3.8/14, Error ellipse: s-maj=7.7km s-min=4.5km az=173.5

ISC 12 09:50:52.8 ± 0.5, 51.39N:175.23W, h0.04, h47km, n120, ±1818/115, mb4.4/46, MS3.6/12, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSKC Great Sitkin C, ETKA Kagalaska Isla, GSTR Great Sitkin T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSKC Great Sitkin C, ETKA Kagalaska Isla, GSTR Great Sitkin T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARCS ARCES Array B, ARCS, etc.

12d 10h

Table with columns: TOR, Torodi Ar, Bea, 115.68, 3, PKP, PKPdf, 10 09 29.2 -0.8, etc.

SOME 12 09:57:31.8, 40.83N, 78.10E, h20km

KRNET 12 09:57:32.9, 0.1, 40.75N, 78.29E, mb3.3

ISC 12 09:57:31.6, 2.0, 40.83N, 0.008, 78.14E, 0.04, h10km, n50,

r1543/4, 31C-15D, Southern Xinjiang

Main table for 12d 10h section, listing station names, coordinates, and times for various stations like PRZ, ANVS, ULHL, SATY, BOOM, ZHN, ZHN, TNSH, TNSH, UZB, UZB, MDOK, MDOK, IZV, IZV, KZA, KZA, KZA, KOTS, KOTS, MTBS, MTBS, KURS, KURS, SHLS, SHLS, KPKS, KPKS, PDGK, PDGK, PDGK, PDGK, KST, KST, TKM2, TKM2, TKM2, TKM2, BMNS, BMNS, DGS, DGS, KBK, KBK, KBK, ARLS, ARLS, UCH, UCH, UCH, UCH, KTBS, KTBS, KTMS, KTMS, CHKK, CHKK, MNBS, MNBS, AAK, AAK, AAK, AAK, ARXS, ARXS, AML, AML, AML, AML.

2011 JAN

Table for 2011 JAN section, listing station names, coordinates, and times for stations like USP, DJR, DJR, DJR, EKS2, MRKS, MRKS, MNAS, MNAS, KAPS, KAPS, KAPS, KK31, KK31, KK31.

ISCJB 12 10:06:23.3, 1.4, 26.9N, 0.1x143.88E, 0.09, h10km, mb3.6/2, Error ellipse: s-maj=16.9km s-min=10.2km

IDC 12 10:06:25.0, 8.0, 26.69N, 143.59E, h0km, mb3.6/2, mb1 3.8/3, mb1mx3.4/2, mbmtpp3.6/3, ML3.6/1, Error ellipse: s-maj=302.5km s-min=33.3km az=76.0

JMA 12 10:06:28.7, 27.14N, 143.72E, h37km, 4km, M4.3

ISC 12 10:06:25.8, 1.5, 26.9N, 0.1x143.72E, 0.09, h10km, n6, r1517/7, Bonin Islands region

Table for Bonin Islands region, listing station names, coordinates, and times for stations like CBJJ, CBJJ, JHHJ, JHHJ, JHO, JHO, MJAR, MJAR, WRA, WRA, MKAR, MKAR.

ISCJB 12 10:13:10.4, 0.8, 54.9S, 0.1x0.2E, 0.2, h10km, mb4.7/13, MS3.8/13, Error ellipse: s-maj=20.1km s-min=13.8km

IDC 12 10:13:10.4, 0.8, 54.80S, 0.27E, h0km, mb4.3/9, mb1 4.5/9, mb1mx4.1/41, mbmp4.3/9, MS3.8/13, Ms1 3.8/13, ms1mx3.7/17, Error ellipse: s-maj=29.0km s-min=20.9km

NEIC 12 10:13:11.9, 0.7, 54.90S, 0.23E, h10km, mb4.6/4, Error ellipse: s-maj=18.6km s-min=13.8km az=73.0

ISC 12 10:13:12.1, 0.8, 54.9S, 0.1x0.2E, 0.2, h10km, n33, r1509/16, mb4.6/13, MS3.8/13, 1D, Bouvet Island region

Main table for 2011 JAN section, listing station names, coordinates, and times for various stations like SNA, SNA, HOPE, HOPE, SYO, SYO, MAW, MAW, BOSA, BOSA, QSPA, QSPA, TRQA, TRQA, H10S2, H10S2, H10S3, H10S3, VNSA, VNSA, VNSA, H10S1, H10S1, PLCA, PLCA, PLCA, CPUP, CPUP, CPUP, BDFB, BDFB, LVC, LVC, DBIC, DBIC, DBIC, DBIC, LPAZ, LPAZ, LPAZ, SAML, SAML, SAML, TOR, TOR, TOR, PTGA, PTGA, H08N3, H08N3, H08N1, H08N1, H08N2, H08N2, H01W2, H01W2, H01W1, H01W1, H01W3, H01W3, H01W3, STKA, STKA, ASAR, ASAR, ASAR, MKAR, MKAR, MKAR, YKA, YKA, YKA, ILAR, ILAR, ILAR.

IDC 12 10:30:44.6, 2.3, 21.24N, 142.02E, h0km, mb3.4/5, mb1 3.8/5, mb1mx3.4/5, mbmtpp3.4/5, MS3.3/1, Ms1 3.3/1, ms1mx2.5/21, Error ellipse: s-maj=222.1km s-min=25.1km az=109.0, Mariana Islands region

Table for Mariana Islands region, listing station names, coordinates, and times for stations like JCJ, JCJ, WRA, WRA, ASAR, ASAR, ILAR, ILAR, YKA, YKA, NVAR, NVAR.

594

CSEM 12 10:31:15.6, 36.34N, 37.45E, h20km, MD2.8, Suspected Mining explosion.

DDA 12 10:31:15.6, 36.34N, 37.45E, h20km, MD2.8, Suspected Mining explosion., Jordan-Syria region

Table for Jordan-Syria region, listing station names, coordinates, and times for stations like KUZU, KUZU, HCB, HCB, YAVL, YAVL, AYKD, AYKD, AYKD, ANDN, ANDN, ANDN.

ISK 12 10:31:34.3, 40.14N, 31.74E, h5km, MD3.3

CSEM 12 10:31:35.4, 0.2, 40.16N, 31.79E, h2km, MD3.0, Error ellipse: s-maj=5.0km s-min=4.3km az=154.0

DDA 12 10:31:35.2, 40.15N, 31.78E, h6km, MD3.0

ISC 12 10:31:35.8, 1.2, 40.16N, 0.03, 31.75E, 0.03, h3km, n12km, n36, r089/45, Turkey

Main table for Turkey region, listing station names, coordinates, and times for various stations like AUMIH, AUMIH, AUMIH, MDUB, MDUB, MDUB, BCAM, BCAM, BCAM, SVRH, SVRH, SVRH, LOD, LOD, LOD, LOT, LOT, ESKT, ESKT, GULT, GULT, BORA, BORA, AFRS, AFRS, AFRS, KIZT, KIZT, SAFT, SAFT, SAFT, ELDT, ELDT, ELDT, ELDT, CAVI, CAVI, CAVI, BANT, BANT, BOLV, BOLV, BOLV, ADVT, ADVT, HRT, HRT, SHUT, SHUT, SHUT, SILT, SILT, TVSB, TVSB, CORM, CORM, KLYT, KLYT, KLYT, MKAR, MKAR, KCTX, KCTX.

IDC 12 10:31:46.1, 7.9, 56.17N, 86.43E, h0km, mb1 3.0/3, mb1mx2.9/49, mbmtpp3.0/3, ML2.3/3, Error ellipse: s-maj=81.1km s-min=34.5km az=26.0, Southwestern Siberia

Table for Southwestern Siberia, listing station names, coordinates, and times for stations like I46RU, I46RU, ZALV, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR.

ISCJB 12 10:34:18.4, 0.5, 38.72N, 0.03x29.28E, 0.04, h8km, 6km, Error ellipse: s-maj=5.0km s-min=4.3km az=142.3

CSEM 12 10:34:18.4, 0.2, 38.71N, 29.27E, h10km, MD2.6, Error ellipse: s-maj=4.0km s-min=3.5km az=109.0

DDA 12 10:34:18.0, 38.71N, 29.29E, h7km, MD2.6

ISC 12 10:34:18.2, 1.0, 38.72N, 0.02x29.29E, 0.03, h11km, 10km, n32, r046/42, Turkey

Main table for Turkey region, listing station names, coordinates, and times for various stations like KHAL, KHAL, KHAL, KHL, KHL, KHL, KULA, KULA, KULA, KULA, DEMI, DEMI, DEMI, DEMI, MANT, MANT, MANT, TVSB, TVSB, TVSB, SHUT, SHUT, AKS, AKS, AKS, KHL, KHL, AYDB, AYDB, BAGO, BAGO, BORA, BORA, BORA, CAVI, CAVI, CAVI, IGD, IGD, IZI, IZI, IZI, KCTX, KCTX, KCTX, GULT, GULT, GULT, FETY, FETY, FETY.

IDC 12 10:35:10.1, 4.6, 30.97S, 179.31W, h0km, mb3.8/3, mb1 4.1/3, mb1mx3.8/2, mbmtpp3.8/3, Error ellipse: s-maj=252.2km s-min=38.7km az=163.0, Kermadec Islands region

Table for Kermadec Islands region, listing station names, coordinates, and times for stations like KCTX, KCTX, GULT, GULT, FETY, FETY.

ASAR Alice Springs 41.96 268 P P 10 43 02.9 -0.1
WRA Warrungarra Arr 43.00 273 P P 10 43 11.3 -0.2
NVAR Mina Array Bea 89.42 43 P P 10 48 09.0 -0.1

IDC 12 10:37:37.6:0.8,51.63Nk:75.36E,h0km,mb1 2.7/4,
mb1mx2.7/35,mbmp2.7/4,ML2.3/4,Error ellipse:
s-maj=24.3km s-min=6.1km az=28.0

Suspected lightning explosion.
ISC 12 10:37:37.1:0.9,51.78Nk:0.06:75.51E:0.04,h0km,n13,
a=153Z/22,7C-5D,Eastern Kazakhstan

Code Station Name Az AzZ Phase ID Time Res
KURBB Kurchatov Arra 2.23 120 Pn 10 38 15.6 +0.3
KURBB Kurchatov Arra 2.23 120 Pn 10 38 15.6 +0.3
KURBB Kurchatov Arra 2.23 120 Pn 10 38 15.6 +0.3

MOS 12 10:37:45.5:2.5,53.86Nk:167.06E,h15km,mb4.2/1,Error
ellipse: s-maj=33.3km s-min=17.1km az=31.2

KRSC 12 10:37:45.5:2.1,53.86Nk:167.06E,h15km,10km,ML4.0

Code Station Name Az AzZ Phase ID Time Res
KBTR Krutoberegovo 3.39 316 Pn 10 38 38.8 +1.0
KBTR Krutoberegovo 3.39 316 Pn 10 38 38.8 +1.0
KBTR Krutoberegovo 3.39 316 Pn 10 38 38.8 +1.0

GUC 12 10:57:31.1:0.3,38.34Sx73.98W,h17km,4km,ML4.0,
Near coast of central Chile

Code Station Name Az AzZ Phase ID Time Res
VLCH Valdivia 1.57 159 Pn 10 57 58.5 +0.3
VLCH Valdivia 1.57 159 Pn 10 57 58.5 +0.3
VLCH Valdivia 1.57 159 Pn 10 57 58.5 +0.3

IDC 12 11:12:06.0:1.2,29.61Nk:68.24E,h0km,mb3.6/1/1,
mb1 3.8/13,mb1mx3.6/54,mbmp3.7/13,ML3.4/2,MS3.1/2,
Ms1 3.1/2,ms1mx2.6/36,Error ellipse: s-maj=29.6km
s-min=21.1km az=133.0

ISCJB 12 11:12:07.2:0.9,29.6N:0.1:68.2E:0.1,h24km,mb3.6/10,
MS3.2/1,Error ellipse: s-maj=22.4km s-min=12.4km
az=41.6

ISC 12 11:12:09.1:1.0,29.5N:0.1:68.1E:0.1,h24km,n13,
a=157Z/14,mb3.7/10,Pakistan

Code Station Name Az AzZ Phase ID Time Res
WSAR Wadi Sarin 10.56 236 Pn 11 14 38.9 -0.1
WSAR Wadi Sarin 10.56 236 Pn 11 14 38.9 -0.1
WSAR Wadi Sarin 10.56 236 Pn 11 14 38.9 -0.1

AKTO Aktyubinsk 22.21 343 P P 11 07 03.3 -0.4
KURBB Kurchatov Arra 22.47 18 P P 11 07 04.5 -1.8
BVAR Borovoye Array 23.52 3 P P 11 07 16.7 -0.5
ZALV Zalesovo Beam 27.25 22 P P 11 07 50.4 -0.8

CSEM 12 11:16:47.4:0.2,78.36Nk:59.30E,h10km,ML3.7,Error
ellipse: s-maj=10.7km s-min=8.0km az=135.0

ISCJB 12 11:16:49.0:0.9,28.60N:0.07:59.20E:0.06,h10km,Error
ellipse: s-maj=10.7km s-min=5.8km az=145.5

TEH 12 11:16:51.3,28.45N:59.19E,h28km,ML3.7

ISC 12 11:16:49.1:1.6,28.50N:0.06:59.17E:0.05,h10km,n33,
a=053/33,4C-4D,Southern Iran

Code Station Name Az AzZ Phase ID Time Res
ZHSF Zahedan 1.79 51 Pn 11 17 19.9 -0.4
ZHSF Zahedan 1.79 51 Pn 11 17 19.9 -0.4
ZHSF Zahedan 1.79 51 Pn 11 17 19.9 -0.4

IDC 12 11:55:39.4:3.9,37.73Nk:90.66W,h0km,mb3.4/2,
mb1 3.7/4,mb1mx3.4/42,mbmp3.3/4,ML3.4/2,MS3.3/2,
Ms1 3.3/2,ms1mx2.8/26,Error ellipse: s-maj=138.6km
s-min=43.9km az=32.0

MEX 12 11:55:45.9:0.4,13.50N:92.93W,h15km,MD4.0,Off
coast of Chiapas

Code Station Name Az AzZ Phase ID Time Res
PCIG Comitan 2.21 353 Pn 11 56 44.1 -2.7
PCIG Comitan 2.21 353 Pn 11 56 44.1 -2.7
PCIG Comitan 2.21 353 Pn 11 56 44.1 -2.7

ISC 12 11:17:58.6:3.7,53N:36.47E,h7km,MD2.9

ISCJB 12 11:17:59.1:0.4,37.52N:0.03:36.46E:0.03,h9km,4km,
Error ellipse: s-maj=5.1km s-min=3.6km az=27.4

CSEM 12 11:17:59.1:0.2,37.52N:36.45E,h7km,MD2.9,Error
ellipse: s-maj=5.3km s-min=3.6km az=171.0

DDA 12 11:17:59.1,37.52N:36.49E,h7km,MD2.9

ISC 12 11:17:59.3:0.8,37.51N:0.03:36.45E:0.02,h12km,6km,
n30,a=051/44,Turkey

Code Station Name Az AzZ Phase ID Time Res
ANDN Andirin 0.11 312 Pn 11 18 02.2 -0.1
ANDN Andirin 0.11 312 Pn 11 18 02.2 -0.1
ANDN Andirin 0.11 312 Pn 11 18 02.2 -0.1

ISC 12 11:21:24.0:1.0,5.50S:131.11E,h0km,mb4.1/7,
mb1 4.2/9,mb1mx4.0/27,mbmp4.2/9,ML4.3/2,Error
ellipse: s-maj=46.9km s-min=17.3km az=70.0

ISCJB 12 11:21:30.0:0.5,5.55S:0.04:131.26E:0.03,h68km,
mb4.0/6,Error ellipse: s-maj=5.6km s-min=4.6km
az=166.6

DJA 12 11:21:32.9:0.3,5.52S:131.11E,h78km,13km,ML4.6/16,
mb5.5/1,mb4.7/5,MLV4.5/16,MW(mB)4.9/1

ISC 12 11:21:32.5:0.7,5.43S:0.05:131.23E:0.04,h68km,n27,
a=1929/35,mb4.0/6,Banda Sea

Code Station Name Az AzZ Phase ID Time Res
BNDI Bandanaira 1.60 304 Op Pn 11 22 00.0 +1.3
BNDI Bandanaira 1.60 304 Op Pn 11 22 00.0 +1.3
SAUI Saumlaki 2.54 178 Pn 11 22 12.8 +1.4

IDC 12 11:55:39.4:3.9,37.73Nk:90.66W,h0km,mb3.4/2,
mb1 3.7/4,mb1mx3.4/42,mbmp3.3/4,ML3.4/2,MS3.3/2,
Ms1 3.3/2,ms1mx2.8/26,Error ellipse: s-maj=138.6km
s-min=43.9km az=32.0

MEX 12 11:55:45.9:0.4,13.50N:92.93W,h15km,MD4.0,Off
coast of Chiapas

Code Station Name Az AzZ Phase ID Time Res
PCIG Comitan 2.21 353 Pn 11 56 44.1 -2.7
PCIG Comitan 2.21 353 Pn 11 56 44.1 -2.7
PCIG Comitan 2.21 353 Pn 11 56 44.1 -2.7

ISC 12 11:17:58.6:3.7,53N:36.47E,h7km,MD2.9

ISCJB 12 11:17:59.1:0.4,37.52N:0.03:36.46E:0.03,h9km,4km,
Error ellipse: s-maj=5.1km s-min=3.6km az=27.4

CSEM 12 11:17:59.1:0.2,37.52N:36.45E,h7km,MD2.9,Error
ellipse: s-maj=5.3km s-min=3.6km az=171.0

DDA 12 11:17:59.1,37.52N:36.49E,h7km,MD2.9

ISC 12 11:17:59.3:0.8,37.51N:0.03:36.45E:0.02,h12km,6km,
n30,a=051/44,Turkey

Code Station Name Az AzZ Phase ID Time Res
LREZ Lake Rotokare 0.18 29 Pn 12 02 09.3 -1.0
LREZ Lake Rotokare 0.18 29 Pn 12 02 09.3 -1.0
PREZ Palmer Road 0.29 339 Pn 12 02 09.4 -0.3

ISC 12 11:21:24.0:1.0,5.50S:131.11E,h0km,mb4.1/7,
mb1 4.2/9,mb1mx4.0/27,mbmp4.2/9,ML4.3/2,Error
ellipse: s-maj=46.9km s-min=17.3km az=70.0

Table with columns: ZFRI, PRNI, KRMI, HRFI, MBRI, etc. and values for various stations and parameters.

Table with columns: FITZ, COEN, SYO, KDU, PMG, etc. and values for various stations and parameters.

Table with columns: BJI, HHC, HNC, etc. and values for various stations and parameters.

IDC 12 13:05:08.5,0.6,57.10S:148.36E,h0km,mb4.5/11, mb1.4,0/11,mb1mx4.4/29,mbtmp4.5/11,MS4.8/18, MS1.4/8/18,ms1mx4.8/18,Error ellipse: s-maj=31.3km s-min=15.8km az=77.0

ISCJB 12 13:05:09.5,0.5,57.39S:147.3E,0.1,h10km, mb5.0/23,MS4.8/26,Error ellipse: s-maj=11.6km s-min=8.1km az=168.1

NEIC 12 13:05:11.2,0.4,57.32S:147.56E,h10km,mb5.2/11,Error ellipse: s-maj=17.4km s-min=9.8km az=84.0

GCMT 12 13:05:11.0,1.0,57.39S:147.43E,h12km,MW5.4/107, Moment Tensor Solution. s95,c152; s107,c198;

Duration: t=3 Moment tensor: Scale 10^17Nm; Mn=0.02±0.2; M90=0.74±0.02; M95=0.72±0.02; Mn-1.46±0.02; M90-1.02±0.05; Best double couple: M:1.67900e+10; NP1:7.77000e+08; S85.0000e+0; L:1.68.0000e+0; NP2:3.46.0000e+08; S78.0000e+0; L:5.0000e+0; Principal axes: T 1.8560, Pigs.0000e+0, Azm211.0000e+0; N 0.0460, Plg77.0000e+0; Azm211.0000e+0; Azm302.0000e+0; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BUI 12 13:05:12.0,57.06S:147.77E,h8km,mb5.6/14,mb5.8/14, MS5.3/16,MS7.4/9/18

MOS 12 13:05:16.8,3.0,56.66S:149.04E,h33km,mb4.5/8,Error ellipse: s-maj=58.2km s-min=11.5km az=56.4

ISC 12 13:05:11.8,0.4,57.01S:147.71E,h10km,n171,c199/172,mb5.0/23,MS4.9/27,11C-27D,West of Macquarie Island

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. listing various stations and their parameters.

Main table with columns: FITZ, COEN, SYO, KDU, PMG, etc. listing various stations and their parameters.

Main table with columns: BJI, HHC, HNC, etc. listing various stations and their parameters.

CSEM 12 13:06:38.5,1.0,38.20N:20.49E,h5km,MD2.8,Error ellipse: s-maj=19.4km s-min=7.3km az=66.0 ATH 12 13:06:37.6,38.21N:20.42E,h5km,MD2.8/4,Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VLS Valsamata, LK2D Lefkada island, PDD Prodomos, ANX Ano Chora.

Table with columns: SFNV Sufian, Time, Res. Includes stations like KBSD Kabsdagh, KBSD Kabsdagh.

Table with columns: ULM Lac du Bonnet, ARCES ARCES Array B, GERES GERES Array B. Includes times and residuals.

IDC 12 13:07:33.8.0.8, 25.571N, 143.14E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.5/46, mbtmp3.8/6, Error ellipse: s-maj=37.3km s-min=18.3km az=91.0

ISCJBJ 12 13:07:37.4.0.7, 25.611N, 143.00E, h2.0, h40km, mb3.9/7, Error ellipse: s-maj=27.5km s-min=7.4km az=161.1

NEIC 12 13:07:38.9.0.7, 25.611N, 143.00E, h35km, mb4.5/1, Error ellipse: s-maj=33.0km s-min=14.1km az=86.0

ISC 12 13:07:39.6.0.8, 25.711N, 143.00E, h2.0, h40km, n12, r141/14, mb3.7/7, Volcano Islands region

MEX 12 13:26:26.0.0.4, 27.03N, 111.44W, h12km, 15km, MD4.1, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRIG Santa Rosalia, SRIG Santa Rosalia, HSIG Sierra La Lagu, SLBS Sierra La Lagu.

DDA 12 13:36:44.2.1, 41.42N, 35.87E, h8km, MD2.7, Suspected Mining explosion.

ISCJBJ 12 13:36:45.3.0.5, 41.40N, 0.03, 35.86E, 0.03, h0km, Error ellipse: s-maj=4.6km s-min=3.0km az=18.5

CSEM 12 13:36:45.4.0.2, 37.13N, 35.84E, h1km, MD2.7, Error ellipse: s-maj=5.4km s-min=3.9km az=18.0, Suspected Mining explosion.

ISC 12 13:36:45.2.1, 41.36N, 35.80E, h6km, MD2.9, Error ellipse: s-maj=36.44.8.0.8, 41.40N, 0.03, 35.85E, 0.02, h0km, n36, o82/56, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAMS Samsun-Alacam, SAMS Samsun-Alacam, HAVZ Havza, HAVZ Havza, KVRT Kavak, KVRT Kavak, BOYT Boyabat, BOYT Boyabat, SNOP Sinop, SNOP Sinop, ERBA Erbaa, ERBA Erbaa, ERBA Erbaa, ERBA Erbaa, COAL Corum-Alaca, COAL Corum-Alaca, COAL Corum, COAL Corum, ORDU Ordu-Boztepe, ORDU Ordu-Boztepe, ORDU Ordu-Boztepe, ILGA Ilgaz, ILGA Ilgaz, SVSK Karacayir, SVSK Karacayir, YOZ Yozgat, YOZ Yozgat, CUSAR Sarkisla-SIVAS, CUSAR Sarkisla-SIVAS, ELDT Eldivan, ELDT Eldivan, CDAG Cicekdag, CDAG Cicekdag, SUSE Susehri, SUSE Susehri, ESPY Espiye-Giresun, ESPY Espiye-Giresun, BNN Bunyan, BNN Bunyan.

ISC 12 13:46:40.0.1, 41.32N, 36.16E, h7km, MD2.6, Error ellipse: s-maj=5.5km s-min=3.9km az=36.7

CSEM 12 13:46:44.8.0.7, 40.99N, 36.07E, h2km, MD2.6, Error ellipse: s-maj=7.3km s-min=5.5km az=43.0, Suspected Mining explosion.

DDA 12 13:46:44.6.0, 40.99N, 36.06E, h7km, MD2.7, Suspected Mining explosion.

ISC 12 13:46:45.0.0.8, 40.99N, 0.03, 36.04E, 0.03, h0km, n19, o89/130, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KVT Kavak, KVT Kavak, HAVZ Havza, HAVZ Havza, SAMS Samsun-Alacam, SAMS Samsun-Alacam, ERBA Erbaa, ERBA Erbaa, BOYT Boyabat, BOYT Boyabat, SNOP Sinop, SNOP Sinop, SVSK Karacayir, SVSK Karacayir, CORM Corum, CORM Corum, YOZ Yozgat, YOZ Yozgat, ILGA Ilgaz, ILGA Ilgaz.

IDC 12 13:52:16.8.4.9, 38.15N, 141.12E, h145km, 42km, mb3.5/3, mb1 3.3/8, mb1mx3.0/59, mbtmp3.8/8, Error ellipse: s-maj=49.1km s-min=39.2km az=128.0

NNC 12 13:52:22.4.0.0, 38.62N, 141.87E, h187km, 61km, mb2.5, mpv3.4, Error ellipse: s-maj=46.6km s-min=23.1km az=1.0

ISC 12 13:52:19.8.2.1, 38.4N, 0.1, 72.93E, 0.10, h150km, n29, r189/27, mb3.6/3, 4C-6D, Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AML Almayashu, UCH Uch, KZA Kyzart, MNAS Manas, MNAS Manas, EK2S Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, ULHL Ulahol, CHMS Chumysh, TKM2 Tokmak, TKM2 Tokmak, KK31 Karatay Array, KK31 Karatay Array, MKAR Makanchi Array, GEYT Aitbek, KURBB Kurchatov Arr, KOLN Koldanda, AB31 Akbulak array, AB31 Akbulak array, KKN Kakani, KJRN Jiri, AKTO Aktyubinsk, AKTO Aktyubinsk, RAMN Ramite, TAPN Taplejujn, ODAN Odare, ZALV Zalevovo Beam, FINES Fines Array B, ARCES ARCES Array B, TORD Tord Ar, Beza.

NIED 12 13:16:00.35, 60N, 140E, h77km, Mw3.7, Best double couple: M=4.67000, 1014 NP1=164.00000, 333.00000, lambda=11.00000, NP2=291.00000, 369.00000, lambda=11.00000

ISCJBJ 12 13:16:14.8.0.6, 35.55N, 104.140E, 0.06, h85km, 5km, mb3.7/3, Error ellipse: s-maj=8.8km s-min=6.1km az=145.7

JMA 12 13:16:17.0.2, 35.62N, 140.06E, h73km, 2km, M3.5, Broadband fault plane solution: P waves. NP1: 299.00000, 868.00000, lambda=131.00000, NP2: 185.00000, 846.00000, lambda=32.00000. Principal axes: T P13.00000, Azm57.00000, N P13.00000, Azm317.00000; P P165.00000, Azm163.00000

JMA Felt J1, IDC 12 13:16:18.0.1.6, 35.42N, 139.86E, h90km, 15km, mb3.2/3, mb1 3.5/4, mb1mx3.1/42, mbtmp3.6/4, MS3.6/1, Ms1 3.6/1, ms1mx2.7/20, Error ellipse: s-maj=32.2km s-min=6.9km az=72.0

ISC 12 13:16:16.1.0.9, 35.57N, 105.140E, 0.05, h75km, 8km, n17, r101/24, mb3.5/3, 4C-4D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JCN Nagara, JCN Nagara, JOD2 Odawara 2, JOD2 Odawara 2, BSO3 Boso 3, BSO3 Boso 3, JAG Ashikaga, JAG Ashikaga, JIM2 Oshima 3, JIM2 Oshima 3, JRY Ryogami san, JRY Ryogami san, BSO1 Boso 1, BSO1 Boso 1, JYN Shimob, JYN Shimob, JIZS Iuzhimoda, JIZS Iuzhimoda, JKT Katsushina, JKT Katsushina, MJAR Matsushiro Arr, MJAR Matsushiro Arr, JHU Hachioji jima 2, JHU Hachioji jima 2, JCHJ Chichijima, JCHJ Chichijima, ASAJ Ashikaga, ASAJ Ashikaga, ILAR Eielson Array, ILAR Eielson Array, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs.

NSSC 12 13:21:56.6.4.2, 35.511N, 38.311E, h229km, 36km, ML1.9, CSEM 12 13:21:59.4, 37.00N, 37.47E, h7km, MD2.9, Suspected Mining explosion.

DDA 12 13:21:59.4, 37.00N, 37.47E, h7km, MD2.9, Suspected Mining explosion, Jordan-Syria region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HCB Kahramanmara, HCB Kahramanmara, AYKD Aydnikavak, AYKD Aydnikavak, SLMH Al Salme, SLMH Al Salme, SURC SANLIURFA_SURC, SURC SANLIURFA_SURC, SURC SANLIURFA_SURC, SURC SANLIURFA_SURC, ANDN Andirir, ANDN Andirir, ANDN Andirir, ANDN Andirir, JHLN Al Jahlan, JHLN Al Jahlan, JHLN Al Jahlan, JHLN Al Jahlan, KSRV Kasrt all, KSRV Kasrt all, KSRV Kasrt all, KSRV Kasrt all, PNB Pinarbasi, PNB Pinarbasi, PNB Pinarbasi, PNB Pinarbasi, SFNV Sufian, SFNV Sufian, SFNV Sufian.

ISCJBJ 12 13:43:57.0.8, 52.7S, 0.1, 140.1E, 0.9, h10km, mb4.1/6, MS3.9/12, Error ellipse: s-maj=17.2km s-min=12.7km az=173.5

IDC 12 13:43:56.0.9, 52.77S, 139.66E, h0km, mb4.1/6, mb1 4.3/6, mb1mx4.1/30, mbtmp4.1/6, MS3.9/12, Ms1 3.9/12, ms1mx3.8/18, Error ellipse: s-maj=67.4km s-min=18.9km az=83.0

NEIC 12 13:43:57.1, 0.6, 52.80S, 139.79E, h10km, mb4.4/2, Error ellipse: s-maj=43.8km s-min=11.5km az=83.0

ISC 12 13:43:57.1, 0.8, 52.8S, 0.1, 140.0E, 0.4, h10km, n25, o69/12, mb4.1/6, MS3.9/12, West of Macquarie Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBOO Buclelebo, BBOO Buclelebo, STKA Stephens Creek, STKA Stephens Creek, RPZ Rata Peaks, RPZ Rata Peaks, H01W1 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W2 Cape Leeuwin H, Vnda Vanda, Vnda Vanda, URZ Urewera, URZ Urewera, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, WRAB Tennant Creek, WRAB Tennant Creek, GSPA South Pole Qui, GSPA South Pole Qui, MASW Mawson, MASW Mawson, HNR Honiara, HNR Honiara, PPT Papeete, PPT Papeete, H08S2 Diego Garcia H, H08S2 Diego Garcia H, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, BOSA Boshof, BOSA Boshof, KRSR Kora Array, KRSR Kora Array, YKA Yellowknife Arr, YKA Yellowknife Arr, FINES Fines Array B, FINES Fines Array B.

JMA 12 13:58:23.0.4.0, 27.18N, 143.81E, h21km, M3.5, Error ellipse: s-maj=28.4km s-min=18.4km az=168.0

ISC 12 13:58:25.5.0.1, 27.18N, 143.80E, 0.08, h10km, n15, r100/18, mb3.5/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AB31 Akbulak array, AB31 Akbulak array, KKN Kakani, KJRN Jiri, AKTO Aktyubinsk, AKTO Aktyubinsk, RAMN Ramite, TAPN Taplejujn, ODAN Odare, ZALV Zalevovo Beam, FINES Fines Array B, ARCES ARCES Array B, TORD Tord Ar, Beza.

JMA 12 13:58:23.0.4.0, 27.18N, 143.81E, h21km, M3.5, Error ellipse: s-maj=28.4km s-min=18.4km az=168.0

ISC 12 13:58:25.5.0.1, 27.18N, 143.80E, 0.08, h10km, n15, r100/18, mb3.5/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBJJ Chichijima, CBJJ Chichijima, JCHJ Chichijima, JCHJ Chichijima, JCN Nagara, JCN Nagara, JOD2 Odawara 2, JOD2 Odawara 2, BSO3 Boso 3, BSO3 Boso 3, JHU Hanno, JHU Hanno, JRY Ryogami san, JRY Ryogami san, JHO Hitachi, JHO Hitachi, JAG Ashikaga, JAG Ashikaga.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MJAR Matsuhiro, WRA Warrungarra Arr, MKAR Matkanchi Array, etc.

ISC 12 14:07:08.7,39:75N:32:58E,h10km,MD2.3
ISCJB 12 14:07:09.5,0.7,39:71N:04:32:59E,0.05,h0km,Error
CSEM 12 14:07:09.5,0.4,39:70N:32:63E,h1km,MD2.3,Error

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LOD Lodumlu, AFSR Af-ar-Bala (A), AUMIH MIHALICKI, etc.

BUC 12 14:12:04.8,0.5,45:74N:22:93E,h4km,6km,MD2.2/3,10C,
Error ellipse: s-maj=4.2km s-min=3.2km az=91.0,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DEV Deva, GZR Gura Zlata, LOT Lotru, etc.

IDC 12 14:30:44.0,13.0,21:24S:177:25W,h349km,119km,
mb3.3/5,mb1 3.5/5,mb1mx3.3/27,mbtm4.0/5,Error
ellipse: s-maj=118.2km s-min=44.6km az=136.0,Fiji Islands region

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

IDC 12 14:32:07.3,70.0,21:08S:178:57W,h0km,mb3.9/3,
mb1 4.0/3,mb1mx3.7/25,mbtm3.9/3,Error ellipse:
s-maj=1273.0km s-min=159.6km az=84.0,Fiji Islands region

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

MOS 12 14:41:03.4,1.7,19:84S:178:87W,h443km,mb4.5/18,
Error ellipse: s-maj=16.3km s-min=13.1km az=132.2
ISCJB 12 14:41:11.0,0.2,20:87S:0.4km:178:87W:0.06,h579km,
mb4.5/51,Error ellipse: s-maj=7.0km s-min=4.6km az=25.7

NEIC 12 14:41:12.2,1.0,20:82S:178:68W,h583km,12km,
mb4.8/16,Error ellipse: s-maj=11.0km s-min=7.0km az=146.0

IDC 12 14:41:14.8,1.9,20:96S:178:68W,h615km,23km,
mb3.8/20,mb1 3.9/21,mb1mx3.8/30,mbtm4.7/21,Error
ellipse: s-maj=14.2km s-min=12.2km az=142.0

ISC 12 14:41:11.0,1.0,20:94S:0:07:178:47W,0.07,h579km,
n219,i1945/242,mb4.5/51,18C-39D,Fiji Islands region

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

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, BKZ Black Stump Fm, BHHZ Black Hill Sta, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LOHW Long Hollow, HHC Hu-ho-hao-te, HHC HHC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Panska Ves, Arges, and Gura Zlata.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Tirane and Wattenberg.

IDC 12 14:46:05.0.7, 19.485S; 169.40E, h3km, mb4.5/17, mb1 4.6/19, mb1mx3.5/34, mbtmp4.5/19, ML3.91, MS4.1/19, MS1.4/19, ms1mx3.9/34, Error ellipse: s-maj=21.8km s-min=15.5km az=131.0

NEIC 12 14:46:03.6.6.2, 19.415S; 168.40E, h14km, 38km, mb5.1/14, Error ellipse: s-maj=14.3km s-min=11.6km az=65.0

ISCJBJ 12 14:46:05.1.0.3, 19.435S; 0.05; 168.32E; 0.07, h33km, mb4.7/33, MS4.2/19, Error ellipse: s-maj=9.8km s-min=6.7km az=24.8

MOS 12 14:46:05.7.1.4, 19.515S; 168.26E, h39km, mb4.9/15, MS4.0/5, Error ellipse: s-maj=15.6km s-min=12.2km az=34.3

BJI 12 14:46:08.5.1.9, 19.435S; 168.52E, h65km, mb4.7/30, mb5.1/22, MS5.0/8, MS7.4/7.8

ISC 12 14:46:07.0.0.5, 19.385S; 0.07; 168.27E; 0.08, h35km, n87, o176/83, mb4.8/34, MS4.1/19, 5C-4D, Vanuatu Islands

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

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Asahikawa, Nanjing, Yuzh-Sakhalins, and various other locations.

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

ISCJBL 12 14:57:53.6.0.5, 38.43N; 0.03; 21.04E; 0.04, h16km, 7km, Error ellipse: s-maj=6.1km s-min=4.6km az=139.4

CSEM 12 14:57:53.4.0.2, 38.45N; 21.01E, h15km, ML1.7, Error ellipse: s-maj=4.9km s-min=3.9km az=159.0

THE 12 14:57:53.2, 38.44N; 21.04E, h18km, ML1.7/2, Error ellipse: s-maj=0.7km s-min=0.4km az=130.0

ATH 12 14:57:53.6, 38.45N; 21.04E, h17km, 3km, MD2.8/8

ISC 12 14:57:53.0.9, 38.45N; 0.02; 21.00E; 0.02, h14km, 7km, n38, o035/59, Greece

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

RSNC 12 15:23:27.6.0.9, 6.75N; 73.07W, h141km, 8km, ML2.5, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Barichara, La Rusia, Gramalote, and various other locations.

DDA 12 15:26:30.0, 40.72N; 34.89E, h7km, MD2.7

ISCJBJ 12 15:26:30.2, 0.6, 40.75N; 0.03; 34.90E; 0.04, h3km, 7km, Error ellipse: s-maj=5.1km s-min=4.4km az=161.7

CSEM 12 15:26:30.3, 0.2, 40.75N; 34.88E, h5km, MD2.7, Error ellipse: s-maj=5.3km s-min=4.2km az=91.0

ISC 12 15:26:30.4.1.1, 40.75N; 0.02; 34.89E; 0.03, h8km, 10km, n31, o054/45, Turkey

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

Table with columns: VOJS, comp=Z, 0.2m, 0.1s, 0.25 35 i Pg, Sg, 15 48 06.2 +1.0, etc.

IDC 12 16:07:39.0-13.0, 19.35S-168.62E, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.7/32, mbtmp3.8/5, ML3.2/1, Error ellipse: s-maj=214.2km s-min=59.8km az=81.0, Vanuatu Islands

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

ISCJB 12 16:11:26.5:0.5, 43.30N:0.03:46.20E:0.03, h1km, 4km, Error ellipse: s-maj=6.2km s-min=2.6km az=32.8

CSEM 12 16:11:27.3:0.2, 43.27N:46.16E, h2km, mb3.8, Error ellipse: s-maj=6.3km s-min=2.6km az=29.0

TIF 12 16:11:27.3:0.2, 43.42N:46.12E, h2km, 1km, Error ellipse: s-maj=6.8km s-min=5.5km az=133.4

MOS 12 16:11:27.3:0.2, 43.30N:46.24E, h16km, mb3.8/1, Error ellipse: s-maj=6.8km s-min=5.5km az=133.4

ISC 12 16:11:28.0:0.9, 43.22N:0.03:46.17E:0.02, h14km, gkm, n68, e091/112, 2C-3D, Eastern Caucasus

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

Table with columns: DUS, Dusheti, 1.56 224 PN Pg, 16 11 57.6 -0.4, etc.

CSEM 12 16:15:22.9:0.3, 32.90N:5.18W, h20km, MD2.8, Error ellipse: s-maj=9.0km s-min=6.5km az=110.0

CNRM 12 16:15:23.0:0.5, 33.04N:5.18W, h35km, MD2.8, MDD 12 16:15:23.7:0.5, 32.38N:5.20W, h13km, gkm, mb3.5/1, Error ellipse: s-maj=6.6km s-min=4.8km az=112.0, PFXIMC3

ISC 12 16:15:22.8:0.9, 32.92N:0.03:5.18W:0.04, h24km, 7km, n16, e101/30, Morocco

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

IDC 12 16:21:13.5:3.3, 20.14S:172.73W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.6/31, mbtmp3.9/3, Error ellipse: s-maj=292.1km s-min=62.1km az=174.0, Tonga Islands

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

IDC 12 16:24:10.3:5.3, 12.69S:167.38E, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/33, mbtmp3.5/3, Error ellipse: s-maj=264.6km s-min=32.1km az=141.0, Santa Cruz Islands

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

Table with columns: TLL, comp=E, 2um, 0.3s, 2.62 109f eP, AML, AML, 16 29 59.2, etc.

IDC 12 16:36:40.6:19.0, 0.574S:152.38E, h268km, 84km, mb2.8/3, mb1 3.1/4, mb1mx2.8/35, mbtmp3.5/4, MS2.9/1, Ms1 2.9/1, ms1mx2.7/3, Error ellipse: s-maj=257.5km s-min=38.2km az=87.0, New Britain region

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

ISCJB 12 16:41:20.3:0.6, 37.16N:0.05:44.32E:0.04, h6km, Error ellipse: s-maj=7.4km s-min=4.5km az=175.3

CSEM 12 16:41:21.3:0.3, 37.21N:44.30E, h5km, ML2.6, Error ellipse: s-maj=7.1km s-min=7.2km az=178.0

TEH 12 16:41:22.0:37.31N:44.27E, h4km, ML2.6, ISC 12 16:41:21.9:1.1, 37.27N:0.06:44.27E:0.04, h6km, n18, e099/25, Turkey-Iran border region

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

BJI 12 16:42:37.1:5.40N:124.03E, h531km, mb4.4/11, mb4.8/5, MAJ 12 16:42:39.5:6.6N:124.18E, h519km, mb5.6, ML4.6, MS4.9, ISCJB 12 16:42:39.6:0.2, 5.68N:0.03:124.04E:0.05, h550km, mb4.2/28, Error ellipse: s-maj=6.9km s-min=3.8km az=157.8

IDC 12 16:42:40.4:0.8, 5.81N:124.16E, h533km, 10km, mb3.4/16, mb1 3.6/18, mb1mx3.3/40, mbtmp4.4/18, Error ellipse: s-maj=18.0km s-min=8.5km az=66.0

NEIC 12 16:42:40.0:0.4, 5.69N:124.01E, h531km, 6km, mb4.6/4, Error ellipse: s-maj=10.7km s-min=7.4km az=58.0

DJA 12 16:42:41.3:1.0, 6.7N:112.47E, h507km, 11km, M4.7/14, mb4.6/14, mb4.9/8, MLV5.3/8, Mw(MB)4.1/8

KLM 12 16:42:41.5:2.79N:123.92E, h496km, mb4.8, MS5.5, ISC 12 16:42:41.5:0.4, 5.67N:0.05:124.02E:0.08, h550km, n84, e1873/94, mb4.2/28, 4C-4D, Mindanao

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KARAI Karang Ratu, SPMS Sidrap Patu, BTM Bintulu, etc.

MEX 12 16:43:45.9.0.3, 16:47N:98:51W, h16km, gkm, MD3.9, Near coast of Guerrero. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ISCJJB 12 16:44:59.0.2.0.6, 17:01:84S:0:08:54:8W:0.4, h10km, mb4.3/10, MS3.6/6, Error ellipse: s-maj=24.2km, s-min=11.6km az=5.2

NEIC 12 16:45:00.2.0.4, 61.79S:54:76W, h10km, mb4.6/1, Error ellipse: s-maj=18.5km s-min=10.1km az=86.0

ISC 12 16:45:00.2.0.6, 61.78S:54:76W:0.2, h10km, n29, s=190/24, mb4.3/10, MS3.6/6, South Shetland Islands

PMSA Palmer Station 5.16 230 Pn 16 46 17.0 -0.3. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EFI East Falkland, PLCA Paso Flores, etc.

ISC 12 17:10:18.3.1.5, 44:85N:0:04:15:05E:0.07, h7km, z=13km, n11, c=873/17, Northwestern Balkan Peninsula. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

GUC 12 17:21:21.7.0.6, 21:59S:68:86W, h121km, z=4km, ML3.7, 4C-3D, Chile-Bolivia border region. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

SJA 12 17:21:56.6.0.9, 31:36S:68:58W, h104km, z=6km, ML2.8, MW3.6, San Juan Province. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ISCJJB 12 17:28:53.4.0.8, 27:02N:0:07:11:37W:0.05, h10km, Error ellipse: s-maj=9.8km s-min=6.4km az=19.4

NEIC 12 17:28:55.7.1.6, 27:11N:11:45W, h10km, MD4.2(MEX), Error ellipse: s-maj=22.3km s-min=11.5km az=183.0

1202/15, Gulf of California. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SRIG Santa Rosalia, SRIG Santa Rosalia, etc.

WEL 12 17:42:41.6.0.4, 37:98S:176:39E, h164km, z=3km, ML3.9/18, 20C-9D, Error ellipse: s-maj=1.9km s-min=1.6km az=0.0, North Island. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RRRR Republican Road, RRRR Plateau Road, etc.

KRSC 12 17:43:09.1.1.3, 50:58N:157:30E, h124km, z=20km, ML4.2. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

MOS 12 17:32:10.0.0.9, 50:72N:156:91E, h135km, mb4.3/1, Error ellipse: s-maj=79.1km s-min=12.7km az=77.3

Table with columns: PPT2, TBI, TBI, HNR, RPZ, RKT, STKA, WRA, ASAR, ASAR, Vnda, MJAR, JNU, PETK, NVAR, NVAR, KSRS, USRK, TXAR, PDAR, PDAR, YKA, PLCA, SONM, GERES. Includes station names, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station names like Chichijima, Matsushiro Arr, ASAJ, WRA, ASAR, MKAR.

ISC/JB 12 19:56:43.8, 0.7, 27.20N, 143.81E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.4/52, mbtmp3.6/4, ML3.8/1, MS2.7/1, Ms1 2.7/1, ms1mx2.3/48, Error ellipse: s-maj=40.7km s-min=21.5km az=52.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station names like Chichi jima, Chichijima, JHU, JHU, JHU, JRY, JAG, MJAR, JMK, CMAR, WRA, ASAR, MKAR, ILAR, BVAR, INK, YKA, FINE, KBZ, NVAR.

ISC 12 19:57:26.3, 1.1, 27.08N, 143.82E, h0km, mb3.7/6, mb1 4.0/7, mb1mx3.6/48, mbtmp3.7/7, ML3.4/1, Error ellipse: s-maj=33.4km s-min=23.7km az=123.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station names like Matsushiro Arr, Chiang Mai Arr, WRA, MKAR, ILAR, INK, YKA, MJAR, ASAJ.

Main table with columns: WRA, MKAR, ILAR, BVAR, JMA, TAP, ISCJB, IDC, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Contains a large list of stations and their parameters.

Table with columns: WDG, WDG, TWD, TWT, TWT, TWT, TWQ, TWQ, PNG, PNG, NSY, NSY, NNS, NNS, ENA, ENA, NSTT, NSTT, NSK, NSK, ENT, ENT, TWC, TWC, TWE, TWE, TWA, TWA, NWF, NWF, JYNG, JYNG, YOJ, YOJ, KMM, KMM, HATJ, HATJ, IRIF, IRIF, JKRS, JKRS, JIJ, JIJ, JIJ, JIJ, CMAR, CMAR, SONM, SONM, MKAR, MKAR, PETK, PETK, ZALV, ZALV, WRA, WRA, ASAR, ASAR, BVAR, BVAR, ILAR, ILAR. Includes station names and various parameters.

CSEM 12 20:12:06.7, 0.2, 37.04N, 4.79W, h5km, ML1.3, Error ellipse: s-maj=4.1km s-min=3.2km az=179.0, MDD 12 20:12:07.1, 0.3, 37.02N, 4.82W, h10km, mbLg1.3/7, Error ellipse: s-maj=6.7km s-min=5.8km az=6.0, PRXIMO, Spain

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station names like Mijas, EMJ, EMJ, EMJ, EMJ, ESPR, EGUA, EGUA, EGUA, ECGO, ECGO, EADA, EADA, EADA, EADA, EBER, EBER, EBER, EBER, EQES, EQES, EQES, EQES, EMIN, EMIN, EMIN, EMIN, EHUE, EHUE, EHUE, SESP, SESP, SESP, PVAQ, PVAQ, PVAQ.

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

CSEM 12 20:13:30.8; 0.2, 37.05N; 4.82W, h10km, ML1.4, Error ellipse: s-maj=6.8km s-min=4.3km az=4.0

MDD 12 20:13:32.2; 0.8, 37.02N; 4.82W, h12km, 5km, mbLg1.4/8, Error ellipse: s-maj=5.4km s-min=4.6km az=165.0

Main table for PRXIMO, Spain. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations like MIJAS, ESPERA, SIERRA ELIVIRA, etc.

ISCJB 12 20:16:40.2; 1.0, 27.69N; 0.07; 143.5E; 0.1, h10km, mb3.6/7, Error ellipse: s-maj=15.9km s-min=6.3km az=34.5

IDC 12 20:16:41.4; 1.4, 27.56N; 143.35E, h0km, mb3.6/7, mb1.3/8/8, mb1mx3.5/59, mbmlp3.6/8, ML3.6/1, Error ellipse: s-maj=29.2km s-min=19.6km az=93.0

JMA 12 20:16:45.3; 0.1, 27.08N; 143.30E, h50km, ML3.4

ISC 12 20:16:42.7; 1.4, 27.58N; 0.1; 143.3E; 0.1, h10km, n13, az=075/15, mb3.7/7, Bonin Islands region

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

IDC 12 20:16:59.6; 1.2, 42.41N; 104.56W, h0km, mb3.4/2, mb1.3/7/5, mb1mx3.4/57, mbmlp3.5/5, ML4.2/2, MS3.3/3, Ms1.3/3/3, ms1mx2.9/31, Error ellipse: s-maj=19.6km s-min=12.8km az=163.0

ISCJB 12 20:17:06.0; 0.6, 43.58N; 0.04; 105.18W; 0.07, h0km, mb4.4/1, MS3.6/1, Error ellipse: s-maj=7.5km s-min=6.3km az=14.2

NEIC 12 20:17:07.2; 0.6, 43.58N; 105.16W, h0km, ML3.2, Error ellipse: s-maj=8.1km s-min=6.7km az=119.0, Suspected Mining explosion.

NEIC 50 km [50 miles] WSW of Newcastle. ISC 12 20:43:40N; 0.05; 105.02W; 0.06, h0km, n33, az=152/24, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like RSSD, K22A, PHWY, etc.

GUC 12 20:17:42.4; 0.6, 22.43S; 68.69W, h119km, 5km, ML3.0, 4C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like PB09, PB06, PB07, etc.

GUC 12 20:19:04.7; 0.6, 33.58S; 72.01W, h12km, 6km, ML3.1

ISC 12 20:19:05.2; 1.6, 33.62S; 0.05; 71.98W; 0.09, h16km, 16km, n17, az=114/30, 1C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like LNV, CHPI, RCDM, etc.

ISCJB 12 20:21:55.6; 0.6, 31.13N; 0.06; 47.51E; 0.05, h10km, mb3.6/12, MS3.4/1, Error ellipse: s-maj=8.4km s-min=6.1km az=8.5

IDC 12 20:21:56.0; 1.4, 31.31N; 47.62E, h0km, mb3.6/13, mb1.3/8/13, mb1mx3.6/56, mbmlp3.6/13, MS3.4/1, Ms1.3/8/13, ms1mx2.5/54, Error ellipse: s-maj=30.8km s-min=20.1km az=4.0

TEH 12 20:21:57.9; 31.18N; 47.54E, h5km, ML3.8

CSEM 12 20:21:57.0; 0.4, 31.17N; 47.57E, h10km, ML3.8, Error ellipse: s-maj=9.0km s-min=4.1km az=42.0

ISC 12 20:21:57.0; 0.8, 31.16N; 0.07; 47.54E; 0.06, h10km, n58, az=1903/55, mb3.5/12, 18C-10D, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CLCH, AUSP, AAGR, etc.

ISCJB 12 20:21:55.6; 0.6, 31.13N; 0.06; 47.51E; 0.05, h10km, mb3.6/12, MS3.4/1, Error ellipse: s-maj=8.4km s-min=6.1km az=8.5

IDC 12 20:21:56.0; 1.4, 31.31N; 47.62E, h0km, mb3.6/13, mb1.3/8/13, mb1mx3.6/56, mbmlp3.6/13, MS3.4/1, Ms1.3/8/13, ms1mx2.5/54, Error ellipse: s-maj=30.8km s-min=20.1km az=4.0

TEH 12 20:21:57.9; 31.18N; 47.54E, h5km, ML3.8

CSEM 12 20:21:57.0; 0.4, 31.17N; 47.57E, h10km, ML3.8, Error ellipse: s-maj=9.0km s-min=4.1km az=42.0

ISC 12 20:21:57.0; 0.8, 31.16N; 0.07; 47.54E; 0.06, h10km, n58, az=1903/55, mb3.5/12, 18C-10D, Iran-Iraq border region

Main table for the right side. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SHGR, IPIR, IGHH, etc.

NIED 12.21:32:00.27:10N:140.20E,h500km,Mw6.4 Best double couple: M4.16000x1018 NP1.3x314.000000, $\delta 60.00000^\circ$, $\lambda-116.00000^\circ$. NP2.3x314.000000, $\delta 60.00000^\circ$, $\lambda-74.00000^\circ$.

BJI 12.21:32:53.3,26:95N:140:07E,h520km,mb6.5/87, mb6.4/47

NEIC 12.21:32:53.9,0.1,26:97N:139:88E,h512km,mb6.2/296, Mb6.2,MW6.5,MW6.5,MW6.4, Error ellipse: s-maj=2.9km s-min=2.5km az=139.0, Moment Tensor Solution. s105 Moment tensor: Scale 101Nm; M1=2.5; M2=1.7; M3=0.34; M12:0.09; M13:2.01; M14:-5.41; Best double couple: M6.60000x1018 NP1.3x334.000000, $\delta 79.00000^\circ$, $\lambda-72.00000^\circ$. NP2.3x95.000000, $\delta 21.00000^\circ$, $\lambda-147.00000^\circ$. Principal axes: T 6.4400, P1g31.0000, Azm49.0000; N 0.2600, P1g17.0000, Azm150.0000; P -6.7000, P1g53.0000, Azm265.0000; Broadband fault plane solution: P waves. NP1.3x95.000000, $\delta 25.00000^\circ$, $\lambda-142.00000^\circ$. NP2.3x330.000000, $\delta 75.00000^\circ$, $\lambda-70.00000^\circ$. Principal axes: T P1g27.0000, Azm44.0000; N P1g0.0000, Azm0.0000; P P1g56.0000, Azm265.0000; Two events about 2 seconds apart. Depth from synthetics of broadband displacement seismograms based on first event. Energy computed from BB mechanism

NEIC Recorded [2 JMA] in the Chichijima-retto and Hahajima-retto, Recorded [1 JMA] in Chiba, Fukushima, Gumma, Ibaraki, Kanagawa, Miyagi, Saitama and Tochigi, Honshu.

JMA 12.21:32:54.5,0.3,27:08N:140:17E,h516km,4km,M6.3 JMA Felt II J1.

ISCBJ 12.21:32:54.0,0.2,26:93N:0:01:139:96E:0:01, h527km,2km,mb6.2/527, Error ellipse: s-maj=1.9km s-min=1.6km az=149.1.

IDC 12.21:32:54.8,0.5,26:94N:140:08E,h521km,4km,mb5.6/37, mb1.5/744, mb1mxy6.8/45, mbtmp6.5/44, Error ellipse: s-maj=7.4km s-min=5.2km az=84.0.

MOS 12.21:32:54.1,1.0,26:96N:139:94E,h526km,mb6.2/123, MS5.7/19, Error ellipse: s-maj=6.3km s-min=3.6km az=105.4.

NEIC 12.21:32:55.0,0.0,26:94N:140:01E,h520km, Moment Tensor Solution. s53 Moment tensor: Scale 1018Nm; M1=2.96; M2=2.87; M3=0.09; M12:1.93; M13:-1.20; M14:-4.77; Best double couple: M5.90000x1018 NP1.3x327.000000, $\delta 76.00000^\circ$, $\lambda-71.00000^\circ$. NP2.3x91.000000, $\delta 23.00000^\circ$, $\lambda-143.00000^\circ$. Principal axes: T 5.3800, P1g29.0000, Azm42.0000; N 1.1400, P1g18.0000, Azm143.0000; P -6.5200, P1g55.0000, Azm261.0000.

GCMT 12.21:32:55.2,0.1,26:94N:139:94E,h512km,MW6.5/141, Moment Tensor Solution. s141,c355; s124,c225; Duration: 4s4 Moment tensor: Scale 1018Nm; M1=3.56 \pm .03; M2=4.17 \pm .05; M3=0.61 \pm .05; M12:3.2 \pm .04; M13:-2.61 \pm .04; M14:-5.22 \pm .04; Best double couple: M6.739000x1018 NP1.3x325.000000, $\delta 74.00000^\circ$, $\lambda-63.00000^\circ$. NP2.3x84.000000, $\delta 31.00000^\circ$, $\lambda-147.00000^\circ$. Principal axes: T 7.2630, P1g24.0000, Azm35.0000; N 0.2520, P1g26.0000, Azm137.0000; P -7.5180, P1g53.0000, Azm268.0000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to mantle waves, cutoff=125s.

NEIC 12.21:33:08.0,0.0,27:05N:140:34E,h521km, Moment Tensor Solution. s76 Moment tensor: Scale 1018Nm; M1=3.21; M2=3.59; M3=0.38; M12:1.1; M13:-2.90; M14:-5.12; Best double couple: M6.710000x1018 NP1.3x329.000000, $\delta 75.00000^\circ$, $\lambda-63.00000^\circ$. NP2.3x86.000000, $\delta 31.00000^\circ$, $\lambda-149.00000^\circ$. Principal axes: T 7.1400, P1g25.0000, Azm38.0000; N -0.0300, P1g26.0000, Azm141.0000; P -7.1100, P1g53.0000, Azm271.0000.

ISC 12.21:32:54.6,0.2,26:97N:0:02:140:02E:0:02,h524km,1km, h525km,1.1P, n2434, n1948/3157, mb6.2/575, 72C-184D, Bonin Islands region

Code	Station Name	Lat	Lon	Phase ID	Time Res	ISC
		° N	° E	Op	h m s	
CBJI	Chichi jima	1.94	86	JP	21 34 00.5	-1.1
CBJI	Chichi jima	1.94	86	EP	21 34 00.9	-0.7
CBJI	Chichi jima	1.94	86	ES	21 34 00.9	-0.7
CBJI	Chichijima	1.94	86	P	21 34 00.9	-0.7
JCJ	baz=265,slow=3.4			S	21 34 50.6	-5.5
JCJ	baz=300,slow=20			ScS	21 34 50.6	-2.3
JHHJ	Haha-jima-NKT	1.96	99	JP	21 34 01.1	-0.6
JHHJ	Haha-jima-NKT	1.96	99	EP	21 34 53.3	-3.1
JHJC	Hachiojimakas	6.09	358	P	21 35 49.4	-3.6
JHJ2	Mitsune	6.13	358	P	21 34 32.3	-0.7
JHJ2	Mitsune	6.13	358	EP	21 34 32.6	-0.4
JHJ	Hachioji jima 2	6.13	358	P	21 34 32.9	-0.2
JHJ	630nm,0.3s,baz=170,slow=7.5,SNR=95			S	21 35 48.4	-5.4
JHJ	634nm,0.3s,baz=270,slow=20,SNR=5.6			ScP	21 43 05.4	-2.4
JHJ	7.4nm,0.3s,baz=254,slow=16,SNR=3.6			ScS	21 46 41.2	+0.3
JHJ	14nm,0.3s,baz=59,slow=19,SNR=5.1			ScS	21 44 46.3	+3.3
TT01	TONANKAI O.B.S	7.22	338	P	21 34 48.2	+1.6
JWZ	Kozaga	7.50	331	IP	21 34 19.7	+0.7
BSE1	Boso 1	7.71	340	P	21 34 48.2	+0.4
JIE	Ise	7.93	340	IP	21 34 52.3	+1.6
JIE	Ise	7.93	340	EP	21 36 25.2	-0.8
JMZ	Minamidaito 2	7.97	264	P	21 34 52.2	+0.9
JMZ	Minamidaito 2	7.97	264	EP	21 36 28.9	+1.9
JOD2	Odawara 2	8.31	355	P	21 34 53.4	+1.1
JTO	Tosashimizu	8.58	315	IP	21 34 59.6	+2.2
JTO	Tosashimizu	8.58	315	P	21 36 40.0	+1.8
INU	Inuyama	8.74	344	EP	21 34 59.3	+0.4
INU	Inuyama	8.74	344	EP	21 36 41.2	+0.6
INU	Inuyama	8.74	344	ScP	21 41 10.7	+0.6
JRY	Ryogami san	9.07	354	IP	21 35 01.8	-0.6
JRY	Ryogami san	9.07	354	P	21 36 42.6	-4.9
MJAR	Matsushiro Arr	9.67	351	P	21 35 07.6	-0.9
MJAR	168nm,0.3s,baz=169,slow=11,SNR=447			S	21 36 54.1	-4.7
MJAR	56nm,0.3s,baz=161,slow=16,SNR=3.9			ScP	21 43 11.3	+0.1
MJAR	5.6nm,0.3s,baz=152,slow=2.9,SNR=15			ScS	21 46 46.2	+0.2
MJAR	0.1nm,0.3s,baz=173,slow=23,SNR=5.5			ScS	21 46 46.2	+0.2
MJAR	0.2nm,0.3s,baz=241,slow=1.8,SNR=4.3			P3KPbc	22 11 10.6	
MAJO	Matsushiro	9.67	351	IP	21 35 07.5	-1.1
MAJO	Matsushiro	9.67	351	EP	21 35 07.7	-0.9
MAJO	Matsushiro	9.67	351	ScP	21 36 53.5	-5.3
MAJO	Matsushiro	9.67	351	ScS	21 43 11.4	+0.2
MAJO	Matsushiro	9.67	351	ScS	21 46 50.6	+4.6
MAT	Matsushiro	9.67	351	P	21 35 07.5	-1.1
MAT	Matsushiro	9.67	351	EP	21 36 55.2	-3.6
JAMN	Amaminishikomi	9.70	280	P	21 35 11.4	+2.4
JAMN	Amaminishikomi	9.70	280	S	21 37 01.7	+2.2
JHS	Saijiyo	9.95	325	P	21 35 13.2	+1.6
JHS	Saijiyo	9.95	325	P	21 37 05.1	+0.8
JNU	Nakatsue	10.01	310	IP	21 35 14.2	+2.0
JNU	44nm,0.3s,baz=104,slow=4.7,SNR=354			S	21 37 06.4	+0.9
JNU	baz=255,slow=22,SNR=7.8			ScP	21 43 11.7	-0.1
JNU	1.9nm,0.3s,baz=63,slow=5.7,SNR=8.6			ScS	21 46 46.3	-0.5
JNU	0.2nm,0.3s,baz=351,slow=22,SNR=6.0			P	21 35 14.9	+1.4
JSJ	Shimokoshiki	10.14	300	P	21 37 08.6	+0.8
JSJ	Shimokoshiki	10.14	300	EP	21 35 19.2	+2.0
JOW	Kunigami	10.48	272	P	21 35 19.2	+2.0
JOW	615nm,0.3s,baz=106,slow=12,SNR=1145			S	21 37 15.1	+0.5
JOW	baz=137,slow=19,SNR=9.5			ScP	21 43 14.0	+1.5
JOW	3.0nm,0.3s,baz=93,slow=0.4,SNR=19			ScS	21 46 48.0	+0.3

JOW	1.2nm,0.3s,baz=73,slow=20,SNR=7.0			P	21 35 19.1	+1.9
JOW	Kunigami	10.48	272	JP	21 37 15.3	+0.8
JOW	Kunigami	10.48	272	EP	21 35 19.2	+2.0
JOW	Kunigami	10.48	272	EP	21 37 12.2	+2.3
JOW	Kunigami	10.48	272	ScP	21 43 14.0	+1.5
JOW	Kunigami	10.48	272	ScS	21 46 48.0	+0.3
JOI	OKI	10.94	330	P	21 35 22.3	+0.6
JOI	OKI	10.94	330	P	21 37 21.7	-1.2
SARN	Sarigan	11.53	151	EP	21 35 28.5	+0.2
SARN	Sarigan	11.53	151	EP	21 37 30.9	-4.0
ANA2	Anatahan	11.82	152	EP	21 35 31.7	+0.4
ANA2	Anatahan	11.82	152	EP	21 37 28.6	-1.2
JTU	Tsushima	11.83	312	P	21 35 32.0	+0.8
JTU	Tsushima	11.83	312	EP	21 37 40.3	+0.1
JKE	Kume jima 2	11.85	270	EP	21 35 32.5	+1.0
JKE	Kume jima 2	11.85	270	EP	21 37 41.5	+0.7
JMK	Ichinoseki	11.99	5	P	21 35 33.4	+0.6
JMK	Ichinoseki	11.99	5	P	21 37 43.7	+0.6
JOGS	Gusukube	13.34	264	P	21 35 48.9	+1.7
JOGS	Gusukube	13.34	264	P	21 38 11.4	+2.2
GUMO	Guam	14.06	160	EP	21 35 54.9	+0.1
GUMO	396nm,0.3s,baz=182,slow=2.9,SNR=92			S	21 38 23.5	+0.1
GUMO	30nm,0.3s,baz=331,slow=19,SNR=6.0			ScS	21 46 51.7	-4.2
GUMO	5.1nm,0.3s,baz=34,slow=22,SNR=7.0			ScS	21 46 51.7	-4.2
GUMO	Guam	14.06	160	EP	21 35 55.4	+0.7
GUMO	Guam	14.06	160	EP	21 38 17.1	-6.2
GUMO	Guam	14.06	160	EP	21 38 23.5	+0.1
GUMO	Guam	14.06	160	EP	21 46 51.7	-4.2
GUMO	Guam	14.06	160	EP	21 46 51.7	-4.2
JOT	Ohata	14.40	3	P	21 35 58.0	0.0
KSRs	Korea Array	14.62	319	P	21 35 59.6	-0.6
KSRs	7.8nm,0.3s,baz=132,slow=9.7,SNR=95			S	21 38 36.6	+3.2
KSRs	baz=142,slow=12,SNR=3.5			PcP	21 40 35.5	+1.2
KSRs	4.2nm,0.3s,baz=165,slow=1.4,SNR=9.6			ScP	21 43 19.3	+0.6
KSRs	3.7nm,0.3s,baz=180,slow=1.1,SNR=22			ScS	21 46 57.4	+0.8
KSRs	baz=175,slow=6.2,SNR=5.8			ScS	21 48 29.4	-0.1
KSRs	0.3nm,0.3s,baz=114,slow=1.1,SNR=5.5			PKIKP	21 48 29.4	-0.1
KS15	Wonju Array Si	14.63	319	EP	21 35 59.9	-0.5
KS15	Wonju Array Si	14.63	319	EP	21 38 36.6	+2.9
KS15	Wonju Array Si	14.63	319	EP	21 40 35.5	+1.1
KS15	Wonju Array Si	14.63	319	EP	21 43 19.3	+0.6
KS15	Wonju Array Si	14.63	319	EP	21 46 57.4	+0.7
KS15	Wonju Array Si	14.63	319	EP	21 46 57.4	+0.7
KS15	Wonju Array Si	14.63	319	EP	21 35 59.6	-0.7
KS15	Wonju Array Si	14.63	319	EP	21 36 00.2	-0.4
KS01	Kayabe	14.91	3	P	21 38 33.0	-1.0
JKB	Kayabe	14.91	3	P	21 38 03.1	-0.1
JKB	Kayabe	14.91	3	P	21 38 59.1	+0.3
JOSM	Okushiri-Mats	15.09	358	P	21 38 05.1	0.0
JOSM	Okushiri-Mats	15.09	358	P	21 38 43.2	+1.1
ERM	Erimo	15.23	9	EP	21 36 07.3	+0.7
ERM	Erimo	15.23	9	EP	21 38 45.9	+1.1
ERM	Erimo	15.23	9	EP	21 36 07.7	+1.1
ERM	Erimo	15.23	9	EP	21 36 07.3	+0.7
ERM	Erimo	15.23	9	EP	21 38 45.9	+1.1
ERM	Erimo	15.23	9	EP	21 43 22.0	+2.3
INCN	Inchon	15.42	316	P	21 36 07.3	-1.3
INCN	Inchon	15.42	316	P	21 36 07.3	-1.3
INCN	Inchon	15.42	316	P	21 36 07.3	-1.3
INCN	Inchon	15.42	316	P	21 36 07.3	-1.3
INCN	Inchon	15.42	316	P	21 36 07.3	

Table with columns: CHTO, Chiang Mai, SNR, 38.56, 267, P, P, 21 39 33.5 +1.1, etc. Lists various stations and their parameters.

Table with columns: WMQ, JMBI, TIXI, etc. Lists various stations and their parameters.

Table with columns: ZAAO, ZAAO, ZAAO, ZALV, ZALV, ZALV, etc. Lists various stations and their parameters.

12d 21h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like TPC Twentynine Pal, HLSS Blasio, HWQ Hawqa, etc.

2011 JAN

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PKCU Pink Cliffs, OJC Ojcow, OJC Ojcow, etc.

618

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like OKC Ojcow, G25A Newell, TKR Tekirdag, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like SISC Sisak, K3OA Basset, BLY Banja Luka, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like HCY Herczeg Novi, E36A McGregor, MAKR Makrakomi, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like VAM Vamos, VAM Vamos, FETA Feichten, etc.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like Q32A Meitler Ranch, MATE Matera, 138A Scanlan Farm, etc.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like JFW5 Jewell Farm, U33A Lingo Farm, Z30A Sanderson Ranch, etc.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like Q40A Laux Farm, Y34A Reagan Ranch, U37A Saline, etc.

12d 21h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like 438A Sam Houston St, KMBO Kilima Mbogo, etc.

2011 JAN

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like LBTB comp=2.7,5nm,0.7s, etc.

622

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PTGA comp=2.549nm,0.8s, etc.

ISK 12:21:40:35.9, 37:24N-28:53E, h9km, MD2.8
ISCJB 12:21:40:36.0, 37:27N-28:04:04:28:54E:0.06, h14km, Error ellipse: s-maj=6.9km s-min=5.5km az=161.5

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like YER Yerkesik, YER Yerkesik, etc.

IDC 12:21:41:08.1, 0.6, 46:22N:154:56E, h0km, mb4.7/28. mb1 4.8/31, mb1mx4.6/70, mbtmp4.7/31, ML4.0/3, MS5.2/6, Ms1 5.3/6, ms1mx4.3/62, Error ellipse: s-maj=16.8km s-min=13.1km az=151.0

Table with columns: GOF, BRVK, Borovoye, 18.75, 50, iP, eSg, Sg, 22 36 05.2 +2.8, 22 38 47.1 -0.6

ISCJB 12:22:39.23.0.0.4, 23.74N.0.02.122.16E.0.02, h21km, 3km, Error ellipse: s-maj=3.7km s-min=2.2km az=155.8

JMA 12:22:39.23.4.0.1, 23.75N.122.08E, h30km, 5km, M2.6 TAP 12:22:39.23.6.0.7, 23.78N.122.10E, h19km, 1km, ML3.5, D

ISC 12:22:39.23.3.1.1, 23.75N.0.03.122.12E.0.02, h27km, 11km, n53, a055/91, 8C-1D, Taiwan region

Main table of station data with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: EAST, CHNH, JKRS, JKRS, SCZT, Fanglei, baz=223, JIJ, Ishigaki jima, JIJ, JISG, Ishigakijimahi, JISG, Tarama, 1.79 221 eP, 1.79 257 eS, 1.80 74 P, 1.94 225 eP, 1.95 71 P, 2.17 67 P, 2.52 69 P

CSEM 12:22:49:55.3, 35.56N.21.03E, h27km, MD3.6 ATH 12:22:49:55.3, 35.56N.21.02E, h28km, 7km, MD3.6/17, Central Mediterranean Sea

Main table of station data for the Mediterranean region with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC

ISC 12:22:54:05.0.1.0, 13.95N.121.40E, h0km, mb3.8/9, mb1 4.0/9, mb1mx3.754, mbtmp3.8/9, Error ellipse: s-maj=48.4km s-min=18.5km az=61.0

ISCJB 12:22:54:22.1.0.4, 13.70N.0.05.120.81E.0.07, h152km, mb3.6/9, Error ellipse: s-maj=9.8km s-min=6.5km az=153.2

MAN 12:22:54:24, 13.65N.120.76E, h130km, mb4.2, ML3.0, ISC 12:22:54:23.1.0.7, 13.65N.0.06.120.82E.0.08, h152km, n29, a121/33, mb3.6/9, 3C-1D, Mindoro

Main table of station data for Mindoro and other stations with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: TUE, Stuetta, 0.16 248 Pg, Pg, 22 58 20.2 +0.4, 22 58 22.5 +0.6

ISC 12:22:58:56.3.0.9, 35.43N.88.26E, h0km, mb3.7/7, mb1 3.8/12, mb1mx3.5/58, mbtmp3.6/12, ML3.4/4, Error ellipse: s-maj=31.4km s-min=16.7km az=40.0

ISCJB 12:22:58:58.6.0.7, 35.7N.0.1.88.6E.0.2, h35km, mb3.5/7, Error ellipse: s-maj=25.4km s-min=11.4km az=145.4

ISC 12:22:59:00.4.1.0, 35.77N.0.2.88.5E.0.2, h35km, n12, a156/11, mb3.6/7, Xizang

Main table of station data for Xizang region with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC

ISC 12:23:12:08.9.1.4, 4.53S.101.49E, h0km, mb3.9/10, mb1 4.0/10, mb1mx3.8/48, mbtmp3.9/10, Error ellipse: s-maj=55.8km s-min=17.7km az=54.0

ISCJB 12:23:12:12.3.0.6, 4.70S.0.08.101.50E.0.06, h37km, mb4.0/10, Error ellipse: s-maj=12.6km s-min=5.6km az=33.2

DJA 12:23:12:12.9.0.5, 5.5S.101.2E, h10km, M4.6/13, mB5.3/1, mb4.8/4, MLV4.5/13, Mw(mb)3.7/1

ISC 12:23:12:14.8.0.8, 4.65S.0.1.101.62E.0.08, h37km, n40, a150/30, mb4.0/10, Southern Sumatra

Main table of station data for Southern Sumatra region with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC

13d 0h

CSEM 13 00:26:13.9.0.3, 50.01N, 18.50E, h2km, ML2.8/1.0
IPEC 13 00:26:14.4.0.2, 50.01N, 18.58E, h3km, 2km, ML2.1/3,
Error ellipse: s-maj=2.2km s-min=1.1km az=161.0
VIE 13 00:26:14.3.0.7, 49.71N, 18.65E, h0km, mb2.1/3, ml2.6/3,
Error ellipse: s-maj=3.8km s-min=2.8km az=95.0,
Suspected Mining induced.

ISC 13 00:26:13.8.0.8, 50.04N, 0.04E, 18.58E, 0.02, h0km, n30,
0.682/60, 1D, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Rac Racibora, OKC Ostrava-Krasne, etc.

ISC 13 00:30:09.6.1.0, 11.53N, 127.38E, h0km, mb3.9/7,
mb1.4/0.7, mb1mx3.7/44, mbtmp3.9/7, Error ellipse:
s-maj=54.4km s-min=20.4km az=75.0

ISCJBJ 13 00:30:15.6.0.2, 35.20N, 36.84E, h2km, ML3.3, Error
ellipse: s-maj=5.2km s-min=3.1km az=109.0

ISC 13 00:30:17.6.1.1, 11.05N, 0.09E, 126.1E, 0.1, h49km, n9,
0.1509/10, mb4.1/7, 1C, Philippine Islands region

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

DDA 13 00:31:14.7.35, 18N, 36.90E, h12km, Md3.6
ISK 13 00:31:14.9.35, 17N, 36.81E, h1km, ML3.6

GII 13 00:31:14.7.0.0, 35.38N, 36.53E, h1km, MD3.0/2
CSEM 13 00:31:15.6.0.2, 35.20N, 36.84E, h2km, ML3.3, Error
ellipse: s-maj=5.2km s-min=3.1km az=109.0

NSSC 13 00:31:15.0.1.3, 35.18N, 36.78E, h4km, 5km, MD1.4, ML3.2
ISCJBJ 13 00:31:16.0.0.6, 35.19N, 0.01E, 36.85E, 0.03, h14km, 4km,
Error ellipse: s-maj=3.6km s-min=2.2km az=167.5

GRAL 13 00:31:16.8.0.7, 35.16N, 36.76E, h0km, 6km, MD3.5
NIC 13 00:31:23.0.0.1, 35.33N, 36.47E, h25km, mb4.0, ML3.6

ISC 13 00:31:15.1.0.7, 35.18N, 0.02E, 36.80E, 0.02, h7km, 5km,
n128, 0.1930/163, 11C-3D, Jordan-Syria region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KFRA Kufra, BIDA Albidia, etc.

2011 JAN

Main table with columns: HWQ, MARH, TAHT, SLMH, etc. Includes stations like Hawqa, Ras Al Marh, Tahtakopru-Hat, etc.

628

Table with columns: MZRK, SARI, SZAC, etc. Includes stations like Al-Mazaregh, SarD1z-Kayseri, etc.

IDC 13 00:37:31.9.0.5, 35.14S, 105.70W, h0km, mb4.4/14,
mb1.4/5.14, mb1mx4.4/24, mbtmp4.4/14, MS3.9/6,
Ms1.3/9.6, ms1mx3.6/25, Error ellipse: s-maj=18.8km
s-min=17.2km az=176.0

ISCJBJ 13 00:37:32.0.4.0.3, 35.22S, 0.07E, 105.6W, 0.1, h10km,
mb4.7/37, MS3.9/6, Error ellipse: s-maj=13.0km
s-min=9.6km az=157.9

NEIC 13 00:37:33.2.0.3, 35.28S, 105.66W, h10km, mb4.8/24,
Error ellipse: s-maj=13.0km s-min=11.7km az=66.0

ISC 13 00:37:33.4.0.5, 35.15S, 0.1E, 105.7W, 0.1, h10km, n82,
0.1936/87, mb4.8/34, MS3.9/6, 1C-1D, Southern East
Pacific Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLCA Paso Flores, LVC Limon Verde, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like DRN, DNB, DNR, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like KDMR Kurdemir, DIGO Kars, DIGO Kars, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like ABKAR, OBN Obninsk, OBN Obninsk, etc.

NEIC 13 03:34:49.1, 17.46N-94.54W, h162km, MD4.1(MEX), After MEX.

MEX 13 03:34:49.1-0.5, 17.46N-94.54W, h162km, 14km, MD4.1, Chiapas

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

IDC 13 04:07:21.7-0.6, 55.96S-27.80W, h0km, mb4.6/9, mb1 4.6/9, mb1mx4.2/22, mbtmp4.5/9, Error ellipse:

s-maj=24.0km s-min=18.1km az=51.0, ISC/JB 13 04:07:22.0-0.6, 55.9S:0.1x27.7W:0.2, h10km, mb4.6/11,

Error ellipse: s-maj=19.1km s-min=15.4km az=150.4, ISC 13 03:47:23.2-0.7, 53.0S:0.2x27.7W:0.2, h10km, n25,

1137/20, mb4.8/10, South Sandwich Islands Region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Neumayer Olymp, Neumayer-Watz, Villa Florida, etc.

MEX 13 03:50:03.0-0.9, 14.60N-93.26W, h24km, 43km, MD3.7, Near coast of Chiapas

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

NEIC 13 03:54:35.0, 36.80N-121.54W, h7km, MW3.7(BRK), After NCEDC, Central California

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

IDC 13 04:00:33.4-1.6, 36.67N-121.88W, h0km, mb1 3.7/6, mb1mx3.5/63, mbtmp3.3/6, ML3.5/5, Error ellipse:

s-maj=17.8km s-min=12.9km az=60.0, NEIC 13 04:00:35.9, 36.80N-121.54W, h7km, MW3.9(BRK), After NCEDC.

NEIC Felt [III] at Aptos, Aromas, Carmel, Castroville, Gilroy, Hollister, Marina, Monterey, Morgan Hill, Pacific Grove, Salinas, San Jose, San Juan Bautista, San Martin, Seaside and Watsonville. Felt widely in the Monterey Bay

and San Francisco Bay areas from San Rafael to Big Sur. ISC 13 04:00:34.2-1.6, 36.68N-104.121.78W, h0.04, h5km, 11km, n71, c176/87, Central California

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like San Andreas Ge, San Andreas, Marconi Confer, etc.

ellipse: s-maj=34.3km s-min=18.3km az=35.0, NEIC 13 04:02:32.6, 55.20N-150.67W, h4km, ML3.6(AEIC), After AEIC.

ISC 13 04:02:30.6-0.9, 55.45N-150.51W, h0.05, h10km, n79, c172/73, mb3.5/6, Gulf of Alaska

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Sitkinak Islan, Old Harbor, Kodiak Island, etc.

IDC 13 04:06:47.9-2.2, 35.42S-72.42W, h0km, mb3.8/3, mb1 3.8/5, mb1mx3.6/33, mbtmp3.7/5, ML3.7/2, Error ellipse:

s-maj=79.7km s-min=29.1km az=111.0, SJA 13 04:06:58.0, 36.0S:71.56W, h248km, 50km, ML4.0, MW3.2

ISC/JB 13 04:07:02.0-0.5, 36.12S:71.42W:0.07, h105km, 7km, mb3.7/3, Error ellipse: s-maj=10.1km s-min=5.1km

az=24.8, GUC 13 04:07:03.0, 36.13S:71.50W, h109km, 4km, ML4.1, NEIC 13 04:07:03.0, 36.13S:71.50W, h109km, MG4.1(GUC), After GUC.

NEIC Felt [IV] at Retiro, [III] at Parral, Encabue and San Javier; [II] at Caquenas, Linares, Panguel, Puyehue, San Juan, etc.

ISC 13 04:07:02.0-0.8, 36.07S-70.05S:71.53W:0.06, h103km, 8km, n25, c167/35, mb3.9/3, Central Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Chillan, Cobquecura, Los Niches, etc.

ASAL Salagasta 4.12 33 eP Pn 04 08 05.0 +1.2

Table with columns: ARMA, Armadale, 19.78 231 eP, P, 06 04 54.0 +1.0, etc. Lists various stations and their frequencies.

Table with columns: SWI, Sorong, 41.54 291 P, P, 06 08 04.5 0.0, etc. Lists various stations and their frequencies.

Table with columns: XAN, Xi'an, 78.08 312 P, P, 06 12 12.9 +0.6, etc. Lists various stations and their frequencies.

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Time, Residual, and other parameters. Includes stations like VRH, GNI, ONI, KMB, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Time, Residual, and other parameters. Includes stations like Kasperse Hory, WTSB, LIT, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Time, Residual, and other parameters. Includes stations like KIC, DBIC, TIC, TOR, etc.

ISCJB 13 06:19:00.5, 0.6, 26:86N, 0.10:143.98E, 0.07, h10km, mb3.8/12, Error ellipse: s-maj=14.5km s-min=8.6km az=9.5

IDC 13 06:19:00.6, 0.8, 26:86N, 144.06E, h0km, mb3.8/10, mb1.4/0.1, mb1mx3.8/5.0, mbtmp3.8/11, ML3.8/1, Error ellipse: s-maj=28.4km s-min=19.8km az=72.0

NEIC 13 06:19:01.9, 0.0, 26:90N, 144.05E, h10km, mb4.0/2, Error ellipse: s-maj=16.6km s-min=11.6km az=89.0

ISC 13 06:19:01.9, 0.8, 26:93N, 143.94E, 0.08, h10km, n19, r1519/22, mb3.9/12, Bonin Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
CBJJ	Chichi jima	1.58	278	Op	Pn	06 19 30.9	+0.9
CBJJ				Op	Pn	06 19 49.8	-0.6
CBJJ				Op	Pn	06 19 50.6	-0.6
CBJJ				Op	Pn	06 19 49.8	-0.6
JCJ	Chichijima	1.58	278	Op	Pn	06 21 34.9	-1.6
MJAR	Matsushiro Arr	10.79	335	Pn		06 26 03.8	+1.1
SONM	Songino Array	35.95	316	P		06 27 37.6	+0.6
WRAB	Tennant Creek	47.46	192	eP		06 27 38.2	+0.2
WRA	Warramunga Arr	47.47	192	P		06 28 05.0	+0.6
ZALV	Zalesovo Beam	50.67	319	P		06 28 11.3	+1.3
ASAR	Alice Springs	51.18	192	P		06 28 29.2	+0.9
MKAR	Makanchi Array	51.81	310	P		06 29 04.5	+1.1
KURK	Kurchatov Arr	54.25	315	P		06 29 25.6	-0.1
KURBB	Kurchatov Arr	54.30	315	P		06 29 51.5	+0.6
BVAR	Borovoye Array	59.26	318	P		06 31 09.3	+1.6
INK	Inuvik	62.58	25	P		06 31 09.5	+0.7
ABKAR	Abkulaik Arr	66.36	315	eP		06 31 48.6	-1.3
KBZ	Khabaz	79.29	314	P		06 39 28.0	-2.2
NVAR	Mina Array Bea	79.42	52	P			
KONO	Kongsberg	85.96	339	P			
LPAZ	La Paz	148.46	17	PKPbc			
TRIS	Tristan da Cun	157.49	27	PKPpdf			
TRIS				PKPab			

IDC 13 06:22:07.2, 2.3, 54:26N, 86.07E, h0km, mb1.3/1.2, mb1mx3.0/4.7, mbtmp3.1/2, ML2.8/2, Error ellipse: s-maj=17.8km s-min=11.0km az=53.0, Southwestern Siberia

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
I46RU	ZALESOVO INFRA	0.80	248	Op	Pg	06 22 17.0	-1.2
ZALV	Zalesovo Beam	50.67	319	Pg		06 22 34.2	
ZALV				Pg		06 23 37.9	+1.9
KURBB	Kurchatov Arr	54.25	315	Pn		06 25 15.9	
KURBB				Pn		06 24 03.3	+0.2
MKAR	Makanchi Array	51.81	310	Pg			
MKAR				Pg			

RSNC 13 06:28:40.8, 1.0, 6:56N, 73:57W, h105km, gkm, ML2.4, Northern Colombia

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
BARC	Barichara	0.40	78	eP		06 28 59.5	-0.7
BARC				eS		06 29 08.7	-0.1
BARC				eS		06 29 09.9	
RUSC	La Rusia	0.80	142	eP		06 29 15.5	+0.3
RUSC				eS		06 29 16.5	
GRMC	Gramalote, San	1.52	30	eP		06 29 07.7	-0.1
GRMC				eP		06 29 30.7	
NORC	Norcasia	1.62	234	eP		06 29 08.1	-0.8
NORC				eS		06 29 08.2	
YOPC	Yopal, Colombi	1.66	136	eP		06 29 08.5	-1.0
YOPC				eS		06 29 30.7	-0.6
YOPC				i		06 29 32.5	
OCAC	Ocana	1.69	9	eP		06 29 08.8	-1.1
OCAC				eP		06 29 39.4	
ROSC	El Rosal	1.85	204	eP		06 29 12.9	+0.6
ROSC				eP		06 29 41.2	
CHIC	Chingaza	1.92	185	eP		06 29 12.4	-0.8
CHIC				eP		06 29 39.9	
HELH	Santa Helena	1.99	261	eP		06 29 14.0	+0.1
HELH				eS		06 29 32.0	-1.1
HELH				i		06 29 46.7	
DBBC	Dabeiba	2.66	280	eP		06 29 21.5	-0.7
SJAC	San Juan de Ar	3.29	187	eP		06 29 31.1	+0.4

RSNC 13 07:00:37.6, 1.1, 4:61N, 75:96W, h12km, 7km, ML3.1, 2C, Colombia

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
TOLC	Tolima	0.62	92	iP	Pg	07 00 49.7	-0.4
TOLC				Sg		07 01 12.5	-1.5
GUYC	Guayana, Colomb	0.83	43	eS	Pg	07 00 58.1	-0.5
GUYC				eS	Pg	07 01 04.5	-1.1
GUYC				i		07 01 05.4	
NORC	Norcasia	1.45	47	iP	Pn	07 01 01.9	-1.8
HELH	Santa Helena	1.67	147	iP	Pn	07 01 25.8	-2.9
HELH				eS	Pn	07 01 29.0	
BETC	Betania	1.98	165	eP	Pn	07 01 09.4	-1.8
POPC	Popayan, Colom	2.18	199	eS	Pn	07 01 40.3	-0.7
POPC				i		07 01 44.6	
CHIC	Chingaza	2.22	89	eP	Pn	07 01 14.2	-0.6
CHIC				i		07 01 17.7	
SOLC	Bahia Solano	2.30	320	eP	Pn	07 01 12.7	-2.6
VILC	Villavicencio,	2.32	102	eP	Pn	07 01 15.8	-0.0
VILC				i		07 01 50.7	
SJAC	San Juan de Ar	2.40	123	eP	Pn	07 01 16.5	-0.4
SJAC				i		07 01 50.4	

ISCJB 13 07:03:12.1, 0.5, 9:68S, 0.06:119.32E, 0.05, h0km, mb4.1/4, MS4.2/1, Error ellipse: s-maj=9.1km s-min=5.7km az=34

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
WSI	Waingapu	0.91	88	Op	Pn	07 03 30.9	+1.3
BASI	Baing, Sumba	1.29	114	Pn		07 03 36.0	+1.3
EDFI	Ende, Flores	2.47	68	Pn		07 03 50.9	-0.1
TWSI	Taliwang, Sumb	2.64	291	Pn		07 03 53.5	+0.3

KLNI Mataram 3.48 291 P Pn 07 04 05.9 +1.2

BKSI Bulukumba 4.41 10 P Pn 07 04 18.5 +1.0

RTBI Rangko, Negare 4.55 285 P Pn 07 04 21.0 +1.6

KAPI Kappang 4.67 5 P S Pn 07 04 22.3 +1.2

KAPI 15nm, 0.3s, baz=206, slow=5.9, SNR=38 S S Pn 07 05 11.0 -3.0

KAPI 15nm, 0.3s, baz=155, slow=22, SNR=7.3 LR 07 06 18.2

comp=Z, 122nm, 19.2s, baz=151, slow=41 Kappang 4.67 5 S S Pn 07 04 21.9 +0.8

KAPI SOEI Jaja 4.82 91 P Pn 07 04 26.3 +3.0

JAGI Jajag, Banyuwa 5.30 283 P Pn 07 04 29.6 -0.1

SPSI Sidrap Palu 5.71 4 P Pn 07 04 34.7 -0.7

TTSI Tana Toraja 6.63 4 P Pn 07 04 52.1 +4.2

MMSI Mamuju 6.98 356 P Pn 07 04 53.9 +1.1

FITZ Fitzroy Crossi 10.35 145 P Pn 07 05 39.1 +0.5

FITZ 1.2nm, 0.3s, baz=333, slow=8.5, SNR=16 S S Pn 07 07 28.9 -4.1

FITZ 1.3nm, 0.3s, baz=166, slow=16, SNR=6.0 LR 07 09 57.9

SIJI Sorong 14.73 54 P Pn 07 06 40.7 +2.2

WRA Warramunga Arr 17.68 127 P Pn 07 07 14.6 -1.2

ASAR Alice Springs 19.63 137 P Pn 07 07 39.9 +4.0

ASAR 1.1nm, 0.3s, baz=314, slow=10, SNR=40 S S 07 11 53.3 -1.4

ASAR 0.1nm, 0.3s, baz=316, slow=25, SNR=42 LR 07 14 53.8

comp=Z, 53nm, 18.4s, baz=256, slow=36 H08S2 Diego Garcia H 46.36 269 T T 08 00 49.8

baz=95, slow=76, SNR=33 H08S3 Diego Garcia H 46.36 269 T T 08 00 47.2

H08S1 Diego Garcia H 46.37 269 T T 08 00 51.0

baz=95, slow=76, SNR=16 USRK Ussuriysk Arr 54.85 11 P Pn 07 12 37.2 -1.0

0.9nm, 0.5s, baz=210, slow=7, SNR=5.2 SONM Songino Array 58.43 350 P Pn 07 13 03.9 +0.2

1.1nm, 0.7s, baz=172, slow=8.1, SNR=7.6 MKAR Makanchi Array 59.26 339 P Pn 07 13 49.7 +0.2

0.5nm, 0.5s, baz=148, slow=14, SNR=8.2 ZALV Zalesovo Beam 59.26 339 P Pn 07 14 17.3 -0.8

0.8nm, 0.3s, baz=140, slow=5.5, SNR=4.1 OBN Obninsk 93.79 325 LR 08 03 17.7

comp=Z, 83nm, 18.2s, baz=270, slow=38 TORI Torodi Arr, Bea 118.94 293 PKP 0.5nm, 0.5s, baz=41, slow=17, SNR=9.3 PKPpdf 07 21 58.9 +1.8

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
GCMT	13 07:41:44.0, 0.5, 22:20S, 172:96E, h15km, MW4.9/65, Moment Tensor Solution, s23, c30; s65, c82; Duration: 0.17m; Moment tensor: Scale 10 ¹⁹ Nm; Mr-0.94; L3; Mw=2.1; Mb=1.23; L2; Mw=1.06; Mr=3.9; Mw=1.68; Mb=0.8; Best double couple: Mw2.73300x10 ¹⁶ Nf=1.8; s23=0.0000; s37=0.0000; L3=0.0000; NP2: φ=25.0000; δ=59.0000; λ=165.0000; Principal axes: T 3.0270, P1g12.0000, Azm340.0000; N -0.5860; Plg56.0000; Azm88.0000; P -2.4380, Plg31.0000, Azm242.0000; n1a1 refers to surface waves, cutoff=40s. n2a2 refers to surface waves, cutoff=50s.						
IDC	13 07:41:47.1, 1.0, 9.22:49S, 172:81E, h0km, mb4.2/10, mb1.4/3.0, mb1mx4.2/34, mbtmp4.2/10, MS4.0/17, Ms1.4/0.17, ms1mx3.8/33, Error ellipse: s-maj=29.9km s-min=20.8km az=134.0						
NEIC	13 07:41:49.2, 0.6, 22:39S, 172:71E, h10km, Error ellipse: s-maj=18.2km s-min=14.6km az=94.0						
ISCJB	13 07:42:01.8, 0.6, 22:45S, 0.1:172:75E, h10km, mb4.3/12, MS4.0/15, Error ellipse: s-maj=18.3km s-min=14.6km az=178.2						
ISC	13 07:41:52.1, 0.7, 22:55S, 0.1:172:8E, 0.2, h32km, n50, 0:162/30, mb4.2/12, MS4.1/15, 4C-ID, Southeast of Loyalty Islands						
URZ	Urewera	16.11	168	Op	Pn	07 54 38.8	-0.4
URZ				Op	Pn	07 50 26.6	
URZ				Op	Pn	07 50 45.9	
AFZ	Afafeka	16.95	62	LR		07 54 21.7	
RFZ	Rafaka	22.93	20	Sg		07 54 21.7	
PMG	Port Moresby	27.84	294	P		07 47 43.1	+4.3
STKA	Stanhope Creek	29.20	245	P		07 47 51.8	+0.9
STKA				P		07 58 44.3	
TBI	Tubau	34.69	99	eLQ		07 56 13.3	
TBI				eLQ		07 57 36.7	
PPT2	264nm, 27.5s	35.60	89	eLQ		07 56 30.6	
PPT2				eLQ		07 58 04.2	
APT	Papeete	35.61	89	LR		07 00 46.2	
ASAR	Alice Springs	51.81	310	P		07 48 47.8	-0.8
ASAR				P		08 03 09.6	
WRA	Warramunga Arr	35.89	267	P		07 48 47.5	-2.0
WRA				P		08 03 39.4	
H11S2	WAKE ISLAND Hy 41.20 351 T T 08 32 59.5						
H11S3	WAKE ISLAND Hy 41.20 351 T T 08 33 00.9						
H11S1	WAKE ISLAND Hy 41.22 351 T T 08 33 00.9						
H11N1	WAKE ISLAND Hy 42.38 352 T T 08 34 26.9						
H11N2	WAKE ISLAND Hy 42.38 352 T T 08 34 30.8						
H11N3	WAKE ISLAND Hy 42.38 352 T T 08 34 30.9						
FITZ	Fitzroy Crossi	44.32	267	P		07 49 58.9	-0.5
GUMO	Guam	45.14	320	LR		08 06 47.3	
RKT	Rikitea	47.91	101	eLQ		08 01 29.8	
RKT				eLQ		08 03 43.0	
VNDA	Vanda	55.30	183	LR		08 11 20.6	
MJAR	Matsushiro Arr	67.22	330	LR		08 19 38.9	
GSPA	South Pole Qui	67.55	180	P		07 52 45.2	+0.1
KSRS	Korea Array	73.10	324	P		07 53 19.1	-0.1
KSAR	Wonju Array Be	73.11	324	P		07 53 19.1	-0.2
USRK	Ussuri						

TIXI	Tiksi	44.98 354 <i>e</i> P	P	09 44 35.5 +0.6
TIXI	comp=Z,7.0nm,2.5s		pmax	
KULM	Kulim	46.07 249 <i>e</i> P	P	09 44 44.8 +0.5
WMQ	Urumqi	47.13 305 P	P	09 44 53.3 +0.9
WRAB	Tennant Creek	47.86 191 <i>e</i> P	P	09 44 56.7 -1.4
WRAB	comp=Z,37nm,0.8s		pmax	
WRAB	Tennant Creek	47.86 191 <i>e</i> P	P	09 44 56.8 -1.3
WRA	Warramunga Arr	47.87 191 P	P	09 44 56.5 -1.7
WRA	comp=Z,18nm,0.8s,baz=12,slo=3.6,SNR=69			
WRA	Warramunga Arr	47.87 191 <i>e</i> P	P	09 44 56.5 -1.7
WRA	comp=Z,19nm,0.9s		pmax	
WC3	Warramunga Arr	47.87 191 <i>e</i> P	P	09 44 56.6 -1.7
WC3	comp=Z,22nm,0.9s			
TNA	Tin City	48.70 25 P	P	09 45 05.1 +1.0
PSI	Prapat	48.89 248 P	P	09 45 06.5 +0.2
PSI	comp=Z,7.5nm,0.9s,comp=Z,389nm			
MDSI	Maura Dua	49.26 236 P	P	09 45 08.1 -0.9
MDSI	comp=Z,34nm,0.9s			
ZAAO	Zalesovo Array	49.84 319 <i>e</i> P	P	09 45 13.5 +0.5
ZALV	Zalesovo Beam	49.84 319 <i>e</i> P	P	09 45 13.8 +0.8
ZALV	comp=Z,8.2nm,0.7s,baz=89,slo=6.7,SNR=16			
RAMN	Ramite	49.98 283 <i>e</i> P	P	09 45 14.4 -0.4
JUN	Jiri	50.16 284 <i>e</i> P	P	09 45 16.5 +0.2
JUN	Gumba	50.37 285 <i>e</i> P	P	09 45 17.9 +0.1
PKIN	Phulchoki	50.87 284 <i>e</i> P	P	09 45 20.9 -0.6
PKIN	comp=Z,6.9nm,0.4s			
NVS	Novosibirsk	50.88 320 <i>e</i> P	P	09 45 26.0 +5.2
KNK	Kakani	50.91 285 <i>e</i> P	P	09 45 21.5 -0.3
MK01	Makanchi Array	50.97 309 <i>e</i> P	P	09 45 21.7 0.0
MK31	Makanchi Array	50.97 309 <i>i</i> P	P	09 45 21.7 0.0
MK31	comp=Z,4.0nm,0.7s		pmax	
MK31	Makanchi Array	50.97 309 <i>e</i> P	P	09 45 22.6 +0.9
MKAR	Makanchi Array	50.97 309 <i>e</i> P	P	09 45 22.4 +0.7
MKAR	comp=Z,5.1nm,0.7s,baz=91,slo=8.9,SNR=47			
MKAR	comp=Z,1.9nm,1.0s,baz=82,slo=6.4,SNR=2.7		PcP	
MKAR	Makanchi Array	50.97 309 <i>e</i> P	P	09 45 22.1 +0.4
DMN	Daman	51.11 285 <i>e</i> P	P	09 45 22.8 -0.5
MAKZ	Makanchi	51.19 309 <i>e</i> P	P	09 45 23.9 +0.5
AS01	Alice Springs	51.58 191 <i>e</i> P	P	09 45 23.9 -2.5
ASAR	Alice Springs	51.59 191 P	P	09 45 24.4 -2.0
ASAR	comp=Z,1.4nm,0.6s,baz=6.1,slo=6.2,SNR=39		PcP	
ASAR	comp=Z,1.0nm,0.9s,baz=57,slo=3.5,SNR=4.6			
KOLN	Koldand	52.36 285 <i>e</i> P	P	09 45 32.3 -0.3
NR1K	Noril'sk	52.67 338 P	P	09 45 36.5 +2.5
NR1K	comp=Z,1.6nm,0.9s,baz=21,slo=11,SNR=2.8			
KURK	Kurchatov	53.41 314 P	P	09 45 39.1 -0.6
KURK	comp=Z,36nm,0.8s		pmax	
KURK	Kurchatov	53.41 314 <i>e</i> P	P	09 45 40.2 +0.5
KURK	comp=Z,2.0nm,0.8s			
KURB	Kurchatov Arr	53.47 314 P	P	09 45 40.5 +0.4
KURB	comp=Z,16nm,0.5s,baz=90,slo=8.0,SNR=235			
KDAK	Kodiak Island	53.54 37 P	P	09 45 40.0 -0.5
KDAK	comp=Z,6.5nm,0.6s,baz=282,slo=3.6,SNR=7.7			
KDCA	Kodiak Island	53.54 37 <i>e</i> P	P	09 45 40.2 -0.3
CAST	Castle Rocks	54.54 30 <i>e</i> P	P	09 45 48.5 +0.7
TRF	Thorfare Moun	55.34 30 <i>e</i> P	P	09 45 53.7 -0.1
TRF	comp=Z,33nm,2.1s			
MLY	Manley	55.38 28 <i>e</i> P	P	09 45 54.3 +0.4
MLY	comp=Z,9.4nm,0.9s			
MCK	McKinley	55.98 30 <i>e</i> P	P	09 45 57.8 -0.3
RND	Reindeer	55.98 30 <i>e</i> P	P	09 45 57.7 -0.5
TKM2	Tokmak 2	55.98 305 <i>e</i> P	P	09 46 00.1 +1.3
KSH	Kashi	56.20 301 <i>e</i> P	P	09 46 03.9 +3.6
KSH	comp=Z,12.5nm,1.3s		pmax	
KSH	comp=Z,210nm,5.5s		pmax	
KSH	comp=Z,88nm,6.1s		LR LR	
KSH	comp=Z,140nm,5.4s		LR LR	
KSH	comp=Z,290nm,5.6s		LR LR	
MDM	Murphy Dome	56.42 28 <i>e</i> P	P	09 46 01.9 +0.6
MDM	comp=Z,29nm,1.6s			
WRH	Wood River Hill	56.43 29 <i>e</i> P	P	09 46 02.7 +1.4
WRH	comp=Z,7.6nm,1.0s			
COLA	College	56.58 29 <i>e</i> P	P	09 46 02.4 +0.1
COLA	comp=Z,3.0nm,0.9s		pmax	
AAK	Ala-Archa	56.82 305 P	P	09 46 05.0 +0.3
AAK	comp=Z,2.3nm,0.7s,baz=128,slo=4.9,SNR=10			
AAK	Ala-Archa	56.82 305 <i>e</i> P	P	09 46 04.8 +0.1
AAK	comp=Z,2.0nm,2.0s		pmax	
AAK	Ala-Archa	56.82 305 <i>e</i> P	P	09 46 05.4 +0.6
AAK	comp=Z,2.6nm,0.8s			
ILAR	Eielson Array	56.98 29 P	P	09 46 04.1 -1.2
ILAR	comp=Z,6.8nm,0.9s,baz=25,slo=5.9,SNR=49			
ILB	Eielson Array	56.98 29 <i>e</i> P	P	09 46 04.0 -1.2
ILB	comp=Z,1.2nm,0.9s			
IL1	Eielson Array	56.98 29 <i>e</i> P	P	09 46 03.9 -1.3
EKS2	Erkin-Say	57.34 305 <i>e</i> P	P	09 46 09.1 +0.8
YOSK	Yostochayna	58.09 317 <i>e</i> P	P	09 46 13.7 +0.4
DOT	Dot Lake	58.13 30 <i>e</i> P	P	09 46 13.2 -0.2
CHZK	Chkalovo	58.24 318 <i>i</i> P	P	09 46 14.6 +0.4
CHZK	comp=Z,9.0nm,0.7s		pmax	
BVAO	Borovoye Array	58.42 317 P	P	09 46 17.2 +1.6
BVAO	comp=Z,10.0nm,0.7s		pmax	
BVAR	Borovoye Array	58.42 317 P	P	09 46 16.6 +1.0
BVAR	comp=Z,9.0nm,0.6s,baz=81,slo=8.7,SNR=36			
BRVK	Borovoye	58.48 317 <i>e</i> P	P	09 46 16.8 +0.8
BRVK	comp=Z,22nm,1.9s		pmax	
BRVK	Borovoye	58.48 317 <i>e</i> P	P	09 46 18.1 +2.2
BRVK	comp=Z,15nm,1.0s			
STKA	Stevens Creek	59.00 182 P	P	09 46 17.9 -1.7
STKA	comp=Z,5.3nm,0.8s,baz=33,slo=7.6,SNR=9.6			
STKA	Stevens Creek	59.00 182 P	P	09 46 18.0 -1.7
STKA	comp=Z,5.0nm,0.8s		pmax	
STKA	Stevens Creek	59.00 182 <i>e</i> P	P	09 46 18.1 -1.7
EGAK	Eagle	59.43 29 <i>e</i> P	P	09 46 22.2 -0.1
EGAK	comp=Z,22nm,2.6s			
KK31	Karatay Array	59.64 306 <i>i</i> P	P	09 46 24.0 -0.2
KK31	comp=Z,6.0nm,0.5s		pmax	
KKAR	Karatay Array	59.64 306 <i>e</i> P	P	09 46 24.7 +0.5
DAWY	Dawson	60.20 30 <i>e</i> P	P	09 46 28.5 +0.7
ARU	Arti	64.72 322 P	P	09 46 59.0 +0.9
ARU	comp=Z,7.1nm,0.5s,baz=83,slo=2.0,SNR=20			
ARU	Arti	64.72 322 <i>d</i> P	P	09 46 58.6 +0.6
ARU	comp=Z,1.1nm,1.0s			
ARU	SS		SS	09 46 58.4 +0.2
ARU	SS		SS	09 46 58.4 +0.2
ARU	SS		SS	09 46 58.4 +0.2
ARU	comp=Z,20nm,0.8s		pmax	
ARU	Arti	64.72 322 <i>e</i> P	P	09 46 58.9 +0.8
AB31	Akbulak array	65.52 314 <i>i</i> P	P	09 47 03.7 +0.4
AB31	comp=Z,1.7nm,0.8s		pmax	
AB31	Akbulak array	65.52 314 <i>e</i> P	P	09 47 03.7 +0.4
AB31	comp=Z,5.0nm,0.6s		pmax	
ABKAR	Akbulak array	65.52 314 <i>e</i> P	P	09 47 04.0 +0.7

AKTO	Aktubinsk	66.43 316 P	P	09 47 09.4 +0.2
AKTO	comp=Z,4.2nm,0.8s,baz=82,slo=12,SNR=11			
AKTO	Aktubinsk	66.43 316 P	P	09 47 08.0 -1.2
AKTO	comp=Z,7.0nm,0.9s		pmax	
GEYT	Alibek	70.09 303 P	P	09 47 33.5 +1.1
GEYT	comp=Z,2.7nm,0.3s,baz=357,slo=3.0,SNR=4.7			
GEYT	Alibek	70.09 303 <i>e</i> P	P	10 21 34.6
YKA	Yellowknife Ar	71.41 29 P	P	09 47 39.6 -0.2
YKA	comp=Z,5.2nm,0.8s,baz=294,slo=5.7,SNR=54			
YKBS	Yellowknife Ar	71.41 29 <i>e</i> P	P	09 47 38.8 -1.1
ARCES	ARCCESS Array B	73.53 341 P	P	09 47 54.2 +1.8
ARCES	comp=Z,4.3nm,1.0s,baz=70,slo=5.3,SNR=4.1			
ARCES	ARCCESS Array B	73.53 341 P	P	09 47 54.2 +1.8
ARCES	comp=Z,2.0nm,0.8s		pmax	
B08A	Colville Reser	74.66 43 <i>e</i> P	P	09 47 59.7 +0.2
B08A	comp=Z,9.5nm,0.9s			
N02D	Trinity Center	75.43 51 P	P	09 48 04.7 +0.6
N02D	comp=Z,2.2nm,0.3s,baz=294,slo=5.7,SNR=54			
DAG	Danmarks Havn	75.44 356 <i>i</i> P	P	09 48 02.0 -1.4
DAG	comp=Z,9.0nm,1.0s		pmax	
DAG	Danmarks Havn	75.44 356 <i>i</i> P	P	09 48 02.0 -1.4
DAG	comp=Z,8.5nm,1.0s			
D08A	Wollman Farm	75.44 44 <i>e</i> P	P	09 48 04.2 +0.3
D08A	comp=Z,1.0nm,1.3s			
C09A	Chrisman Ranch	75.53 44 <i>e</i> P	P	09 48 04.5 0.0
C09A	comp=Z,8.3nm,1.1s			
M04C	Macdoel	75.70 50 P	P	09 48 06.2 +0.5
M04C	comp=Z,2.0nm,0.8s			
VRH	Novokhoporsk	75.83 321 <i>e</i> P	P	09 48 03.8 -2.3
VRH	comp=Z,9.0nm,0.9s		pmax	
VRH	Novokhoporsk	75.83 321 <i>e</i> P	P	09 48 03.8 -2.3
VRH	comp=N,8.0nm,0.6s		pmax	
VRH	comp=E,10.0nm,0.8s		pmax	
NEW	Newport	76.03 43 P	P	09 48 07.3 -0.1
NEW	comp=Z,10.0nm,0.7s			
NEW	Newport	76.03 43 <i>e</i> P	P	09 48 07.7 +0.3
NEW	comp=E,8.7nm,0.8s			
O03D	Paynes Creek	76.34 52 P	P	09 48 09.1 -0.2
O03D	comp=Z,2.0nm,0.8s			
LPSR	Galich ya Gora	76.74 323 <i>e</i> P	P	09 48 10.3 -0.9
LPSR	comp=Z,6.0nm,1.1s		pmax	
LPSR	Galich ya Gora	76.74 323 <i>e</i> P	P	09 48 10.3 -0.9
LPSR	comp=N,6.0nm,1.2s		pmax	
LPSR	comp=E,2.0nm,0.5s		pmax	
OBN	Obninsk	76.78 326 <i>e</i> P	P	09 48 11.9 +0.6
OBN	comp=Z,7.0nm,1.0s			
OBN	Obninsk	76.78 326 <i>e</i> P	P	09 48 22.6
OBN	comp=Z,7.0nm,1.0s		MLR	
ORV	Oroville	76.85 52 <i>e</i> P	P	09 48 11.7 -0.4
ORV	comp=Z,69nm,12.0s			
OHCM	Oroville	76.96 52 <i>e</i> P	P	09 48 12.7 +0.1
OHCM	comp=Z,2.0nm,1.4s			
VSR	Storozhevoye	77.26 321 <i>e</i> P	P	09 48 11.1 -3.1
VSR	comp=Z,4.0nm,0.9s		pmax	
VSR	Storozhevoye	77.26 321 <i>e</i> P	P	09 48 11.1 -3.1
VSR	comp=N,10.0nm,0.6s		pmax	
VSR	comp=N,10.0nm,0.6s		pmax	
VSR	comp=E,10.0nm,1.2s		pmax	
J08A	Circle Bar Ran	77.30 48 <i>e</i> P	P	09 48 15.1 +0.3
J08A	comp=Z,2.0nm,1.4s			
VORD	Vordogorie	77.31 321 <i>e</i> P	P	09 48 10.8 -3.6
VORD	comp=Z,2.0nm,0.9s		pmax	
VORD	Vordogorie	77.31 321 <i>e</i> P	P	09 48 10.8 -3.6
VORD	comp=N,10.0nm,0.6s		pmax	
VORD	comp=N,10.0nm,0.6s		pmax	
AFDM	Forest Hills D	77.48 53 <i>e</i> P	P	09 48 16.3 +0.6
AFDM	comp=Z,20nm,0.8s			
WALA	Waterton Lakes	77.59 41 <i>e</i> P	P	09 48 16.9 +0.7
WALA	comp=Z,1.3nm,1.1s			
WVOR	Wild Horse Val	77.59 49 <i>e</i> P	P	09 48 16.6 +0.3
WVOR	comp=Z,30nm,1.9s			
BSMT	Basoo Peak	77.62 42 <i>e</i> P	P	09 48 17.2 +0.6
BSMT	comp=Z,30nm,1.9s			
JTMT	Jette	77.97 42 <i>e</i> P	P	09 48 18.7 +0.3
JTMT	comp=Z,30nm,1.9s			
FINES	FINESS Array B	78.05 334 <i>e</i> P	P	09 48 18.8 +0.4
FINES	comp=Z,4.4nm,0.5s,baz=89,slo=3.9,SNR=24			
FINES	FINESS Array B	78.05 334 <i>e</i> P	P	09 48 20.1 +1.7
FINES	comp=Z,4.0nm,0.5s		pmax	
SWMT	Swartz Lake	78.25 42 <i>e</i> P	P	09 48 20.1 +0.2
SWMT	comp=Z,5.0nm,0.7s,baz=83,slo=5.3,SNR=12			
KBZ	Khabaz	78.45 313 P	P	09 48 22.1 +1.1
KBZ	comp=Z,5.0nm,0.7s,baz=83,slo=5.3,SNR=12			
KIV	Kislovodsk	78.49 314 <i>e</i> P	P	09 48 19.3 -2.0
KIV	comp=Z,4.0nm,0.7s		pmax	
KIV	Kislovodsk	78.49 314 <i>e</i> P	P	09 48 19.3 -2.0
KIV	comp=Z,4.0nm,0.7s		MLR	
MSO	Missoula	78.61 43 P	P	09 48 21.6 -0.3
MSO	comp=Z,94nm,18.0s			
PPT	Papeete	78.68 116 LR	LR	10 16 47.0
PPT	comp=Z,126nm,20.1s,baz=326,slo=31			
MFID	Manas Ranch	79.00 47 <i>e</i> P	P	09 48 24.6 +0.5
MFID	comp=Z,12nm,1.0s			
BMN	Battle Mountai	79.43 50 <i>e</i> P	P	09 48 27.1 +0.4
BMN	comp=Z,26nm,1.8s			
MLAC	Mammoth, Mam	79.56 53 P	P	09 48 28.5 +1.0
MLAC	comp=Z,26nm,1.8s			
NV01	Mina Array Sit	79.58 52 <i>e</i> P	P	09 48 2

13d 10h

Table with columns: ID, Name, Az, El, Az', El', Phase, ID, Time, Res. Includes stations like B31A Greenbush Farm, BR231 Keskin MP Arra, etc.

2011 JAN

Main table with columns: ID, Name, Az, El, Az', El', Phase, ID, Time, Res. Includes stations like U35A Pawnee, W34A Bridge Creek, 330A Mertz, etc.

646

Table with columns: ID, Name, Az, El, Az', El', Phase, ID, Time, Res. Includes stations like MSF Maaselka, JOF Joensuu, JOF Joensuu, etc.

IDC 13 10:20:40.1, 1.6, 6.22N, 127.00E, h62km, 13km, mb4.6/34, mb1 4.7/36, mb1mx4.6/43, mbtmp4.9/36, MS3.9/35, MS1 3.9/35, ms1mx3.8/55, Error ellipse: s-maj=14.2km s-min=8.0km az=81.0
 MAN 13 10:20:41.6, 18N:127.02E, h61km, mb5.5, ML4.4, MS4.8 DJA 13 10:20:41.9, 0.6, 6.1N:5.2E, h71km, mb6.0, MS2.1/18, mb5.3/18, mb5.5/12, ML5x12.6, MW(5B)0/12
 KLM 13 10:20:41.5, 6.36N:127.30E, h64km, mb5.1, MS6.4
 BUI 13 10:20:42.0, 3.6:23N:127.14E, h110km, mb4.9/59, mb5.1/41
 GCMT 13 10:20:43.2, 0.3, 6.16N:127.21E, h63km, 2km, MW5.0/76, Moment Tensor Solution: s40,c45,s76,c113, Duration: 0 Moment tensor: Scale 1016Nm; M2.59±.15; Mw0.69±.12; Mw-3.27±.12; M1a 1.35±.07; Mw-1.3±.10; Mw.1.22±.12; Best double couple: M0.368200, 1016 NP1.3±.37, 00000°, δ62.00000°, λ114.00000°. NP2: φ±173.00000°, δ36.00000°, λ53.00000°. Principal axes: T 3.3230, Plg65.0000°, Azm349.0000°; N 0.7190, Plg21.0000°, Azm205.0000°; P -4.0400, Plg14.0000°, Azm109.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 13 10:20:43.1, 0.7, 6.21N:127.04E, h90km, 7km, mb5.1/35 Error ellipse: s-maj=6.1km s-min=4.7km az=76.0
 ISC 13 10:20:42.0, 0.6, 6.24N:127.06E, 0.04, h80km, 4km, m339, s1934/349, ms5.0/130, 31C-7D, Philippine Islands region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h	s
MATI	Mati	1.08	311	eP	Pn	10 21 01.0	-1.0
MATI	Davao City (W)	1.70	299	eP	Pn	10 21 16.1	-0.9
DAV		2.06	340	S	Sn	10 21 10.8	+0.8
DAV		1.00	340	S	Sn	10 21 34.0	+2.8
DAV		1.70	299	eP	Pn	10 21 10.6	+0.6
BIPH		2.06	340	iS	Sn	10 21 14.9	+0.3
BIPH		2.12	291	iS	Sn	10 21 39.9	+0.3
KCP	Kidapawan	2.12	291	iS	Sn	10 21 14.1	-1.5
KCP		2.12	291	iS	Sn	10 21 40.5	-0.6
BUKP	Musuan	2.58	309	eP	Sn	10 21 22.8	+1.0
EUKP		2.97	211	eP	Sn	10 21 53.5	+1.2
SGSI	Sangihe	2.97	211	eP	Pn	10 21 26.3	-0.7
CTBH	Cotabato-PC H	2.98	289	iP	Pn	10 21 26.6	-0.5
BUTP	Butuan	3.07	332	eP	Pn	10 21 31.1	+2.7
CGP	Cagayan de Oro	3.23	313	eP	Pn	10 21 31.3	+0.8
CGP		3.86	336	eS	Sn	10 22 08.4	+0.5
SCPH	Surigao	3.86	336	eS	Pn	10 21 40.4	+1.3
SCPH		4.00	294	eP	Pn	10 21 22.0	+2.8
PAGZ	Pagadian	4.00	294	eP	Pn	10 21 41.2	+0.2
DCPH	Dipolog City	4.37	302	eP	Pn	10 21 47.8	+1.8
MSLP	Maasin	4.45	331	eP	Pn	10 21 47.7	+0.6
IPIL	Ipil	4.73	289	eP	Pn	10 21 52.9	+2.0
LLP	Lapu-Lapu	5.09	323	eP	Pn	10 21 57.1	+1.3
LLP		5.32	337	eP	Sn	10 22 54.7	+1.4
PLP	Palo	5.32	337	eP	Sn	10 21 58.7	-0.2
PLP		5.37	333	eP	Sn	10 22 53.2	-5.7
OCLP	Ormoc	5.44	177	P	Pn	10 22 07.1	+7.4
TNTI	Ternate	5.44	177	P	Pn	10 22 00.2	-0.4
TNTI		5.44	177	P	Pn	10 21 59.7	-0.9
TNTI	Ternate	5.44	177	ePn	Pn	10 22 00.1	-0.6
TNTI	Jordan	6.22	214	eP	Pn	10 22 04.4	+1.1
LBMI	Labuha	6.84	176	P	Pn	10 22 19.1	-0.7
GTOI	Gorontalo	6.89	216	P	Pn	10 22 19.3	-1.1
PALU	Palau	7.43	81	P	Pn	10 22 25.9	-1.9
MRSI	Marisa	7.68	222	P	Pn	10 22 31.3	0.0
SWI	Sorong	8.20	149	P	Pn	10 22 36.1	-2.1
SWI		8.20	149	P	Pn	10 22 36.2	-2.1
SIJI	Sorong	8.21	149	P	Pn	10 22 36.2	-2.3
SIJI		8.93	218	S	Sn	10 24 00.0	-1.0
SIJI		16.00	0.3s	baz=270,slow=23,SNR=9.1	LR	10 26 40.6	
SANI	Sanana	8.30	188	P	Pn	10 22 36.6	-3.2
SANI		8.30	188	P	Pn	10 22 36.6	-3.2
SANI	Sanana	8.30	188	P	Pn	10 22 41.8	+0.6
LUWI	Luwuk	8.41	211	P	Pn	10 22 48.9	+7.7
LUWI		8.60	263	ePn	Pn	10 22 46.1	+2.3
MYLDM	Lahad Datu	8.60	263	ePn	Pn	10 22 45.2	+1.4
APSI	Ampana	8.93	218	P	Pn	10 22 51.0	+2.6
TSM	Tawau	9.37	259	iP	Pn	10 22 55.8	+1.5
SDKM	Sandakan	9.85	267	iP	Pn	10 23 03.0	+2.1
KDM	Kudat	10.20	274	iP	Pn	10 23 08.8	+3.2
FAKI	Fak Fak	10.46	150	P	Pn	10 23 08.1	-1.1
FAKI	Fak Fak	10.46	150	P	Pn	10 23 07.7	-1.5
FAKI	Fak Fak	10.46	150	ePn	Pn	10 23 08.2	-1.1
RKPI	Ransiki, Papua	10.46	137	P	Pn	10 23 10.7	+1.4
GSI	Kota Kinabalu	10.80	270	P	Pn	10 23 17.6	+3.7
KKM	Kota Kinabalu	10.80	270	iP	Pn	10 23 16.7	+2.8
KKM	Kota Kinabalu	10.80	270	ePn	Pn	10 23 18.6	+4.7
MMSI	Mamuju	12.05	223	P	Pn	10 23 31.4	+0.6
KAPI	Kappang	13.36	213	P	Pn	10 23 46.4	-2.0
KAPI		13.36	213	P	Pn	10 23 49.4	+1.0
KAPI	Kappang	13.36	213	P	Pn	10 23 46.4	-2.0
KAPI		14.27	258	ePn	Pn	10 23 52.1	-3.0
SBUM	Sibu	15.28	256	iP	P	10 24 16.0	-0.5
SBUM		15.28	256	ePn	P	10 24 15.1	-1.4
GENI	Genyem	15.74	123	P	Pn	10 24 19.1	-0.1
JAY	Jayapura	16.15	122	P	Pn	10 24 23.8	-0.6
KSM	Kuching	17.38	255	P	P	10 24 40.9	+1.1
KSM		17.38	255	iP	P	10 24 41.4	+1.6
KSM	Kuching	17.38	255	eP	P	10 24 40.1	+0.4
KLNI	Mataram	18.22	217	P	Pn	10 24 51.9	+2.2
GUMO	Guam	18.98	66	LR	LR	10 31 29.5	
DLV	T. Lat	19.21	288	eP	Pn	10 25 00.8	-0.9
MTN	Manton Dam	19.38	168	P	P	10 25 00.5	-1.1
MTN	Manton Dam	19.38	168	eP	P	10 25 02.2	+0.6
JAGI	Jajaja, Banyuw	19.48	222	P	P	10 25 02.4	-0.4
KDU	Kakadu	19.55	164	P	P	10 25 01.1	-2.4
HKC	Hong Kong Obse	20.26	323	eP	Pn	10 25 13.0	-0.7
JOW	Kunigami	20.51	31	eP	Pn	10 25 14.9	+1.1
JOW		21.05	309	eP	pP	10 25 33.8	+3.9
QIZ	Qiongzhong	21.05	309	P	pP	10 25 20.3	+0.6
QIZ		25.39	3	S	pP	10 25 39.5	+3.6
QIZ		25.39	3	S	pmax	10 25 09.3	-0.5
QIZ		comp=Z,36nm,1.5s			pmax		
QIZ		comp=Z,170nm,3.5s			LR		
QIZ		comp=N,450nm,18.0s			LR		
QIZ		comp=Z,910nm,19.7s			LR		
KNRA	Kunurra	21.84	176	P	P	10 25 27.7	-0.4
MANU	Manus Island	21.86	111	eP	P	10 25 31.0	+2.6
UBPT	Khong Chiam	23.03	295	P	P	10 25 43.5	+2.9

MYKOM	Kota Tinggi	23.58	260	eP	P	10 25 45.6	-0.2
FITZ	Fitzroy Crossi	24.23	183	P	P	10 25 51.1	-0.4
FITZ	Fitzroy Crossi	24.23	183	P	P	10 25 51.6	+0.2
FITZ	Fitzroy Crossi	24.23	183	eP	P	10 25 51.2	-0.4
SKNT	Sakolankorn	24.98	297	P	P	10 25 59.1	+0.7
CBIJ	Chichi jima	25.24	33	eP	P	10 26 03.3	+2.6
JCJ	Chichijima	25.24	33	P	P	10 26 01.1	+0.4
PMG	Port Moresby	25.34	128	LR	LR	10 36 50.1	
PMG	Port Moresby	25.34	128	eP	pmax	10 26 02.1	+0.4
COEN	Coen	25.65	142	P	P	10 26 04.1	-0.4
COEN	Coen	25.65	142	eP	P	10 26 10.6	+6.1
KHON	Khonkaen	25.78	295	P	P	10 26 06.5	+0.8
IPM	Iphoh	26.00	267	eP	P	10 26 06.8	-0.9
SKLT	Songkhla	26.29	274	P	P	10 26 10.5	+0.2
SKLT	Songkhla	26.29	274	P	P	10 26 09.9	-0.4
KULM	Kulim	26.31	269	eP	P	10 26 10.4	-0.1
NAYO	Nakayok	26.56	290	P	P	10 26 15.2	+2.5
NJ2	Nanjing	26.81	344	eP	P	10 26 16.3	+1.6
WRAB	Tennant Creek	26.97	165	eP	pmax	10 26 17.0	+0.6
WRAB		26.97	165	P	P	10 26 15.1	-1.3
WRAB	Tennant Creek	26.97	165	eP	P	10 26 16.7	+0.3
WRA	Warramunga Arr	26.98	165	P	P	10 26 15.1	-1.4
WRA		26.98	165	P	P	10 30 51.0	+2.9
WRA	Warramunga Arr	26.98	165	P	P	10 39 23.5	
WRA		26.98	165	P	pmax	10 36 15.1	-1.4
WRA		26.98	165	P	MLR	10 36 51.1	+2.9
JNU	Nakatsue	26.98	7	P	P	10 26 15.4	-1.0
JNU		26.98	7	P	LR	10 35 41.5	
JNU	Nakatsue	26.98	7	eP	P	10 26 15.7	-0.7
TRTT	Trang	27.22	275	P	P	10 26 19.0	+0.3
PPI	Padang Panjang	27.45	257	P	P	10 26 20.0	-0.7
PPI	Padang Panjang	27.45	257	P	P	10 26 19.4	-1.3
PBKT	Sadao Pong	27.54	294	P	P	10 26 22.1	+0.6
LOEI	Loei	27.59	296	P	P	10 26 19.3	-2.7
PHET	Kaeng Krachan	27.85	286	P	P	10 26 30.0	+5.7
GVA	Guyaiyung	27.98	318	P	pP	10 26 27.0	+1.5
GVA		27.98	318	P	pP	10 26 51.4	+7.3
GVA		27.98	318	P	pP	10 27 04.3	+1.1
GVA		27.98	318	P	pP	10 27 18.8	+4.8
GVA		27.98	318	P	pP	10 29 40.6	+1.6
GVA		27.98	318	P	pP	10 31 02.0	-2.2
GVA		27.98	318	P	pP	10 31 44.8	+8.5
GVA		comp=Z,20nm,0.8s			pmax		
GVA		comp=Z,120nm,4.8s			pmax		
UTTA	Utтарadi	28.31	296	P	P	10 26 29.3	+1.0
NANT	Nan	28.56	298	P	P	10 26 31.4	+0.8
PKDT	Phuket	28.57	275	P	P	10 26 30.7	0.0
SRDT	SRDT	28.64	289	P	P	10 26 32.9	+1.6
UTHA	Uthaitani	28.64	291	P	P	10 26 32.5	+1.2
PHIS	Phra Pradaeng	28.86	297	P	P	10 26 34.4	+1.1
QIRA	Mount Isa	29.34	155	P	P	10 26 36.9	-0.6
UMPA	Umpang Tak	29.36	292	P	P	10 26 39.0	+1.3
LAMP	Lampang	29.40	297	P	P	10 26 39.1	+1.0
MTSU	Munt Suripise	29.60	145	P	P	10 26 39.7	-0.1
GSI	Gunungsitoli	29.83	262	P	P	10 26 39.4	-2.6
GSI	Gunungsitoli	29.83	262	eP	P	10 26 39.8	-2.2
KMI	Kunming	29.92	312	P	pP	10 26 43.9	+1.0
KMI		29.92	312	P	pP	10 27 08.8	+7.3
KMI		29.92	312	P	pP	10 27 22.1	+1.1
KMI		29.92	312	P	pP	10 31 29.0	-5.9
KMI		29.92	312	P	pP	10 32 16.0	+8.9
KMI		29.92	312	P	pP	10 33 17.3	+3.2
KMI		comp=Z,33nm,1.1s			pmax		
KMI		comp=Z,160nm,4.4s			LR		
KMI		comp=Z,290nm,19.6s			LR		
KMI		comp=Z,390nm,21.4s			LR		
CM01	Chiang Mai Arr	29.96	296	eP	P	10 26 42.6	-0.5
CM31	Chiang Mai Arr	29.99	296	eP	P	10 26 44.5	+1.3
CMAR	Chiang Mai Arr	29.99	296	P	P	10 26 44.2	+0.9
CMAR		29.99	296	P	P	10 29 44.3	+0.2
CMAR		29.99	296	P	P	10 33 20.6	+1.3

13d 10h

Table of satellite data for 13d 10h, listing station names, coordinates, and various parameters like elevation and signal strength.

2011 JAN

Main table of satellite data for 2011 JAN, listing station names, coordinates, and various parameters like elevation and signal strength.

648

Table of satellite data for 648, listing station names, coordinates, and various parameters like elevation and signal strength.

Code Station Name Δ° AZZ Phase ID Time Res h m s ISC
IDC 13 30:40.1±1, 3.26°94N×143°31E, h0km, mb3.5/4, mb1 3.8/5, mb1mx3.5/48, mb1mp3.5/5, ML3.6/1, Error ellipse: s-maj=34.4km s-min=23.6km az=78.0, Bonin Islands region

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like ULN, INK, SONM, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like KIEV, MALT, MALTA, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like SIRIA, GZR, GZR, etc.

DDA 13 10:49:25.0, 39.76N-43.59E, h7km, Md3.2
CSEEM 13 10:49:26.0, 39.73N-43.55E, h2km, MD3.2, Error
ellipsoe: s-maj=5.9km s-min=4.5km az=82.0
ISK 13 10:49:27.5, 39.77N-43.35E, h5km, MD2.9
ISC 13 10:49:25.2, 1.1, 39.76N-0.02, 43.60E, 0.03, h3km, 11km,
Code Station Name Az Elz Op Phase ID Time Res
ISC h m s ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TVAN Van, EKAR Karacaban, HOMI Horasan, etc.

YARS 13 10:54:50.8-0.5,56.96N-0.03-123.03E:0.02, h10km, Southeastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YKLR Yuktali, CLNS Chul'man, IENR Ingra, etc.

ISCJB 13 11:13:48.5-0.7,27.47N-0.07-143.39E:0.07, h10km, mb3.7/11, Error ellipse: s-maj=12.4km s-min=5.7km az=138.5

ISC 13 11:13:48.7-0.8,27.35N-143.40E, h0km, mb3.7/11, mb1.3/9.12, mb0.7/5.3, mbtmp3.7/12, ML3.6/1, Error ellipse: s-maj=20.2km s-min=17.5km az=18.0

JMA 13 11:13:52.6-0.1,27.40N-143.27E, h20km, mb3.7/11, mb1.3/9.12, mb0.7/5.3, mbtmp3.7/12, ML3.6/1, Error ellipse: s-maj=20.2km s-min=17.5km az=18.0

ISC 13 11:13:50.5-0.9,27.46N-0.08-143.28E:0.08, h10km, n18, az136/21, mb3.7/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBJJ Chichi jima, CBJJ Chichijima, JCHJ Haha-jima, etc.

ISCJB 13 11:32:45.9-0.8,27.11N-0.07-111.50W:0.05, h10km, mb3.3/1, MS3.7/1, Error ellipse: s-maj=10.0km s-min=5.6km az=15.8

NEIC 13 11:32:50.2,27.20N:111.58W, h16km, MD4.0(MEX), After MEX

MEX 13 11:32:50.2,27.20N:111.58W, h16km,38km, MD4.0, MD3.1, mb1.3/6.4, mb1mx3.4/39, mbtmp3.1/4, ML3.5/3, MS3.6/3, MS1.3/6.3, ms1mx3.2/25, Error ellipse: s-maj=54.8km s-min=15.5km az=18.0

ISC 13 11:32:47.6-1.1,27.22N-0.08-111.53W:0.05, h10km, n21, az126/21, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRIG Santa Rosalia, HSIG Lake Whitney, GLA Glamis, etc.

ISK 13 11:35:33.9,37.54N-34.48E, h28km, MD2.5, CSEM 13 11:35:36.2-0.2,37.63N-34.70E, h30km, MD2.5, Error ellipse: s-maj=5.5km s-min=5.4km az=64.0, DDA 13 11:35:40.5,37.47N-34.59E, h7km, Mdz2.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GULE Gulek, KARA Karaisali, KARF Karaisali, etc.

KRSC 13 11:37:56.4-2.1,49.90N-157.01E, h60km,25km, ML4.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, ASAK Asushka, etc.

VIE 13 11:41:14.0-0.4,43.28N-17.78E, h10km, mb2.8/3, ml2.5/3, Error ellipse: s-maj=4.6km s-min=3.5km az=53.0

PDG 13 11:41:14.8-0.2,43.36N-17.50E, h5km, ML2.9/11, Error ellipse: s-maj=5.0km s-min=0.9km az=0.0

CSEM 13 11:41:15.1-0.2,43.37N-17.53E, h2km, ML2.8, Error ellipse: s-maj=5.1km s-min=2.9km az=46.0

BEO 13 11:41:15.6-0.5,43.39N-17.47E, h0km, M2.7/1, Error ellipse: s-maj=5.1km s-min=2.9km az=46.0

ISC 13 11:41:14.5-1.2,43.35N-17.47E:0.02, h2km,10km, n63, az192/116, 18C-11D, Northwestern Balkan Peninsula

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

MEX 13 11:52:54.8-0.5,27.12N-111.48W, h8km,7km, MD3.9, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRIG Santa Rosalia, HSIG Lake Whitney, GLA Glamis, etc.

ISC 13 12:04:53.7-0.5,36.93S-179.94E, h33km, ML5.7/74, Error ellipse: s-maj=3.9km s-min=2.7km az=90.0, WEL Felt from Bay of Plenty to Gisborne, maximum reported intensity MM 4, BUJ 13 12:04:54.0,37.00S-179.50E, h41km, mb5.3/21, mb5.6/20, Ms5.5/17, Ms7.5/0/18, ISCJB 13 12:04:55.2-0.2,36.98S:0.03-179.54E:0.03, h33km, mb5.5/96, MS5.1/130, Error ellipse: s-maj=4.8km s-min=2.3km az=138.1, MOS 13 12:04:55.4-1.3,36.83S-179.39E, h33km, mb5.6/28, MS5.2/5, Error ellipse: s-maj=12.4km s-min=11.7km az=9.5, IDC 13 12:04:56.9-1.6,36.73S-179.48E, h39km,12km, mb5.1/22, mb1.5/123, mb1mx3.0/21, mbtmp5.3/23, ML5.1/1, MS4.8/22, ML1.4/8/22, ms1mx4.2/28, Error ellipse: s-maj=13.5km s-min=12.5km az=174.0, NEIC 13 12:04:56.4-0.2,36.92S-179.46E, h35km, mb5.5/41, MS5.2/104, ML5.5(WEL), Error ellipse: s-maj=8.5km s-min=5.8km az=157.0, NEIC Felt at Gisborne, GGMT 13 12:04:57.1-0.1,36.87S-179.82E, h19km, MW5.5/114, Moment Tensor Solution. s78,c128; s114,c219; Duration: 1s3 Moment tensor: Scale 10^17Nm; Mo=0.12t; 02; Mo=1.04t; 02; Mo=1.16t; 02; Mo=0.01t; 04; Ms=1.1t; 02; Ms=1.17t; 02; Best double couple: M=1.3090000^1017 NP=1.3900000^0,386 00000^0,2146.00000^0, NP2=0.71 00000^0,356 00000^0,1.5 00000^0. Principal axes: T 2.1540, Plg26.0000^0, Azm289.0000^0; N -0.4870, Plg56.0000^0, Azm175.0000^0; P -1.6640, Plg20.0000^0, Azm30.0000^0; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s, ISC 13 12:04:55.3-0.3,37.08S-0.05-179.58E:0.05, h33km, n626, az168/532, mb5.5/93, MS5.1/131, 28C-19D, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOJS Bojanci, CRES Cresneiv, CKRM Moragy, etc.

GUC 13 11:48:06.0-0.6,27.87S-70.94W, h34km,4km, ML3.5, ISC 13 11:48:06.7-3.0,27.89S-0.04-70.96W:0.08, h6km,20km, n21, az30/25, 2C-1D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VACH Vallenar, VACH Vallenar, CPCH Copiapo, etc.

MEX 13 11:52:54.8-0.5,27.12N-111.48W, h8km,7km, MD3.9, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRIG Santa Rosalia, HSIG Lake Whitney, GLA Glamis, etc.

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

13d 12h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like NWAOW, FITZ, QSPA, etc.

2011 JAN

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PAYG, PHET, CHAI, YSS, etc.

654

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like FURC, N02D, CMMT, etc.

Table with columns: BRG, comp-Z, station name, time, res, ISC. Includes stations like GOPE, PRU, NKNC, KHC, GERES, TAM, WLF, CUC, FUORN, WDD, TUE, CLTB, VLC, VSL, KEST, KESM, RTE, MDT, PAB, ESDC.

IDC 13 12:09:03.4, 1.3, 24.30N; 120.45E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3/4.56, mbtmp3.7/5, ML3.2/1, MS3.4/2, Ms1 3.4/2, ms1mx2.8/62, Error ellipse: s-maj=68.7km s-min=22.3km az=68.0

ISCJP 13 12:09:05.4, 0.5, 24.32N; 122.43E, 0.02, h10km, 4km, mb3.6/4, Error ellipse: s-maj=29.7, s-min=2.5km az=15.4

TAP 13 12:09:05.8, 24.80N; 122.37E, h17km, ML4.1, JMA 13 12:09:06.3, 0.1, 24.72N; 122.37E, h46km, 3km, M3.0

ISC 13 12:09:05.2, 1.1, 24.75N; 122.40E, 0.02, h15km, 8km, n65, c083/91, mb3.7/4, 3C-8D, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TWB1, TWB2, TWC, JYNG, ILA, YOJ, NWF, TWE, ENA, EHP, ENTT, TWA, TAP1, TAP2, TWY, PCYT, NSK, TWS1, TWS2, NNS.

Table with columns: TWD, HWA, NCU, TWT, TWST, NSTT, IRIF, ESL, HSN, HATJ, WDT, NSY, TWQ1, JKRS, JKRS, SMLT, SMLT, JJJ, NYC, TCU, TWF1, JISG, WNT, WNT, YUS, YUS, CHKT, ALS, CHNS, CHNS, ELDTW, CHN2, CHN2, CHN4, CHN4, STYT, WTP, TWG, TWK, CHN1, SGST, SSD, TWMT, EAST, LAY, PNG, SCZT, KRSR, KRSR, JCJ, SONM, MKAR, WRA, ASAR, CSEM, BEO, PDG, DVF, ISC.

CSEM 13 12:22:13.8, 0.1, 43.77N; 20.75E, h2km, ML2.9, Error ellipse: s-maj=2.3km s-min=1.9km az=131.0 BEO 13 12:22:14.6, 0.2, 43.76N; 20.75E, h3km, 2km, MD3.9/1, PDG 13 12:22:14.2, 0.3, 43.75N; 20.74E, h8km, ML3.1/1, DVF 13 12:22:17.2, 43.37N; 21.01E, h2km, ISC 13 12:22:14.2, 0.9, 43.77N; 0.01, 20.76E; 0.01, h8km, 8km, n95, c087/158, 14C-24D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GRUS, GRUS, IVAS, IVAS, TRUS, TRUS, SVIS, SVIS, SELS, DIVS, DIVS, DIVS, DIVS, BOVS, BOVS, BOVS, SJSJ, SJSJ, BOLS, BOLS, BOLS, KUBS, KUBS, KUBS, BBLs, BBLs, BBLs, BEO, BEO, BEO, BEO.

Table with columns: BEO, PLE, PLE, PLE, BEY, IVA, IVA, PEJE, PEJK, TEKS, TEKS, BARS, BARS, BARS, MDVR, MDVR, MDVR, PVY, PVY, PVY, GJK, ZAPS, UPM, UPM, UPM, UPM, FKSL, FKSL, FKSL, FRGS, FRGS, FRGS, NIKY, NIKY, NIKY, NKME, NKME, NKME, NKME, NKME, PDG, PDG, PDG, TTT, TTT, CEME, CEME, CEME, BRY, BRY, BRY, SKO, SKO, SKO, SKO, BZS, BZS, BZS, DRME, DRME, DRME, SRE, SRE, SRE, BUM, BUM, BUM, BUM, TREB, TREB, TREB, HCY, HCY, HCY, ULC, ULC, ULC, ULC, VTS, VTS, VTS, GZR, GZR, GZR, GZR, MPEP, MPEP, STON, STON, STON, STON, KRNUP, SIRR, SIRR, SIRR, OHR, OHR, OHR, OHR, BLY, BLY, VAY, VAY, PKSM, MOOR, VOIR, VOIR, RZN, RZN, CRES, CRES, NVLJ, NVLJ.

NIED 13 12:23:00, 34.00N; 141.10E, h44km, Mw3.8 Best double couple: M=5.41000x10^14 N1P1: s=346.000000, 864.000000, 725.000000, NP2: s=245.000000, 868.000000, 1, 152.000000, IDC 13 12:23:39.9, 1.3, 33.93N; 141.31E, h0km, mb3.9/6, mb1 4.0/8, mb1mx3.7/49, mbtmp3.9/8, ML3.6/2, Error ellipse: s-maj=29.5km s-min=17.3km az=67.0

JMA 13 12:23:45.7, 0.2, 33.98N; 141.11E, h57km, 3km, M3.7 ISC 13 12:23:45.6, 1.5, 33.93N; 0.04, 141.08E; 0.09, h33km, 9km, n21, c106/31, mb3.9/7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BSO1, BSO1, BSO1, BSO3, BSO3, BSO4, JHJ2, JHJ2, JHJ, JHJ, KTR, KTR, JIM2, JIM2, JKO, KJJK, KJJK, JIZS, JIZS, JOD2, JOD2, MJAR, MJAR, MJAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like MAKR Makrakomi, KALE Kalithea, VLS Valsamata, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like MAN 13 15:50:49.18, PIP Pasuquin, SIPP Brgy, Tapao, etc.

NEIC 13 15:50:31.2, 0.5, 9.15N, 125.61E, h10km, mb4.7/18, Error ellipse: s-maj=14.6km s-min=8.6km az=73.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like BUTP Butuan, SCPH Surigao, MSLP Maasin, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like DAV Davao City, DAV Davao City (W), KCP Kidapawan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like QIZ Qiongzong, LEM Lembang, SLVN Son La, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KMI comp=E,170nm,17.5s, FITZ Fitz Cross, CM01 Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like USRK Ussuriysk Arr, CTAO Charters Tower, H1S13 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KSH Kashi, KSH Kashi, KSH Kashi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ZAAO Zalesovo Beam, ZALV Zalesovo Beam, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ARCES ARCES Array B, INK Inuvik, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like MTVZ Mangateitei, KRHZ Kereru, VRZ Vera Road, etc.

ISCJB 13 16:02:19.3, 0.3, 0.13S, 0.04=124.18E, 0.03, h88km, mb4.2/26, Error ellipse: s-maj=6.1km s-min=4.5km az=177.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KMSI Cibinong, GTOI Gorontalo, LUWI Luwuk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like MMSI Manjui, KAPI Kappang, KAPI Kappang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KSIJ Sorong, KSM Kuching, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ZAAO Zalesovo Beam, ZALV Zalesovo Beam, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ARCES ARCES Array B, INK Inuvik, BRTR Keskin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ARCES ARCES Array B, INK Inuvik, BRTR Keskin Array B, etc.

ISCJB 13 16:03:07.1, 0.8, 2.92N, 126.47E, h0km, mb4.0/12, mb1.4/13, mb1mx3.9/52, mbtmp4.0/13, ML3.7/1, Error ellipse: s-maj=36.3km s-min=15.2km az=73.0

13d 16h

Table with columns for flight codes (PPT2, PPT1, etc.), destinations (eS, LQ, etc.), times (16 30 13.9, etc.), and status (-2.4, etc.).

2011 JAN

Table with columns for flight codes (GIRL, MIDW, etc.), destinations (Giralia, Midway, etc.), times (50.33 257, etc.), and status (P, P, etc.).

662

Table with columns for flight codes (VNDA, BOAC, etc.), destinations (Vanda, Boac, etc.), times (57.05 182, etc.), and status (P, P, etc.).

13d 16h

Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like Guiyang, Chengdu, Lanzhou, Kunming, etc.

2011 JAN

Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like Chengdu, Lanzhou, Kunming, etc.

664

Table with columns for station call letters, frequency, mode, and signal strength. Includes stations like Carmen Viney, Iron Peak, Figc Figueroa Mtn., etc.

13d 16h

2011 JAN

COLA COLA	comp=Z,840nm,4.8s	91.52	17d	iP	P	16 29 46.4	-1.7
COLA COLA	comp=Z,194nm,0.8s				MLR		
COLA COLA	comp=Z,57um,18.0s				MLR		
COLA COLA	comp=Z,276nm,0.9s	91.52	17	eP	P	16 29 47.3	-0.8
COLA COLA	comp=Z,84um,18.0s				LR		
TLY TLY	comp=Z,350nm,1.5s	91.53	326d	iP	P	16 29 48.7	+0.1
TLY TLY	comp=Z,1um,0.8s,SNR=69				eS	16 40 22.6	+2.1
TLY TLY	comp=Z,57um,18.0s,SNR=140				e	16 40 49.0	
TLY TLY	comp=Z,84um,18.0s,SNR=140				eP	16 42 03.7	+4.1
TLY TLY	comp=Z,350nm,1.5s				pms		
TLY TLY	comp=Z,1um,0.8s,SNR=69	91.53	326	P	P	16 29 49.7	+1.1
TLY TLY	comp=Z,57um,18.0s,SNR=140	91.53	326	P	P	16 29 49.2	+0.6
TLY TLY	comp=Z,84um,18.0s,SNR=140	91.53	326	eP	P	16 29 49.2	+0.6
TLY TLY	comp=Z,172nm,0.8s				LR		
TLY TLY	comp=Z,27um,18.0s				LR		
214A 214A	Organ Pipe Nat	91.54	56	P	P	16 29 50.2	+1.0
214A 214A	Organ Pipe Nat	91.54	56j	eP	P	16 29 49.8	+0.6
TAPN TAPN	Taplejung	91.59	299	eP	P	16 29 49.0	-0.8
TAPN TAPN	Taplejung	91.59	299	eP	PKKPdf	16 47 09.9	+2.2
SHPR SHPR	Sheep Range	91.60	52	eP	P	16 29 50.1	+0.7
PGC PGC	Sheep Sidney	91.65	38	eP	P	16 29 50.0	+0.9
PGC PGC	comp=Z,885nm,1.0s				LR		
ODAN ODAN	comp=Z,83um,19.0s				LR		
ODAN ODAN	comp=Z,2um,1.5s	91.67	298	eP	P	16 29 49.6	-0.5
ODAN ODAN	comp=Z,46nm,1.2s	91.67	298	eP	PKKPdf	16 47 11.3	+3.9
LON LON	Longmire	91.69	40	eP	P	16 29 49.9	+0.4
LON LON	comp=Z,670nm,1.4s				pmax		
LON LON	comp=Z,67um,18.0s				MLR		
LON LON	comp=Z,670nm,1.4s	91.69	40	eP	P	16 29 49.9	+0.4
LON LON	comp=Z,67um,18.0s				LR		
G06A G06A	Carlson Farm	91.70	42	eP	P	16 29 50.0	+0.4
DOT DOT	Dot Lake	91.71	19	eP	P	16 29 48.3	-0.8
DOT DOT	comp=Z,254nm,0.9s				LR		
WVOR WVOR	Wild Horse Val	91.71	45	eP	P	16 29 48.8	-1.0
WVOR WVOR	comp=Z,1um,1.2s				pmax		
WVOR WVOR	comp=Z,85um,19.0s				MLR		
WVOR WVOR	Wild Horse Val	91.71	45	eP	P	16 29 48.8	-1.0
WVOR WVOR	comp=Z,1um,1.2s				LR		
IL1 IL1	Eielson Array	91.71	17	eP	P	16 29 46.1	-3.0
ILAR ILAR	Eielson Array	91.71	17	eP	P	16 29 48.6	-0.5
ILAR ILAR	comp=Z,83nm,0.9s,baz=236,slow=4.6,SNR=112				PKKPPK	16 47 09.2	+0.5
ILAR ILAR	comp=Z,5.7nm,1.1s,baz=3.3,slow=2.6,SNR=5.0				PKKPPK	16 47 09.2	+0.5
ILAR ILAR	comp=Z,2.0nm,1.0s,baz=341,slow=2.7,SNR=6.5				P	16 55 13.9	-0.2
ILAR ILAR	comp=Z,84um,18.0s,baz=240,slow=35				P	17 10 54.2	
ILB ILB	Eielson Array	91.71	17	eP	P	16 29 47.5	-1.5
BMN BMN	Battle Moutain	91.79	47	eP	P	16 29 51.0	+0.7
BMN BMN	comp=Z,436nm,0.9s				MLR		
BMN BMN	comp=Z,39um,18.0s				MLR		
BMN BMN	Battle Moutain	91.79	47	eP	P	16 29 51.0	+0.7
BMN BMN	comp=Z,436nm,0.9s				LR		
BOK BOK	Bokaro	91.80	295	eP	P	16 29 50.8	+0.3
BOK BOK	comp=Z,36um,39.4s				IAMs_20	17 04 52.2	
VIS VIS	Vishakhapatnam	91.83	288	eP	P	16 29 48.8	-1.9
HSIG HSIG	comp=Z,36um,39.4s	91.89	60	eP	P	16 29 51.0	+0.2
SKAG SKAG	Skagway	91.94	25	eP	P	16 29 50.5	+0.3
SKAG SKAG	comp=Z,74um,18.0s				LR		
R11A R11A	Troy Canyon, C	92.05	50	P	P	16 29 51.9	+0.3
R11A R11A	Troy Canyon, C	92.05	50	eP	P	16 29 51.8	+0.3
R11A R11A	comp=Z,195nm,1.1s				LR		
A04D A04D	Lummi Island	92.11	38	P	P	16 29 52.4	+1.1
CRZF CRZF	Crozet Islands	92.22	218	PF	LR	16 30 00.0	+7.9
J08A J08A	Circle Bar Ram	92.23	44	eP	P	16 29 52.6	+0.5
J08A J08A	comp=Z,599nm,0.8s				LR		
B05A B05A	Bryant	92.25	39	P	P	16 29 52.6	+0.7
RAMN RAMN	Ramite	92.36	298	eP	P	16 29 52.5	-0.8
RAMN RAMN	comp=Z,1um,1.6s				PKKPdf	16 47 09.5	+3.3
LTY LTY	Liberty	92.62	40	eP	P	16 29 54.0	+0.2
LTY LTY	comp=Z,84nm,1.2s				LR		
LTY LTY	comp=Z,350nm,1.0s				LR		
B06A B06A	Marblemount	92.73	39	eP	P	16 29 54.4	+0.3
B06A B06A	comp=Z,190nm,0.9s				LR		
COLD COLD	Coldfoot	92.75	15	eP	P	16 29 54.2	+0.4
COLD COLD	comp=Z,162nm,1.0s				LR		
ICU ICU	Indian Springs	92.77	51	eP	P	16 29 55.7	+0.8
G08A G08A	Pilot Rock	92.78	42	eP	P	16 29 55.0	+0.4
E07A E07A	Sunnyside	92.79	41	eP	P	16 29 55.2	+0.7
C06D C06D	Leavenworth	92.80	39	P	P	16 29 54.7	+0.2
RSW RSW	Rattlesnake Hi	92.88	41	eP	P	16 29 56.0	+0.9
HAWA HAWA	Hanford	92.92	41	eP	P	16 29 55.8	+0.7
HAWA HAWA	comp=Z,539nm,1.2s				LR		
MOY MOY	Mundy	92.94	325	eP	P	16 29 55.5	+0.3
MOY MOY	comp=Z,90um,19.0s				pmax		
JIRN JIRN	Jiri	92.96	298	eP	P	16 29 55.6	-0.6
JIRN JIRN	comp=Z,105nm,1.4s				PKKPdf	16 47 06.2	+0.9
JIRN JIRN	comp=Z,9.5nm,1.1s				PKKPdf	16 47 06.2	+0.9
ETW ETW	Entiat	92.98	40	eP	P	16 29 55.9	+0.3
MDRS MDRS	Chennai	92.99	283	eP	P	16 29 54.9	-1.2
MDRS MDRS	comp=Z,27um,30.0s				IAMs_20	17 02 27.1	
DGAR DGAR	Diego Garcia	93.12	261	eP	P	16 29 55.7	-1.1
DGAR DGAR	comp=Z,72um,18.0s				LR		
PVM PVM	Polavaram	93.19	287	eP	P	16 29 56.1	-0.9
PVM PVM	comp=Z,158nm,1.1s				IAMB	16 30 03.9	
PVM PVM	comp=Z,1um,3.3s				ePP	16 33 36.4	-4.3
PVM PVM	comp=Z,1um,3.3s				eSKSac	16 40 29.5	-1.7
PVM PVM	comp=Z,1um,3.3s				eSS	16 47 16.4	-3.4
PVM PVM	comp=Z,1um,32.4s				IVMs_BB	17 04 59.9	

TUC TUC	Tucson	93.26	57	eP	P	16 29 58.0	+0.8
TUC TUC	comp=Z,584nm,1.2s				pmax		
TUC TUC	comp=Z,54um,18.0s	93.26	57	P	MLR	16 29 58.2	+1.0
TUC TUC	comp=Z,584nm,1.2s	93.26	57	eP	P	16 29 58.0	+0.8
TUC TUC	comp=Z,54um,18.0s				LR		
ELK ELK	Elko	93.29	48	P	P	16 29 56.2	-1.1
ELK ELK	comp=Z,119nm,1.0s,baz=62,slow=0.1,SNR=67	93.29	48	eP	P	16 29 57.7	+0.4
ELK ELK	comp=Z,128nm,1.0s				pmax		
ELK ELK	comp=Z,128nm,1.0s	93.29	48	eP	P	16 29 57.6	+0.4
GUN GUN	Gumbaz	93.31	298	eP	P	16 29 57.0	-0.8
CCUT CCUT	Cedar City	93.33	51	eP	P	16 29 58.4	+0.8
EGAK EGAK	Eagle	93.41	19	eP	P	16 29 56.3	-0.6
EGAK EGAK	comp=Z,460nm,1.4s				LR		
DAWY DAWY	Dawson	93.48	20	eP	P	16 29 56.7	-0.7
DLBC DLBC	Dease Lake	93.53	28	eP	P	16 29 58.0	+0.2
DLBC DLBC	comp=Z,577nm,1.4s				LR		
PKIN PKIN	Phulchoki	93.58	298	eP	P	16 29 57.9	-1.1
PKIN PKIN	comp=Z,867nm,1.4s				PKKPdf	16 47 05.0	+0.9
D08A D08A	Wollman Farm	93.59	41	eP	P	16 29 58.7	+0.5
D08A D08A	comp=Z,159nm,0.9s				LR		
KKN KKN	Kakani	93.75	298	eP	P	16 29 58.8	-0.9
KKN KKN	comp=Z,460nm,1.0s				PKKPdf	16 47 04.9	+1.2
DMN DMN	Daman	93.83	298	eP	P	16 29 59.5	-0.6
DMN DMN	comp=Z,29nm,0.8s				LR		
DMN DMN	Daman	93.83	298	eP	PKKPdf	16 47 03.8	+0.2
B06A B06A	Colville Reser	93.92	40	eP	P	16 29 59.4	-0.3
MFID MFID	Camas Ranch	94.00	45	eP	P	16 30 05.2	+0.2
MFID MFID	comp=Z,188nm,0.9s				ePKKPdf	16 47 06.0	+1.8
WUAZ WUAZ	Wupatki	94.02	54	P	P	16 30 01.5	+0.8
WUAZ WUAZ	comp=Z,114um,19.0s				LR		
WUAZ WUAZ	Wupatki	94.02	54	eP	P	16 30 01.3	+0.6
F10A F10A	Beach Ranch, E	94.17	42	eP	P	16 30 00.7	-0.3
F10A F10A	comp=Z,920nm,1.8s				LR		
FSU FSU	Fish Springs	94.17	49	eP	P	16 30 01.6	+0.4
PNT PNT	Penitont	94.19	39	eP	P	16 30 01.8	+0.7
ADKI ADKI	Addanki	94.20	285	eP	P	16 30 01.8	+0.2
ADKI ADKI	comp=Z,365nm,1.4s				IAMB	16 30 16.0	
ADKI ADKI	comp=Z,114um,19.0s				eSKSac	16 33 48.6	+1.0
ADKI ADKI	comp=Z,114um,19.0s				eSS	16 40 35.8	-1.0
ADKI ADKI	comp=Z,114um,19.0s				SS	16 41 12.4	
ADKI ADKI	comp=Z,114um,19.0s				IVMs_BB	17 04 14.4	
GKN TRD	Trivandrum	94.36	298	eP	P	16 30 01.6	-0.8
TRD TRD	comp=Z,24um,18.0s	94.46	277j	eP	P	16 30 00.6	-2.3
TRD TRD	comp=Z,24um,18.0s				e	16 30 02.2	-0.8
MSU MSU	Marysville	94.57	51	eP	P	16 30 04.2	+1.0
DUG DUG	Dugway, Tooele	94.77	49	eP	P	16 30 04.2	+1.0
DUG DUG	comp=Z,144nm,1.0s				pmax	16 30 04.0	0.0
DUG DUG	comp=Z,91um,19.0s				MLR		
DUG DUG	comp=Z,91um,19.0s	94.77	49	P	P	16 30 04.1	+0.2
DUG DUG	comp=Z,91um,19.0s	94.77	49	eP	P	16 30 04.0	0.0
WCU WCU	Willow Creek	94.81	50	eP	P	16 30 05.2	+0.8
BGU BGU	Big Grassy Mou	94.90	48	eP	P	16 30 04.7	+0.1
BGU BGU	comp=Z,70nm,0.9s				LR		
FLU FLU	Fool Peak	94.91	50	eP	P	16 30 05.2	

MNTX	Cornudas Mount	97.34	59	P	Pdif	16 30 16.0 +0.2
MNTX	Cornudas Mount	97.34	59	eP	Pdif	16 30 16.3 +0.5
MNTX	comp-Z,49um,19.0s			LR	LR	
SNOW	Snow King Mount	97.42	46	eP	Pdif	16 30 16.4 +0.2
SNOW	comp-Z,178nm,1.1s			LR	LR	
QLMT	Earthquake Lak	97.46	45	eP	Pdif	16 30 16.8 +0.5
WALA	Waterton Lakes	97.48	40	eP	Pdif	16 30 16.4 +0.3
WALA	comp-Z,90um,18.0s			LR	LR	
LCCM	Lewis and Clar	97.54	44	eP	P	16 30 16.4 0.0
LOHW	Long Hollow	97.57	46	eP	P	16 30 17.7 -0.1
LOHW	comp-Z,49nm,0.8s			LR	LR	
ANMO	Albuquerque	97.58	56	eP	P	16 30 16.6 -0.3
ANMO	comp-Z,61nm,1.1s			PMAX	PMAX	
ANMO	comp-Z,47um,17.0s			MLR	MLR	
ANMO	Albuquerque	97.58	56	P	P	16 30 17.0 0.0
ANMO	comp-Z,36um,18.0s			LR	LR	
ANMO	Albuquerque	97.58	56	eP	P	16 30 16.9 0.0
ANMO	comp-Z,130nm,1.5s			LR	LR	
ANMO	comp-Z,35um,18.0s			LR	LR	
BOZ	Bozeman (W)	97.63	44	eP	PMAX	16 30 16.9 0.0
BOZ	comp-Z,176nm,1.4s			MLR	MLR	
BOZ	comp-Z,139um,19.0s			MLR	MLR	
BOZ	Bozeman (W)	97.63	44	P	P	16 30 16.6 -0.3
BOZ	comp-Z,248,SNR=41			LR	LR	
BOZ	Bozeman (W)	97.63	44	eP	P	16 30 16.9 0.0
BOZ	comp-Z,176nm,1.4s			LR	LR	
BOZ	comp-Z,139um,19.0s			LR	LR	
FLWY	Flagg Ranch	97.68	46	PFAKE	LR	16 30 30.0 +13
FLWY	comp-Z,50um,22.0s			LR	LR	
WMQ	Urumqi	97.70	314	iP	PP	16 30 17.0 -0.1
WMQ	comp-Z,8um,8.0s			LR	LR	
WMQ	comp-Z,30um,20.0s			LR	LR	
WMQ	comp-Z,33um,20.0s			LR	LR	
WMQ	comp-Z,39um,20.0s			LR	LR	
YMR	Madison River	97.71	45	eP	Pdif	16 30 18.5 +1.1
YMR	comp-Z,138nm,1.0s			LR	LR	
YFT	Old Faithful	97.72	45	eP	Pdif	16 30 19.3 +1.8
YFT	comp-Z,136nm,1.2s			LR	LR	
H17A	Grant Village	97.87	46	P	Pdif	16 30 19.6 +1.4
H17A	comp-Z,20nm,0.8s			LR	LR	
H17A	Grant Village	97.87	46	eP	Pdif	16 30 19.3 +1.1
H17A	comp-Z,20nm,0.8s			LR	LR	
HRV	Holter Researc	97.89	43	eP	P	16 30 17.9 -0.1
HRV	comp-Z,263nm,1.4s			LR	LR	
YNR	Norris Junctio	97.92	45	eP	Pdif	16 30 20.6 +2.2
YNR	comp-Z,98nm,1.2s			LR	LR	
PLCA	Paso Flores	97.92	139	P	Pdif	16 30 18.5 +0.1
PLCA	comp-Z,47nm,1.3s,baz=269,slow=6.1,SNR=11			LR	LR	
PLCA	comp-Z,20nm,1.0s,baz=68,slow=2.4,SNR=11			LR	LR	
PLCA	comp-Z,11um,21.3s,baz=258,slow=30			LR	LR	
PLCA	Paso Flores	97.92	139	P	Pdif	16 30 18.6 +0.2
PLCA	comp-Z,98,SNR=12			LR	LR	
PLCA	Paso Flores	97.92	139	eP	Pdif	16 30 19.0 +0.6
PLCA	comp-Z,179nm,1.6s			LR	LR	
TX31	Lajitas Ar. Si	97.95	62	eP	PKKPbc	16 46 53.0 +0.1
TX31	comp-Z,46nm,1.1s,baz=234,slow=4.2,SNR=37			LR	LR	
TXAR	Lajitas Array	97.95	62	eP	PKKPbc	16 46 53.2 +0.3
TXAR	comp-Z,5.5nm,1.0s,baz=111,slow=3.1,SNR=8.6			LR	LR	
TXAR	comp-Z,96um,18.0s,baz=0.0,slow=32			LR	LR	
KLRI	Killari	97.98	286	eP	IAMB	16 30 17.9 -1.0
KLRI	comp-Z,490nm,1.9s			IAMB	IAMB	16 30 19.7
KLRI	comp-Z,18um,45.6s			ePP	PP	16 34 16.1 -1.9
KLRI	comp-Z,23um,45.6s			eSSKsac	SSKsac	16 40 54.6 -2.1
KLRI	comp-Z,23um,45.6s			eSS	SS	16 48 27.7 -0.2
KLRI	comp-Z,23um,45.6s			IVMS_BB	IVMS_BB	17 05 54.9
BW06	Boulder Array	97.99	47	P	P	16 30 18.1 -0.5
BW06	comp-Z,50um,18.0s			LR	LR	
BW06	Boulder Array	97.99	47	eP	P	16 30 17.0 -1.7
BW06	comp-Z,50um,18.0s			LR	LR	
PD31	Pinedale Array	97.99	47	eP	P	16 30 18.3 -0.4
PDAR	Pinedale Array	97.99	47	eP	P	16 30 18.3 -0.4
PDAR	comp-Z,121nm,1.3s,baz=209,slow=7.2,SNR=68			PP	PP	16 34 17.6 -0.2
PDAR	comp-Z,15nm,1.0s,baz=228,slow=4.7,SNR=5.3			LR	LR	
PDAR	comp-Z,34um,18.1s,baz=274,slow=34			LR	LR	
O20A	White River Ci	98.00	50	P	Pdif	16 30 18.8 0.0
O20A	comp-Z,201nm,1.3s			LR	LR	
O20A	White River Ci	98.00	50	eP	Pdif	16 30 19.3 +0.5
O20A	comp-Z,80um,20.0s			LR	LR	
INK	Inuvik	98.03	19	P	P	16 30 16.9 -0.9
INK	comp-Z,67nm,1.0s,baz=223,slow=5.1,SNR=56			PKKPbc	PKKPbc	16 46 54.5 +0.6
INK	comp-Z,3.3nm,0.8s,baz=45,slow=2.9,SNR=4.9			PKPPK	PKPPK	16 55 02.2 -0.2
INK	comp-Z,4.1nm,1.2s,baz=140,slow=3.0,SNR=3.4			LR	LR	17 14 31.1
LKWY	Lake	98.05	45	eP	Pdif	16 30 20.3 +1.3
LKWY	comp-Z,86nm,1.0s			PMAX	PMAX	
LKWY	Lake	98.05	45	eP	Pdif	16 30 20.3 +1.3
LKWY	comp-Z,86nm,1.0s			LR	LR	
S22A	4UR Ranch, Cre	98.23	53	Pdif	Pdif	16 30 20.4 +0.4
S22A	comp-Z,75nm,1.1s			LR	LR	
S22A	4UR Ranch, Cre	98.23	53	eP	Pdif	16 30 20.2 +0.2
S22A	comp-Z,71um,18.0s			LR	LR	
TLIG	Tipapa	98.59	74	eP	PP	16 30 22.5 +0.8
TLIG	comp-Z,201nm,1.3s			ePP	PP	16 34 24.0 +1.2
TLIG	comp-Z,80um,20.0s			LR	LR	
SMCO	Snowmass	98.60	51	eP	Pdif	16 30 22.1 +0.4
SMCO	comp-Z,69nm,1.0s			ePKKPbc	PKKPbc	16 46 53.7 -1.9
SMCO	comp-Z,40um,18.0s			LR	LR	
UNM	Univ. of New Mex	98.61	73	PFAKE	LR	16 30 30.0 +8.0
UNM	comp-Z,148um,18.0s			LR	LR	
CLNB	Carlsbad	98.73	59	eP	P	16 30 22.0 -0.1
BHPL	Bhopal	98.90	291	eP	IAMS_20	16 30 22.1 -0.8
BHPL	comp-Z,3.6nm,0.7s			IAMS_20	IAMS_20	17 07 10.9
CGMT	Greycliff	98.97	45	eP	Pdif	16 30 23.1 +0.3
CPRX	Cap Rock	98.98	58	eP	Pdif	16 30 23.4 +0.1
CPRX	comp-Z,14nm,0.9s			LR	LR	
RLMT	Red Lodge	99.00	45	eP	Pdif	16 30 23.5 +0.4
RLMT	comp-Z,250			LR	LR	
RLMT	Red Lodge	99.00	45	eP	Pdif	16 30 23.8 +0.7
RLMT	comp-Z,74nm,1.0s			LR	LR	

RLMT	comp-Z,122um,18.0s			LR	LR	
KRAR	Krasnoyarsk	99.19	327	iP	MLR	16 30 23.3 0.0
KRAR	comp-Z,20um,19.0s			MLR	MLR	
SDCO	Great Sand Dun	99.23	53	Pdif	Pdif	16 30 24.3 -0.1
SDCO	comp-Z,20um,19.0s			LR	LR	
SDCO	Great Sand Dun	99.23	53	eP	Pdif	16 30 24.5 +0.1
SDCO	comp-Z,59nm,1.3s			LR	LR	
GOA	Goa	99.66	283	eP	IAMS_20	16 30 24.6 -1.8
GOA	comp-Z,89um,47.9s			IAMS_20	IAMS_20	17 05 15.1
EGMT	Eagleton	99.68	42	Pdif	Pdif	16 30 25.8 -0.1
EGMT	comp-Z,250			LR	LR	
EGMT	Eagleton	99.68	42	ePdif	Pdif	16 30 26.2 +0.3
EGMT	comp-Z,70nm,0.9s			LR	LR	
ISCO	Idaho Springs	99.80	51	eP	Pdif	16 30 31.5 +4.6
ISCO	comp-Z,62um,19.0s			PMAX	PMAX	
ISCO	Idaho Springs	99.80	51	eP	PMAX	16 30 31.5 +4.6
ISCO	comp-Z,26nm,0.8s			MLR	MLR	
ISCO	Idaho Springs	99.80	51	Pdif	Pdif	16 30 27.7 +0.8
ISCO	comp-Z,36um,19.0s			LR	LR	
ISCO	Idaho Springs	99.80	51	ePdif	Pdif	16 30 31.5 +4.6
ISCO	comp-Z,26nm,0.8s			LR	LR	
ISCO	Idaho Springs	99.80	51	Pdif	Pdif	16 30 27.0 -0.2
T25A	Trinidad	99.86	54	Pdif	Pdif	16 30 27.2 +0.1
T25A	comp-Z,33nm,1.1s			ePKKPdf	PKKPdf	16 46 52.2 -0.8
T25A	Divide	99.88	52	Pdif	Pdif	16 30 25.8 -1.5
T25A	comp-Z,36um,20.0s			LR	LR	
Q24A	Divide	99.88	52	PFAKE	LR	16 30 40.0 +13
Q24A	comp-Z,38um,18.0s			LR	LR	
N23A	Red Feather La	99.91	50	Pdif	Pdif	16 30 26.4 -1.0
N23A	comp-Z,251			LR	LR	
N23A	Red Feather La	99.91	50	ePdif	Pdif	16 30 28.1 +0.7
N23A	comp-Z,82nm,1.0s			LR	LR	
K22A	Casper	100.06	48	Pdif	Pdif	16 30 27.4 -0.4
K22A	comp-Z,85um,20.0s			LR	LR	
K22A	Casper	100.06	48	PFAKE	LR	16 30 40.0 +12
K22A	comp-Z,60um,18.0s			LR	LR	
530A	J-C Ranch, Com	100.13	62	Pdif	Pdif	16 30 28.0 -0.3
530A	comp-Z,252			LR	LR	
MSTX	Muleshoe	100.14	58	Pdif	Pdif	16 30 28.0 -0.4
MSTX	comp-Z,252			LR	LR	
MSTX	Muleshoe	100.14	58	ePdif	Pdif	16 30 28.1 -0.2
MSTX	comp-Z,70um,18.0s			LR	LR	
PAYG	Puerto Ayora	100.18	95	PFAKE	LR	16 30 40.0 +11
PAYG	comp-Z,31um,18.0s			LR	LR	
PHWY	Pilot Hill	100.39	50	ePdif	Pdif	16 30 29.8 +0.4
PHWY	comp-Z,95um,19.0s			ePP	PP	16 34 36.1 -0.1
PHWY	Pilot Hill	100.39	50	ePdif	Pdif	16 30 29.8 +0.4
PHWY	comp-Z,95um,19.0s			LR	LR	
631A	Perdido Creek	100.54	63	Pdif	Pdif	16 30 29.7 -0.4
631A	comp-Z,21um,24.1s			LR	LR	
DDI	Dehra Dun	100.56	298	eP	IAMS_20	16 30 29.0 -1.2
DDI	comp-Z,500nm,1.0s			IAMS_20	IAMS_20	17 11 04.6
POO	Poona	100.60	286	iP	Pdif	16 30 29.0 -1.6
POO	comp-Z,250nm,1.0s			eP	PP	16 30 30.3 -5.3
POO	comp-Z,250nm,1.0s			iPP	PP	16 34 37.0 -1.0
POO	comp-Z,250nm,1.0s			iPS	SS	16 43 36.0 -3.2
POO	comp-Z,250nm,1.0s			iSS	SS	16 49 02.0 -2.6
POO	comp-Z,250nm,1.0s			IAMS_20	IAMS_20	17 06 51.0
330A	Mertzon	100.65	60	Pdif	Pdif	16 30 29.4 -1.2
330A	comp-Z,252			LR	LR	
832A	Faith Ranch, C	100.70	64	Pdif	Pdif	16 30 29.7 -1.1
832A	comp-Z,252			LR	LR	
NDI	New Delhi	100.76	297	eP	Pdif	16 30 29.5 -1.6
531A	Rocksprings	100.79	62	Pdif	Pdif	16 30 31.3 +0.1
531A	comp-Z,252			LR	LR	
732A	Laxson Ranch,	100.84	63	Pdif	Pdif	16 30 31.5 +0.1
732A	comp-Z,252			LR	LR	
230A	Sterling City	100.84	60	Pdif	Pdif	16 30 30.4 -1.0
230A	comp-Z,252			LR	LR	
431A	Sonora	100.89	61	Pdif	Pdif	16 30 30.8 -0.9
431A	comp-Z,252			LR	LR	
933A	Laredo	101.09	65	Pdif	Pdif	16 30 32.2 -0.3
933A	comp-Z,252			LR	LR	
ZSN	Zaisan	101.10	317	iP	Pdif	16 30 41.0 +8.8
ZSN	comp-Z,8um,6.1s			iPP	PKIKP	16 34 51.3 -5.8
ZSN	comp-Z,10um,5.7s			iSdif	Sdif	16 42 22.7 +1.2
ZSN	comp-Z,5um,8.4s			iPS	PS	16 43 47.2 +3.6
130A	Snyder	101.17	59	Pdif	Pdif	16 30 32.6 -0.2
130A	comp-Z,7um,8.9s			LR	LR	
833A	Chaparral WMA,	101.20	64	Pdif	Pdif	16 30 32.8 -0.2
833A	comp-Z,253			LR	LR	
632A	Uvalde	101.22	63	Pdif	Pdif	16 30 32.6 -0.6
632A	comp-Z,253			LR	LR	
331A	San Angelo	101.23	61	Pdif	Pdif	16 30 31.6 -1.5
331A	comp-Z,253			LR	LR	
Z30A	Sanderson Ranc	101.25	59	Pdif	Pdif	16 30 32.2 -1.0
Z30A						

F25A	baz=254 Bowman	103.13	46	Pdiff	Pdif	16 30 41.4 +0.1	H28A	comp=Z,34um,18.0s Mission Ridge	104.46	47	Pdiff	Pdif	16 30 44.7 -2.5
Z39A	baz=254 Whitaker Ranch	103.14	59	Pdiff	Pdif	16 30 41.1 -0.5	M29A	baz=255 Lazy Trails An	104.47	50	Pdiff	Pdif	16 30 45.8 -1.5
232A	baz=254 Atwood	103.19	53	Pdiff	Pdif	16 30 41.3 -0.5	M30A	baz=255 Dale-Ortello V	104.48	51	Pdiff	Pdif	16 30 46.6 -0.8
535A	baz=254 Dale	103.22	63	Pdiff	Pdif	16 30 41.8 -0.2	LCO	baz=255 Las Campanas	104.50	129	ePdif ePP ePKK(Pbc LR	Pdif PP PKK(Pbc LR	16 30 52.8 +4.7 16 35 07.5 +0.9 16 46 33.2 -0.7
H26A	baz=254 Fairpoint	103.24	47	Pdiff	Pdif	16 30 41.6 -0.2	U33A	comp=Z,23um,18.0s Lingo Farm, Me	104.50	56	Pdiff	Pdif	16 30 46.7 -0.9
W32A	baz=254 Sentinel	103.26	57	Pdiff	Pdif	16 30 41.9 -0.2	U33A	baz=255 Turgen	104.50	311	iPdif iPP LRM	Pdif PP MLR	16 30 47.9 +0.3 16 35 05.4 -1.5 17 22 33.0
234A	baz=254 Clairette	103.30	61	Pdiff	Pdif	16 30 42.4 +0.1	738A	comp=Z,7um,18.4s Farr-Stevens R	104.50	64	Pdiff	Pdif	16 30 47.4 -0.3
R30A	baz=254 Dighton	103.33	54	Pdiff	Pdif	16 30 42.7 +0.4	O31A	baz=255 Woolen Ranch,	104.53	52	Pdiff	Pdif	16 30 47.6 0.0
E25A	baz=254 Miller Ranch,	103.33	45	Pdiff	Pdif	16 30 42.5 +0.4	E27A	baz=255 Carson	104.53	46	Pdiff	Pdif	16 30 46.9 -0.6
736A	baz=254 Circle Diamond	103.34	64	Pdiff	Pdif	16 30 42.3 -0.2	C26A	baz=255 Wahner Farm, P	104.54	44	Pdiff	Pdif	16 30 46.1 -1.3
DGMT	baz=254 Dagmar	103.35	43	ePdif LR	Pdif	16 30 42.2 +0.1	R32A	baz=255 Long Quarter,	104.55	54	Pdiff	Pdif	16 30 46.9 -0.8
DGMT	baz=254 Dagmar	103.35	43	ePdif LR	Pdif	16 30 44.1 +2.0	O31A	comp=Z,2um,5.9s Semipalatinsk	104.56	319	ePdif iPP	Pdif PKIKP	16 30 44.9 -2.5 16 35 02.1 -1.2
M27A	comp=Z,59um,18.0s Bar X Bar Ranch	103.36	51	Pdiff	Pdif	16 30 42.0 -0.4	SEM	comp=Z,5um,5.2s SEM			iPS	PS	16 44 11.5 -8.5
J27A	baz=254 Elkhorn Farm,	103.40	49	Pdiff	Pdif	16 30 42.8 +0.2	SEM	comp=Z,3um,7.5s SEM			iSS	SS	16 49 48.1 -10
L28A	baz=254 Connely Angus	103.41	50	Pdiff	Pdif	16 30 42.5 -0.2	Y33A	comp=Z,4um,11.4s Ennis			LRM	MLR	17 18 32.0
435B	baz=254 Jarrell	103.42	62	Pdiff	Pdif	16 30 43.0 +0.2	T33A	comp=Z,7um,17.9s Patterson Ranc	104.56	56	Pdiff	Pdif	16 30 46.9 -0.8
O29A	baz=254 4D Ranch, Culb	103.43	52	Pdiff	Pdif	16 30 43.2 +0.4	B26A	baz=255 Jensen Ranch,	104.58	44	Pdiff	Pdif	16 30 47.1 -0.5
Y33A	baz=254 Hilltop Ranch,	103.45	59	Pdiff	Pdif	16 30 43.0 +0.1	236A	baz=255 Katherine and	104.61	61	Pdiff	Pdif	16 30 46.4 -1.7
T31A	baz=254 Randall Ranch,	103.46	55	Pdiff	Pdif	16 30 43.6 +0.6	437A	baz=255 Phantom Ranch,	104.63	62	Pdiff	Pdif	16 30 45.7 -2.5
636A	baz=254 Smothers Creek	103.50	63	Pdiff	Pdif	16 30 43.5 +0.3	J29A	baz=255 Okreek	104.63	49	Pdiff	Pdif	16 30 46.1 -1.8
134A	baz=254 White-Moore Ra	103.50	60	Pdiff	Pdif	16 30 43.4 +0.3	G28A	baz=256 Parade	104.63	47	Pdiff	Pdif	16 30 46.5 -1.4
WMOK	baz=254 Wichita Mounta	103.53	58	PFAKE LR	LR	16 30 50.0 +6.7	HKT	baz=256 Hockley	104.65	63	PFAKE LR	LR	16 31 00.0 +12
G26A	comp=Z,41um,18.0s Maurine	103.54	47	Pdiff	Pdif	16 30 44.0 +0.8	L30A	comp=Z,89um,18.0s Spencer Herefo	104.69	50	Pdiff	Pdif	16 30 46.8 -1.5
Q30A	baz=254 Quinter	103.56	53	Pdiff	Pdif	16 30 43.2 -0.1	Y35A	baz=255 Marietta	104.70	59	Pdiff	Pdif	16 30 47.5 -0.9
D25A	baz=254 Fairfield	103.56	45	Pdiff	Pdif	16 30 42.9 -0.2	D27A	baz=256 Center	104.73	45	Pdiff	Pdif	16 30 46.2 -2.1
V32A	baz=254 Arapaho	103.58	57	Pdiff	Pdif	16 30 43.2 -0.3	136A	baz=256 Ennis	104.74	61	Pdiff	Pdif	16 30 46.7 -2.0
I27A	baz=254 Quinn	103.59	48	Pdiff	Pdif	16 30 42.5 -0.8	TRQA	comp=Z,8um,11.2s Torquist	104.77	141	ePdif ePK(Pbc PKK(Pbc	Pdif PKIKP PKK(Pbc	16 30 47.4 -1.5 16 35 04.8 +0.6 16 46 33.5 +0.5
F26A	baz=254 Lodgepole	103.64	46	Pdiff	Pdif	16 30 43.0 -0.9	I29A	baz=256 Vivian Onida	104.80	48	Pdiff	Pdif	16 30 46.8 -1.9
536A	baz=254 Bastrop	103.65	63	Pdiff	Pdif	16 30 43.0 -0.9	Q32A	baz=256 Meitler Ranch,	104.81	54	Pdiff	Pdif	16 30 48.0 -0.8
335A	baz=254 Moody	103.68	62	Pdiff	Pdif	16 30 43.5 -0.5	V34A	baz=255 Guthrie	104.81	57	Pdiff	Pdif	16 30 47.3 -1.6
P30A	baz=254 Selden	103.69	53	Pdiff	Pdif	16 30 42.8 -1.1	V34A	baz=255 Guthrie	104.81	57	PFAKE LR	LR	16 31 00.0 +11
X33A	baz=254 Lawton	103.70	58	Pdiff	Pdif	16 30 43.1 -0.9	A26A	comp=Z,62um,18.0s Wade Farm, Ken	104.84	43	Pdiff	Pdif	16 30 48.2 -0.5
K28A	baz=254 Ten Mile Ranch	103.71	49	Pdiff	Pdif	16 30 43.8 -0.1	X35A	baz=255 Drake	104.88	59	Pdiff	Pdif	16 30 46.4 -2.9
H27A	baz=255 Howes	103.72	47	Pdiff	Pdif	16 30 43.0 -0.9	S33A	baz=255 Kaszmual Farm,	104.88	55	Pdiff	Pdif	16 30 46.4 -2.8
N29A	baz=255 Votaw Ranch, W	103.74	51	Pdiff	Pdif	16 30 43.6 -0.6	MDOK	comp=Z,6um,10.4s Medeo	104.88	311	iPdif iPP iPS	Pdif PP PS	16 30 48.9 -0.4 16 35 08.1 -1.7 16 44 18.1 -5.9
C25A	baz=255 Freed Ranch, W	103.75	44	Pdiff	Pdif	16 30 42.7 -1.3	MDOK	comp=Z,3um,17.0s MDOK			iSS	SS	16 50 04.7 +1.6
S31A	baz=254 Mullinville	103.75	55	Pdiff	Pdif	16 30 43.5 -0.7	MDOK	LR	LR	LR	LR	17 19 43.8 17 23 03.0	
U32A	baz=254 Winter Ranch,	103.79	56	Pdiff	Pdif	16 30 44.0 -0.4	C27A	comp=Z,11um,18.7s Saylor Ranch,	104.89	44	Pdiff	Pdif	16 30 48.2 -0.8
737A	baz=254 Port Lavaca	103.81	64	Pdiff	Pdif	16 30 43.8 -0.8	F28A	baz=256 McLaughlin	104.91	46	Pdiff	Pdif	16 30 49.0 -0.1
Z34A	baz=254 Collier Ranch,	103.85	59	Pdiff	Pdif	16 30 44.2 -0.5	P32A	baz=256 Hulting Farm,	104.94	53	Pdiff	Pdif	16 30 49.5 +0.1
WHTX	baz=254 Lake Whitney,	103.85	61	Pdiff	Pdif	16 30 44.4 -0.4	K30A	baz=256 Basset	104.95	50	Pdiff	Pdif	16 30 49.5 +0.1
WHTX	baz=254 Lake Whitney,	103.85	61	ePdif ePKK(Pbc LR	Pdif PKK(Pbc LR	16 30 49.5 +4.8 16 46 38.1 +2.4	U34A	baz=256 Anderson Ranch	104.95	56	Pdiff	Pdif	16 30 48.3 -1.2
M29A	comp=Z,126um,18.0s Burnside Ranch	103.86	51	Pdiff	Pdif	16 30 43.2 -1.4	U34A	baz=256 Anderson Ranch	104.95	56	PFAKE LR	LR	16 35 20.0
CBKS	baz=255 Cedar Bluff	103.88	54	eP MLR	Pdif MLR	16 30 47.5 +2.8	337A	comp=Z,54um,18.0s Centerville	104.96	62	Pdiff	Pdif	16 30 48.0 -1.7
CBKS	comp=Z,44um,19.0s Cedar Bluff	103.88	54	Pdiff	Pdif	16 30 44.3 -0.5	N31A	baz=255 Bailey Ranch,	104.97	52	Pdiff	Pdif	16 30 48.8 -0.8
CBKS	baz=255 Cedar Bluff	103.88	54	ePdif LR	Pdif LR	16 30 47.5 +2.8	AAA	comp=Z,6um,10.4s Alma-Ata	104.98	311	eP iPdif iPP ePS eSS LR LRM	Pdif PP PP PS SS LR MLR	16 30 49.1 -0.5 16 30 49.0 -0.6 16 35 10.1 -0.2 16 35 10.1 -0.2 16 44 22.5 -2.4 16 49 59.6 -4.7 17 20 33.4 17 23 10.2
W33A	comp=Z,44um,19.0s Caddo, Fort Co	103.89	57	Pdiff	Pdif	16 30 44.0 -0.8	AAA	comp=Z,7um,17.7s Tecumseh	105.15	58	Pdiff	Pdif	16 30 50.6 +0.2
R31A	baz=255 Burdett	103.90	54	Pdiff	Pdif	16 30 44.4 -0.5	E28A	baz=255 Huff	105.15	46	Pdiff	Pdif	16 30 49.2 -1.0
E26A	baz=255 Carlson Angus	103.95	45	Pdiff	Pdif	16 30 44.0 -0.9	438A	baz=256 Sam Houston St	105.16	63	Pdiff	Pdif	16 30 49.1 -1.4
B25A	baz=255 Knox Farm, Ray	103.96	43	Pdiff	Pdif	16 30 45.1 +0.2	J30A	baz=256 Dallas	105.20	49	Pdiff	Pdif	16 30 50.0 -0.5
NVS	baz=255 Novosibirsk	103.97	324	eP eS ePS pmax	Pdif SKSAC Sdif pmax	16 30 42.9 -1.8 16 41 28.2 +4.3 16 42 32.6 -1.5	237A	baz=256 Washetta, Mont	105.20	61	Pdiff	Pdif	16 30 50.7 0.0
NVS	comp=N,30nm,1.6s NVS			pmax	pmax		B27A	baz=256 Peters Farms,	105.22	44	Pdiff	Pdif	16 30 49.3 -1.2
NVS	comp=E,37nm,1.6s NVS			pmax	pmax		Y36A	baz=256 Durant	105.30	59	Pdiff	Pdif	16 30 50.1 -1.0
NVS	comp=Z,52nm,1.6s NVS			pmax	pmax		V35A	baz=256 Meyer Ranch, C	105.33	57	Pdiff	Pdif	16 30 50.2 -1.0
NVS	comp=N,615nm,4.2s NVS			pmax	pmax		O32A	baz=256 Brockman Farm,	105.33	52	Pdiff	Pdif	16 30 51.0 -0.2
J28A	comp=E,2um,4.2s Allard Ranch,	103.99	49	Pdiff	Pdif	16 30 43.9 -1.2	G29A	baz=256 Hoven	105.34	47	Pdiff	Pdif	16 30 50.2 -0.8
O30A	baz=255 NW Ranch, Wils	104.00	52	Pdiff	Pdif	16 30 45.2 -0.1	Q33A	baz=256 Connely Farm,	105.36	54	Pdiff	Pdif	16 30 50.2 -1.1
G27A	baz=255 Dupree	104.02	47	Pdiff	Pdif	16 30 44.7 -0.5	A27A	baz=256 Ledoux Ranch,	105.36	43	Pdiff	Pdif	16 30 50.5 -0.6
135A	baz=255 Vickery Place,	104.04	60	Pdiff	Pdif	16 30 45.6 0.0	T34A	baz=256 McClaskey Farm	105.37	56	Pdiff	Pdif	16 30 51.0 -0.3
436A	baz=254 Wall Ranch, Ga	104.06	62	Pdiff	Pdif	16 30 45.3 -0.4	D28A	baz=256 Regan	105.38	45	Pdiff	Pdif	16 30 49.7 -1.5
T32A	baz=254 Huddler Ranch,	104.06	55	Pdiff	Pdif	16 30 46.0 +0.4	I20A	baz=256 Ocoma	105.38	49	Pdiff	Pdif	16 30 50.3 -1.0
F27A	baz=255 Lemmon	104.09	46	Pdiff	Pdif	16 30 45.1 -0.4	L31A	baz=256 Butterfield Fa	105.39	50	Pdiff	Pdif	16 30 51.1 -0.3
637A	baz=254 Eagle Lake	104.09	64	Pdiff	Pdif	16 30 46.3 +0.5	338A	comp=Z,7um,17.7s Harpers Horsep	105.00	63	Pdiff	Pdif	16 30 49.6 0.0
D26A	baz=254 Manning	104.11	45	Pdiff	Pdif	16 30 46.0 +0.4	H29A	baz=256 Onida	105.01	48	Pdiff	Pdif	16 30 49.6 0.0
N30A	baz=255 Hueftle Ranch,	104.12	52	Pdiff	Pdif	16 30 46.1 +0.3	Z36A	baz=256 Blue Ridge	105.02	60	Pdiff	Pdif	16 30 48.1 -1.8
Y34A	baz=255 Reagan Ranch,	104.13	59	Pdiff	Pdif	16 30 45.3 -0.7	R33A	baz=256 Olander Ranch,	105.07	54	Pdiff	Pdif	16 30 49.0 -1.1
A25A	baz=255 Svangstu Ranch	104.17	43	Pdiff	Pdif	16 30 45.9 +0.1	M31A	baz=256 Lambrecht Ranc	105.08	51	Pdiff	Pdif	16 30 49.1 -0.9
L29A	baz=255 Maesberg Ranch	104.18	50	Pdiff	Pdif	16 30 46.1 +0.1	CHKK	comp=Z,8um,6.2s Chushkaly	105.09	312	iPdif iPP	Pdif PP	16 30 49.2 -0.7 16 35 09.0 -2.1
Q31A	baz=255 Ellis	104.18	53	Pdiff	Pdif	16 30 45.9 -0.2	CHKK	comp=Z,2um,7.8s CHKK			eSdif iSS LR MLR	Sdif SS LR MLR	16 42 47.0 +2.9 16 49 54.7 -1.1 17 21 12.8 17 23 07.6
I28A	baz=255 Midland	104.19	48	Pdiff	Pdif	16 30 45.7 -0.3	W35A	comp=Z,7um,17.7s Tecumseh	105.15	58	Pdiff	Pdif	16 30 50.6 +0.2

M33A	Taylor Creek F	106.44	51	Pdiff	Pdiff	16 30 55.6 -0.5
R35A	Emporia Municip	106.44	55	Pdiff	Pdiff	16 30 55.2 -0.9
B29A	Wagenman Farm,	106.47	44	Pdiff	Pdiff	16 30 54.6 -1.4
UCH	Uchtor	106.48	309	P	Pdiff	16 30 56.9 +0.2
O34A	Bearrice	106.49	53	Pdiff	Pdiff	16 30 55.3 -1.0
L33A	Hoskins	106.52	51	Pdiff	Pdiff	16 30 54.9 -1.5
G31A	Conde	106.53	47	Pdiff	Pdiff	16 30 54.6 -1.7
139A	Bunkhouse Ranc	106.53	61	Pdiff	Pdiff	16 30 56.1 -0.5
FRU	Bishkek	106.54	310	eP	Pdiff	16 30 58.0 +1.5
FRU	comp=E,1µm,7.5s			MLR	MLR	
Y38A	Idabel	106.56	59	Pdiff	Pdiff	16 30 53.8 -2.9
D30A	Buchanan	106.57	45	Pdiff	Pdiff	16 30 55.5 -1.0
AAK	Ala-Archa	106.58	310	ePdiff	PKIKP	16 35 08.2 +0.6
AAK	Ala-Archa	106.58	310	iP	PKKPbc	16 46 29.7 +1.7
AAK	Ala-Archa	106.58	310	iP	PKKPbc	16 30 56.4 -0.4
AAK	Ala-Archa	106.58	310	ePdiff	PKIKP	16 30 58.6 +1.8
AAK	Ala-Archa	106.58	310	ePdiff	PKIKP	16 35 08.2 +0.6
AAK	Ala-Archa	106.58	310	iP	PKKPbc	16 46 29.7 +1.7
340A	Bronson	106.64	62	Pdiff	Pdiff	16 30 54.8 -2.3
F31A	Hecla	106.64	47	Pdiff	Pdiff	16 30 56.4 -0.4
A29A	Manning Farm,	106.65	43	Pdiff	Pdiff	16 30 55.6 -1.1
X35A	Whitesboro	106.66	59	Pdiff	Pdiff	16 30 56.4 -0.8
K38A	Merced Eighty,	106.69	54	Pdiff	Pdiff	16 30 56.6 -0.6
V37A	Hulbert	106.69	57	Pdiff	Pdiff	16 30 56.4 -0.8
USP	Ospenovka	106.72	310	P	Pdiff	16 30 55.1 -2.2
S36A	Lake Cedric, C	106.77	55	Pdiff	Pdiff	16 30 57.3 -0.3
N34A	Lincoln	106.78	52	Pdiff	Pdiff	16 30 56.5 -1.1
I32A	Karley and Nic	106.79	49	Pdiff	Pdiff	16 30 56.6 -0.9
K33A	Hardington	106.81	50	Pdiff	Pdiff	16 30 56.7 -1.0
U37A	Salina	106.84	57	Pdiff	Pdiff	16 30 57.4 -0.5
Z39A	Irene McRaven,	106.84	60	Pdiff	Pdiff	16 30 58.2 +0.2
P35A	Duane Minner,	106.85	54	Pdiff	Pdiff	16 30 57.5 -0.4
M34A	Aspy Farms, Fr	106.87	51	Pdiff	Pdiff	16 30 57.5 -0.4
C30A	Mose, Pekin	106.88	45	Pdiff	Pdiff	16 30 57.6 -0.3
H32A	Carlson Farm,	106.91	48	Pdiff	Pdiff	16 30 58.3 +0.3
R36A	Gordon, Harris	106.95	55	Pdiff	Pdiff	16 30 58.5 0.0
J33A	Davis	106.99	50	Pdiff	Pdiff	16 30 59.2 +0.8
W38A	Poteau	107.00	58	Pdiff	Pdiff	16 30 58.5 -0.1
G32A	Webster	107.03	47	Pdiff	Pdiff	16 30 58.1 -0.5
E31A	Nome	107.04	46	Pdiff	Pdiff	16 30 58.1 -0.5
AML	Almayashu	107.05	309	P	Pdiff	16 31 00.1 +0.8
Y39A	Lockesburg	107.08	60	Pdiff	Pdiff	16 30 58.4 -0.6
O35A	Humboldt	107.10	53	Pdiff	Pdiff	16 30 58.7 -0.3
EK52	Erkin-Say	107.11	310	eP	MLR	16 30 59.6 +0.5
EK52	Erkin-Say	107.11	310	P	Pdiff	16 30 59.7 +0.5
EK52	Erkin-Say	107.11	310	ePdiff	PKIKP	16 30 59.6 +0.5
EK52	Erkin-Say	107.11	310	ePdiff	PKIKP	16 35 11.4 +2.9
EK52	Erkin-Say	107.11	310	ePdiff	PKIKP	16 46 26.9 +0.6
L34A	Svendsen Farm,	107.12	51	Pdiff	Pdiff	16 30 58.5 -0.5
B30A	Myrvik Farm, E	107.14	44	Pdiff	Pdiff	16 30 58.8 -0.1
O36A	Arnold, C, Orve	107.15	54	Pdiff	Pdiff	16 30 59.7 +0.5
T37A	Cheneyville 18	107.16	56	Pdiff	Pdiff	16 30 59.5 +0.2
D31A	McClaffin, Tow	107.25	46	Pdiff	Pdiff	16 30 59.7 +0.3
A30A	Hoffart Farm,	107.25	44	Pdiff	Pdiff	16 30 57.5 -2.0
I33A	Coleman	107.26	49	Pdiff	Pdiff	16 30 58.3 -1.4
V38A	Canehill	107.27	58	Pdiff	Pdiff	16 30 59.7 -0.1
ECSD	EROS Data Cent	107.33	49	Pdiff	Pdiff	16 30 56.6 -3.3
ECSD	EROS Data Cent	107.33	49	ePdiff	PKIKP	16 31 00.2 +0.2
ECSD	EROS Data Cent	107.33	49	ePdiff	PKIKP	16 46 26.2 +0.2
ECSD	EROS Data Cent	107.33	49	ePdiff	PKIKP	16 30 59.6 +0.5
S37A	Fort Scott	107.37	56	Pdiff	Pdiff	16 30 58.1 -2.1
C31A	Landman Farms,	107.39	45	Pdiff	Pdiff	16 30 56.8 -3.3
F32A	Veblen	107.41	47	Pdiff	Pdiff	16 30 57.6 -2.6
BTL5	Baital	107.42	312	iP	PP	16 30 59.8 -0.4
BTL5	comp=Z,1µm,8.6s			iPP	PP	16 35 28.5 +0.4
BTL5	comp=Z,2µm,7.4s			iPS	PS	16 44 49.4 -0.5
BTL5	comp=Z,3µm,11.1s			LR	LR	17 21 30.2
BTL5	comp=Z,3µm,11.1s			LRM	MLR	17 26 34.7
U38A	Gravette	107.42	57	Pdiff	Pdiff	16 30 57.6 -2.9
N35A	Tabor	107.42	52	Pdiff	Pdiff	16 30 57.7 -2.7
H33A	Prehn Over Nor	107.43	48	Pdiff	Pdiff	16 30 58.6 -1.8
K34A	Le Mars	107.48	50	Pdiff	Pdiff	16 30 57.2 -3.5
P36A	Good Intent, A	107.48	54	Pdiff	Pdiff	16 30 58.1 -2.6
R37A	Teagarden Farm	107.49	55	Pdiff	Pdiff	16 30 58.3 -2.4
M35A	Neola	107.52	52	Pdiff	Pdiff	16 30 58.7 -2.1
B31A	Greenbush Farm	107.57	44	Pdiff	Pdiff	16 30 58.8 -2.0
E32A	Braaten, Kindr	107.59	46	Pdiff	Pdiff	16 30 58.9 -2.1
MIAR	Mount Ida	107.64	59	Pdiff	Pdiff	16 30 58.9 -2.6
MIAR	Mount Ida	107.64	59	PFAKE	LR	16 35 20.0
J34A	George	107.70	50	Pdiff	Pdiff	16 30 59.1 -2.5
D32A	Dogwood Acres,	107.74	46	Pdiff	Pdiff	16 30 59.1 -2.5
G33A	Ortonville	107.75	48	Pdiff	Pdiff	16 31 00.7 -1.1
L35A	Bielow Farm, R	107.76	51	Pdiff	Pdiff	16 30 59.9 -2.0
O36A	Bolkow	107.78	53	Pdiff	Pdiff	16 30 59.9 -2.0

TGUH	Tegucigalpa,Un	107.85	81	PFAKE	LR	16 35 20.0
TGUH	comp=Z,33µm,19.0s			LR	LR	
Q37A	Longview Farm,	107.90	55	Pdiff	Pdiff	16 31 00.2 -2.4
N36A	Muff Farm, Cla	107.92	52	Pdiff	Pdiff	16 31 00.3 -2.3
I34A	Hadley	107.92	49	Pdiff	Pdiff	16 30 59.7 -2.8
A31A	Linda, St. Vin	107.97	44	Pdiff	Pdiff	16 31 01.5 -1.1
F33A	5 Mile Ranch,	107.98	47	Pdiff	Pdiff	16 31 01.5 -1.2
MN45	Manas	107.99	309	P	Pdiff	16 31 02.3 -0.8
MN45	comp=Z,28nm,1.4s			pmax	pmax	
NNA	Nana	108.00	111	ePdiff	PKIKP	16 35 11.9 +1.0
NNA	Nana	108.00	111	ePdiff	PKIKP	16 46 39.8 +2.2
NNA	Nana	108.00	111	ePdiff	PKIKP	16 35 11.3
NNA	Nana	108.00	111	ePdiff	PKIKP	16 46 39.8 +2.2
NNA	Nana	108.00	111	ePdiff	PKIKP	16 46 39.8 +2.2
S38A	Stockton	108.05	56	Pdiff	Pdiff	16 31 01.1 -2.2
H34A	Spellman Lake,	108.11	48	Pdiff	Pdiff	16 31 01.3 -2.0
K35A	Storm Lake	108.11	50	Pdiff	Pdiff	16 31 02.1 -1.4
P37A	Lathrop	108.12	54	Pdiff	Pdiff	16 31 01.5 -2.0
M36A	Felix, Anita	108.17	52	Pdiff	Pdiff	16 31 01.4 -2.3
R38A	Fenwick Farm,	108.17	55	Pdiff	Pdiff	16 31 01.9 -1.9
C32A	Crookston	108.19	45	Pdiff	Pdiff	16 31 02.2 -1.4
J35A	Millford	108.25	50	Pdiff	Pdiff	16 31 02.3 -1.7
B32A	Ashes, Strandq	108.30	44	Pdiff	Pdiff	16 31 03.2 -0.9
E33A	Westby DABS, E	108.30	46	Pdiff	Pdiff	16 31 03.9 -0.3
G34A	Benson	108.31	48	Pdiff	Pdiff	16 31 03.0 -1.3
L36A	Harm Buss Farm	108.40	51	Pdiff	Pdiff	16 31 03.3 -1.4
O37A	Wolven Farm, M	108.40	53	Pdiff	Pdiff	16 31 03.3 -1.4
A32A	Roeding H Ranc	108.42	44	Pdiff	Pdiff	16 31 03.4 -1.2
N37A	Lee Faris, Mou	108.47	53	Pdiff	Pdiff	16 31 03.0 -2.1
I35A	Creechew Farm	108.51	49	Pdiff	Pdiff	16 31 03.6 -1.5
S39A	Bolivar	108.52	56	Pdiff	Pdiff	16 31 04.8 -0.6
D33A	AnnSamm, Waubun	108.53	46	Pdiff	Pdiff	16 31 03.4 -1.8
Q38A	Cooks Store, C	108.55	55	Pdiff	Pdiff	16 31 03.6 -1.8
K36A	Gilmore City	108.66	51	Pdiff	Pdiff	16 31 06.1 +0.2
TEIG	Tejich	108.67	75	PFAKE	LR	16 35 20.0
TEIG	comp=Z,47µm,21.0s			LR	LR	
UALR	University of	108.68	59	PFAKE	LR	16 35 20.0
UALR	comp=Z,44µm,18.0s			LR	LR	
F34A	Alexandria	108.68	47	Pdiff	Pdiff	16 31 05.4 -0.5
C33A	Trail	108.68	45	Pdiff	Pdiff	16 31 06.1 +0.3
ATAH	Athualpa	108.69	105	Pdiff	Pdiff	16 31 15.4 +8.2
ATAH	comp=Z,5.5nm,0.9s,baz=256,slow=3.7,SNR=6.2			PKIKP	PKIKP	16 35 14.4 +1.8
ATAH	comp=Z,26nm,0.9s,baz=127,slow=3.5,SNR=9.2			PKIKP	PKIKP	16 46 36.8 +1.2
M37A	Trindle Farm,	108.71	52	Pdiff	Pdiff	16 31 04.8 -1.3
AG3N	Agassiz Nation	108.72	45	Pdiff	Pdiff	16 31 06.9 +1.0
AG3N	Agassiz Nation	108.72	45	ePdiff	PKIKP	16 31 08.3 +2.3
AG3N	Agassiz Nation	108.72	45	ePdiff	PKIKP	16 46 20.0 -1.3
AG3N	Agassiz Nation	108.72	45	ePdiff	PKIKP	16 46 34.2 -2.3
P38A	Dawn	108.75	54	Pdiff	Pdiff	16 31 07.0 +0.7
H35A	Sunnyside Ranc	108.77	48	Pdiff	Pdiff	16 31 04.1 -2.3
R39A	Chumby, Stover	108.86	55	Pdiff	Pdiff	16 31 05.0 -1.9
JTS	JuntasAbangare	108.87	86	ePdiff	PKIKP	16 35 12.3 -0.1
JTS	JuntasAbangare	108.87	86	ePdiff	PKIKP	16 31 11.5 +4.1
JTS	JuntasAbangare	108.87	86	ePdiff	PKIKP	16 35 41.3
JTS	JuntasAbangare	108.87	86	ePdiff	PKIKP	16 31 11.5 +4.1
JTS	JuntasAbangare	108.87	86	ePdiff	PKIKP	16 35 12.3 -0.1
JTS	JuntasAbangare	108.87	86	ePdiff	PKIKP	16 35 41.3 +1.8
E34A	Wadsworth	108.87	47	Pdiff	Pdiff	16 31 04.2 -2.5
J36A	Seneca 1, Swea	108.87	50	Pdiff	Pdiff	16 31 02.6 -4.2
O38A	Gal	108.89	53	Pdiff	Pdiff	16 31 05.2 -1.8
B33A	Robert and Kas	108.90	45	Pdiff	Pdiff	16 31 05.8 -1.0
D34A	Park Rapids	108.95	46	Pdiff	Pdiff	16 31 05.6 -1.5
KBL	Kabul	109.00	301	eP	Pdiff	16 31 11.9 +4.0
KBL	Kabul	109.00	301	ePdiff	PKIKP	16 35 14.3 +1.9
KBL	Kabul	109.00	301	ePdiff	PKIKP	16 31 11.9 +4.0
KBL	Kabul	109.00	301	ePdiff	PKIKP	16 35 14.3 +1.9
T40A	Mansfield	109.03	57	Pdiff	Pdiff	16 31 04.5 -3.1
ULM	Lac du Bonnet	109.04	43	Pdiff	Pdiff	16 31 08.0 +0.6
ULM	comp=Z,20nm,1.1s,baz=234,slow=5.3,SNR=14			PKIKP	PKIKP	16 35 12.2 +0.5
ULM	comp=Z,10nm,0.7s,baz=272,slow=2.8,SNR=9.6					

Table with multiple columns containing flight codes (e.g., AKASG, MALIN), destinations (e.g., Malin Array Be, Kiev), times, and status indicators (e.g., ePP, PKP, SKIPP). The table is organized into several vertical sections.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like ASCN Ascension, GDM Grand Maison, SSB Saint Sauveur, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like PVAQ Vaqueiros, PTEO Sao Teotônio, MORF Marrelete, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like BBOO Buckleboo, WRAB Tennant Creek, WRA Warramunga Arr, etc.

PKM	Mcpherson Peak	87.85	51	P	P	16 43 18.6 +0.8
SMCC	Simmler	87.33	51	P	P	16 43 18.9 +1.0
KHMM	Horse Mountain	87.37	45	eP	P	16 43 19.3 +1.2
GTA	Gaotai	87.44	314	eP	pP	16 43 18.9 +0.4
GTA				sP	sP	16 43 32.3 +5.7
GTA				pmax	pmax	16 43 37.0 +7.5
YAK	Yakutsk	87.72	343	eP	P	16 43 18.5 -0.5
YAK				pmax	pmax	
YAK	Yakutsk	87.72	343	eP	P	16 43 19.4 +0.4
SONM	Songino Array	87.73	323	P	P	16 43 19.7 +0.1
RC01	Rabbit Creek A	87.75	19	eP	P	16 43 19.8 +0.6
WDC	Whiskeytown Da	88.02	45	eP	P	16 43 22.5 +1.5
SNA	Sanas	88.07	183	P	P	16 43 18.9 -2.1
SNA				P	P	16 43 18.2 -2.7
L02D	Cave Junction,	88.09	44	P	P	16 43 22.4 +1.1
N02D	Trinity Center	88.10	45	P	P	16 43 23.5 +2.0
BILL	Bilbino	88.11	359	iP	pmax	16 43 21.4 +0.6
BILL				pmax	pmax	
BILL	Bilbino	88.11	359	eP	P	16 43 21.4 +0.6
OHCM	Honcuc	88.14	47	eP	P	16 43 21.4 -0.2
M02C	Callahan	88.20	44	P	P	16 43 23.5 +1.5
YES	Vestal, Richgr	88.23	51	P	P	16 43 22.7 +0.6
ORV	Oroville	88.23	47	eP	P	16 43 22.4 +0.3
MWC	Mount Wilson	88.27	53	eP	P	16 43 22.9 +0.3
CMB	Columbia Colle	88.29	48	eP	P	16 43 23.2 +0.7
AFDM	Forest Hills D	88.31	47	eP	P	16 43 23.2 +0.7
PMR	Palmer	88.32	19	eP	P	16 43 22.3 +0.4
O03D	Paynes Creek	88.38	46	P	P	16 43 23.5 +0.6
YBH	Yreka Blue Hor	88.46	44	P	P	16 43 24.9 +1.6
YBH				eP	P	16 43 24.4 +1.2
BFSO	Mount Baldy Ra	88.58	53	P	P	16 43 24.6 +0.6
ISA	Isabella, Lake	88.60	51	P	P	16 43 24.9 +0.9
ISA				eP	P	16 43 25.0 +1.0
EDW2	Edwards Air Fo	88.61	52	P	P	16 43 24.9 +0.9
VNA3	Neumeyer Olymp	88.68	181	P	P	16 43 20.2 -3.6
HUMO	Hull Mountain	88.73	43	eP	P	16 43 25.4 +1.1
MONP2	Monument Peak	88.94	54	P	P	16 43 26.5 +0.7
VNA2	Neumayer-Watz	88.97	181	P	P	16 43 23.1 -2.0
M04C	Macdoel	89.06	44	P	P	16 43 27.1 +1.0
LRM0	Laurel Mtn Rad	89.09	52	P	P	16 43 27.5 +1.1
PFO	Pinyon Flats O	89.21	54	P	P	16 43 27.9 +1.0
PFO				eP	P	16 43 26.8 -0.2
KWC	Cottonwood Crs	89.22	51	P	P	16 43 28.2 +1.2
MTUM	Tungsten Hills	89.28	50	eP	P	16 43 28.2 +1.0
SWSC	Sam W Stewart	89.44	55	P	P	16 43 28.8 +0.9
TRF	Thorofore Moun	89.45	17	eP	P	16 43 28.1 +0.6
MPMC	Manual Prospec	89.49	51	P	P	16 43 29.0 +0.7
DAC	Darwin (Calif)	89.51	51	eP	P	16 43 29.5 +1.1
J04D	Umpqua Nationa	89.58	43	P	P	16 43 29.5 +0.9
G4C	Goldstone, Bar	89.67	52	P	P	16 43 30.2 +1.1
BELC	Belle Mtn. Jos	89.72	54	P	P	16 43 30.1 +0.7
G03D	McMinnville, O	89.81	41	P	P	16 43 30.5 +1.2
HEC	Hector,Ludlow	89.82	53	P	P	16 43 30.2 +0.5
NV01	Mina Array Sit	89.94	49	eP	P	16 43 31.1 +0.7
NVAR	Mina Array Bea	89.94	49	eP	P	16 43 31.4 +1.1
GRAC	Grapevine Rang	89.98	50	P	P	16 43 31.4 +1.1
NV11	Mina Array Sit	90.04	49	eP	P	16 43 31.6 +0.8
MOD	Modoc Plateau	90.13	45	eP	P	16 43 31.9 +0.8
J05D	Fort Rock, OR	90.16	43	P	P	16 43 32.6 +1.4
GLA	Glamis	90.22	55	P	P	16 43 33.1 +1.5
GLA				eP	P	16 43 33.1 +1.5
E03A	Lebam	90.29	40	eP	P	16 43 33.1 +1.7
GMRC	Granite Mounta	90.30	53	P	P	16 43 33.0 +1.0
SHOC	Shoshone, Teco	90.31	52	P	P	16 43 32.3 +0.3
TRQ	Turquoise Moun	90.38	52	P	P	16 43 33.1 +0.7
IRM	Iron Mountain	90.43	54	P	P	16 43 33.4 +0.8
I05D	Terrebonne, OR	90.59	42	P	P	16 43 33.9 +0.9
F04A	Ambony	90.68	41	eP	P	16 43 34.0 +0.7
Y12C	Blythe	90.74	54	P	P	16 43 34.9 +1.0
TPNV	Topopah Spring	90.77	51	P	P	16 43 35.1 +0.9
TPNV				eP	P	16 43 35.0 +0.8
COLA	College	91.23	17	P	P	16 43 34.8 -0.6
PDMCI	Parker Dam,Lak	91.25	54	P	P	16 43 37.6 +1.3
TLY	Talaya	91.31	326	eP	pmax	16 43 36.4 +0.2
214A	Organ Pipe Nat	91.35	56	P	P	16 43 38.1 +1.2
SHPR	Sheep Rang	91.38	52	eP	P	16 43 37.8 +0.7
DOT	Dot Lake	91.42	19	P	P	16 43 33.4 -3.0
ILAR	Eielson Array	91.42	17	P	P	16 43 34.9 -1.5
VWOR	Wild Horse Val	91.47	45	eP	P	16 43 37.9 +0.6
BMN	Battle Mountai	91.56	47	eP	P	16 43 38.8 +1.0
R11A	Troy Canyon, C	91.83	50	P	P	16 43 38.7 -0.4
J08A	Circle Bar Ran	91.99	44	eP	P	16 43 40.9 +1.2
B05A	Bryant	91.99	39	P	P	16 43 40.4 +1.1
G08A	Pilot Rock	92.53	42	eP	P	16 43 42.6 +0.5
TUC	Tucson	93.07	57	P	P	16 43 45.6 +0.8
TUC				eP	P	16 43 46.2 +1.3
MFID	Camas Ranch	93.76	45	eP	P	16 43 48.3 +0.5
WUAZ	Wupatki	93.82	54	P	P	16 43 50.4 +2.0

WUAZ	Wupatki	93.82	54	eP	P	16 43 49.0 +0.7
HLID	Halley	94.76	45	P	P	16 43 53.4 +0.9
TMUT	Trail Mountain	95.35	50	eP	P	16 43 55.7 +0.2
HVS	Khovu-Aksy	96.56	322	eP	pmax	16 44 04.7 +4.3
WMQ	Ururugi	97.53	314	eP	Pdifi	16 44 06.0 +1.0
PDAR	Pinedale Array	97.76	47	P	P	16 44 06.2 -0.1
TXAR	Lajitas Array	97.78	62	P	P	16 44 06.8 +0.3
YKA	Yellowknife Ar	101.88	28	P	Pdifi	16 44 25.2 +1.4
MKAR	Makanochi Array	102.09	315	eP	Pdifi	16 44 24.7 -0.5
BVAR	Borovoye Array	110.87	320	Pdifi	Pdifi	16 45 06.7 +2.6
BVAR				PKKPbc	PKKPbc	17 00 00.3 -2.7
ARU	Arti	117.76	324	PKP	PKPdf	16 49 21.7 +5.0
SPITS	Spitsbergen Ar	120.59	354	PKP	PKPdf	16 49 21.1 -0.5
LBTB	Lobates	122.36	220	ePKP	PKPdf	16 49 25.8 -0.9
ARCES	ARCES Array B	125.95	345	PKP	PKP	16 49 31.9 -0.2
PTGA	Pitinga	128.05	108	PKP	PKPdf	16 49 36.9 -0.8
OBN	Obninsk	130.06	326	ePKIKP	PKPdf	16 49 48.1 +7.9
OBN				pmax	pmax	
FINES	FINES Array B	131.35	337	PKP	PKPdf	16 49 45.1 -1.0
ANN	Anapae	133.03	313	iPKP	PKPPrp	16 49 22.5
AKASG	Malina Array Be	136.01	323	PKP	PKP	16 49 50.6 -1.0
NOA	NORSAR Array B	136.32	344	PKP	PKPdf	16 49 51.4 -0.5
BRTR	Keskin Array B	137.00	307	ePKP	PKPdf	16 49 54.1 +0.1
STHS	Stebnicka Huta	141.04	326	ePKIKP	PKPdf	16 50 03.2 +2.3
STHS				ePKP	PKPdf	16 50 03.2 +2.3
LANS	Liptovska Anna	142.13	327	ePKIKP	PKPdf	16 50 03.7 +0.8
LANS				ePKP	PKPdf	16 50 03.7 +0.8
DPC	Dobruska-Polom	142.88	330	eP	Pdifi	16 47 38.0 +1.1
DPC				eP	Pdifi	16 47 38.0 +1.1
BRG	Bergglieshubel	143.56	333	ePKP	PKPbc	16 50 03.4 +0.7
BRG				ePKIKP	PKPbc	16 50 03.4 +0.7
CLL	Collm	143.63	334	ePKIKP	PKPdf	16 50 07.0 +1.6
CLL				ePKP	Pdifi	16 50 07.0 +1.6
CLL				ePKP	PKPdf	16 50 07.0 +1.6
GOPC	GO Pecny, Ondr	143.89	331	ePKIKP	PKPdf	16 50 08.6 +2.6
GOPC				ePKP	Pdifi	16 47 27.6 -3.4
GOPC				ePKP	PKPdf	16 50 08.6 +2.6
PRU	Pruhonice	143.94	331	ePKIKP	PKPbc	16 50 05.0 +1.1
PRU				ePKP	PKPbc	16 50 05.0 +1.1
VAY	Valandovo	144.44	314	iPKP	PKPab	16 50 05.2 -0.1
EKA	Eskdalemuir Ar	144.49	352	PKP	PKPab	16 50 05.0 -0.1
RCBR	Riachuelo	144.64	335	PKP	PKPab	16 50 06.4 -0.3
NKC	Novy Kostel	144.68	333	ePKIKP	PKPab	16 50 07.1 -0.2
NKC				e	e	16 50 23.5
NKC				ePKP	PKPdf	16 50 07.1 -0.2
NKC				ePKP	PKP	16 50 11.0 -0.1
NKC				e	x	16 50 23.5
CONA	Conrad Observa	144.75	328	iPKP	PKPdf	16 50 07.7 +1.1
IDI	Anoyia	144.84	303	PKP	PKPab	16 50 06.8 -0.3
SKO	Kasperke Hory	145.00	331	ePKIKP	PKPbc	16 50 07.4 +0.2
KHC	Kasperke Hory	145.00	331	ePKP	PKPbc	16 50 07.6 +0.3
KHC				ePKP	PKPbc	16 50 11.9 +0.1
KHC				ePKP	PKPbc	16 50 07.6 +0.3
GERES	GERES Array B	145.15	331	ePKPbc	PKPab	16 50 08.2 +0.3
AGG	Agios Georgios	145.55	310	ePKPbc	PKPdf	16 50 07.7 -1.5
GRFO	Grafenberg	145.60	334	ePKPbc	PKPab	16 50 09.9 +0.5
PHR	Ohrid	145.72	314	iPKP	PKPdf	16 50 09.0 -0.5
OERS	Pernice	145.99	327	ePKPbc	PKPbc	16 50 10.6 +0.1
LJLJ	Ljubjana	146.69	326	ePKPbc	PKPbc	16 50 12.2 +0.4
SWF	Charnwood Fore	146.70	349	ePKP	PKPbc	16 50 11.8 -0.5
CNF	Senefte	147.42	341	PKPbc	PKPbc	16 50 14.9 +0.5
SNF				PKPab	PKPbc	16 50 16.9 +0.3
MOTA	Moosalm	147.43	331	iPKP	PKPbc	16 50 14.9 +0.1
WLF	Walferdange	147.55	339	PKPbc	PKPab	16 50 16.0 -0.9
WLF				ePKP	PKPab	16 50 16.0 -0.9
DOU	Dourbes	147.69	341	PKPbc	PKPbc	16 50 15.5 +0.4
FETA	Feichten	147.85	331	iPKPbc	PKPbc	16 50 15.8 -0.1
BFO	Black Forest	147.85	335	iPKP2	PKPbc	16 50 16.5 +0.8
BFO				ePKP	PKPbc	16 50 15.5 -0.2
FUORN	Ofenpass-Fuorn	148.36	331	ePKP	PKPbc	16 50 17.1 -0.4
DAVOX	Davos/Dischmat	148.41	332	ePKPbc	PKPbc	16 50 17.8 +0.3
SEININ	Lac Senin/Sane	149.85	334	ePKP	PKPdf	16 50 16.0 -0.4
SEININ				ePKPbc	PKPbc	16 50 21.3 +0.2
TORD	Torodi Ar. Bea	165.61	242	PKP	PKPbc	16 50 35.5 -0.8

NEIC 13 16:31:21.4, 38:55S:177:94E, h19km, ML4.0(WEL), After WEL

WEL 13 16:31:24.9-0.1, 38:56S:177:92E, h25km, ML4.1/28, 2C-1D, Error ellipse: s-maj=1.7km s-min=1.0km az=90.0, North Island

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
RIGZ	Rimuhau	0.15 238	Op	ISC	h m s	ISC
TKGZ	Te Karaka	0.20 343	P*	Pb	16 31 29.3 -0.8	Pb
TKGZ			eS*	Sb	16 31 34.1 -0.3	Sb
TKGZ	Te Karaka	0.20 343	P*	Pb	16 31 26.3 -4.3	Pb
CNGZ	Carnagh Statio	0.27 58	P*	Pb	16 31 32.4 -0.8	Pb
CNGZ			P*	Pb	16 31 29.2 -2.3	Pb
PRGZ	Paritu Road	0.30 180	P*	Pb	16 31 22.0 -0.4	Pb
PRGZ			P*	Pb	16 31 29.1 -3.0	Pb
RAGZ	Rawiri	0.42 288	P*	Pb	16 31 33.3 -0.7	Pb
RAGZ			P*	Pb	16 31 29.8 -4.2	Pb
MWZ	Matawai	0.42 313	iP*	Pb	16 31 33.3 -0.7	Pb
MWZ			S*	Sb	16 31 40.0 -0.1	Sb
MWZ			AML	AML	16 31 40.0	AML
MWZ			AML	AML	16 31 40.4	AML
MWZ			AML	AML	16 31 40.4	AML
MWZ	Matawai	0.42 313	P*	Sb	16 31 29.7 -4.3	Sb
MWZ			S*	Sb	16 31 40.0 -0.1	Sb
MWZ			P*	Pb	16 31 34.7 +0.2	Pb
KNZ	Kokohu	0.44 206	P*	Pb	16 31 47.2	Pb
KNZ			AML	AML	16	

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like MWZ, TWGZ, KNZ, etc.

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

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

ISCJB 13 16:34:32.9,0.3,20.59S;0.07x168.28E;0.06,h28km, mb5.1/37, Error ellipse: s-maj=10.7km s-min=5.6km az=146.4

NEIC 13 16:34:33.0,0.6,20.57S;168.36E,h23km,4km,mb5.3/17, Error ellipse: s-maj=10.8km s-min=5.5km az=155.0

IDC 13 16:34:34.0,0.5,20.62S;168.29E,h28km,2km,mb4.5/13, mb1.9/15, mb1.1mx4.4/35, mb1.4mx4.6/15, ML4.0/2, Error ellipse: s-maj=16.1km s-min=12.4km az=140.0

BUI 13 16:34:40.9,1.6,20.85S;167.90E,h12km,mb5.0/18,MB5.0/1, Ms5.2/1, Ms7.4/9

ISC 13 16:34:34.2,0.5,20.60S;0.08x168.33E;0.08,h28km,2km, h27km;pp-P,n123,0.1f20/113,mb5.2/37,D,Loyalty Islands

ISCJB 13 16:34:32.9,0.3,20.59S;0.07x168.28E;0.06,h28km, mb5.1/37, Error ellipse: s-maj=10.7km s-min=5.6km az=146.4

NEIC 13 16:34:33.0,0.6,20.57S;168.36E,h23km,4km,mb5.3/17, Error ellipse: s-maj=10.8km s-min=5.5km az=155.0

IDC 13 16:34:34.0,0.5,20.62S;168.29E,h28km,2km,mb4.5/13, mb1.9/15, mb1.1mx4.4/35, mb1.4mx4.6/15, ML4.0/2, Error ellipse: s-maj=16.1km s-min=12.4km az=140.0

BUI 13 16:34:40.9,1.6,20.85S;167.90E,h12km,mb5.0/18,MB5.0/1, Ms5.2/1, Ms7.4/9

ISC 13 16:34:34.2,0.5,20.60S;0.08x168.33E;0.08,h28km,2km, h27km;pp-P,n123,0.1f20/113,mb5.2/37,D,Loyalty Islands

WEL 13 16:35:07.0,0.1,38.61S;177.89E,h24km,1km,ML3.5/8, comp=2.1,5nm,0.9s,baz=39,slow=5.1,SNR=6.4

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

IDC 13 16:37:25.1,2.2,20.97S;168.51E,h0km,mb4.1/8, mb1.4/3.9, mb1mx4.1/35, mb1mx4.1/9, ML3.9/1, Error ellipse: s-maj=76.6km s-min=20.8km az=145.0

ISC 13 16:37:28.0,0.2,21.35S;0.04x168.5E;0.3,h30km,n10, 0.1f11,mb4.2/8,Loyalty Islands

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

IDC 13 16:38:49.0,0.7,20.71S;168.62E,h0km,mb4.5/21, mb1.4/6.2/3, mb1mx4.5/38, mb1mx4.5/23, ML4.3/2, Error ellipse: s-maj=22.5km s-min=15.3km az=157.0

NEIC 13 16:38:51.0,0.2,20.42S;168.47E,h10km,mb5.2/31, Error ellipse: s-maj=6.8km s-min=6.0km az=174.0

MOS 13 16:38:51.7,1.1,20.52S;168.58E,h24km,mb4.9/18, Error ellipse: s-maj=16.7km s-min=13.5km az=2.2

ISCJB 13 16:38:52.0,2.0,20.51S;0.05x168.42E;0.04,h28km, mb4.9/55,MS5.0/2, Error ellipse: s-maj=7.4km s-min=5.3km az=156.3

BUI 13 16:38:56.6,1.9,19.58S;167.61E,h10km,mb4.9/25,mb4.9/3, Ms5.2/2, Ms7.4/9

ISC 13 16:38:53.0,0.4,20.59S;0.07x168.50E;0.07,h26km,n155, 0.1f20/148,mb5.1/54,3C-1D,Loyalty Islands

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

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BKZ Black Stump Fm, AF1 Afiamalu, CTA Charters Tower, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ISA Isabella, Lake, EDW2 Edwards Air Fo, MONP2 Monument Peak, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TKGZ Te Karaka, CNKG Carnagh Station, PRGZ Paruru Road, etc.

IDC 13 16:41:33.7-1.2, 20:79S; 168; 71E, h0km, mb4.5/13, mb1.4/6.14, mb1mx4.4/39, mbtmp4.5/14, ML2.0/1, Error ellipse: s-maj=40.6km s-min=19.4km az=156.0

NEIC 13 16:41:34.5-0.3, 20:85S; 168; 73E, h10km, mb5.2/14, Error ellipse: s-maj=12.3km s-min=7.9km az=154.0

ISCJB 13 16:41:37.5-0.3, 20:75S; 0.1; 168; 51E; 0:07, h33km, mb4.9/26, Error ellipse: s-maj=15.9km s-min=6.2km az=152.5

ISC 13 16:41:37.5-0.6, 20:35S; 0.1; 168; 75E; 0:1, h30km, n70, r=12.63, mb4.8/24, 1D, Loidly Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DZM Mont Dzumac, DZM South Karori, CTA Charters Tower, etc.

Table with columns: Station, Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like NKX, KHC, KHE, etc.

Table with columns: Station, Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like JCZ, PMG, PMG, etc.

Table with columns: Station, Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like SOEI, SOEI, LMBI, etc.

GCMT 13 16:43:07.70.0.2, 20.55Sx168.29E, h18km, 1km, MW6.0/78, Moment Tensor Solution, s18,c20; s78,c168; Duration: 2s3 Moment tensor: Scale 10^18Nm; Mr=1.06E+06; Mw=0.28; 03; Mo=0.77; 04; Mo=0.07; 09; Mo=0.37; 02; Mo=0.07; 07; Best double couple: Mo1.02200x10^18 Np1=157.00000; 0.46.00000; -1.83.00000; NP2: q=327.00000; 0.44.00000; -1.97.00000; Principal axes: T 0.9760; Plg1 1.0000; Azm242.0000; N 0.0880; Plg5 0.0000; Azm332.0000; P -1.0690; Plg85.0000; Azm142.0000; nstia1 refers to body waves, cutoff=40s. nstia2 refers to surface/mantle waves, cutoff=50s.

NEIC 13 16:43:07.70.1.20.61Sx168.40E, h10km, mb5.9/172 Error ellipse: s-maj=3.8km s-min=3.4km az=121.0 NEIC Felt at Noumea, New Caledonia. BUJ 13 16:43:08.4, 19.97S; 168.62E, h13km, mb5.4/48, mb6.0/7, Ms6.4/5, Ms7.6/16

MOS 13 16:43:09.7, 1.20.59Sx168.33E, h28km, mb5.8/58, Error ellipse: s-maj=8.3km s-min=8.0km az=108.1 ISCJB 13 16:43:10.9, 0.1.20.67Sx168.41E, h102, h40km, mb5.8/284, MS6.3/12. Error ellipse: s-maj=2.8km s-min=2.5km az=162.6

IDC 13 16:43:12.0, 0.2, 20.64Sx168.47E, h38km, 1km, mb5.2/34, mb1.5/236, mb1mx5.2/42, mbtmp5.4/36, ML4.9/22, MSS.7/5, Ms1.5/7.5, ms1mx4.9/40, Error ellipse: s-maj=9.0km s-min=8.7km az=56.0

ISC 13 16:43:10.8, 0.2, 20.67Sx168.47E, h30km, 1km, h2km; p-P, n950, q=120/990, mb5.9/280, MS6.3/12, 31C-23D, Loyalty Islands

Main station list table with columns: Code, Station Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like DZM, DZM, DZM, etc.

Main station list table with columns: Station, Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like JCZ, PMG, PMG, etc.

Main station list table with columns: Station, Name, Az, El, Azimuth, Elevation, and other parameters. Includes stations like SOEI, SOEI, LMBI, etc.

MJAR	Matsushiro Arr	63.68 333 P	P	16 53 38.7 -0.7
MJAR	comp=Z,34nm,1.0s,baz=166,slow=7.1,SNR=34			
MJAR	comp=Z,32nm,1.0s,baz=156,slow=5.7,SNR=19.1		sP	16 53 50.9 -1.2
MAJO	Matsushiro	63.69 333 eP	P	16 53 39.0 -0.5
MAJO	comp=Z,130nm,1.4s		pmax	
MAJO	Matsushiro	63.69 333 eP	P	16 53 39.0 -0.5
MAJO	comp=Z,126nm,1.4s			
MAJO	Matsushiro	63.69 333 P	P	16 53 50.5
KASI	Kota Agung	63.73 274 P	P	16 53 38.3 -1.1
KASI	comp=Z,199nm,1.4s			16 53 39.9 -0.3
NACB	Ninganchiao	63.79 312 eP	P	16 53 39.5 -0.7
NACB	comp=Z,227nm,1.4s			
TPUB	Ta-pu	63.91 311 eP	P	16 53 51.5
TPUB	comp=Z,168nm,1.1s			16 53 40.0 -1.1
SSLB	Suanglung	63.99 311 eP	P	16 53 40.3 -1.4
SSLB	comp=Z,232nm,1.7s			
YHNB	Yehung	64.26 312 eP	P	16 53 43.3 -0.2
YHNB	comp=Z,100nm,0.8s			
LWLI	Llwa	64.32 274 P	P	16 53 44.7 +0.5
LWLI	comp=Z,142nm,1.0s			
TATO	Taipai	64.38 313 eP	P	16 53 43.7 -0.5
TATO	comp=Z,237nm,1.2s			
MDSI	Maura Dua	64.39 275 P	P	16 53 43.7 -0.9
MDSI	comp=Z,191nm,0.7s			
PMBI	Palembang	64.39 277 P	P	16 53 46.6 +2.0
PMBI	comp=Z,468nm,0.9s			
JNU	Nakatsue	64.42 325 P	P	16 53 44.1 -0.2
JNU	comp=Z,45nm,1.1s,baz=319,slow=2.7,SNR=9.6		sP	16 53 56.0 -1.1
JNU	Nakatsue	64.42 325 eP	P	16 53 44.0 -0.4
JNU	comp=Z,658nm,2.4s			
LHSI	Lahat	65.23 275 P	P	16 53 55.7
LHSI	comp=Z,106nm,1.3s			16 53 50.0 -0.1
DSRI	Dabo	65.48 279 P	P	16 53 52.8 +1.1
DSRI	comp=Z,265nm,2.2s,comp=Z,299nm			
JMBI	JAIBI	65.92 278 P	P	16 53 56.9 +2.4
JMBI	comp=Z,688nm,0.7s			
TPRI	Tanjung Pinang	66.07 281 P	P	16 53 56.8 +1.4
TPRI	comp=Z,120nm,1.0s			
MASI	Maura Aman, Be	66.67 276 P	P	16 53 59.7 +0.3
MASI	comp=Z,254nm,0.8s			
BTDF	Bukit Timah Da	66.93 281 P	P	16 54 01.9 +0.9
BTDF	baz=67,SNR=6.7			
MYKOM	Kota Tinggi	67.03 281 eP	P	16 54 02.0 +0.5
MYKOM	comp=Z,222nm,1.7s			
DLV	L'at	67.28 293 eP	P	16 54 03.6 +0.3
DLV	comp=Z,687nm,2.4s			
SDSI	Sungai Dareh	68.23 278 P	P	16 54 08.8 -0.4
SDSI	comp=Z,53nm,1.2s			
ASAJ	Asahikawa	68.69 340 P	P	16 54 11.8 +0.5
ASAJ	comp=Z,93nm,1.2s,baz=233,slow=5.5,SNR=11			
ASAJ	Asahikawa	68.69 340 eP	P	16 54 12.6 +1.2
ASAJ	comp=Z,23nm,1.2s			16 54 23.5
COCO	West Island	68.77 265 P	P	16 54 18.1 +5.6
COCO	comp=Z,235nm,1.2s			16 54 11.2 +1.3
BKNI	Bangkitang	69.06 279 P	P	16 54 15.6 +1.2
BKNI	comp=Z,99nm,0.8s			
BKNI	Bangkitang	69.06 279 P	P	16 54 15.6 +1.2
BKNI	comp=Z,2um,1.6s			
BKNI	Bangkitang	69.06 279 eP	P	16 54 14.5 +0.2
BKNI	comp=Z,196nm,0.8s			
PDSI	Padang	69.14 277 P	P	16 54 15.5 +0.6
PDSI	comp=Z,1um,1.2s			
KRSR	Korea Array	69.28 326 P	P	16 54 15.4 +0.2
KRSR	comp=Z,11nm,1.0s,baz=148,slow=6.5,SNR=18		sP	16 54 27.1 -0.8
KRSR	comp=Z,2.8nm,1.0s,baz=300,slow=2.7,SNR=9.6			17 22 30.3
KRSR	Korea Array	69.28 326 P	P	16 54 15.4 +0.2
KRSR	comp=Z,7.0nm,0.8s		pmax	16 54 27.2 -0.8
KRSR	comp=Z,11nm,1.0s		pmax	
KSAR	Wonju Array Be	69.30 326 P	P	16 54 15.4 +0.1
KSAR	comp=Z,2um,1.3s			
KSAR	Wonju Array Si	69.32 326 eP	P	16 54 15.1 -0.2
KSAR	comp=Z,2um,1.3s			
KSAR	Padang Panjang	69.36 278 P	P	16 54 16.3 +0.2
KSAR	comp=Z,592nm,2.0s			
QSPA	South Pole Qui	69.39 180 P	P	16 54 16.0 +0.3
QSPA	comp=Z,233nm,0.8s,baz=4.0,slow=2.0,SNR=22			
QSPA	comp=Z,91nm,1.1s,baz=14,slow=3.6,SNR=17		sP	16 54 27.9 -0.6
QIZ	Qiongzong	69.67 301 P	P	16 54 19.8 +1.8
QIZ	comp=Z,46nm,1.2s		pmax	
INCN	Inchon	69.98 326 eP	P	16 54 20.1 +0.5
INCN	comp=Z,128nm,2.6s			
IPM	Ipho	70.68 283 eP	P	16 54 24.4 0.0
IPM	comp=Z,77nm,0.8s			
IPM	Nanjing	70.74 317 eP	P	16 54 35.4
IPM	comp=Z,43nm,0.5s		pmax	16 54 24.8 +0.6
YSS	Yuzh-Sakhalins	71.20 342 eP	P	16 54 28.2 +1.5
YSS	comp=Z,87nm,1.3s		pmax	
YSS	Yuzh-Sakhalins	71.20 342 eP	P	16 54 28.1 +1.5
YSS	comp=Z,112nm,1.0s			
KULM	Kulim	71.35 283 eP	P	16 54 28.1 +0.1
KULM	comp=Z,397nm,1.9s			
UBPT	Khong Chiam	71.44 295 P	P	16 54 31.1 +2.3
UBPT	comp=Z,559nm,1.2s			
UBPT	Khong Chiam	71.44 295 P	P	16 54 31.0 +2.3
UBPT	comp=Z,559nm,1.2s			
SKR	Severo-Kuril's	71.87 352 eP	P	16 54 31.9 +1.3
SKR	comp=N,180nm,1.0s		pmax	
SKR	comp=Z,220nm,1.0s		pmax	
PSI	Prapat	71.95 280 P	P	16 54 31.6 -0.6
PSI	comp=Z,128nm,2.6s			
TSI	Tuntungan	72.55 281 P	P	16 54 35.8 +0.2
TSI	comp=Z,147nm,1.5s			
GSI	Gunungsitoli	72.64 278 P	P	16 54 37.0 +0.9
GSI	comp=Z,1um,1.1s			
GSI	Gunungsitoli	72.64 278 eP	P	16 54 36.3 +0.2
GSI	comp=Z,2um,2.5s			
USRK	Ussuriysk Ar.	72.68 333 P	P	16 54 36.1 +0.5
USRK	comp=Z,82nm,1.1s,baz=134,slow=5.6,SNR=45		sP	
USRK	comp=Z,88nm,1.1s,baz=141,slow=4.5,SNR=14			16 54 47.0 -1.5
USRK	comp=Z,5.5nm,0.9s,baz=180,slow=4.9,SNR=6.7		sP	17 17 42.7
TRTT	Trang	73.25 285 P	P	16 54 40.3 +0.6
TRTT	comp=Z,100nm,1.8s			
PET	Petropavlovsk	73.88 354 eP	P	16 54 42.9 +0.5
PET	comp=Z,71nm,1.2s		pmax	
PET	Petropavlovsk	73.88 354 eP	P	16 54 43.0 +0.5
PET	comp=Z,86nm,0.9s			
MDJ	Mudanjiang	74.04 332 P	P	16 54 43.8 +0.1
MDJ	comp=Z,58nm,1.1s		pP	16 54 50.4 -2.6
MDJ	comp=Z,178nm,1.4s		sP	16 54 52.8 -3.7
MDJ	comp=Z,58nm,1.1s		pmax	
MDJ	Mudanjiang	74.04 332 eP	P	16 54 43.1 -0.6
MDJ	comp=Z,1um,1.2s,comp=Z,630nm			
PEAO	Petropavlovsk	74.06 353 eP	P	16 54 55.6
PETK	Petropavlovsk	74.06 353 P	P	16 54 44.0 +0.4
PETK	comp=Z,39nm,0.7s,baz=145,slow=6.9,SNR=41			
PETK	comp=Z,119nm,0.9s,baz=151,slow=6.0,SNR=18		sP	16 54 54.1 -0.3
PETK	Petropavlovsk	74.06 353 P	P	16 54 44.0 +0.4
PETK	comp=Z,1um,1.1s		pP	16 54 56.1 -0.3
PETK	comp=Z,37nm,0.7s		pmax	
PETK	comp=Z,119nm,0.9s		pmax	
KHON	Khomkaen	74.18 295 P	P	16 54 46.9 +1.8
KHON	comp=Z,20nm,1.2s,comp=Z,630nm			
PATY	Patayay	74.34 291 P	P	16 54 47.9 +1.8
PATY	comp=Z,14nm,1.0s			
PKDT	Phuket	74.50 285 P	P	16 54 48.6 +1.6
PKDT	comp=Z,146nm,2.0s			
TIA	Tai'an	74.54 319 eP	P	16 54 46.1 -0.7
TIA	comp=Z,30nm,1.1s		pmax	
NAVY	Nakonayok	74.56 292 P	P	16 54 49.1 +1.8
NAVY	comp=Z,262nm,0.8s			

CHAI	Chaiyaphum	74.70 294 P	P	16 54 49.2 +1.1
CHAI	comp=Z,9.1nm,1.1s			
MLSI	Meulaboh, Aceh	74.84 281 P	P	16 54 49.5 +0.5
MLSI	comp=Z,458nm,0.8s			
HABR	Khabarovsk	75.04 338 eP	P	16 54 48.4 -0.9
HABR	comp=Z,19um,17.0s		eSP	16 54 53.1 -5.6
HABR	comp=Z,19um,17.0s		eSS	16 55 02.2 +0.4
CHANG	Changchun	75.31 329 P	P	16 54 51.0 0.0
CHANG	comp=Z,70nm,1.3s		pmax	
PHET	Kaeng Krachan	75.42 290 P	P	16 54 54.4 +2.1
PHET	comp=Z,15nm,1.2s,comp=Z,257nm			
SLVN	Son La	75.64 300 eP	P	16 54 54.4 +0.8
SLVN	comp=Z,226nm,2.0s			
NIKH	Nikolski High	75.93 14 eP	P	16 54 53.5 -0.9
NIKH	comp=Z,552nm,0.8s			
ENH	Enshi	76.03 310 eP	P	16 54 55.1 -0.4
ENH	comp=Z,22nm,0.9s			
LOEI	Loei	76.04 295 P	P	16 54 55.0 -0.8
LOEI	comp=Z,441nm,1.5s			
GYA	Guyang	76.05 306 P	P	16 54 56.3 +0.5
GYA	comp=Z,40nm,1.0s		pP	16 55 10.0 +2.0
GYA	comp=Z,200nm,0.9s		sS	16 57 50.8 +3.8
GYA	comp=Z,200nm,0.9s		sS	17 04 39.6 +1.9
GYA	comp=Z,200nm,0.9s		sS	17 09 02.2 +2.7
GYA	comp=Z,200nm,0.9s		sS	17 09 35.8 +4.3
SRDT	SRDT	76.49 291 P	P	16 55 00.1 +1.7
SRDT	comp=Z,346nm,1.9s			
SRDT	SRDT	76.49 291 P	P	16 55 00.6 +2.2
SRDT	comp=Z,346nm,1.9s			
UTHA	Uthaitani	76.73 292 P	P	16 55 01.5 +1.8
UTHA	comp=Z,16nm,1.9s,comp=Z,239nm			
UTTA	Uttaradi	76.75 295 P	P	16 55 01.4 +1.6
UTTA	comp=Z,10.0nm,1.1s,comp=Z,158nm			
MAW	Mawson	76.84 202 P	P	16 55 00.7 +1.2
MAW	comp=Z,20nm,0.8s,baz=114,slow=7.6,SNR=14.1		sP	16 55 12.6 +0.2
MAW	Mawson	76.84 202 P	P	16 55 00.4 +0.9
MAW	comp=Z,49nm,1.0s,baz=90,slow=7.8,SNR=13			
MAW	Mawson	76.84 202 eP	P	16 55 00.3 +0.8
MAW	comp=Z,221nm,2.8s			
NANT	Nan	77.11 296 P	P	16 55 03.5 +1.7
NANT	comp=Z,20nm,0.9s,comp=Z,260nm			
UNV	Unalaska Valle	77.19 25 eP	P	16 55 01.0 -1.0
UNV	comp=Z,22nm,0.8s			
NKL	Nikolayevsk	77.36 343 eP	P	16 55 03.2 +0.8
NKL	comp=E,400nm,1.4s		pmax	16 55 14.6
NKL	comp=Z,160nm,1.4s		pmax	
PHRA	Phrae	77.37 295 P	P	16 55 04.7 +1.4
PHRA	comp=Z,662nm,1.0s			
SUKH	Sukhothai	77.42 294 P	P	16 55 05.4 +1.8
SUKH	comp=Z,12nm,0.9s,comp=Z,259nm			
UMPA	Umpang Tak	77.52 293 P	P	16 55 05.7 +1.5
UMPA	comp=Z,20nm,1.2s,comp=Z,299nm			
BJT	Bajitauau	77.59 322 eP	P	16 55 03.7 -0.3
BJT	comp=Z,20nm,1.2s,comp=Z,299nm			
BJI	Beijing	77.60 322 P	P	16 55 04.3 +0.2
BJI	comp=Z,27nm,1.1s,comp=Z,274nm			
LAMP	Lampang	77.88 295 P	P	16 55 08.2 +2.0
LAMP	comp=Z,27nm,1.1s,comp=Z,274nm			
CM01	Chiang Mai Arr	78.41 295 eP	P	16 55 09.9 +0.8
CM01	comp=Z,22nm,0.7s		pP	16 55 10.5 +1.2
KMI	Kumming	78.42 302 eP	P	16 55 22.6 +0.4
KMI	comp=Z,110nm,1.3s		pmax	
KMI	comp=Z,2um,8.0s		pmax	
CM31	Chiang Mai Arr	78.44 295 P	P	16 55 10.8 +1.6
CM31	comp=Z,2um,8.0s			
CMAR	Chiang Mai Arr	78.44 295 P	P	16 55 10.5 +1.3
CMAR	comp=Z,20nm,0.7s,baz=132,slow=4.2,SNR=58		sP	16 55 21.7 -0.4
CMAR	comp=Z,16nm,0.7s,baz=136,slow=4.2,SNR=9.7		sP	17 14 06.5 +0.3
CMAR	comp=Z,2.2nm,0.8s,baz=290,slow=4.0,SNR=13		sP	16 55 10.8 +1.5
CMAR	comp=Z,2.2nm,0.8s,baz=290,slow=4.0,SNR=13		pmax	
XAN	Xi'an	78.55 313 P	P	16 55 10.4 +0.8
XAN	comp=Z,22nm,0.7s		pP	16 55 16.6 -2.4
XAN	Xi'an	78.55 313 P	P	16 55 11.3 +1.2
XAN	comp=Z,22nm,1.3s		pmax	
CHTO	Chiang Mai	78.59 295 P	P	16 55 11.0 +0.9
CHTO	comp=Z,834nm,1.9s			
CHTO	Chiang Mai	78.59 295 eP	P	16 55 11.9 +1.8
CHTO	comp=Z,360nm,1.7s			
CHTO	Chiang Mai	78.59 295 eP	P	16 55 11.0 +0.9
CHTO	comp=Z,208nm,1.9s			
CMAI	Chiangmai2	79.01 296 P	P	16 55 13.9 +1.3
CMAI	comp=Z,856nm,1.8s			
MHMT	Maesarieng	79.18 294 P	P	16 55 14.8 +1.5
MHMT	comp=Z,49nm,1.9s			
CD2	Chengdu	80.54 308 eP	P	16 55 20.6 +0.1
CD2	comp=Z,160nm,1.7s		sP	16 55 29.4 -0.6

13d 16h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PFO Pinyon Flats O, MLAC Mammoth, CWC Cottonwood Cre, etc.

2011 JAN

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like LON Longmire, G06A Carls Farm, WVOR Wild Horse Val, etc.

680

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PDAR Pinedale Array, PDAR White River Ci, INK Inuvik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kesra, Lamasa de Olo, Vial Real, Sonseca Array, etc.

ISCJCB 13 16:45:08.41.0.20'SS:0.2x168.2E:0.2,h26km,mB4.8/14, Error ellipse: s-maj=34.0km s-min=16.0km az=150.5

IDC 13 16:45:10.70.0.8.20'SS:168.34E,h31km,m2km,mB6.4/14, mb1.4/14,mb1mx4.6/40,mbtmp4.8/14,Error ellipse: s-maj=30.3km s-min=15.6km az=150.0

ISC 13 16:45:10.40.0.9.20'SS:0.2x168.3E:0.2,h26km,n29, r1508/44,mb4.8/14,Loyalty Islands

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

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

NNC 13 16:45:49.118.0.39.66'N:72.42E,h0km,mb3.9,mpv3.5, 4C-2D, Error ellipse: s-maj=138.8km s-min=105.1km, az=169.0, Kyrgyzstan

ISCJCB 13 16:52:34.20.0.5.17'SS:0.09x152.76E:0.08,h43km, mb4.1/16, Error ellipse: s-maj=15.0km s-min=8.2km az=136.8

IDC 13 16:52:34.20.0.5.17'SS:152.85E,h47km,37km,mb3.9/15, mb1.4/16,mb1mx3.8/50,mbtmp4.1/16,ML1.9/1, Error ellipse: s-maj=39.7km s-min=22.3km az=129.0

NEIC 13 16:52:37.7.1.4.5.26'S:152.80E,h63km,14km,mb4.3/1, Error ellipse: s-maj=16.5km s-min=8.3km az=156.0

ISC 13 16:52:36.20.0.6.5.15'S:0.1x152.74E:0.10,h43km,n22, r1524/26,mb4.2/16,New Britain region

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

IDC 13 16:52:44.11.5.21'SS:168.59E,h0km,mb4.3/9, mb1.4/10,mb1mx4.2/42,mbtmp4.3/10,ML4.1/1, Error ellipse: s-maj=59.0km s-min=19.4km az=152.0

ISCJCB 13 16:52:45.30.0.8.21'SS:0.2x168.6E:0.1,h20km,mb4.3/10, Error ellipse: s-maj=27.6km s-min=11.2km az=149.4

NEIC 13 16:52:45.0.0.6.21'SS:168.61E,h10km,mb4.8/2, Error ellipse: s-maj=23.4km s-min=11.5km az=156.0

ISC 13 16:52:46.60.8.21'SS:0.2x168.6E:0.1,h20km,n23, r0872/11,mb4.5/9,1,C, Loyalty Islands

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

IDC 13 16:56:42.94.9.20.19'S:167.17E,h0km,mb4.1/3, mb1.4/4,mb1mx3.8/42,mbtmp4.1/3, Error ellipse: s-maj=98.7km s-min=38.5km az=87.0, Loyalty Islands

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

BUI 13 16:57:26.5.20'SS:168.30E,h10km,mb5.0/29,mb4.9/3, MS5.6,MS7.5/6 IDC 13 16:57:26.90.5.20'SS:168.51E,h0km,mb4.6/27, mb1.4/28,mb1mx4.6/71,mbtmp4.6/28,ML4.3/1, Error ellipse: s-maj=16.4km s-min=13.6km az=128.0

MOS 13 16:57:27.5.1.1.20'SS:168.43E,h10km,mb5.0/22, Error ellipse: s-maj=15.6km s-min=12.0km az=117.3

NEIC 13 16:57:29.0.0.2.20'SS:168.43E,h10km,mb5.2/41, Error ellipse: s-maj=6.3km s-min=5.7km az=118.0

ISCJCB 13 16:57:30.20.0.2.20'SS:0.04x168.38E:0.04,h26km, mb4.3/71,MS5.0/2, Error ellipse: s-maj=6.6km s-min=4.1km az=143.1

ISC 13 16:57:31.40.0.4.20'SS:0.06x168.48E:0.07,h26km,n257, r1515/247,mb5.1/69,12C-3D,Loyalty Islands

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CTAO Charters Tower, WRAB Tennant Creek, WRA Warramunga Arr, etc.

13d 17:09:29.8, 0.6, 20.52S x 168.48E, h0km, mb4.6/20, mb1.4, 7.72, mb1mx4.7/35, mbtmp4.6/22, ML4, 1/2, Error ellipse: s-maj=19.4km s-min=16.5km az=152.0

NEIC 13 17:09:32.5, 0.3, 20.61S x 167.46E, h10km, mb4.9/13, Error ellipse: s-maj=9.3km s-min=7.3km az=154.0

ISCJB 13 17:09:32.5, 0.3, 20.61S x 167.46E, h26km, mb4.8/43, Error ellipse: s-maj=11.3km s-min=6.6km az=150.8

ISC 13 17:09:33.9, 0.5, 20.59S x 168.47E, h0km, mb3.8, az=159.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM Sorong, OUZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like INK Inuvik, PDAR Pinedale Array, PDAR Pinedale Arr, etc.

ISCJB 13 17:14:10.3, 2.7, 40.6N x 162.28E, h0km, Error ellipse: s-maj=29.7km s-min=6.0km az=177.0

ISK 13 17:14:10.8, 40.38N, 28.97E, h6km, MD2.5

DDA 13 17:14:14.4, 40.07N, 28.98E, h7km, MD2.6

CSEM 13 17:14:16.2, 0.5, 40.19N x 29.28E, h2km, MD2.5, Error ellipse: s-maj=15.8km s-min=11.4km az=25.0

ISC 13 17:14:12.1, 1.9, 40.40N x 162.28E, h10km, mb3.9, az=177.0

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

ISC 13 17:15:36.3, 2.7, 20.11S x 168.21E, h0km, mb4.1/6, mb1.4, 3/6, mb1mx3.9/35, mbtmp4.1/6, Error ellipse: s-maj=152.6km s-min=26.1km az=158.0

NEIC 13 17:15:38.0, 1.1, 20.06S x 168.27E, h10km, mb4.1/1, Error ellipse: s-maj=31.0km s-min=11.6km az=153.0

ISC 13 17:15:40.8, 1.5, 20.30S x 168.22E, h3km, mb3.9, az=158.0

ISC 13 17:15:36.3, 2.7, 20.11S x 168.21E, h0km, mb4.1/6, mb1.4, 3/6, mb1mx3.9/35, mbtmp4.1/6, Error ellipse: s-maj=152.6km s-min=26.1km az=158.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, CTAO Charters Tower, WRA Warramunga Arr, etc.

ISC 13 17:16:33.5, 2.1, 20.83S x 168.66E, h0km, mb4.0/6, mb1.4, 3/6, mb1mx3.9/35, mbtmp4.1/6, Error ellipse: s-maj=99.3km s-min=29.9km az=159.0

ISCJB 13 17:16:36.5, 1.9, 20.93S x 168.05E, h3h30km, mb3.9/6, Error ellipse: s-maj=7.2km s-min=1.7km az=144.4

ISC 13 17:16:37.8, 1.6, 21.05S x 168.70E, h3h30km, mb3.9, az=144.4

ISC 13 17:16:37.8, 1.6, 21.05S x 168.70E, h3h30km, mb3.9, az=144.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISC 13 17:18:35.7, 2.0, 20.49S x 168.35E, h0km, mb4.0/5, mb1.4, 3/6, mb1mx3.9/37, mbtmp4.0/6, ML3.7/1, Error ellipse: s-maj=78.5km s-min=26.2km az=146.0

ISC 13 17:18:39.2, 1.6, 20.85S x 168.40E, h26km, mb3.9, az=146.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, etc.

17C 17:20:22.4, 0.7, 20.56S x 168.34E, h0km, mb4.7/22, mb1.4, 7/24, mb1mx4.6/38, mbtmp4.7/24, ML3.8/2, Error ellipse: s-maj=18.9km s-min=14.4km az=120.0

NEIC 13 17:20:23.9, 0.3, 20.56S x 168.33E, h10km, mb4.9/11, Error ellipse: s-maj=8.9km s-min=7.2km az=143.0

ISCJB 13 17:20:25.1, 0.3, 20.53S x 168.32E, h26km, mb4.7/30, Error ellipse: s-maj=8.9km s-min=5.0km az=146.4

ISC 13 17:20:26.4, 0.5, 20.58S x 168.36E, h26km, mb3.9, az=146.4

ISC 13 17:20:26.4, 0.5, 20.58S x 168.36E, h26km, mb3.9, az=146.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, ARMA Armidale, RMQ Roma, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EARI, ELAN, EAGO, EPON, ETOS, ELIZ, EALK, EATS, ETSF, ATE, EMIR, CSOR, EPFF, CLLI, MAN, NEIC, ISCJB, ISC.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PAGZ, WRAB, WRA, CMAR, KSAR, ASAR, USRK, SONM, MKAR, ZALV, KURK, TIXI, BRVK, ILAR, ARCES, BRTR, FINES, AKASG, HFS, YKA, SYO.

IDC 13 17:46:07.8;1.9, 20:42S;168:25E, h0km, mb3.8/5, mb1.4/1.6, mb1mx3.9/32, mbtmp3.8/6, ML3.8/1, Error ellipse: s-maj=62.7km s-min=24.8km az=139.0, ISC 13 17:46:12.5;1.7, 20:65S;0.3;168:2E;0.3, h32km, n6, @120/7, mb3.9/5, Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM, WRA, CMAR, SONM, NVAR, IDC, NEIC, ISCJB, ISC.

ISCJB 13 17:54:45.8;0.5, 29:27N;0.04;51:29E;0.05, h20km, mb3.8/5, Error ellipse: s-maj=6.6km s-min=5.3km az=2.9, TEH 13 17:54:45.6, 29:26N;51:37E, h4km, ML3.3, CSEM 13 17:54:45.4;0.3, 29:28N;51:41E, h2km, ML3.3, Error ellipse: s-maj=8.2km s-min=5.4km az=96.0, IDC 13 17:54:47.0;4.8, 29:16N;189E, h0km, mb3.9/5, mb1.3/8.6, mb1mx3.5/46, mbtmp3.8/6, ML3.1/1, Error ellipse: s-maj=87.8km s-min=42.5km az=125.0, ISC 13 17:54:46.7;0.8, 29:21N;0.05;51:38E;0.05, h20km, n42, @070/39, mb3.9/5, 18C-7D, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AHB, IKAZ, ISRV, IPAR, IRAM, IGAR, ISAD, ISAD.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ISAD, IPIR, IMEH, IZEF, NASN, ICHK, IKHL, IBAF, KHMZ, IRAZ, IRAV, IDMV, IDMH, DAMV, IVIS, IVIS, IDHR, IDHR, KBZ, BRTR, IDI, AKASG, HFS, TORO, TORO.

IDC 13 17:57:20.6;0.9, 20:84S;168:58E, h0km, mb4.0/8, mb1.4/3.10, mb1mx4.1/33, mbtmp4.2/10, ML4.6/2, Error ellipse: s-maj=31.4km s-min=22.5km az=153.0, NEIC 13 17:57:21.9;0.6, 20:90S;168:59E, h10km, mb4.1/2, Error ellipse: s-maj=16.0km s-min=12.0km az=151.0, ISCJB 13 17:57:23.6;0.9, 20:85S;0.1;168:5E;0.1, h30km, mb4.0/8, Error ellipse: s-maj=20.4km s-min=10.3km az=137.3, ISC 13 17:57:25.1;0.9, 20:95S;0.1;168:5E;0.1, h30km, n17, @082/18, mb4.0/8, Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM, HNR, CTA, CTAO, WRAB, WRA, ASAR, GSPA, CMAR, SONM, NVAR, ILAR, NKC, KHC, GERES, DAVO, DAVO.

IDC 13 18:01:58.4;1.1, 20:93S;168:54E, h0km, mb3.9/8, mb1.4/1.9, mb1mx3.9/31, mbtmp3.9/6, ML3.6/1, Error ellipse: s-maj=38.3km s-min=22.4km az=141.0, ISCJB 13 18:02:01.5;0.9, 20:95S;0.2;168:4E;0.2, h30km, mb3.8/8, Error ellipse: s-maj=32.1km s-min=16.5km az=140.0, ISC 13 18:02:03.1;1.0, 20:95S;0.2;168:5E;0.2, h30km, n10, @111/10, mb3.9/8, Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM, WRA, ASAR, GSPA, PETK, CMAR, SONM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PGF Pioggia, STON Ston, VISS Visnje, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WMGZ Wiomatatini S, WMGZ Waikaha, WMGZ Pakihiroa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KONO Kongsberg, ODDI Odda, BLSS Blasjo, etc.

IDC 13 18:56:08.4.10.0,21.97N:143.05E, h137km, g2km, mb3.4/3, mb1 3.4/9, mb1mx3.0/53, mbtmp4.0/9, Error ellipse: s-maj=56.0km s-min=30.3km az=148.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MJAR Matsushiro Arr, CMAR Chiang Mai Arr, ZALV Zalesovo Beam, etc.

IDC 13 18:56:43.0.4.31,225S:177.99W, h53km, 17km, mb4.4/5, mb1 4.6/15, mb1mx4.4/34, mbtmp4.7/15, Error ellipse: s-maj=18.6km s-min=12.9km az=106.0

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

IDC 13 18:59:06.0.0.3, 5.49S:0.04E, 130.34E, 0.04, h10km, mb4.8/82, MS4.9/5, Error ellipse: s-maj=5.0km s-min=5.1km az=178.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, YAK Yakuti, AAK Ala-Archa, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like MMRI, LUWI, LUVK, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like BJT, BJI, BJL, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like BVAR, BORO, BUKI, etc.

13d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONGINGO, MINA, GERES, WARRAMUNGA.

IDC 13 19:22:33.4 1.6, 20.59Sx168.45E, h0km, mb3.8/6, mb1 4.1/7, mb1mx3.9/31, mbtmp3.8/7, ML3.6/1, Error ellipse: s-maj=25.0km s-min=2.0km az=143.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, WRA, ASAR, MJAR, CMAR, SONM, NVAR, GERES, TORD.

IDC 13 19:23:10.2 2.8, 20.38Sx168.26E, h0km, mb3.9/6, mb1 4.2/6, mb1mx4.0/29, mbtmp3.9/6, Error ellipse: s-maj=121.3km s-min=29.0km az=157.0, Loyalty Islands

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

IDC 13 19:26:28.0 1.9, 20.02Sx168.54E, h0km, mb3.9/7, mb1 4.2/8, mb1mx4.0/28, mbtmp3.9/8, ML3.7/1, Error ellipse: s-maj=61.8km s-min=23.9km az=143.0

NEIC 13 19:26:29.4 1.2, 20.62Sx168.55E, h10km, mb4.2/2, Error ellipse: s-maj=39.2km s-min=14.0km az=143.0

ISCJB 13 19:26:30.8 1.3, 20.55Sx168.4E, h2.0, h26km, mb3.9/9, Error ellipse: s-maj=38.5km s-min=10.2km az=43.5

ISC 13 19:26:31.7 1.5, 20.75Sx168.5E, h2.0, h26km, n12, s106/13, mb4.0/9, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, CTA, WRA, ASAR, MJAR, CMAR, CHTO, SONM, NVAR, ILAR, GERES.

IDC 13 19:32:46.2 4.0, 20.53Sx168.07E, h0km, mb4.0/5, mb1 4.3/6, mb1mx4.0/27, mbtmp3.9/6, ML3.8/1, Error ellipse: s-maj=60.6km s-min=24.3km az=136.0

ISCJB 13 19:32:49.9 1.5, 20.65Sx168.0E, h3.2km, mb4.0/5, Error ellipse: s-maj=47.5km s-min=20.1km az=42.6

ISC 13 19:32:50.8 1.7, 20.75Sx168.1E, h3.2km, n6, s085/7, mb3.9/5, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, WRA, ASAR, CMAR, SONM, NVAR, ILAR, GERES.

IDC 13 19:33:41.2 2.3, 6.88Sx129.38E, h0km, mb3.6/1, mb1 3.4/3, mb1mx3.2/36, mbtmp3.2/3, ML3.0/2, MS4.1/1, Ms1 4.3/1, ms1mx3.6/27, Error ellipse: s-maj=144.5km s-min=32.5km az=68.0, Banda Sea

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

IDC 13 19:36:25.4 2.0, 20.70Sx168.35E, h0km, mb4.0/4, mb1 4.3/5, mb1mx3.9/25, mbtmp4.0/5, ML3.6/1, Error ellipse: s-maj=76.9km s-min=24.8km az=146.0, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, WRA, ASAR, CMAR, NVAR.

2011 JAN

CSEM 13 19:37:17.5 0.3, 38.33Nx39.04E, h10km, MD2.7 DDA 13 19:37:17.1, 38.39N, 39.03E, h14km, MD2.7

ISC 13 19:37:17.2, 38.40N, 39.03E, h8km, MD2.8 ISC 13 19:37:17.6, 0.9, 38.37N, 0.02, 39.04E, h10km, n7km, n28, s055/54, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELZG, SVRC, MALT, PTK, AKCD, URFU, DYBB, ILIC, CUKAN, SVAN, MARD, KELT, HCB, AYKD, SVSK, KUZU, BRU2, BRU, BRU, BUS, QCR, CGAZ, CQZ, CGAZ.

CASC 13 19:47:20.3 2.0, 8.44N, 82.66W, h54km, 34km, MD4.1, 2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRU2, BRU, BRU, BUS, QCR, CGAZ, CQZ, CGAZ.

IDC 13 19:53:16.5 1.8, 20.78Sx168.44E, h0km, mb4.0/8, mb1 4.3/9, mb1mx4.1/26, mbtmp4.0/9, ML3.6/1, MS4.2/1, Ms1 4.2/1, ms1mx3.5/31, Error ellipse: s-maj=62.3km s-min=19.7km az=145.0

NEIC 13 19:53:17.1 1.3, 20.83Sx168.50E, h10km, mb4.2/2, Error ellipse: s-maj=46.3km s-min=14.1km az=150.0

ISC 13 19:53:19.8 2.0, 21.15Sx168.5E, h3.0, h30km, n13, s118/11, mb3.9/6, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, CTA, WRA, ASAR, JCJ, USRK, CMAR, SONM, NVAR, ILAR, GERES.

IDC 13 19:56:45.6 2.1, 6.95Sx129.14E, h0km, mb3.7/1, mb1 3.6/3, mb1mx3.3/30, mbtmp3.5/3, ML3.5/2, Error ellipse: s-maj=145.7km s-min=30.8km az=67.0, Banda Sea

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

KRNET 13 19:57:48.6 0.1, 39.76Nx75.22E, mb2.6, NNC 13 19:57:52.8 0.1, 39.40N, 75.25E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=15.5km s-min=10.3km az=168.0

ISC 13 19:57:50.6 2.4, 39.90N, 0.1, 75.22E, h10km, n24, s185/36, 27C-10D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OHH, ARLS, KZA, KZA, UCH, UCH, UCH, AML.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML, BOOM, TOKL, TOKL, KBK, KBK, AAK, AAK, AAK, EKS2, EKS2, TKM2, TKM2, CHMS, MNAS, MNAS, MNAS, KNDC, PDGK, PDGK, KK31, KK31, KK31.

BJI 13 20:07:21.7, 20.85Sx168.64E, h10km, mb4.7/27, mb5.3/18, Error ellipse: s-maj=19.4km s-min=16.5km az=126.0

NEIC 13 20:07:24.7 0.2, 20.44Sx168.40E, h10km, mb5.2/27, Error ellipse: s-maj=6.6km s-min=5.8km az=133.0

MOS 13 20:07:24.9 1.1, 20.54Sx168.40E, h21km, mb4.7/20, Error ellipse: s-maj=16.9km s-min=15.1km az=8.8

ISCJB 13 20:07:25.9 0.2, 20.56Sx168.04E, h26km, mb4.9/52, MS4.6/6, Error ellipse: s-maj=7.0km s-min=4.7km az=143.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, DZM, DZM, NFK, LHI, OUZ, ARMA, RMQ, URZ, URZ, URZ, BKZ, AFI, CTA, CTA, CNB, YNG, MTSU, QLP, RPZ, CMSA, MILA, COEN, STKA, QIS, HTT, BB00, BB00, WR0, WRAB, WRAB, WRA, AS01, ASAR, ASAR, WRKA, PPT, FITZ, FITZ, SIJI.

Table of astronomical observations for January 2011, including stations like SANI, NWAOW, and various celestial objects such as stars and galaxies.

Table of astronomical observations for January 2011, including stations like GRAC, BC3, BOD, and various celestial objects such as stars and galaxies.

Table of astronomical observations for January 2011, including stations like DZM, DZM, WRA, and various celestial objects such as stars and galaxies.

Table with columns: CTA, Charters Tower, 21.22 270 P, P, 20 37 50.6 +1.2, etc.

13d 20:36:29.4-6.1, 20:45S<167.98E, h0km, mb3.8/3, mb1 3.9/4, mb1mx3.7/34, mbtmp3.7/4, ML2.4/1, Error ellipse: s-maj=159.0km s-min=30.8km az=117.0, Loyalty Islands

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

ISCJB 13 20:37:12.0-4.0, 49.86N, 0103.1841E, 0.03, h0km, Error ellipse: s-maj=6.1km s-min=2.6km az=8.8

CSEM 13 20:37:13.0-4.0, 49.87N, 18.44E, h2km, ML2.5/4, Error ellipse: s-maj=6.1km s-min=3.4km az=8.0

IPEC 13 20:37:13.0-4.0, 49.83N, 18.55E, h0km, ML1.6/3, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

PRU 13 20:37:14.8, 49.85N, 18.44E, h0km

ISC 13 20:37:13.0-8.0, 49.86N, 0103.1847E, 0.02, h0km, n27, 0676/50, Czech and Slovak Republics

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

13d 20:37:37.9-3.6, 3.34S, 150.77E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.4/35, mbtmp3.5/3, ML1.7/1, Error ellipse: s-maj=136.3km s-min=43.0km az=114.0, New Ireland region

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

13d 20:37:43.1-2.3, 20.67S, 168.45E, h0km, mb3.7/5, mb1 4.0/6, mb1mx3.8/34, mbtmp3.7/6, ML2.8/1, Error ellipse: s-maj=83.6km s-min=30.4km az=146.0

ISC 13 20:37:45.5-2.4, 21.2S, 0.6, 168.6E, 0.3, h26km, n6, 0889/7, mb3.8/5, Loyalty Islands

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

13d 20:43:01.1-2.3, 21.2S, 168.85E, h0km, mb4.2/8, mb1 4.4/9, mb1mx4.1/29, mbtmp4.2/9, ML3.8/1, MS3.2/1, Ms1 3.2/1, ms1mx2.9/32, Error ellipse: s-maj=79.3km s-min=23.3km az=148.0

ISCJB 13 20:43:03.1-2.0, 21.2S, 0.4, 168.9E, 0.3, h25km, mb4.1/8, Error ellipse: s-maj=66.2km s-min=11.1km az=148.5

ISC 13 20:43:05.0-2.1, 21.3S, 0.4, 168.7E, 0.3, h25km, n10, 01914/11, mb4.1/8, Loyalty Islands

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

13d 20:43:52.4-2.5, 6.49S, 128.51E, h289km, 37km, mb2.4/1, mb1 3.2/5, mb1mx2.9/33, mbtmp3.8/5, Error ellipse: s-maj=56.4km s-min=16.4km az=89.0, Banda Sea

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

13d 20:50:34.2-1.5, 20.37S, 167.43E, h0km, mb4.1/4, mb1 4.4/4, mb1mx3.9/31, mbtmp4.1/4, MS3.8/2, Ms1 3.8/2, ms1mx3.2/30, Error ellipse: s-maj=42.3km s-min=25.1km az=127.0

ISCJB 13 20:50:38.6-1.4, 20.2S, 0.1, 167.3E, 0.2, h33km, mb4.0/4, MS3.8/2, Error ellipse: s-maj=32.0km s-min=12.2km az=15.9

ISC 13 20:50:39.5-1.3, 20.4S, 0.2, 167.4E, 0.3, h35km, n8, 01971/8, mb3.9/4, Loyalty Islands

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

13d 20:53:26.5-2.0, 20.61S, 168.20E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.8/34, mbtmp3.8/6, ML2.3/1, Error ellipse: s-maj=87.5km s-min=24.5km az=140.0

ISC 13 20:53:31.2-1.8, 20.7S, 0.3, 168.2E, 0.3, h32km, n6, 0484/7, mb3.8/5, Loyalty Islands

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

13d 20:58:25.4-2.1, 20.83S, 168.55E, h0km, mb3.9/7, mb1 4.2/8, mb1mx3.9/29, mbtmp3.9/8, ML4.1/1, Error ellipse: s-maj=82.2km s-min=21.7km az=149.0

NEIC 13 20:58:27.1-1.4, 20.76S, 168.49E, h10km, mb4.4/2, Error ellipse: s-maj=51.3km s-min=16.3km az=149.0

ISC 13 20:58:29.0-1.9, 21.2S, 0.5, 168.5E, 0.3, h30km, n11, 01271/11, mb3.9/7, Loyalty Islands

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

13d 21:04:32.9-5.6, 20.31S, 167.45E, h0km, mb3.8/3, mb1 4.1/3, mb1mx3.7/34, mbtmp3.8/3, Error ellipse: s-maj=112.4km s-min=31.9km az=98.0, Loyalty Islands

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

ASAR Alice Springs 31.25 258 P P 21 10 54.7 +0.1 2.6m, 0.5s, baz=83, slow=9, SNR=18

CMAR Chiang Mai Arr 77.42 295 P P 21 16 30.7 +0.2 0.2m, 0.6s, baz=120, slow=5, SNR=6

NIED 13 21:16:00.26, 80N, 142.97E, h8km, Mw4.3 Best double cluster: Mg3 61000, 1015 NP1=169.00000, 815.00000, 169.00000, NP2=11.00000, 876.00000, 196.00000, JMA 13 21:16:49.9-0.1, 26.84N, 142.88E, h6km, M4.0

NEIC 13 21:16:50.9-0.3, 26.80N, 142.56E, h10km, mb4.2/15, Error ellipse: s-maj=6.4km s-min=6.4km az=71.0

ISCJB 13 21:16:52.9-0.4, 26.95N, 0.0, 142.72E, 0.5, h33km, mb4.2/5, MS4.0/1, Error ellipse: s-maj=6.2km s-min=5.5km az=5.5

ISC 13 21:16:54.6-0.5, 26.87N, 0.05, 142.62E, 0.07, h33km, n61, 01505/67, mb4.1/35, Bonin Islands region

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

13d 21h

Table with columns: KMI, Kunming, 78.45 302, P, P, 21 44 40.8 +1.4, 21 44 46.4 -1.4, 21 44 50.3 -0.5

2011 JAN

Table with columns: BLA, Blacksburg, 118.73 58, ePKPdf, PKPdf, 21 51 27.4 +1.1, 21 51 28.3 -1.1

698

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

ISCJB 13 21:36:19.8:0.7, 39.73N:0.04:26.08E:0.07, h6km, 6km, Error ellipse: s-maj=9.2km s-min=5.4km az=17.8

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

CSEM 13 21:38:56.4:0.2, 35.45N:22.72E, h20km, MD3.6, Error ellipse: s-maj=4.4km s-min=2.8km az=56.0

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

NNC 13 21:33:45.7:10.0, 36.88N:69.65E, h140km, 253km, mb2.9, mpv3.7, Error ellipse: s-maj=92.8km s-min=75.7km az=16.0

ISC 13 21:33:43.6:4.8, 36.9N:0.2:69.7E:0.2, h10km, n10, 0542/12, 1C-5D, Hindu Kush region

Table with columns for station name, frequency, power, and coordinates. Includes stations like MAJO Matsuhiro, MAT Matsuhiro, MJAR Matsuhiro Arr, MJAR Matsuhiro, MJAR Matsuhiro, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like CLNS comp=Z,14nm,1.0s, CLNS comp=E,5.0nm,0.8s, HVS Khovu-Aksy, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like MAW Mawson, RAYN Ar Ray, VANDA Vanda, SDPT Sand Point, etc.

Table with columns: ANMO, Albuquerque, 121.64, 48, PKIKP, PKPpdf, 23 22 46.3 +0.6, etc.

IDC 13 23:04:39.3±0.8, 20°61'S; 168°32'E, h0km, mb4.7/15, mb1 4.8/17, mb1mx4.6/34, mbtmp4.6/17, MLJ=1/2, MS3.9/6, Ms1 3.9/6, ms1mx3.6/29, Error ellipse: s-maj=15.0km, s-min=15.9km, az=136.0

NEIC 13 23:04:41.0±0.3, 20°60'S; 168°31'E, h10km, mb4.7/3, Error ellipse: s-maj=11.0km, s-min=8.1km, az=140.0

ISCJBJ 13 23:04:41.9±0.5, 20°69'S; 168°37'E, h0.9, h26km, mb4.8/24, MS3.9/5, Error ellipse: s-maj=13.0km, s-min=13.0km

ISC 13 23:04:43.1±0.6, 20°75'S; 168°40'E, h26km, mb4.8, MS3.9/5, 4C, Loyalty Islands

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

Table with columns: NKLC, Novy Kostel, 144.92, 333, ePKP, PKPpdf, 23 24 18.0 +0.2, etc.

HLW 13 23:07:08.9, 34°08'N; 33°61'E, h30km, 31km, Md3.1

CSEM 13 23:07:08.9±0.1, 33°92'N; 33°71'E, h20km, ML3.3, Error ellipse: s-maj=3.2km, s-min=1.8km, az=69.0

NSCC 13 23:07:09.6±0.2, 34°02'N; 33°85'E, h14km, 52km, ML2.6

DDA 13 23:07:12.7, 34°48'N; 34°10'E, h8km, Md3.3

Gll 13 23:07:13.2±0.0, 33°68'N; 33°75'E, h24km, Md2.8

ISC 13 23:07:07.6±1.1, 33°92'N; 02°33'73"E, h15km, gkm, n131, r122/194, Eastern Mediterranean Sea

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

Table with columns: FKH, Fakeheh, 2.25, 81, eP, Pn, 23 27 45.9 +1.5, etc.

KFRA 13 23:07:08.9, 34°08'N; 33°61'E, h30km, 31km, Md3.1

CSEM 13 23:07:08.9±0.1, 33°92'N; 33°71'E, h20km, ML3.3, Error ellipse: s-maj=3.2km, s-min=1.8km, az=69.0

NSCC 13 23:07:09.6±0.2, 34°02'N; 33°85'E, h14km, 52km, ML2.6

DDA 13 23:07:12.7, 34°48'N; 34°10'E, h8km, Md3.3

Gll 13 23:07:13.2±0.0, 33°68'N; 33°75'E, h24km, Md2.8

ISC 13 23:07:07.6±1.1, 33°92'N; 02°33'73"E, h15km, gkm, n131, r122/194, Eastern Mediterranean Sea

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

IDC 13 23:17:31.74.5.0,04S:124:38E,h52km,42km,mb3.5/7, mb1 3.7/8, mb1mx3.5/38, mbtmp3.8/8, ML3.8/1, Error ellipse: s-maj=42.9km s-min=17.3km az=65.0

ISCJB 13 23:17:32.6.0.4,0.05S:0.05E:124:28E:0.04,h73km, mb3.9/13, Error ellipse: s-maj=7.4km s-min=5.7km az=7.3

NEIC 13 23:17:32.3.1.2,0.04S:124:39E,h62km,12km,mb4.2/6, Error ellipse: s-maj=14.7km s-min=6.4km az=57.0

DJA 13 23:17:35.6.0.6,0.0S:5:12E:4E,h102km,9km,M4.6/10, mb5.0/1,mb4.72,MLV4.6/10,MW(M)4.3/1

ISC 13 23:17:33.8.0.6,0.17S:0.06E:124:25E:0.05,h73km,n33, +1936/34,mb3.9/13,Southern Molucca Sea

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

KMSI Cibinong 0.79 340 P Pn 23 17 55.6 +5.7

KMSI Manado 1.71 240 P Pn 23 18 08.7 +6.9

LWU1 Luwuk 1.72 240 P Pn 23 18 06.6 +4.9

LWU1 Marisa 2.40 285 P Pn 23 18 12.4 +1.5

LWU1 Sanana 2.55 137 P Pn 23 18 13.4 +0.4

SANI Ampang 2.17 254 P Pn 23 18 18.9 +3.6

TNTI Ternate 3.15 73 P Pn 23 18 55.9 +1.2

LBMI Labuha 3.28 98 P Pn 23 18 24.2 +1.3

NLAI Namlea 4.17 137 P Pn 23 18 36.6 +1.5

PCI Palu 4.48 261 P Pn 23 18 41.8 +2.6

KRI Karang Ratu 4.59 127 P Pn 23 18 51.3 +2.3

TTSI Tana Toraja 5.27 237 P Pn 23 18 51.6 +1.5

SPSI Sidrap Palu 5.86 230 P Pn 23 18 59.1 +1.0

MMSI Mamuju 5.90 245 P Pn 23 19 08.0 +2.1

KAPI Kappang 6.59 223 P Pn 23 19 08.7 +0.7

KAPI 2.9m,0.3s,baz=217,slow=23,SNR=7.3

KAPI Kappang 6.59 223 P Pn 23 19 09.3 +1.3

KAPI Kota Kinabalu 10.12 308 ePn 23 19 27.1 +0.1

KSM Kuching 14.04 277 P Pn 23 20 49.5 +0.1

WRM Tennant Creek 21.99 154 eP 23 22 19.0 +0.7

WRA Warramunga Arr 22.00 154 P 23 22 21.6 -0.5

NACB Ninganchuan 24.33 354 eP 23 22 43.2 -1.7

PMG Port Moresby 24.58 113 eP 23 22 46.2 -1.1

ASAR Alice Springs 25.17 159 P 23 22 53.4 +0.8

CMAR Chiang Mai Arr 30.00 308 P 23 23 45.4 +0.7

CMAR 0.5m,0.3s,baz=346,slow=1.6,SNR=7.0

CHTO Chiang Mai 31.20 309 eP 23 23 47.0 +0.5

USRK Ussuriysk Arr. 44.71 8 P 23 25 39.1 -0.5

SOMN Songoing Array 50.27 344 P 23 26 22.2 -0.7

MKAR Makanchi Array 59.42 328 P 23 27 28.5 -0.4

ZALV Zalesovo Beam 62.99 335 P 23 27 51.6 -1.2

BPAW Bear Paw Mtn. 87.55 26 P 23 30 08.9 -6.1

LSZ Lusaka 95.81 25 eP 23 30 52.8 -0.3

TORD Torodi Arr. Besa 121.66 285 PKP 23 36 20.1 -0.2

ISCJB 13 23:18:49.8.0.9,27:3N:0.1:143:43E:0.08,h10km, mb4.1/8, Error ellipse: s-maj=17.9km s-min=8.9km az=159.4

IDC 13 23:18:49.8.2.0,27:16N:143:36E,h0km,mb3.7/2, mb1 4.0/3, mb1mx3.5/40, mbtmp3.7/3, ML3.8/1, Error ellipse: s-maj=13.1km s-min=26.9km az=40.0

NEIC 13 23:18:51.2.0.6,27:20N:143:40E,h10km,mb4.2/5, Error ellipse: s-maj=14.6km s-min=11.4km az=101.0

ISC 13 23:18:51.3.1.0,27:22N:0.1:143:43E:0.1,h10km,n11, +0530/13,mb4.2/8,Bonin Islands region

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

CBJ1 Chichi jima 1.06 265 ePn 23 19 12.4 +0.2

CBJ1 Chichijima 1.06 265 Pn 23 19 12.4 +0.2

WRA Warramunga Arr 47.67 192 P 23 27 27.8 -0.3

MKAR Makanchi Array 51.23 310 P 23 27 54.9 -0.2

KURK Kurchatov 53.67 314 eP 23 28 13.2 +0.2

KIV Kislovodsk 78.75 314 eP 23 30 54.4 +0.1

DUG Dugway Tooele 82.57 49 P 23 31 14.5 -0.4

MORC Moravsky Berou 89.53 328 eP 23 31 49.3 +0.4

STU Stuttgart 94.00 332 eP 23 32 09.8 +0.2

IDC 13 23:33:06.7.3.6,20:45S:168:29E,h0km,mb3.8/3, mb1 4.1/3, mb1mx3.7/28, mbtmp3.8/3, Error ellipse: s-maj=262.0km s-min=35.1km az=160.0

NEIC 13 23:33:08.1.0.5,20:46S:168:31E,h10km,mb4.3/9, Error ellipse: s-maj=17.3km s-min=10.2km az=180.0

ISC 13 23:33:09.5.0.8,20:8S:0.2:168:5E:0.1,h26km,n14, +f105/14,mb4.3/11,Loyalty Islands

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

RAO Raoul Island 14.93 127 ePn 23 36 43.5 -0.8

AFI Afiamalu 20.08 73 eP 23 37 42.3 +1.0

WRA Warramunga Arr 31.95 265 P 23 39 33.4 -0.2

ASAR Alice Springs 32.05 258 P 23 39 34.8 +0.4

COCO West Island 68.74 265 eP 23 44 11.9 +0.3

YSS Yuzh-Sakhalins 71.33 342 eP 23 44 25.3 -1.5

CHTO Chiang Mai 78.64 295 eP 23 45 10.2 +0.5

PMR Palmer 88.86 19 eP 23 46 00.9 0.0

ISA Isabella, Lake 89.51 51 eP 23 46 03.1 +0.5

DIV Divide 89.56 20 eP 23 46 02.0 -2.3

NVAR Mina Array Bea 90.40 49 P 23 46 09.7 +0.7

COLA College 91.76 17 eP 23 46 15.2 +0.8

NEW Newport 95.46 40 eP 23 46 32.4 +0.5

HWUT Hardware Ranch 96.42 48 eP 23 46 37.5 +0.9

NIED 13 23:33:00.38:10N:143:40E,h17km,Mw3.7 Best double couple: M4.07000:1015 NP1:az231.00000:0.8200000:1.2200000: NP2:az276.00000:0.8750000:1.13300000:0.4

JMA 13 23:33:13.4.0.2,38:12N:143:36E,h16km,4km,M4.1

IDC 13 23:33:13.4.2.7,38:26N:143:49E,h0km,mb3.7/5, mb1 3.7/6, mb1mx3.4/40, mbtmp3.6/6, ML3.2/1, Error ellipse: s-maj=67.2km s-min=31.1km az=71.0

ISCJB 13 23:33:14.5.1.2,38:14N:0.09:143:4E:0.1,h19km, mb3.6/3, Error ellipse: s-maj=14.2km s-min=11.1km

az=143.9

ISC 13 23:33:17.7.1.5,38:22N:0.08:143:1E:0.1,h19km,n15, +0579/17,mb3.5/5,Off east coast of Honshu

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

JJO Ojuri 1.43 281 P Pn 23 33 41.7 -0.8

OFJU Ofunato 1.48 209 P Pn 23 33 42.0 -0.8

JMR Jinoseki 1.68 282 P Pn 23 33 42.4 -0.6

JMM Marumori 1.82 260 P Pn 23 33 47.9 -0.9

JOM Okamura 1.95 275 eS 23 33 49.7 -0.1

JFK Kawachi 1.98 246 P Pn 23 33 48.5 -1.7

JYC Kaneaya 2.29 289 P Pn 23 33 54.5 +0.1

JFT Otsu 2.32 254 P Pn 23 33 55.1 +0.3

MJAR Matsushima Arr 4.26 249 Pn 23 34 23.1 +1.6

SOMN Songoing Array 28.30 302 P 23 39 10.9 +0.8

ZALV Zalesovo Beam 42.15 311 P 23 41 08.4 -0.2

MKAR Makanchi Array 44.67 319 Pn 23 41 29.3 +0.2

KURBB Kurchatov Arra 46.37 307 P 23 41 42.5 +0.1

WRA Warramunga Arr 58.43 190 P 23 43 11.6 -0.5

NIED 13 23:34:00.35:00N:141:30E,h23km,Mw4.4 Best double couple: M4.07000:1015 NP1:az22.00000:0.8450000:1.2200000: NP2:az276.00000:0.8750000:1.13300000:0.4

IDC 13 23:34:35.0.5.3,34:98N:141:31E,h0km,mb4.3/31, mb1 4.4/37, mb1mx4.3/45, mbtmp4.3/37, ML3.4/5, MS3.7/10, MS1 3.8/10, ms1mx3.3/47, Error ellipse: s-maj=13.2km

ISCJB 13 23:34:37.2.0.3,37:0N:0.04:141:34E:0.04,h27km, mb4.4/46, MS3.7/6, Error ellipse: s-maj=5.4km s-min=5.2km az=135.4

NEIC 13 23:34:37.7.2.1,34:96N:141:32E,h18km,13km,mb4.6/15, Error ellipse: s-maj=5.3km s-min=4.3km az=63.0

JMA 13 23:34:38.1.0.2,35:05N:141:31E,h21km,4km,M3.8

ISC 13 23:34:38.8.0.4,34:93N:0.04:141:31E:0.06,h27km,n79, +0959/79,mb4.4/46,MS3.8/6,Off east coast of Honshu

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

BS01 Boso 1 0.38 225 P Pn 23 34 47.9 -0.2

BS01 Boso 2 0.67 260 P Pn 23 34 52.0 -0.2

BS03 Boso 3 0.80 275 P Pn 23 34 53.9 -0.1

BS04 Boso 4 0.86 335 P Pn 23 34 52.1 -3.0

CHOU Choshi 1.03 299 P Pn 23 35 03.8 -0.9

JMT Yasato 1.56 325 P Pn 23 35 04.6 -0.5

JHJ Hachijo jima 2 2.20 216 Pn 23 35 13.7 +0.1

MJAR Matsushima Arr 2.99 303 ePn 23 35 25.8 +0.8

MAJO Matsushiro 2.99 303 Pn 23 35 25.8 +0.8

CBJ1 Chichi jima 7.84 174 Pn 23 36 30.7 -0.4

JCJ Chichijima 7.84 174 Pn 23 37 54.5 -4.5

JNU Nakatsue 8.84 261 Pn 23 36 45.5 +0.7

ASAJ Ashikawa 9.25 229 Pn 23 36 46.1 -4.0

ASAJ 0.9m,0.3s,baz=201,slow=6.4,SNR=2.7

ASAJ 0.5m,0.3s,baz=180,slow=20,SNR=2.7

ASAJ comp=2.489m,21.4s,baz=184,slow=42

KSRs Korea Arr 11.21 287 Pn 23 37 17.1 +1.3

KSRs comp=2.527m,19.6s,baz=94,slow=39

USRK Ussuriysk Arr 11.72 325 Pn 23 37 23.9 -0.2

USRK comp=2.370m,20.0s,baz=134,slow=37

PETK Petropavlovsk-21 25.28 LR 23 48 30.3

MA2 Magadan 25.43 11 P 23 40 04.2 +0.3

H1N2 WAKE ISLAND Hy 27.20 117 T 00 08 52.6

H1N1 WAKE ISLAND Hy 27.21 117 T 00 08 58.1

H1N3 WAKE ISLAND Hy 27.22 117 T 00 08 54.8

H1S1 WAKE ISLAND Hy 27.84 119 T 00 09 44.1

H1S3 WAKE ISLAND Hy 27.84 119 T 00 09 42.6

H1S2 WAKE ISLAND Hy 27.86 119 T 00 09 43.5

YAK Yakutsk 28.11 348 P 23 40 28.1 0.0

YAK comp=2.196m,20.0s,baz=98,slow=37

YAK Yakutsk 28.11 348 eP 23 40 28.0 0.0

ULN Ulaanbaatar 28.52 307 eP 23 40 32.4 +0.3

SEY Seymchan 28.87 10 P 23 40 34.9 +0.1

SOMN Songoing Array 28.94 307 P 23 40 35.7 -0.1

SOMN 0.3m,0.7s,baz=111,slow=7.2,SNR=8.2

TLY Talaya 31.68 314 P 23 43 40.5 +0.7

TIXI Tiksi 37.37 354 eP 23 41 48.2 -0.5

CMAR Chiang Mai Arr 40.92 258 P 23 42 19.2 +0.2

ZALV Zalesovo Beam 43.29 314 P 23 42 38.0 0.0

ZALV 1.5m,0.5s,baz=113,slow=3.5,SNR=4.4

NRK Noril'sk 45.15 336 P 23 42 52.8 +0.2

NRK comp=2.125m,18.2s,baz=91,slow=38

MKAR Makanchi Array 45.19 304 P 23 42 53.3 0.0

MKAR 0.4m,0.5s,baz=84,slow=1.1,SNR=3.2

KURK Kurchatov 47.19 310 P 23 43 09.4 0.0

KURBB Kurchatov Arra 47.25 310 P 23 43 09.4 0.0

COEN Coen 48.65 178 eP 23 43 21.2 +0.7

KDKA Kodiak Island 48.74 41 P 23 43 20.0 -0.8

TKM2 Tokmak 50.58 300 eP 23 43 35.6 +0.3

ILAR Eielson Array 51.33 31 P 23 43 40.4 0.0

AAK Ala-Archa 51.44 30 P 23 43 41.5 -0.2

AAK Ala-Archa 51.44 30 eP 23 43 42.3 +0.6

BVAR Borovoye Array 51.94 314 P 23 43 47.4 -0.4

BVAR 1.3m,0.7s,baz=60,slow=8.7,SNR=1.5

BVAR 1.4m,0.6s,baz=46,slow=4.5,SNR=4.0

BRVK Borovoye 52.00 314 eP 23 43 45.7 +0.1

KKAR Karatay Arr 54.13 301 eP 23 44 01.7 +0.3

4.8m,0.9s

WRAB Tennant Creek 54.95 188 eP 23 44 08.0 +0.5

WRA Warramunga Arr 54.97 188 P 23 44 08.0 +0.4

INR Inuvik 56.30 236 P 23 44 16.4 -0.3

ARU Aru 57.89 319 P 23 44 27.7 -0.4

ARU Aru 57.89 319 eP 23 44 27.6 -0.5

ASAR Alice Springs 58.69 188 P 23 44 34.6 +0.6

ABKAR Abukarray 59.24 311 P 23 44 37.3 -0.3

AKTO Aktyubinsk 60.03 313 P 23 44 43.0 0.0

DLBC Dlabat 60.3

ellipse: s-maj=7.9km s-min=5.4km az=28.0
PRU 13.23:53.12.3.1.51.44N.16.09E,h0km
ISC 13.23:53.09.9.1.1.51.56N.0.04:16.14E,0.04,h0km,n25,
c070/49,Poland

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

ISCJTB 14.00:22:09.7.0.5.38.39N.0.03:39.02E,0.03,h6km,4km
Error ellipse: s-maj=5.0km s-min=4.3km az=5.5
CSEM 14.00:22:09.8.0.2.38.41N.39.03E,h5km,MD2.5,Error
ellipse: s-maj=5.5km s-min=4.6km az=176.0
DDA 14.00:22:09.8.38.39N.39.02E,h7km,MD2.5
ISC 14.00:22:09.1.38.43N.39.01E,h5km,MD3.1
ISC 14.00:22:10.1.1.38.40N.0.02:39.01E,0.02,h12km,6km,
n33,c070/47,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ELZG Elazig, SVRC Sivrice-ELAZID, etc.

ISCJTB 14.00:25:49.5.0.9.6.85N.0.04:73.10W,0.06,h150km,9km,
Error ellipse: s-maj=10.1km s-min=5.8km az=28.1
FUNV 14.00:25:50.1.6.83N.73.09W,h172km,MW3.1
RNSC 14.00:25:51.9.1.6.81N.73.16W,h137km,8km,ML2.5
ISC 14.00:25:48.6.1.6.84N.0.05:73.08W,0.06,h160km,11km,
n13,c1549/23,Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BARC Barichara, GRMC Gramalote, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like YOPC Norcasia, HELC Santa Helena, etc.

IDC 14.00:27:58.0.0.8.27.40N:143.42E,h0km,mb3.8/12,
mb1 4.0/13,mb1mx3.9/43,mbtmp3.7/13,ML3.8/1,Error
ellipse: s-maj=24.4km s-min=16.0km az=153.0
NEIC 14.00:27:59.1.5.27.44N:143.40E,h6km,9km,mb4.3/17,
Error ellipse: s-maj=7.8km s-min=5.8km az=82.0
ISCJTB 14.00:28:01.7.0.4.27.44N:0.06:143.37E,0.05,h33km,
mb4.1/29,Error ellipse: s-maj=9.3km s-min=5.1km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CBIJ Chichi jima, JMA 14.00:28:01.7.0.3.27.53N:143.28E,h58km,M3.1, etc.

RSNC 14.00:28:10.7.1.1.3.81N.76.21W,h117km,11km,ML1.9,
Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MALC Bahia Malaga, POPC Popayan, etc.

ISCJTB 14.00:31:21.6.0.7.42.14N.0.02:26.19E,0.03,h2km,6km,
Error ellipse: s-maj=4.9km s-min=3.1km az=138.3
SOF 14.00:31:21.7.42.25N:26.23E,h6km
CSEM 14.00:31:22.3.0.2.41.97N:25.99E,h2km,MD3.1,Error
ellipse: s-maj=6.0km s-min=3.4km az=49.0
ISK 14.00:31:23.8.41.96N:26.26E,h6km,MD3.1
DDA 14.00:31:25.5.42.01N:26.77E,h4km,MD3.1
ISC 14.00:31:22.5.1.0.42.10N.0.02:26.17E,0.02,h12km,6km,
n101,c1549/120,100-20,Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like DIM Dimitrovgrad, JMB Yambol, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ERIK Eriki-Kesan, CRLT Corlu, etc.

IDC 14.00:35:31.2.1.7.6.13S:123.59E,h0km,mb3.2/2,
mb1 3.4/3,mb1mx3.9/33,mbtmp3.3/3,ML3.3/1,MS3.9/1,
MS1 3.9/1,ms1mx2.8/10,Error ellipse: s-maj=355.5km
s-min=28.5km az=59.0,Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WRA Warrunganga Arr, JAY Jayabaya, etc.

IDC 14.01:03:15.7.1.8.19.64S:169.04E,h0km,mb4.1/6,
mb1 4.3/6,mb1mx4.1/27,mbtmp4.1/6,MS3.3/4,MS1 3.2/4,
ms1mx2.9/27,Error ellipse: s-maj=79.7km s-min=26.6km
az=151.0

ISCJTB 14.01:03:16.3.1.1.19.6S:0.3:168.9E,0.2,h10km,mb4.2/8,
MS3.1/4,Error ellipse: s-maj=38.0km s-min=21.0km
az=159.8
NEIC 14.01:03:17.2.0.7.19.55S:168.92E,h10km,mb4.4/3,Error
ellipse: s-maj=31.0km s-min=14.7km az=156.0
ISC 14.01:03:17.3.1.1.19.6S:0.3:169.0E,0.2,h10km,n15,
c1505/13,mb4.1/8,MS3.2/4,Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CTA Charters Tower, CTAO Charters Tower, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes NEIC 14 02:14:19.1, 0.7, 19.88S; 168.08E, h10km, mb4.1/4, Error ellipse: s-maj=38.8km, s-min=10.4km, az=162.0.

ISC/JB 14 02:15:52.2-1.1, 27.1N; 0.1x143.69E; 0.08, h10km, mb3.7/5, Error ellipse: s-maj=15.7km, s-min=8.1km, az=152.7

IDC 14 02:15:52.9-1.4, 26.93N; 143.48E, h0km, mb3.7/5, mb1.3/8, mb1mx3.6/40, mbtmp3.7/8, ML3.2/3, Error ellipse: s-maj=29.4km, s-min=22.7km, az=62.0

JMA 14 02:15:53.8-0.3, 27.13N; 143.60E, h8km, M4.4, ISC 14 02:15:54.2-1.3, 27.1N; 0.1x143.5E; 0.1, h10km, n11, a1500/14, mb3.7/5, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes CBUJ Chichi jima, CJJ Chichijima, JHHJ Haha-jima-NKT, etc.

IDC 14 02:16:01.0-3.1, 19.05S; 167.27E, h0km, mb3.8/3, mb1.4/2.3, mb1mx3.7/29, mbtmp3.8/3, Error ellipse: s-maj=235.6km, s-min=32.3km, az=159.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array B, etc.

MOS 14 02:22:19.4-0.9, 20.91S; 168.51E, h10km, mb4.7/18, Error ellipse: s-maj=18.1km, s-min=16.3km, az=94.1

IDC 14 02:22:19.2-0.5, 20.92S; 168.55E, h0km, mb4.5/17, mb1.4/6/18, mb1mx4.6/27, mbtmp4.5/18, ML4.1/1, MS3.7/4, Ms1.3/7.4, ms1mx3.3/31, Error ellipse: s-maj=17.0km, s-min=10.3km, az=70.0

NEIC 14 02:22:21.2-0.2, 20.78S; 169.44E, h10km, mb5.0/28, Error ellipse: s-maj=17.3km, s-min=6.1km, az=103.0

ISC/JB 14 02:22:22.8-0.2, 20.88S; 0.04-168.42E; 0.05, h30km, mb4.7/50, MS4.3/5, Error ellipse: s-maj=6.7km, s-min=5.8km, az=10.7

BUJ 14 02:22:24.0, 20.56S; 167.55E, h10km, mb4.8/24, MB5.4/21, MS5.2/9, Ms7.4/8.9

ISC 14 02:22:24.0-0.4, 20.90S; 0.07x168.48E; 0.10, h30km, n184, a1509/165, mb4.8/48, MS4.8/5, 11C-1D, Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes HNR Honiara, ARMA Armadale, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes TBI Tubuai, PPT2 Papeete2, PPT2 Papeete2, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes GLA Glamis, J05D Fort Rock, GMRC Granite Mounta, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like CMB, AFDM, 003D, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MKAR, ZALV, BVAR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KENT, SKO, LAST, etc.

Table titled 'KRSC 14 02:41:53.14, 4.5211N157.89E, h172km, 10km, ML3.6, Kamotchatka Peninsula' with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res.

ISCJ 14 02:45:59.70, 4.5525S: 104.13036E, 0.08, h10km, mb4.1/13, Error ellipse: s-maj=11.3km s-min=5.3km az=161.9

ISC 14 02:46:00.9,0.6,545S;0.04;130.40E;0.06,h10km,n33,

+192/32,mb4.0/12,Banda Sea

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

IDC 14 02:53:17.3;3.5,20.94S;169.10E,h0km,mb3.5/3, mb1 3.9/3,mb1mx3.6/20,mbtmp3.5/3,Error ellipse: s-maj=259.8km s-min=32.6km az=160.0,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the IDC event.

IDC 14 02:55:24.1;1.3,39.53N;16.12E,h0km,mb3.7/5, mb1 3.6/7,mb1mx3.4/39,mbtmp3.6/7,ML2.1/2,Error ellipse: s-maj=45.0km s-min=19.1km az=124.0

ISCJB 14 02:55:31.9;0.4,39.07N;0.04;15.90E;0.07,h120km,4km, mb3.6/9,Error ellipse: s-maj=9.9km s-min=3.9km az=32.4

PDG 14 02:55:32.9;0.4,39.07N;0.04;15.90E,h112km,3km,ML3.5/9, Error ellipse: s-maj=0.9km s-min=0.2km az=0

CSEM 14 02:55:33.9;0.2,39.04N;15.98E,h100km,ML3.7,Error ellipse: s-maj=8.2km s-min=3.9km az=122.0

ROM 14 02:55:33.1;0.2,38.99N;15.76E,h111km,3km,ML3.7/2, Error ellipse: s-maj=2.9km s-min=1.6km az=113.0

ISC 14 02:55:32.3;0.9,39.01N;0.04;15.87E;0.05,h117km,6km, n71,1;1506/101,mb3.6/5,3C-14D,Southern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the IDC event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the STON event.

TAP 14 03:12:05.8,24.73N;122.36E,h10km,ML3.4,D ISCJB 14 03:12:06.9;0.6,24.76N;0.04;122.39E;0.02,h11km,5km, Error ellipse: s-maj=6.5km s-min=3.0km az=10.5

JMA 14 03:12:07.3;0.1,24.71N;122.36E,h26km,M2.7 ISC 14 03:12:06.7;1.0,24.72N;0.04;122.37E;0.02,h17km,9km, n28,1;1502/43,2D,Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the TAP event.

ISC 14 03:16:53.5,37.90N;27.35E,h15km,MD2.5 ISCJB 14 03:16:54.5;0.8,37.91N;0.04;27.32E;0.05,h22km,14km, Error ellipse: s-maj=7.6km s-min=5.7km az=141.5

CSEM 14 03:16:54.5;0.4,37.92N;27.33E,h20km,MD2.5,Error ellipse: s-maj=10.4km s-min=6.7km az=87.0

DDA 14 03:16:54.6,37.89N;27.31E,h7km,MD2.6 ISC 14 03:16:54.0;1.0,37.88N;0.04;27.33E;0.04,h14km,11km, n13,1;1504/22,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the ISC event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the BODT event.

DDA 14 03:20:60.0,37.37N;35.96E,h7km,MD2.5,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the DDA event.

NSSP 14 03:21:36.4,38.47N;45.40E,h5km,Ms3.6 AZER 14 03:21:42.0;0.0,38.17N;45.45E,h5km,Error ellipse: s-maj=13.5km s-min=6.1km az=233.0

TEH 14 03:21:42.3,38.38N;45.30E,h5km,ML3.6 THP 14 03:21:43.4;0.4,38.58N;45.46E,h5km,6km,ML3.5

IDC 14 03:21:43.2;1.3,38.50N;45.44E,h0km,mb3.7/6, mb1 3.5/10,mb1mx3.4/51,mbtmp3.5/10,ML2.3/3,Error ellipse: s-maj=17.4km s-min=5.1km az=169.0

CSEM 14 03:21:44.1;0.4,38.15N;45.40E,h5km,ML3.6,Error ellipse: s-maj=8.0km s-min=5.1km az=27.0

ISC 14 03:21:42.9;1.1,38.47N;0.02;45.49E;0.02,h2km,9km, n101,1;1512/130,mb3.6/6,27C-29D,Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the NSSP event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the ITBZ event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the NAX event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the IBST event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the TVAN event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the GDB event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the BRDA event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the LRK event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the GDB event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the GLBA event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the LKRN event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the ASTR event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the QZX event.

NEIC 14 06:50:41.6,52:15N,174:31W,h170km, MG3.5(AEIC),

After AEIC.

ISC 14 06:50:41.2-1.0,52.5N:0.1-174.39W:0.05,h150km,m4.2,

o144/34,mb3.77,Andreeof Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Korovin West, Mount Klostef, Korovin Flat P, Atka Island, etc.

ISC 14 06:59:33.6-0.7,20.94S:168:51E,h0km,mb4.4/11,

mb1 4.6/12,mb1mx3.4/3.24,mbmp4.4/12,MLA 0.1,MS3.8/4,

Ms1 3.8/4,ms1mx3.4/28, Error ellipse: s-maj=23.2km

s-min=20.6km az=147.0

NEIC 14 06:59:35.2-0.4,20.80S:168:51E,h10km,mb4.5/7, Error

ellipse: s-maj=12.3km s-min=10.0km az=159.0

ISCJB 14 06:59:36.7-0.6,20.89S:0.09:168:44E:0.09,h30km,

mb4.5/12,MS3.9/4, Error ellipse: s-maj=13.4km

s-min=12.4km az=147.0

ISC 14 06:59:40.6,20.95S:0.1-168:5E:0.1,h30km,n34,

o086/33,mb4.5/12,MS3.8/4,1C-4D,Loyalty Islands

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

ISC 14 07:12:44.3-60.0,18.93S:164:51E,h0km,mb3.6/3,

mb1 3.8/3,mb1mx3.6/26,mbmp3.6/3, Error ellipse:

s-maj=996.7km s-min=100.2km az=72.0,New Caledonia

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

ISC 14 07:13:58.2-1.0,20.59S:168:56E,h0km,mb3.9/7,

mb1 4.1/7,mb1mx3.9/28,mbmp3.9/7,MS3.6/1,Ms1 3.5/1,

ms1mx2.9/27, Error ellipse: s-maj=71.5km s-min=23.1km

az=144.0

ISCJB 14 07:14:00.6-1.6,20.6S:0.4:168:5E:0.3,h26km,mb3.9/7,

MS3.4/1, Error ellipse: s-maj=64.1km s-min=19.7km

az=145.1

ISC 14 07:14:02.1-1.8,20.7S:0.4:168:6E:0.3,h26km,m9,

o112/8,mb3.9/7,Loyalty Islands

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

MOS 14 07:24:35.0-1.2,17.22S:174:39W,h33km,mb4.0/5, Error

ellipse: s-maj=16.2km s-min=14.9km az=142.8

NEIC 14 07:24:42.4-1.5,17.04S:174:15W,h10km,14km,

mb4.9/10, Error ellipse: s-maj=14.9km s-min=9.8km

az=122.0

GCMT 14 07:24:42.4-0.2,17.07S:173:58W,h142km,2km,

MM5.1/83, Moment Tensor Solution. s40,c52; s83,c120;

Duration: 0. Moment tensor: Scale 1018N; Mr,0.74t,20;

Mw,0.13t,23; Mw,0.87t,21; Mw,0.38t,15; Mw,0.11t,26;

Mw,5.04t,13; Best double couple: Ms,5.15600x10¹⁶

NP1,ms4,0.00000*,886.00000*,198.00000* NP2:

ms123.00000*,89.00000*,130.00000*. Principal axes: T

S,1330, P,130, N,130, Azm183.00000*; P -5.1790, P1g4.00000*

Azm87.00000*; nst1 refers to surface waves, cutoff=50s;

ISCJB 14 07:24:44.7-0.7,17.13S:0.06:174:13W,0.09,h133km,

mb4.4/25 Error ellipse: s-maj=12.6km s-min=8.3km

az=14.1

ISC 14 07:24:46.3-0.7,17.07S:173:84W,h134km,4km,mb4.0/12,

mb1 4.2/13,mb1mx3.0/29,mbmp4.4/13,MS3.6/9,

Ms1 3.7/9,ms1mx3.5/24, Error ellipse: s-maj=22.5km

s-min=18.8km az=15.0

ISC 14 07:24:43.8-0.4,17.34S:0.08:174:07W:0.09,h108km,

n96,o187/71,mb4.6/25,SC-1D,Tonga Islands

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

ISC 14 07:27:55.3-0.7,6.81N:0.03:73:06W:0.04,h168km,7km,

Error ellipse: s-maj=7.7km s-min=4.5km az=33.6

OPUNJ 14 07:27:55.2,6.70N:73:22W,h174km, MW3.2

RSNC 14 07:27:58.9-1.0,6.79N:73:17W,h140km,km,ML2.8

ISC 14 07:27:55.0-1.4,6.80N:0.04:73:08W:0.05,h172km=10km,

n20,o1937/34,2D,Northern Colombia

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

MJAR Matsushiro Arr 70.01 321 P P 07 145 43.0 -1.0

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

ISCJB 14 07:27:55.3-0.7,6.81N:0.03:73:06W:0.04,h168km,7km,

Error ellipse: s-maj=7.7km s-min=4.5km az=33.6

OPUNJ 14 07:27:55.2,6.70N:73:22W,h174km, MW3.2

RSNC 14 07:27:58.9-1.0,6.79N:73:17W,h140km,km,ML2.8

ISC 14 07:27:55.0-1.4,6.80N:0.04:73:08W:0.05,h172km=10km,

n20,o1937/34,2D,Northern Colombia

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

WRAB	comp=Z,37nm,1.2s	32.02 265f	eP	P	10 52 18.5	-2.2	PHRA	Phrae	77.35 295	P	P	10 57 50.2	+1.2
WRAB	Tennant Creek			P			BJI	Beijing	77.53 322	P	P	10 57 49.5	0.0
WRAB	comp=Z,12nm,1.0s	32.02 265	eP	P	10 52 18.1	-2.6	BJI	Beijing		P	P		
WRAB	Tennant Creek			P			LAMP	Lampang	77.87 295	P	P	10 57 53.9	+2.0
WRA	Warramunga Arr	32.03 265	P	P	10 52 17.9	-2.9	KMI	Kumming	78.39 302	P	P	10 57 56.1	+1.1
WRA	comp=Z,1.5nm,0.4s,baz=88,slow=2.8,SNR=22			P	10 55 09.9	-0.3	KMI	Kumming		P	P		
WRA	comp=Z,1.5nm,0.9s,baz=88,slow=2.8,SNR=22			P	11 02 37.4	-1.3	KMI	Kumming		P	P		
WRA	comp=Z,1.2nm,1.0s,baz=63,slow=0.5,SNR=6.5			P	11 05 10.3		CM01	Chiang Mai Arr	78.39 295	eP	P	10 57 55.3	+0.5
WRA	comp=Z,2.46nm,18.6s,baz=90,slow=36			P	10 52 17.9	-2.9	CMAR	Chiang Mai Arr	78.42 295	eP	P	10 57 55.0	0.0
WRA	Warramunga Arr	32.03 265	P	P	10 55 10.0		CMAR	Chiang Mai Arr	78.42 295	eP	P	10 57 55.7	+0.7
WRA	comp=Z,2.0nm,0.4s			P			CMAR	Chiang Mai Arr		P	P		
WRA	comp=Z,2.0nm,0.9s			P			XAN	Xi'an	78.50 313	P	P	10 57 55.1	-0.1
AS08	Alice Springs	32.11 258	P	P	10 52 19.8	-1.7	XAN	Xi'an		P	P	10 57 59.8	-3.7
ASAR	Alice Springs	32.16 258	P	P	10 52 19.9	-2.1	XAN	Xi'an		P	P		
ASAR	comp=Z,17nm,0.7s,baz=80,slow=7.3,SNR=16			P	10 55 10.3	-0.3	CHTO	Chiang Mai	78.58 295	P	P	10 57 56.5	+0.6
ASAR	comp=Z,2.5nm,1.0s,baz=108,slow=3.0,SNR=5.7			P	11 02 37.5	-1.2	CHTO	Chiang Mai	78.58 295	eP	P	10 57 56.1	+0.3
ASAR	comp=Z,0.5nm,0.6s,baz=81,slow=1.2,SNR=8.2			P	11 04 49.2		CMAI	Chiengmai2	78.99 296	P	P	10 57 59.2	+0.9
ASAR	comp=Z,549nm,20.1s,baz=94,slow=36			P	10 52 24.2	-0.8	CD2	Chengdu	80.50 308	eP	P	10 58 06.6	+0.5
JAY	Jayapura	32.51 300	P	P	10 52 24.2	-0.8	CD2	Chengdu		P	P	10 58 11.3	-1.7
WRKA	Warakurna	37.24 255	P	P	10 53 04.3	-1.5	CD2	Chengdu		P	P	11 01 09.5	-0.4
KNRA	Kunururra	38.02 271	P	P	10 53 10.2	-2.2	CD2	Chengdu		P	P	11 08 13.8	+2.5
TBI	Tubuani	38.98 102	eS	S	10 59 16.5	-1.4	CD2	Chengdu		P	P	11 08 19.5	-3.3
TBI	comp=Z,431nm,29.8s			P	11 02 21.6		CD2	Chengdu		P	P		
TBI	comp=Z,293nm,28.5s			P	11 03 59.5		HHC	Hu-ho-hao-te	80.78 320	eP	P	10 58 08.4	+0.9
PPT2	Papeete2	39.65 93	eS	S	10 59 26.6	-1.5	HHC	Hu-ho-hao-te		P	P	11 08 16.3	+2.3
PPT2	comp=Z,530nm,27.8s			P	11 04 18.7		HHC	Hu-ho-hao-te		P	P	11 08 22.3	-2.1
PPT2	comp=Z,569nm,28.0s			P	10 53 24.0	-2.1	HHC	Hu-ho-hao-te		P	P		
PPT	Papeete	39.65 93	P	P	10 53 24.0	-2.1	HHC	Hu-ho-hao-te		P	P		
PPT	comp=Z,32nm,0.7s,baz=357,slow=19,SNR=4.3			P	11 08 32.8		HHC	Hu-ho-hao-te		P	P		
PPT	comp=Z,72nm,18.2s,baz=242,slow=34			P	10 53 24.0	-2.1	HHC	Hu-ho-hao-te		P	P		
PPT	Papeete	39.65 93	P	P	10 53 24.0	-2.1	HHC	Hu-ho-hao-te		P	P		
TIAR	Tiarei	39.87 93	eP	P	10 53 27.6	-0.3	LZH	Lanzhou	83.10 312	eP	P	10 58 20.8	+0.9
SJJI	Sorong	41.31 294	P	P	10 53 38.0	-1.8	LZH	Lanzhou		P	P	10 58 24.1	-0.4
SJJI	comp=Z,11nm,0.8s,baz=59,slow=8.1,SNR=7.1			P	10 53 38.0	-1.8	LZH	Lanzhou		P	P	10 58 25.6	-2.7
SJJI	Sorong	41.31 294	P	P	10 53 38.0	-1.8	LZH	Lanzhou		P	P	11 01 34.0	+2.6
SWI	Sorong	41.32 294	P	P	10 53 39.1	-0.8	LZH	Lanzhou		P	P		
PMOR	Pomarioi Ree	41.79 90	eP	P	10 53 43.5	-0.2	LZH	Lanzhou		P	P		
VAH	Vaihoo	41.98 90	eP	P	10 53 44.8	-0.5	LZH	Lanzhou		P	P		
VAH	comp=Z,125nm,0.9s			P	10 53 55.5	-0.8	LZH	Lanzhou		P	P		
VAH	comp=Z,146nm,1.0s			P	10 54 10.8	+1.0	LZH	Lanzhou		P	P		
NLAI	Namlea	43.84 288	P	P	10 54 13.6	+1.1	LZH	Lanzhou		P	P		
SANI	Sanana	45.36 288	P	P	10 54 13.3	+0.7	LZH	Lanzhou		P	P		
SANI	comp=Z,47nm,1.1s			P	10 54 103.4		LZH	Lanzhou		P	P		
RKT	Rikitea	52.25 104	eLR	LR	11 17 18.5		LZH	Lanzhou		P	P		
VNDA	Vanda	57.09 182	LR	LR	10 56 07.3	-0.5	LZH	Lanzhou		P	P		
VNDA	comp=Z,50nm,18.9s,baz=5.5,slow=33			P	10 56 16.5		LZH	Lanzhou		P	P		
KSM	Kuching	61.01 284	P	P	10 56 07.3	-0.5	LZH	Lanzhou		P	P		
KSM	comp=Z,27nm,1.1s			P	10 56 06.8	-1.0	LZH	Lanzhou		P	P		
KSM	comp=Z,27nm,1.1s			P	10 56 22.9	-1.9	LZH	Lanzhou		P	P		
MJAR	Matsushiro Arr	63.60 333	P	P	10 56 24.0	-0.7	LZH	Lanzhou		P	P		
MAJO	Matsushiro	63.60 333	eP	P	10 56 23.7	-1.0	LZH	Lanzhou		P	P		
MAJO	comp=Z,2.6nm,0.9s			P	10 56 44.4	+0.8	LZH	Lanzhou		P	P		
MAT	Matsushiro	63.60 333	P	P	10 57 00.1	-0.4	LZH	Lanzhou		P	P		
ERM	Erimo	66.53 340f	eP	P	10 57 00.1	-0.5	LZH	Lanzhou		P	P		
ERM	comp=Z,55nm,1.2s			P	10 57 09.4	-0.3	LZH	Lanzhou		P	P		
KRSR	Korea Arr	69.21 326	P	P	10 57 13.2	+1.3	LZH	Lanzhou		P	P		
KRSR	comp=Z,2.6nm,0.7s,baz=151,slow=7.6,SNR=7.3			P	10 57 14.9	-1.1	LZH	Lanzhou		P	P		
KSAR	Wonju Array Be	69.22 326	P	P	10 57 00.1	-0.5	LZH	Lanzhou		P	P		
NJ2	Nanjing	70.69 317	eP	P	10 57 09.4	-0.3	LZH	Lanzhou		P	P		
NJ2	comp=Z,12nm,0.7s			P	10 57 13.2	+1.3	LZH	Lanzhou		P	P		
YSS	Yuzh-Sakhalins	71.11 342	eP	P	10 57 14.9	-1.1	LZH	Lanzhou		P	P		
VLA	Vladivostok	71.77 333f	P	P	10 57 21.5	+0.5	LZH	Lanzhou		P	P		
VLA	comp=Z,22nm,0.8s			P	10 57 29.3	+0.5	LZH	Lanzhou		P	P		
USRK	Ussuriysk Ar	72.60 333	P	P	11 22 40.1		LZH	Lanzhou		P	P		
USRK	comp=Z,17nm,0.9s,baz=119,slow=3.4,SNR=18			P	10 57 29.3	+0.5	LZH	Lanzhou		P	P		
PETK	Petrovsk	73.96 353	P	P	10 57 29.3	+0.5	LZH	Lanzhou		P	P		
PETK	comp=Z,17nm,0.9s,baz=142,slow=7.4,SNR=12			P	10 57 29.3	+0.5	LZH	Lanzhou		P	P		
PETK	comp=Z,26nm,20.9s,baz=155,slow=30			P	10 57 29.3	+0.5	LZH	Lanzhou		P	P		
MDJ	Mudanjiang	73.96 332	P	P	10 57 28.4	-0.6	LZH	Lanzhou		P	P		
MDJ	comp=Z,16nm,1.0s			P	10 57 39.2		LZH	Lanzhou		P	P		
MDJ	comp=Z,160nm,5.0s			P	10 57 33.5	-1.2	LZH	Lanzhou		P	P		
MDJ	Mudanjiang	73.96 332	eP	P	10 57 47.2		LZH	Lanzhou		P	P		
MDJ	comp=Z,8.6nm,0.8s			P	10 57 47.2		LZH	Lanzhou		P	P		
HABR	Khabarovsk	74.95 338	eP	P	11 07 11.0	+0.6	LZH	Lanzhou		P	P		
HABR	comp=Z,510nm,19.0s			P	11 07 45.5		LZH	Lanzhou		P	P		
HABR	comp=Z,510nm,19.0s			P	11 11 59.8	0.0	LZH	Lanzhou		P	P		
HABR	comp=Z,71nm,2.5s			P			LZH	Lanzhou		P	P		
HABR	comp=E,51nm,2.5s			P			LZH	Lanzhou		P	P		
HABR	comp=N,33nm,2.5s			P			LZH	Lanzhou		P	P		
HABR	comp=Z,59nm,19.0s			P			LZH	Lanzhou		P	P		
CN2	Changchun	75.23 329	eP	P	10 57 36.3	-0.1	LZH	Lanzhou		P	P		
CN2	comp=Z,10.0nm,0.6s			P	10 57 39.2		LZH	Lanzhou		P	P		
NIKH	Nikolski High	75.82 14	eP	P	10 57 39.3	+0.3	LZH	Lanzhou		P	P		
NIKH	comp=Z,1.0nm,0.6s			P	10 57 42.9	+0.8	LZH	Lanzhou		P	P		
GYA	Gulyang	76.02 305	P	P	11 00 35.4	+2.9	LZH	Lanzhou		P	P		
GYA	comp=Z,162nm,0.8s			P	11 07 25.8	+2.3	LZH	Lanzhou		P	P		
GYA	comp=Z,20nm,1.0s			P			LZH	Lanzhou		P	P		
GYA	comp=Z,120nm,7.2s			P			LZH	Lanzhou		P	P		
GYA	comp=Z,530nm,19.6s			P			LZH	Lanzhou		P	P		
GYA	comp=Z,510nm,19.0s			P			LZH	Lanzhou		P	P		
GYA	comp=Z,550nm,19.4s			P			LZH	Lanzhou		P	P		
SRDT	SRDT	76.48 291	P	P	10 57 45.4	+1.2	LZH	Lanzhou		P	P		
SRDT	comp=Z,76nm,1.4s			P	10 57 48.6	+3.1	LZH	Lanzhou		P	P		
UTHA	Uthai	76.72 292	P	P	10 57 46.4	+0.4	LZH	Lanzhou		P	P		
UTHA	comp=Z,2.7nm,1.2s			P	11 28 24.3		LZH	Lanzhou		P	P		
MAW	Mawson	76.96 202	P	P	10 57 46.6	+0.6	LZH	Lanzhou		P	P		
MAW	comp=Z,9.0nm,0.8s,baz=116,slow=7.2,SNR=9.5			P	10 57 46.8	+0.8	LZH	Lanzhou		P	P		
MAW	comp=Z,98nm,19.2s,baz=60,slow=33			P	10 57 49.8	+2.2	LZH	Lanzhou		P	P		
MAW	Mawson	76.96 202	P	P	10 57 49.8	+2.2	LZH	Lanzhou		P	P		
MAW	comp=Z,3.9nm,0.9s			P									

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PVAQ, Vaqueiros, PNCL, EGRO, PMAFR, PBAR, EMIN, PMTG, ESPR, EBAD, PMRV, etc.

IDC 14 11:14:12.3:2.9,54:12N:87:22E, h0km, mb1 2.9/2, mb1mx2.8/41, mbtbp2.9/2, ML2.4/2, Error ellipse: s-maj=25.5km s-min=16.6km az=63.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like H46RU, ZALV, ZALV, KURBB, MKAR, MKAR, MKAR, etc.

JMA 14 11:33:07.4:0.2, 29:90N:139:64E, h425km, M3.8 IDC 14 11:33:08.4:1.1, 29:83N:139:07E, h395km, 12km, mb3.0/16, mb1 3.2/20, mb1mx3.6/20, mbtbp3.8/20, Error ellipse: s-maj=19.2km s-min=10.3km az=73.0

ISC 14 11:33:08.0:0.6, 29:88N:139:3E:0.1, h388km, n30, r142/41, mb3.2/17, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like JHJ2, JHJ2, JHJ, JHJ, CBJJ, CBJJ, CBJJ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like FINES, NOA, NVAR, BRTR, TXAR, etc.

IDC 14 11:52:12.7:1.9, 19:30S:169:01E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.7/18, mbtbp3.6/4, Error ellipse: s-maj=117.1km s-min=29.7km az=154.0, Vanuatu Islands

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

ISCJB 14 11:54:51.0:0.7, 15:9S:0:2:173:5W:0:2, h10km, mb3.9/9, Error ellipse: s-maj=35.5km s-min=10.1km az=136.9, IDC 14 11:54:51.2:0.8, 16:10S:173:40W, h0km, mb3.9/8, mb1 4.2/8, mb1mx4.0/22, mbtbp3.9/8, MS3.2/1, Ms1 3.2/1, ms1mx2.7/28, Error ellipse: s-maj=47.4km s-min=18.0km az=140.0

NEIC 14 11:54:52.6:0.7, 16:00S:173:39W, h10km, mb4.1/1, Error ellipse: s-maj=35.2km s-min=11.7km az=137.0, ISC 14 11:54:52.5:0.9, 16:05S:173:40W:0:2, h10km, n25, r102/14, mb3.9/9, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AFI, RAR, PAE, PPT2, TBI, URZ, RKT, H1S2, H1S3, H1S1, H1N3, H1N1, H1N2, STKA, WRAB, WRA, ASAR, ASAR, TXAR, PDAR, ILAR, ARCES, BRTR, etc.

IDC 14 11:56:41.2:3.0, 19:43S:167:58E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.6/20, mbtbp3.6/3, Error ellipse: s-maj=228.6km s-min=31.9km az=159.0, Vanuatu Islands region

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

IDC 14 11:57:55.7:1.6, 15:24S:173:36W, h0km, mb3.6/6, mb1 3.9/6, mb1mx3.8/23, mbtbp3.6/6, MS3.3/4, Ms1 3.3/4, ms1mx2.9/29, Error ellipse: s-maj=98.0km s-min=22.6km az=146.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like AFI, AFI, PAE, PPT2, TBI, RKT, H1S2, H1S3, H1S1, H1N3, H1N1, H1N2, STKA, WRA, ASAR, SIJ, JHJ, JNU, TXAR, ILAR, etc.

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

ISCJB 14 12:00:17.5:0.9, 30:12N:0:05:51:4E:0:1, h15km, Error ellipse: s-maj=13.9km s-min=5.8km az=160.2, THR 14 12:00:17.2:0.3, 30:17N:0:04:51:65E:0:0, h15km, ML3.6, TEH 14 12:00:17.3:0:07N:51:51E, h31km, ML3.4, CSEM 14 12:00:20.5:0.5, 30:11N:51:64E, h30km, ML3.4, Error ellipse: s-maj=20.1km s-min=6.9km az=80.0, ISC 14 12:00:18.8:1.1, 3:01N:44:04:51:65E:0:0, h15km, n26, r092/62, 8C-9D, Northern and central Iran

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like IKAZ, IKAZ, IKAZ, IKAZ, IPAR, IPAR, IPAR, AHB, AHRAM, ISRV, ISRV, ISRV, ISRV, GHIR, GHIR, GHIR, GHIR, IGAR, IGAR, IGAR, ISAD, ISAD, ISAD, IPIR, IPIR, IPIR, IZEF, IZEF, IZEF, NASN, NASN, NASN, IMEH, IMEH, ICHK, ICHK, ICHK, IKLH, IKLH, IKLH, IBAF, IBAF, IBAF, etc.

IDC 14 12:03:54.5:1.6, 17:46N:145:80E, h0km, mb3.3/4, mb1 3.7/4, mb1mx3.3/30, mbtbp3.3/4, Error ellipse: s-maj=288.2km s-min=22.5km az=111.0, Mariana Islands

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

IDC 14 12:13:39.4:1.9, 19:74S:168:03E, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.8/23, mbtbp3.7/4, Error ellipse: s-maj=111.4km s-min=29.8km az=154.0, Vanuatu Islands

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

CSEM 14 12:20:15.9, 39:85N:32:40E, h10km, MD2.6, Suspected Mining explosion, Turkey

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

CSEM 14 12:20:17.9:0.2, 40:44N:21:89E, h6km, MD3.0, Error

ISC 14 12:30:19.8,0.8,20.6S:02:168.4E:0.1,h26km,n27,
+083/26,mb4.5/16,MS3.6/5, Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, CTA Charters Tower, PMG Port Moresby, etc.

ISCJCB 14 12:31:57.0,0.7,31.82S:01:03.69:82W:0.04,h119km,7km,
Error ellipse: s-maj=6.2km s-min=4.3km az=4.1

SJA 14 12:31:56.7,1.2,31.85S:69.80W,h116km,6km,ML3.2,
MW3.6

GUC 14 12:31:57.0,0.5,31.83S:70.21W,h132km,7km,ML3.5

ISC 14 12:31:57.8,1.5,31.82S:00:46.82W:0.04,
h114km,12km,n24,+067/38,1C-1D,San Juan Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RTL Leoncito, RUS Upsallata, RTVC Cerro Valdivia, etc.

ISC 14 12:53:32.1,0.8,20.61S:168.30E:h0km,mb4.2/11,
mb1.4/3/2,mb1mx4.1/32,mbtmp4.2/12,ML3.9/1,MS3.4/6,
Ms1.3/4.6,ms1mx3.1/27,Error ellipse: s-maj=24.0km
s-min=19.8km az=142.0

NEIC 14 12:53:33.4,0.5,20.57S:168.29E,h10km,mb4.3/4,Error
ellipse: s-maj=14.1km s-min=11.8km az=163.0

ISCJCB 14 12:53:34.0,0.6,20.75S:01:168.2E:0.1,h26km,mb4.1/14,
MS3.3/6,Error ellipse: s-maj=15.6km s-min=14.8km
az=160.3

ISC 14 12:53:35.8,0.7,20.65S:01:168.3E:0.1,h26km,n26,
+096/21,mb4.2/14,MS3.4/6, Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, AFI Afiamalu, CTA Charters Tower, etc.

WRAB Tennant Creek 31.81 265 eP P 12 59 57.8 -0.7

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

ISC 14 12:54:19.9,3.8,4.17S:-150.71E,h0km,mb3.5/3,
mb1.3/7.4,mb1mx3.5/35,mbtmp3.5/4,ML1.2/1,MS3.0/2,
MLc1.3/2,ms1mx1.7/18,Error ellipse: s-maj=130.5km
s-min=29.3km az=106.0,New Britain region

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

RSNC 14 13:01:44.8,0.9,3.19N:74.52W,h2km,7km,ML2.1,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SJAC San Juan de Ar, SJAC Villavicencio, etc.

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

CSEM 14 13:19:40.6,0.2,37.89N:29.08E,h15km,MD2.8,Error
ellipse: s-maj=4.4km s-min=3.3km az=113.0

ISK 14 13:19:40.0,37.88N:29.08E,h17km,MD2.8

ISCJCB 14 13:19:41.1,0.5,37.91N:02:29.06E:0.04,h8km,6km,
Error ellipse: s-maj=5.2km s-min=3.7km az=27.7

DDA 14 13:19:41.9,37.95N:29.08E,h7km,MD2.7

ISC 14 13:19:40.7,0.8,37.88N:02:29.12E:0.03,h13km,6km,
n23,+065/40,Turkey

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

ISCJCB 14 13:22:30.8,0.9,27.1N:01:143.89E:0.09,h10km,
mb3.5/5,Error ellipse: s-maj=17.2km s-min=11.8km
az=176.7

ISC 14 13:22:31.4,1.0,27.02N:143.84E,h0km,mb3.5/5,
mb1.3/8.6,mb1mx3.5/52,mbtmp3.5/6,ML3.6/1,Error
ellipse: s-maj=27.6km s-min=23.0km az=102.0

ISC 14 13:22:32.9,1.1,27.1N:01:143.78E:0.09,h10km,n7,
+095/9,mb3.5/5,Bonin Islands region

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

IDC 14 13:28:48.2,9,20.90S:168.39E,h0km,mb3.8/5,
mb1.4/1.5,mb1mx3.9/30,mbtmp3.8/5,MS3.4/2,Ms1.3/4.2,
ms1mx2.2/26,Error ellipse: s-maj=123.6km
s-min=82.0km az=156.0,Loyalty Islands

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

CSEM 14 13:39:01.7,37.54N:42.43E,h6km,MD2.9,Suspected
Mining explosion.

DDA 14 13:39:01.7,37.54N:42.43E,h6km,MD2.9,Suspected
Mining explosion.,Turkey

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

DDA 14 13:39:03.7,38.54N:40.23E,h7km,MD2.9

CSEM 14 13:39:06.7,0.6,38.73N:40.25E,h10km,MD2.8,Error
ellipse: s-maj=16.8km s-min=12.7km az=24.0

ISK 14 13:39:06.2,38.77N:40.34E,h20km,MD2.8

ISC 14 13:39:06.3,1.2,38.78N:05:40.32E:0.03,h14km,11km,
n14,+087/21,Turkey

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

TAP 14 13:42:01.9,22.28N:120.02E,h28km,1km,ML2.9,D,
Taiwan

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

Table with columns for station code, name, frequency, and other details. Includes stations like WSI Waingapu, KAPI Kappang, GTOI Gorontalo, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like XMI Christmas Isla, PPBI Pangkal Pinang, LHSI Lahat, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like SUKH Sukhothai, PHRA Phrae, LAMP Lampang, etc.

14d 16h

Table with columns for station name, frequency, power, and signal quality. Includes stations like DCZ Deep Cove, CN2 Changchun, DFM Fox Glacier, etc.

2011 JAN

Table with columns for station name, frequency, power, and signal quality. Includes stations like WMQ comp=Z,17nm,1.0s, MOY comp=Z,25nm,2.0s, etc.

728

Table with columns for station name, frequency, power, and signal quality. Includes stations like MAW Mawson, WSAR Wadi Sarin, BVAO Borovoye Array, etc.

YKA	Yellowknife Ar	108.14	26	Pd	Pd	16 53 29.8	-1.2
YKA	comp=Z,1.1nm,0.7s,baz=292,slow=4.8,SNR=7.9			PKIKP	PKIKP	16 57 36.8	0.0
YKA	comp=Z,1.1nm,0.7s,baz=294,slow=1.6,SNR=15			PKIKP	PKIKP	17 08 48.9	-2.6
HFS	comp=Z,1.2nm,0.6s,baz=110,slow=3.2,SNR=20			PKIKP	PKIKP	16 57 37.3	-0.5
HFS	comp=Z,1.5nm,0.9s,baz=63,slow=3.6,SNR=4.8			PKIKP	PKIKP	16 57 44.0	-0.5
GERES	comp=Z,1.7nm,0.5s,baz=49,slow=2.4,SNR=11			PKIKP	PKIKP	16 57 44.0	-0.5
GERES	comp=Z,2.0nm,0.5s			PKIKP	PKIKP		
NVAR	Mina Array Bea	111.95	51	PKIKP	PKIKP	16 57 46.3	+1.2
CIS	Catalina Island	112.54	57	P	P	16 57 46.4	+0.3
EDW2	Edwards Air Fo	112.70	55	P	PKIKP	16 57 47.1	+0.7
MSO	Missoula	113.36	42	P	PKIKP	16 57 47.8	+0.4
GSC	Goldstone, Bar	113.65	60	P	PKIKP	16 57 49.6	+1.4
TPNV	Topopah Spring	113.79	53	P	PKIKP	16 57 49.2	+0.6
HLID	Halley	113.85	45	P	PKIKP	16 57 49.3	+0.8
R11A	Troy Canyon, C	114.07	51	P	PKIKP	16 57 50.3	+1.2
PFO	Phynon Flats O	114.13	56	P	PKIKP	16 57 50.6	+1.3
DAVOX	Davos/Dischmat	114.97	319	PKP	PKP	16 57 50.8	+0.3
IRM	Iron Mountain	115.12	56	P	PKIKP	16 57 51.0	0.0
EGMT	Eagleton	115.72	40	P	PKIKP	16 57 52.8	+1.0
DUG	Dugway, Toeole	115.80	49	P	PKIKP	16 57 52.8	+0.5
BW06	Boulder Array	117.49	45	P	PKIKP	16 57 55.7	+0.1
PDAR	Pinedale Array	117.49	45	PKP	PKP	16 57 55.9	+0.3
PDAR	comp=Z,1.3nm,0.7s,baz=244,slow=1.7,SNR=13			PKIKP	PKIKP	17 08 20.8	+0.8
WUAZ	Wupatki	117.93	54	P	PKIKP	16 57 56.9	+0.4
KEST	Kesra	118.19	307	PKP	PKP	16 57 58.1	+1.1
KEST	comp=Z,2.9nm,0.6s,baz=314,slow=3.2,SNR=5.5			PKIKP	PKIKP	17 08 18.6	-0.7
EKA	Eskdalemuir Ar	118.80	331	PKP	PKP	16 57 57.3	0.0
DGMT	Dagmar	119.00	38	P	PKIKP	16 57 59.2	+1.2
TUC	Tucson	119.04	57	P	PKIKP	16 57 59.6	+0.9
020A	White River Ci	119.20	48	P	PKIKP	16 57 59.5	+0.6
A25A	Svangstu Ranch	119.45	37	P	PKIKP	16 57 59.9	+1.0
MVCO	Mesa Verde	119.80	51	P	PKIKP	16 58 01.0	+0.8
C25A	Freed Ranch, W	119.89	38	P	PKIKP	16 58 01.3	+1.5
D25A	Fairfield	120.08	39	P	PKIKP	16 58 01.9	+1.7
A26A	Wade Farm, Ken	120.11	36	P	PKIKP	16 58 01.2	+1.0
SFJD	Kangerlussuaq	120.13	360	PKP	PKP	16 57 59.3	-0.3
F25A	comp=Z,2.5nm,0.5s,baz=44,slow=3.4,SNR=7.3			PKIKP	PKIKP	16 58 01.9	+0.9
N23A	Red Feather La	120.64	46	P	PKIKP	16 58 02.4	+0.7
RSSD	Black Hills	120.83	42	P	PKIKP	16 58 02.2	+0.2
S22A	4UR Ranch, Cre	120.93	50	P	PKIKP	16 58 03.0	+0.6
F26A	Lodgepole	121.03	40	P	PKIKP	16 58 02.4	+0.3
I25A	Rochford	121.07	42	P	PKIKP	16 58 02.3	-0.1
ISCO	Idaho Springs	121.22	47	P	PKIKP	16 58 03.2	+0.2
J25A	Sunshine Ranch	121.26	43	P	PKIKP	16 58 02.4	-0.2
B28A	Dugan Ranch, T	121.30	36	P	PKIKP	16 58 02.9	+0.4
G26A	Maurine	121.31	40	P	PKIKP	16 58 03.3	+0.7
H27A	Lemmon	121.44	40	P	PKIKP	16 58 03.9	+1.1
F26A	Fairpoint	121.47	41	P	PKIKP	16 58 04.0	+1.0
121A	Cookes Peak, D	121.48	56	P	PKIKP	16 58 04.4	+1.0
I26A	New Underwood	121.64	42	P	PKIKP	16 58 03.9	+0.6
G27A	Dupree	121.70	40	P	PKIKP	16 58 03.7	+0.3
A29A	Manning Farm,	121.73	35	P	PKIKP	16 58 04.1	+0.8
J26A	Sides Ranch, S	121.78	43	P	PKIKP	16 58 03.8	+0.2
B29A	Wagenman Farm,	121.89	36	P	PKIKP	16 58 04.4	+0.8
H27A	Howes	121.92	41	P	PKIKP	16 58 04.3	+0.5
SDCO	Great Sand Dun	121.94	50	P	PKIKP	16 58 05.3	+0.9
138A	Huff	121.96	38	P	PKIKP	16 58 04.4	+0.6
FRB	Frobisher Bay	121.96	9	PKP	PKP	16 58 03.3	+0.1
ANMO	Albuquerque	121.98	53	PKP	PKP	16 58 06.2	+1.8
ANMO	comp=Z,3.0nm,1.0s			PKIKP	PKIKP	16 58 05.0	+0.6
ANMO	Albuquerque	121.98	53	P	PKIKP	16 58 05.0	+0.6
I27A	Quinn	122.16	42	P	PKIKP	16 58 04.9	+0.6
A30A	Hoffart Farm,	122.26	35	P	PKIKP	16 58 04.7	+0.4
D29A	Pettibone, Tap	122.41	38	P	PKIKP	16 58 05.2	+0.6
G28A	Parade	122.48	40	P	PKIKP	16 58 05.3	+0.5
B30A	Myrvik Farm, E	122.49	36	P	PKIKP	16 58 05.3	+0.6
H28A	Mission Ridge	122.58	41	P	PKIKP	16 58 05.5	+0.5
C30A	Mose, Pekin	122.77	36	P	PKIKP	16 58 05.9	+0.6
I28A	Midland	122.77	41	P	PKIKP	16 58 05.5	+0.1
F29A	Eureka	122.83	39	P	PKIKP	16 58 05.6	+0.1
B31A	Greenbush Farm	122.89	35	P	PKIKP	16 58 05.7	+0.2
ULM	Lac du Bonnet	122.91	33	PKP	PKP	16 58 04.7	-0.8
T25A	Trinidad	122.95	50	P	PKIKP	16 58 07.2	+1.0
J28A	Allard Ranch,	122.96	42	P	PKIKP	16 58 06.7	+0.8
E30A	Jud	123.09	38	P	PKIKP	16 58 06.5	+0.5
H29A	Onida	123.12	40	P	PKIKP	16 58 06.4	+0.3
C31A	Landman Farms,	123.16	36	P	PKIKP	16 58 06.6	+0.6
I29A	Vivian Onida	123.33	41	P	PKIKP	16 58 06.9	+0.4
B32A	Ashes, Strandq	123.54	35	P	PKIKP	16 58 06.6	-0.2
J29A	Okreek	123.58	42	P	PKIKP	16 58 08.2	+1.2
G30A	Faulkton	123.58	39	P	PKIKP	16 58 07.8	+0.9
MNTX	Cornudas Mount	123.65	57	P	PKIKP	16 58 08.6	+1.1
E31A	Nome	123.68	37	P	PKIKP	16 58 07.4	+0.4
A33A	Warroad	123.90	34	P	PKIKP	16 58 07.8	+0.4

J30A	Dallas	124.16	41	P	PKP	16 58 08.5	+0.4
Q28A	Sharon Springs	124.23	47	P	PKP	16 58 09.8	+1.3
K30A	Bassett	124.36	42	P	PKP	16 58 09.5	+0.9
N29A	Votaw Ranch, W	124.43	45	P	PKP	16 58 09.4	+0.6
I31A	Royce, Wessing	124.47	40	P	PKP	16 58 09.4	+0.8
R28A	Tribune	124.50	48	P	PKP	16 58 09.8	+0.8
B34A	Aery, Baudette	124.55	34	P	PKP	16 58 08.9	+0.2
O29A	4D Ranch, Culb	124.58	45	P	PKP	16 58 09.5	+0.5
D33A	AnnSam, Waubunt	124.60	36	P	PKP	16 58 09.1	+0.3
P29A	Atwood	124.68	46	P	PKP	16 58 09.9	+0.6
C34A	RKJ Ranch, Bem	124.86	35	P	PKP	16 58 09.8	+0.5
Q29A	Oakley	124.91	47	P	PKP	16 58 10.0	+0.2
H32A	Carlson Farm,	124.95	39	P	PKP	16 58 10.2	+0.6
R29A	Marienthal	124.97	48	P	PKP	16 58 10.1	+0.2
F33A	5 Mile Ranch,	125.00	37	P	PKP	16 58 09.5	-0.1
D34A	Park Rapids	125.00	36	P	PKP	16 58 09.7	+0.1
L31A	Butterfield Fa	125.09	42	P	PKP	16 58 10.3	+0.4
G33A	Ortonville	125.23	38	P	PKP	16 58 10.7	+0.7
H33A	Frehn Over Nor	125.30	39	P	PKP	16 58 10.7	+0.5
M31A	Lambrecht Ranch	125.35	43	P	PKP	16 58 10.8	+0.3
C35A	Atwood Farms, M	125.36	35	P	PKP	16 58 10.6	+0.3
Q30A	Quinter	125.43	47	P	PKP	16 58 11.3	+0.6
K32A	Verdige	125.45	42	P	PKP	16 58 10.6	0.0
TXAR	Lajitas Array	125.64	59	PKP	PKP	16 58 11.2	-0.3
R30A	Dighton	125.65	47	P	PKP	16 58 12.1	+1.0
D35A	Remer	125.66	35	P	PKP	16 58 11.0	+0.1
S30A	Montezuma	125.75	48	P	PKP	16 58 12.3	+0.9
AMTX	Amarillo	125.75	52	P	PKP	16 58 11.8	+0.3
P31A	Stockton	125.82	46	P	PKP	16 58 12.4	+1.0
ECSD	ERIC Data Cent	125.83	40	P	PKP	16 58 11.7	+0.4
H34A	Spellman Lake,	125.90	38	P	PKP	16 58 12.2	+0.8
C36A	Pine Crest Far	125.97	34	P	PKP	16 58 11.7	+0.3
F35A	Messiah	126.02	37	P	PKP	16 58 12.1	+0.5
R31A	Burdett	126.19	47	P	PKP	16 58 13.3	+1.2
O32A	Brookman Farm,	126.29	44	P	PKP	16 58 13.0	+0.7
P32A	Huiting Farm,	126.33	45	P	PKP	16 58 13.0	+0.7
E36A	McGregor	126.43	35	P	PKP	16 58 12.8	+0.5
M33A	Taylor Creek F	126.46	42	P	PKP	16 58 13.2	+0.7
H35A	Sunnyside Ranc	126.47	38	P	PKP	16 58 13.4	+1.0
X30A	Coker Ranch, T	126.52	52	P	PKP	16 58 13.8	+0.9
T31A	Randall Ranch,	126.53	49	P	PKP	16 58 13.8	+1.0
D37A	Cotton	126.54	34	P	PKP	16 58 13.2	+0.7
EYMN	Ely	126.59	33	P	PKP	16 58 12.9	+0.3
Q32A	Meitler Ranch,	126.61	46	P	PKP	16 58 14.1	+1.2
F36A	Milaca	126.63	36	P	PKP	16 58 13.4	+0.6
Z30A	Sanderson Ranc	126.69	53	P	PKP	16 58 14.5	+1.2
Y30A	Stafford Cattl	126.69	53	P	PKP	16 58 14.3	+1.0
O33A	Hebron	126.85	44	P	PKP	16 58 13.8	+0.5
V31A	Spring Creek L	126.88	50	P	PKP	16 58 14.9	+1.3
ESDC	Sonessa Array	126.95	315	PKP	PKP	16 58 13.6	-0.1
W31A	Holland Ranch,	127.00	51	P	PKP	16 58 14.7	+0.9
I30A	Snyder	127.02	54	P	PKP	16 58 15.3	+1.4
P33A	Williams Farm,	127.04	45	P	PKP	16 58 14.9	+1.2
H36A	Jessenland, He	127.08	38	P	PKP	16 58 14.6	+1.0
Q33A	Connely Farm,	127.13	46	P	PKP	16 58 14.9	+1.0
X31A	McDonald Ranch	127.16	52	P	PKP	16 58 14.8	+0.7
R33A	Olarer Ranch,	127.30	46	P	PKP	16 58 15.3	+1.0
I36A	Fitzsimmons Fa	127.32	38	P	PKP	16 58 15.2	+1.2
S30A	JCO Ranch, Com	127.41	57	P			

CMAR	Chiang Mai Arr	77.22 294	P	P	20 10 45.6	+0.4
		0.1nm,0.4s,baz=137,slow=1.1,SNR=4.4				
SOMM	Songino Array	85.78 323	P	P	20 11 30.1	0.0
		0.5nm,0.9s,baz=108,slow=4.7,SNR=2.8				

ISCJ 14 20:01:40.4z.2.3,21.005s:168.66E,h0km,mb3.7/5, mb1.4/0.6,mb1mx3.8/2.6,mbtmp3.7/6,ML3.4/1, Error ellipse: s-maj=91.6km s-min=23.2km az=150.0, Loyalty Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	
DZM	Mont Dzumac	2.32 242	Op Pn	h m s	ISC	
		10nm,0.3s,baz=180,slow=7.3,SNR=7.7		20 02 20.8	+0.7	
DZM				20 02 48.3	-1.2	
		28nm,0.3s,baz=360,slow=20,SNR=6.0				
WRA	Warramunga Arr	32.14 266	P	P	20 08 10.6	+0.6
		0.5nm,0.7s,baz=89,slow=9.3,SNR=4.3				
ASAR	Alice Springs	32.21 259	P	P	20 08 09.7	-0.9
		2.3nm,0.7s,baz=82,slow=9.1,SNR=14				
CMAR	Chiang Mai Arr	77.23 295	P	P	20 13 45.9	+0.6
		0.3nm,0.6s,baz=139,slow=4.7,SNR=3.1				
SOMM	Songino Array	85.80 323	P	P	20 14 32.8	-1.2
		0.9nm,0.3s,baz=148,slow=8.4,SNR=5.4				
NVAR	Mina Array Bea	90.37 49	P	P	20 14 43.7	-0.3
		0.3nm,0.6s,baz=219,slow=8.1,SNR=2.4				
GERES	GRESS Array B	145.76 300	PKPbc	PKPbc	20 21 21.6	-0.2
		0.9nm,0.3s,baz=25,slow=3.5,SNR=5.3				

IPEC 14 20:32:25.0z.1.0.2,50.070N:18.50E,h3km,2km,ML1.8/3, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0
 CSEM 14 20:32:25.0z.0.3,50.09N:18.39E,h1km,ML2.6/8, Error ellipse: s-maj=7.2km s-min=4.0km az=1.0

PRU 14 20:32:26.2z,50.06N:18.40E,h0km,7D,Poland

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
RAC	Raciborz	0.14 280	eSg	h m s	ISC
OKC	OKC	0.28 216	Op Pn	20 32 31.8	+0.3
OKC	OKC	0.28 216	Op Pn	20 32 36.4	+1.3
		comp=Z,24nm,0.4s			
OKC	OKC	0.28 216	Op Pn	20 32 31.8	+0.3
OKC	OKC	0.28 216	Op Pn	20 32 36.4	+1.3
		44nm,0.4s			
MORCV	MORCV	0.62 243	eP	20 32 38.0	-0.2
MORCV	MORCV	0.62 243	eP	20 32 46.6	+0.2
		15nm,0.2s,baz=64			
OJC	Ojcow	0.91 79	eP	20 32 42.3	-1.5
OJC	Ojcow	0.91 79	eP	20 32 54.8	-0.8
OJC	Ojcow	0.91 79	eP	20 32 42.3	-1.5
OJC	Ojcow	0.91 79	eP	20 32 54.8	-0.8
DPC	Dobruska-Polom	1.37 283	Op Pn	20 32 51.5	-1.0
DPC	Dobruska-Polom	1.37 283	Op Pn	20 33 09.7	-0.6
		comp=Z,19nm,0.5s			
DPC	Dobruska-Polom	1.37 283	Op Pn	20 32 51.5	-1.0
DPC	Dobruska-Polom	1.37 283	Op Pn	20 33 09.7	-0.6
		19nm,0.5s			
NIE	Niedzica	1.39 117	eP	20 32 52.2	-0.7
NIE	Niedzica	1.39 117	eP	20 33 11.7	+0.3
VRAC	Vranov	1.39 238	eP	20 32 51.9	-1.0
VRAC	Vranov	1.39 238	eP	20 33 10.6	-0.5
		16nm,0.4s,baz=58			
KSP	Ksiaz	1.56 301	eP	20 32 55.6	-0.3
KSP	Ksiaz	1.56 301	eP	20 33 16.2	0.0
KSP	Ksiaz	1.56 301	eP	20 32 55.6	-0.3
KSP	Ksiaz	1.56 301	eP	20 33 16.2	0.0
UPC	Upice	1.60 287	Op Pn	20 33 16.2	0.0
UPC	Upice	1.60 287	Op Pn	20 33 17.1	0.0
		comp=Z,9.3nm,0.5s			
UPC	Upice	1.60 287	Op Pn	20 32 54.6	-1.1
UPC	Upice	1.60 287	Op Pn	20 33 17.1	0.0
		9.3nm,0.5s			
KRUC	Moravsky	1.64 233	ePn	20 32 55.5	-0.9
KRUC	Moravsky	1.64 233	ePn	20 33 18.4	+0.2
		5.3nm,0.3s,baz=53			
TREC	Trest	2.04 249	Op Pn	20 33 02.7	+0.8
TREC	Trest	2.04 249	Op Pn	20 33 29.8	-0.4
		comp=Z,6.0nm,0.3s			
TREC	Trest	2.04 249	Op Pn	20 33 02.7	+0.8
TREC	Trest	2.04 249	Op Pn	20 33 29.8	-0.4
		6.0nm,0.3s			
GOPC	GO Pecny, Ondr	2.34 268	eSg	20 33 39.0	+0.3
GOPC	GO Pecny, Ondr	2.34 268	eSg	20 33 39.0	+0.3
PRU	Pruhonice	2.49 270	eSg	20 33 43.3	+0.3
PRU	Pruhonice	2.49 270	eSg	20 33 43.3	+0.3
BRG	Berggieshübel	2.96 288	Op Pn	20 33 21.3	+1.5
BRG	Berggieshübel	2.96 288	Op Pn	20 33 59.6	-1.8
		3.8nm,0.5s			
KHC	Kasperske Hory	3.27 255	Op Pn	20 33 25.7	+0.5
KHC	Kasperske Hory	3.27 255	Op Pn	20 34 09.6	-1.9
		comp=Z,2.8nm,0.3s			
KHC	Kasperske Hory	3.27 255	Op Pn	20 33 25.7	+0.5
KHC	Kasperske Hory	3.27 255	Op Pn	20 34 09.6	-1.9
		2.8nm,0.3s			

ISCJ 14 20:33:41.1z.0.6,26.96N:107.143.97E,0.05,h10km, mb4.0/2.1, Error ellipse: s-maj=10.9km s-min=5.8km az=168.0

ISCJ 14 20:33:42.0z.0.6,26.77N:143.88E,h0km,mb3.9/1.3, mb1.4/1.1,mb1mx4.0/4.1,mbtmp3.9/1.4,ML3.7/1,MS2.8/1, MS1.2.8/1,ms1mx2.3/5.7, Error ellipse: s-maj=17.92km s-min=15.7km az=62.0

NEIC 14 20:33:42.0z.0.4,26.82N:143.84E,h10km,mb4.3/8, Error ellipse: s-maj=12.0km s-min=8.7km az=68.0
 JMA 14 20:33:45.7z.0.2,27.06N:143.77E,h95km,MS3.0
 ISC 14 20:33:42.0z.0.6,26.91N:108.143.93E,0.06,h10km,n36, s=1526/37,mb4.0/2.1, Bonin Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
CBJ	Chichi jima	1.48 278	Op Pn	h m s	ISC
CBJ	Chichi jima	1.48 278	ePn	20 34 10.9	-0.1
CBJ	Chichi jima	1.48 278	ePn	20 34 30.9	+0.1
CBJ	Chichi jima	1.48 278	ePn	20 34 09.7	-0.4
CBJ	Chichi jima	1.48 278	ePn	20 34 30.8	+0.4
JCJ	Chichijima	1.48 278	Op Pn	20 34 10.6	-0.5
JCJ	Chichijima	1.48 278	Op Pn	20 34 30.6	+0.4
		277,slow=19			
JHHJ	Haha-jima-NKT	1.50 260	P	20 34 12.0	+0.5
JHHJ	Haha-jima-NKT	1.50 260	P	20 34 30.9	-0.1
JHU	Hanno	9.72 338	eS	20 37 46.0	-5.9
JRY	Ryogami san	10.00 336	P	20 36 06.2	-0.3
JRY	Ryogami san	10.00 336	P	20 37 55.1	-3.8
JHO	Hitachi	10.06 345	eS	20 37 52.6	-7.6
MJAR	Matsushiro Arr	10.72 335	Op Pn	20 36 15.7	-0.7
		0.6nm,0.3s,baz=154,slow=10,SNR=16			
MAJO	Matsushiro	10.73 335	ePn	20 36 15.9	-0.5
ASAJ	Asahikawa	17.20 357	Op Pn	20 44 30.5	
		comp=Z,34nm,19.9s,baz=128,slow=87			
ULN	Ulanbaatar	35.47 316	eP	20 40 41.0	+1.6
		2.5nm,1.0s			
SOMM	Songino Array	35.87 316	P	20 40 45.2	+2.3
		0.6nm,0.7s,baz=107,slow=7.5,SNR=4.3			
CMAR	Chiang Mai Arr	42.08 268	P	20 41 35.2	+0.2
		0.6nm,0.9s,baz=58,slow=8.1,SNR=5.5			
WRAB	Tennant Creek	47.46 192	eP	20 42 17.0	-0.8
		17nm,1.2s			
WRA	Warramunga Arr	47.47 192	P	20 42 17.3	-0.6
		7.4nm,0.8s,baz=13,slow=8.5,SNR=4.5			
ZALV	Zalesovo Beam	50.59 319	P	20 42 42.2	+0.8
		0.5nm,0.5s,baz=104,slow=6.3,SNR=5.9			
ASAR	Alice Springs	51.19 192	P	20 42 44.4	-1.9
		0.8nm,0.8s,baz=17,slow=8.8,SNR=19			
MKAR	Makanchi Array	51.72 310	P	20 42 51.1	+0.9
		1.4nm,0.7s,baz=91,slow=8.4,SNR=16			
KURK	Kurchatov	54.16 315	eP	20 43 08.7	+0.6
		4.8nm,0.9s			
COLD	Coldfoot	56.21 25	P	20 43 26.4	+3.9
TKM2	Tokmak 2	56.72 305	eP	20 43 28.2	+1.3
		2.9nm,1.0s			
ILAR	Eielsen Array	57.17 28	P	20 43 29.2	-0.3
		0.7nm,0.7s,baz=262,slow=7.5,SNR=3.7			
AAK	Ala-Archa	57.56 305	eP	20 43 33.9	+1.0
		2.2nm,0.3s			
STKA	Stephens Creek	58.50 192	P	20 43 38.4	-0.7
		1.1nm,0.7s,baz=345,slow=13,SNR=3.8			
KKAR	Karatay Array	60.38 306	eP	20 43 53.6	+1.4
		1.5nm,0.6s			
PALK	Pallekele	62.80 264	eP	20 44 07.7	-1.3
		11nm,0.7s			

ARU	Arti	65.47 323	P	P	20 44 24.3	-1.4
ABKAR	Abkarak array	66.27 315	eP	P	20 44 31.5	+0.5
		0.9nm,0.7s				
YKA	Yellowknife Arr	71.71 29	P	P	20 45 05.5	+1.6
		0.7nm,0.6s,baz=50,slow=2.9,SNR=5.9				
FINES	FINES Array B	78.25 334	P	P	20 45 47.0	+1.8
		0.7nm,0.8s,baz=132,slow=2.1,SNR=2.9				
KBZ	Khabarovsk	79.20 314	P	P	20 45 48.6	+0.6
		1.9nm,0.7s,baz=120,slow=5.8,SNR=8.0				
NVAR	Mina Array Bea	79.48 52	P	P	20 45 50.0	+0.1
		1.3nm,0.6s,baz=288,slow=5.0,SNR=9.0				
FFC	Flin Flon	81.12 32	P	P	20 45 58.6	+0.5
BRTR	Reskin Array B	87.20 314	P	P	20 46 29.8	+0.2
		0.5nm,0.6s,baz=50,slow=3.9,SNR=3.6				
PLCA	Paso Flores	148.50 125	PKPbc	PKPbc	20 53 29.4	-0.5
		2.7nm,1.0s,baz=13,slow=2.4,SNR=3.5				
LPZA	La Paz	148.55 77	PKPbc	PKPbc	20 53 31.9	-2.8
		1.8nm,0.8s,baz=49,slow=1.5,SNR=5.7				

ISCJ 14 20:36:15.5z.1.2,26.9N:0.1x144.0E,0.1,h10km,mb3.6/4, Error ellipse: s-maj=20.0km s-min=13.6km az=31.2
 IDC 14 20:36:16.9z.1.4,26.78N:143.87E,h0km,mb3.6/4, mb1.3/9.5,mb1mx3.6/4.2,mbtmp3.7/5,ML3.5/1, Error ellipse: s-maj=35.0km s-min=21.4km az=46.0

ISC 14 20:36:18.2z.1.2,26.8N:0.1x143.9E,0.1,h10km,n7, s=0579/8,mb3.5/4, Bonin Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
JCJ	Chichijima	1.51 280	Op Pn	h m s	ISC
JCJ	Chichijima	1.51 280 <td>Op Pn</td> <td>20 37 05.8</td> <td>+0.1</td>	Op Pn	20 37 05.8	+0.1
		baz=270,slow=20,SNR=2.8			
JCJ	Chichijima	1.51 280 <td>Op Pn</td> <td>20 38 52.6</td> <td>-0.3</td>	Op Pn	20 38 52.6	-0.3
		43nm,0.3s,baz=278,slow=23,SNR=7.7			
MJAR	Matsushiro Arr	10.80 335	Op Pn	20 38 52.6	-0.3
		0.3nm,0.3s,baz=155,slow=11,SNR=4.1			
CMAR	Chiang Mai Arr	42.10 268	P	20 44 12.0	+1.2
		0.3nm,0.3s,baz=60,slow=6.8,SNR=4.2			
WRA	Warramunga Arr	47.41 192	P	20 44 53.0	+0.1
		0.9nm,0.8s,baz=13,slow=8.8,SNR=6.5			
ASAR	Alice Springs	51.12 192	P	20 45 20.4	-0.9
		0.			

LBNH	comp=Z,8.5nm,0.8s	27.07 342	eP	P	21 42 22.0	-0.1
MDV	Midlebury	27.25 340	eP	P	21 42 22.7	-1.0
N54A	Moravia State	27.69 327	P	P	21 42 28.8	+1.1
SAML	Samuel	27.80 186	eP	P	21 42 29.2	+0.3
SAML	comp=Z,18nm,1.3s		eP	P		
ALLY	Allegheny Colle	28.27 328	eP	P	21 45 45.7	+0.4
ALLY	comp=Z,59nm,0.9s		eP	P	21 42 33.6	+0.7
ACSO	Alum Creek Sta	28.82 322	eP	P	21 42 37.8	-0.1
LMQ	La Malballe	29.72 346	eP	P	21 42 46.7	+0.9
OXF	Oxford	30.12 307	eP	P	21 42 49.9	+0.5
SADO	Sadowa	30.19 333	eP	P	21 42 49.2	-0.7
CCIG	Comitan	30.39 270	eP	P	21 42 53.0	+0.9
USIN	University of	30.45 314	eP	P	21 42 52.1	-0.1
AAM	Ann Arbor	30.58 325	eP	P	21 42 53.9	+0.6
PARMO	Parma	31.28 311	eP	P	21 42 59.5	-0.1
ATAH	Alathualpa	31.39 216	eP	P	21 43 03.0	+1.8
SFIN	Lafayette	31.39 319	P	P	21 43 01.5	+0.1
HBAR	Harrisburg	31.48 308	eP	P	21 43 02.1	+0.7
VLDQ	Val d'Or	32.29 338	eP	P	21 43 09.5	+1.2
GLMI	Graying	32.82 327	eP	P	21 43 14.1	+1.1
HDIL	Hopedale	32.89 317	P	P	21 43 14.6	+1.0
HDIL	comp=Z,12nm,0.6s		eP	P	21 43 08.8	-4.9
239A	Gary	33.31 300	P	P	21 43 18.6	+1.1
T40A	Mansfield	33.50 310	P	P	21 43 19.9	+0.8
S40A	Lebanon	33.67 310	P	P	21 43 21.1	+0.5
R40A	Maddies Statio	33.80 312	P	P	21 43 22.2	+0.5
338A	Crockett	33.85 298	P	P	21 43 24.4	+2.2
338A	baz=103,SNR=5.1					
40A	Laux Farm, Aux	33.98 313	P	P	21 43 23.5	+0.3
HKT	Hockley	34.00 296	eP	P	21 43 22.4	-1.1
P40A	Paris	34.20 314	P	P	21 43 25.5	+0.3
W38A	Poteau	34.24 305	P	P	21 43 26.5	+0.9
S39A	Bolivar	34.30 310	P	P	21 43 26.5	+0.4
R39A	Chumby, Stover	34.35 311	P	P	21 43 26.9	+0.4
X38A	Whitesboro	34.35 304	P	P	21 43 27.2	+0.7
O40A	La Belle	34.36 315	P	P	21 43 27.0	+0.4
RCBR	Riachuelo	34.41 133	eP	P	21 43 27.8	+0.5
237A	Washetta, Mont	34.42 299	P	P	21 43 28.4	+1.4
V38A	Canehill	34.41 306	P	P	21 43 28.0	+0.9
537A	Green Hill Far	34.44 296	P	P	21 43 28.3	+1.0
137A	Heron Place, G	34.51 300	P	P	21 43 28.8	+0.9
Q39A	Willow Grove F	34.62 312	P	P	21 43 29.1	+0.3
P39A	Salisbury	34.67 313	P	P	21 43 29.8	+0.6
SIV	San Ignacio	34.67 181	P	P	21 43 30.2	+0.9
S38A	Stockton	34.70 310	P	P	21 43 30.6	+1.1
NNA	Nana	34.72 209	eP	P	21 43 29.9	0.0
X37A	Clayton	34.76 304	P	P	21 43 31.3	+1.3
Y37A	Hugo	34.77 303	P	P	21 43 32.0	+1.9
JFWS	Jewell Farm	34.78 320	eP	P	21 43 29.5	-0.6
736A	Circle Diamond	34.90 294	P	P	21 43 33.1	+1.8
R38A	Fenwick Farm,	34.92 310	P	P	21 43 32.1	+0.7
636A	Smothers Creek	34.97 295	P	P	21 43 33.2	+1.3
436A	Wall Ranch, Ga	34.97 297	P	P	21 43 33.2	+1.3
V37A	Hulbert	34.99 306	P	P	21 43 32.8	+0.8
Q38A	Cooks Store, C	35.04 312	P	P	21 43 32.6	+0.2
536A	Bastrop	35.08 296	P	P	21 43 34.1	+1.2
N39A	Derby Farms, D	35.15 316	P	P	21 43 33.9	+0.6
PAYG	Puerto Ayora	35.24 240	eP	P	21 43 35.8	+1.4
T37A	Cheneyville 18	35.25 308	P	P	21 43 34.7	+0.4
P38A	Dawn	35.27 313	P	P	21 43 35.0	+0.6
S37A	Fort Scott	35.42 309	P	P	21 43 36.1	+0.4
Q38A	Galt	35.45 314	P	P	21 43 36.9	+0.9
835A	Leonard	35.47 292	P	P	21 43 38.0	+1.8
TUL1	Leonard	35.50 306	P	P	21 43 37.3	+0.9
TUL1	Leonard	35.50 306	eP	P	21 43 36.3	-0.1
X36A	Centrahoma	35.52 303	P	P	21 43 37.8	+1.2
735A	Kenedy	35.53 293	P	P	21 43 37.6	+0.9
V36A	Jenks	35.57 306	P	P	21 43 38.5	+1.4
635A	Leesville	35.57 294	P	P	21 43 38.0	+0.9
O35A	Encino	35.58 290	P	P	21 43 38.2	+1.0
W36A	Wetumka	35.59 304	P	P	21 43 38.8	+1.6
Q37A	Longwaw Farm,	35.59 311	P	P	21 43 38.2	+1.0
N38A	Joes South For	35.60 315	P	P	21 43 38.0	+0.8
335A	Woody	35.62 298	P	P	21 43 38.6	+1.3
R37A	Teagarden Farm	35.64 310	P	P	21 43 37.9	+0.3
435B	Jarrell	35.64 297	P	P	21 43 38.5	+0.8
CMLA	Cha da Macela	35.69 51	eP	P	21 43 38.9	+0.8
WHXT	Lake Whitney	35.77 299	P	P	21 43 40.2	+1.4
WHXT	Lake Whitney	35.77 299	eP	P	21 43 39.3	+0.5
LPAZ	La Paz	35.78 193	P	P	21 43 39.7	0.0
LPAZ	comp=Z,2.1nm,0.7s,ba					
LPAZ	comp=Z,2.58nm,2.1s,ba					
P37A	Lathrop	35.82 312	P	P	21 43 40.2	+1.1
M38A	Pleasantville	35.87 316	P	P	21 43 40.1	+0.6
Y35A	Marietta	35.89 302	P	P	21 43 41.1	+1.3
Z35A	Perchaven, San	35.91 301	P	P	21 43 41.2	+1.1
X35A	Drake	35.97 303	P	P	21 43 41.3	+0.8
S36A	Lake Cedric, C	35.97 309	P	P	21 43 41.3	+0.9
934A	Benavides	36.01 291	P	P	21 43 42.2	+1.4
COWI	Conover	36.05 325	eP	P	21 43 41.0	0.0
L38A	Oak Wood Farm,	36.07 317	P	P	21 43 42.3	+1.1
834A	Tilden	36.09 292	P	P	21 43 43.3	+1.8
O34A	Hebbronville	36.10 290	P	P	21 43 43.3	+1.6
W35A	Tecumseh	36.10 304	P	P	21 43 42.8	+1.2
SCIA	State Center	36.12 317	eP	P	21 43 41.5	-0.2
R36A	Gordon, Harris	36.13 310	P	P	21 43 42.3	+0.4
K38A	Parkersburg	36.20 318	P	P	21 43 42.6	+0.2
SCHO	Schefferville	36.22 354	P	P	21 43 42.1	-0.2
SCHO	comp=Z,11nm,0.7s,ba					
434A	Lee Faris, Mou	36.23 297	P	P	21 43 42.9	+0.1
N37A	Lee Faris, Mou	36.24 314	P	P	21 43 43.6	+0.9
V35A	Meyer Ranch, C	36.26 305	P	P	21 43 43.7	+0.8
534A	Blanco	36.27 295	P	P	21 43 43.4	+0.2
TLIG	Tipapa	36.27 274	eP	P	21 43 45.3	+1.9
334A	Loreta	36.30 297	P	P	21 43 44.1	+0.7
234A	Clairette	36.34 299	P	P	21 43 44.7	+1.0
J38A	Wedel Dairy, R	36.37 319	P	P	21 43 44.1	+0.3
T35A	Sooner Cattle	36.38 307	P	P	21 43 44.7	+0.7
134A	White-Moore Ra	36.41 300	P	P	21 43 45.5	+1.2
M37A	Trindle Farm,	36.43 315	P	P	21 43 45.0	+0.7
P36A	Good Intent, A	36.43 312	P	P	21 43 45.2	+0.8
Z34A	Collier Ranch,	36.46 301	P	P	21 43 45.9	+1.1
Y34A	Reagan Ranch,	36.48 302	P	P	21 43 46.1	+1.2
O36A	Bolkow	36.48 313	P	P	21 43 45.5	+0.7
S35A	Otter Creek Ra	36.50 308	P	P	21 43 45.5	+0.5
L37A	Phoenix Point,	36.57 317	P	P	21 43 46.0	+0.4
R35A	Emporia Munic	36.64 309	P	P	21 43 46.8	+0.6
I38A	Scanlan Farm,	36.66 320	P	P	21 43 46.6	+0.3
933A	Laredo	36.67 291	P	P	21 43 47.9	+1.3
X34A	Smith Ranch, M	36.70 303	P	P	21 43 47.5	+0.7
Q35A	Mercer Eighty,	36.72 310	P	P	21 43 47.5	+0.6
633A	Saathoff Ranch	36.80 294	P	P	21 43 48.6	+1.0
V34A	Guthrie	36.80 305	P	P	21 43 49.1	+1.5
V34A	Guthrie	36.80 305	eP	P	21 43 49.1	+0.3
733A	Divot King Ran	36.80 293	P	P	21 43 48.4	+0.7
K37A	Belmond	36.81 318	P	P	21 43 47.6	0.0
W34A	Bridge Creek,	36.83 304	P	P	21 43 49.2	+1.3
W34A	Bridge Creek,	36.83 304	eP	P	21 43 48.5	+0.7
833A	Chaparral WMA,	36.85 292	P	P	21 43 48.4	+0.4
433A	Art	36.91 296	P	P	21 43 49.1	+0.5
333A	Richland Sprin	36.92 297	P	P	21 43 49.2	+0.5
T34A	McCleskey Farm	36.92 307	P	P	21 43 48.7	+0.1
M36A	Felix, Anita	36.95 315	P	P	21 43 49.7	+0.9
P35A	Duane Minner,	36.97 311	P	P	21 43 49.2	+0.2
233A	Rising Star	36.98 298	P	P	21 43 49.9	+0.7
U34A	Anderson Ranch	37.00 306	P	P	21 43 50.4	+1.1
U34A	Anderson Ranch	37.00 306	eP	P	21 43 49.7	+0.4
J37A	Redenius Farm,	37.03 318	P	P	21 43 49.5	+0.1
Z33A	Whitaker Ranch	37.13 300	P	P	21 43 51.5	+1.0
Y33A	Hilltop Ranch,	37.19 302	P	P	21 43 51.8	+0.9
O35A	Humboldt	37.19 313	P	P	21 43 51.4	+0.6
KSU1	Kansas State U	37.23 310	P	P	21 43 51.3	+0.2
KSU1	Kansas State U	37.23 310	eP	P	21 43 50.5	-0.7
N35A	Tabor	37.26 314	P	P	21 43 51.7	+0.3
I37A	Lemond, Waseca	37.30 320	P	P	21 43 52.3	+0.6
H37A	Dierke Farm, C	37.31 321	P	P	21 43 52.6	+0.8
632A	Uvalde	37.33 294	P	P	21 43 53.1	+1.0
832A	Faith Ranch, C	37.35 292	P	P	21 43 52.8	+0.5
732A	Laxson Ranch,	37.40 293	P	P	21 43 53.3	+0.6
Q34A	Chapman	37.40 310	P	P	21 43 53.3	+0.6
R34A	Isabella, Hill	37.40 309	P	P	21 43 52.9	+0.2
JCT	Junction City	37.48 296	P	P	21 43 54.1	+0.6
JCT	Junction City	37.48 296	eP	P	21 43 53.8	+0.4
WMOK	Wichita Mounta	37.49 303	eP	P	21 43 53.5	0.0
532A	Rocksprings	37.51 295	P	P	21 43 54.9	+1.1
432A	Menard	37.53 296	P	P	21 43 54.6	+0.8
332A	Millersview	37.57 297	P	P	21 43 54.8	+0.6
232A	Coleman	37.58 298	P	P	21 43 54.7	+0.4
SPMN	Marine on St.	37.60 322	eP	P	21 43 54.8	+0.6
O34A	Beatrice	37.71 312	P	P	21 43 55	

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TXAR Lajitas Array, S22A 4UR Ranch, BMO Blue Mountains, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like HHC Hu-ho-hao-te, CD2 Chengdu, NJ2 Nanjing, CMAR Chiang Mai Arr, etc.

IDC 14 21:42:00.9.2.2.6.80S.129.44E, h0km, mb3.5/1, mb1 3.6/3, mb1mx3.3/4.2, mbmp3.4/3, ML3.6/2.0, Error ellipse: s-maj=147.8km s-min=31.9km az=68.0, Banda Sea

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

IDC 14 21:46:16.5.1.3.58.53S.25.71W, h0km, mb3.9/2, mb1 4.0/2, mb1mx3.6/2.4, mbmp3.8/2, Error ellipse: s-maj=85.8km s-min=47.3km az=99.0, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like VNA3 Neumayer Olymp, H10S2 ASCENSION HYDR60, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like AVH Avacha, PET Petropavlovsk, GNL Gassel, etc.

IDC 14 21:51:02.3.37.70N.19.75E, h0km, mb3.7/8, mb1 3.7/13, mb1mx3.5/6.4, mbmp3.5/13, ML3.4/4, MS2.7/1, Ms1 2.6/1, ms1mx2.0/6.5, Error ellipse: s-maj=19.0km s-min=17.2km az=129.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like UNV TNA, YSS Yuzh-Sakhalins, YUK Yakutsk, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like CPCT Cooper Cave, GERES GERESS Array B, WRA Warramunga Arr, etc.

IDC 14 21:51:01.7.1.1.37.62N.19.75E, h0km, mb3.7/8, mb1 3.7/13, mb1mx3.5/6.4, mbmp3.5/13, ML3.4/4, MS2.7/1, Ms1 2.6/1, ms1mx2.0/6.5, Error ellipse: s-maj=19.0km s-min=17.2km az=129.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like VLS Valsamata, VLS Valsamata, VLS Valsamata, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include: PENT Pentalosofos, LKR Lokris, TIP Timpagrande, KAND KRANDI, VLI Veliaj, ATAL Atalanti, DID Didima, VIL2 Platees, NEST Nestorio, KZN Kozani, FYTO Fytoko, KYTH Kythos, XOR XORichti, ATH Athens Observa, LIT Litokhoron, FNA Florina, TAR1 Taranto, ANKY Antikythira Is, AOS Alonnissos, PAIG Paliouri, GRG Griva, HORT Hortiatiss, SG1 Sgolgore (BA), SOH Sokhos, VAY Valandovo, OUR Ouranopolis, KNT Kendrickon, ULC Ulcinj, CDT Castel del Mon, SKO Skopje, DRME Dracevica, Mon, PDG Podgorica, HCY Herceg Novi, IDI Anoyia, STKA Stephens Creek, WRA Warramunga Arr, PPT Papeete, ILAR Eielson Arr, STK Kaitihea, RAR Rarotonga, WRAP Rapa Nui, WRA Warramunga Arr, KSM Kuching.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include: BLY Banja Luka, UDBI Udbina, UDBI Udbina, UDBI Udbina, NWLJ Novalija, NWLJ Novalija, GZR Gura Zlata, GZR Gura Zlata, BOJS Bojanci, ARR Arges, ARR Arges, PKSM Moraga, KEST 0.0mm, 0.3s, baz=90, slow=14, SNR=2.3, VOIR 8.65 26, CRES Cresnejev, CEY Cernicka, MLR Muntele Rosu, MLR Muntele Rosu, TIRR Tigrusor, TIRR Tigrusor, PLOR Plostina, PLOR Plostina, VRI Vrincoia, VRI Vrincoia, GERES GERES Array B, AKASO Malin Array Be, KBZ Khabaz, HFS Hagfors, EKA Ekdalemur Arr, NB2 NORARS Subarra, NB2 NORARS Subarra, NOA NORARS Array B, FINES FINES Array B, TORD Torodi Arr, ARCES ARCES Array B, MKAR Makanchi Arr, ZALV Zalesovo Beam, DALV Davao City (W), ATH 14:21:52:32.9, 37:70N:19:63E, CSEM 14:21:52:32.9, 37:70N:19:64E, ISCJB 14:21:52:34.9, 37:68N:19:79E, IDC 14:21:52:37.3, 50:37:98N:20:42E, ISC 14:21:52:34.4-1.2, 37:65N:19:74E, Code Station Name Az AzZ Phase ID Time Res, VLS Valsamata, VLS Valsamata, KFL Anninata, KFL Anninata, LK2D Lefkada island, LK2D Lefkada island, RLS Riolos of Patr, PPO Prodromos, PPO Prodromos, DRO Drossia, DRO Drossia, PVO Paravola, PVO Paravola, PSL Palaiou Diasel, PSL Palaiou Diasel, RODI Rodini, RODI Rodini, LAKA Lakka, LAKA Lakka, EFP Efpalio, EFP Efpalio, IGT Igoumenitsa, IGT Igoumenitsa, KLV Kalavryta, KLV Kalavryta, ANX Anx Chora, ANX Anx Chora, SERG Sergoula, SERG Sergoula, SGD Sagiada, SGD Sagiada, KALE Kaitihea, KALE Kaitihea, PSAROM PSAROMia, Dor, PSAROM PSAROMia, Dor, EVR Evrytania, EVR Evrytania, GUR Goura, GUR Goura, DSR Desfina, DSR Desfina, THF Thlofos Trika, THF Thlofos Trika, ATAL Atalanti, ATAL Atalanti, KYTH Kithira, KYTH Kithira, LIT Litokhoron, LIT Litokhoron, IDI Anoyia, NOA NORARS Array B, FINES FINES Array B, ARCES ARCES Array B, MKAR Makanchi Arr, IDC 14:21:54:05.6, 1.4, 26:68N:55:35E, mb1 3.8/7, mb1mx3.4/57, mbtmpp3.7/7, MS3.1/2, MS4.5/2, DSN 14:21:54:06.2, 1.2, 26:96N:55:55E, h10km, mb3.0/7, ML3.5/5, ISCJB 14:21:54:07.9, 0.4, 26:74N:0:03:55:33E:0.04, h10km, mb3.7/5, MS3.5/2, Error ellipse: s-maj=5.8km s-min=4.2km az=149.5, CSEM 14:21:54:09.6, 0.2, 26:71N:55:43E, h10km, ML3.2, Error ellipse: s-maj=6.0km s-min=4.0km az=78.0, TEH 14:21:54:11.0, 26:66N:55:50E, h22km, ML3.2, ISC 14:21:54:07.7-0.7, 26:70N:0:04:55:46E:0.05, h10km, n42,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include: c1945/42, mb3.8/5, 4C-12D, Southern Iran, BNSD Bandar-Abbas, BNSD Bandar-Abbas, GENO Geno, BANOM Banah, BANOM Banah, BANOM Banah, NIAN Nian, NIAN Nian, NAZ Nazwa, NAZ Nazwa, FAQ Al Faqa, FAQ Al Faqa, HATD Hatta, HATD Hatta, ASUD Al Ashush, ASUD Al Ashush, GHIR Ghir-Karzin, GHIR Ghir-Karzin, ISRV comp=N, 714nm, 0.3s, ISRV comp=E, 392nm, 0.2s, KRBR Kerman, KRBR Kerman, IPAR Pars, IPAR comp=Z, 203nm, 0.4s, IPAR comp=Z, 262nm, 0.4s, WSAR Wadi Sarin, WSAR comp=N, 5nm, 0.3s, IMEH Mehruz, IMEH Mehruz, IBAF Bafgh, IBAF Bafgh, ISAD Sadrabad, ISAD Sadrabad, ISAD comp=E, 396nm, 0.1s, ISAD comp=N, 405nm, 0.1s, IRAM Ramesheh, IRAM Ramesheh, IRAM comp=Z, 117nm, 0.1s, IRAM comp=N, 149nm, 0.1s, IZEF Zefreh, IZEF Zefreh, IZEF comp=N, 58nm, 0.2s, IZEF comp=Z, 80nm, 0.3s, IPIR Piripir, IPIR comp=Z, 117nm, 0.1s, IPIR comp=N, 68nm, 0.1s, KBZ Khabaz, BRTR Keskin Arr, ZALV Zalesovo Beam, FINES FINES Array B, TORD Torodi Arr, JMJC Jan Mayen, ULM Lac de Bonne, IDC 14:22:28:05.2, 2:5, 10:92Sx165:50E, h0km, mb4.0/3, Code Station Name Az AzZ Phase ID Time Res, STKA Stephens Creek, WRA Warramunga Arr, PPT Papeete, ILAR Eielson Arr, STK Kaitihea, RAR Rarotonga, WRAP Rapa Nui, WRA Warramunga Arr, KSM Kuching, IDC 14:22:31:14.1, 0.5, 20:9S:0:1:168:40E:0.1, h30km, n47, c-085/39, mb4.3/16, MS3.5/6, 1D, Loyalty Islands, HNR Honiara, URZ Rapa Nui, URZ Rapa Nui, AFI Afanua, CTA Charters Tower, CTA Charters Tower, PPT Papeete, PMG Port Moresby, PMG Port Moresby, STKA Stephens Creek, STKA Stephens Creek, RAR Rarotonga, WRAP Rapa Nui, WRA Warramunga Arr, KSM Kuching.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like H11S1 WAKE ISLAND, H11N1 WAKE ISLAND, H11N3 WAKE ISLAND, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like CMAR comp=Z,4.1nm,0.8s,baz=113,slow=5.5,SNR=20, CHTO Chiang Mai, CHTO Chiang Mai, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like ILB Eielson Array, KURK Kurchatov, KURK Kurchatov, etc.

1DC 14 23:50:52.7, 1.8, 20.93S; 168.66E, h0km, mb4.3/5, mb1 4.5/5, mb1mx4.1/26, mbtmp4.3/5, MS3.9/2, Ms1 3.9/2, ms1mx3.1/23, Error ellipse: s-maj=71.7km s-min=34.5km az=166.0

Table with columns: Station Name, Lg, Lg, Time, Res, and various parameters. Includes stations like KSRS, KSAR, BOD, HHC, YAK, etc.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, and various parameters. Includes stations like NOA, YKA, WRA, MCMT, GCMT, etc.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, and various parameters. Includes stations like SKO, FNA, NEST, PDG, etc.

15d 3h

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM 13nm,0.3s,baz=179,slo=4.5,SNR=20, DZM 10nm,0.3s,baz=0.0,slo=23,SNR=9.7, HNR Honiara, CTAO Charters Tower, STKA Stephens Creek, WRAB Tennant Creek, FITZ Fitzroy Crossi, MDJ Mudjanjeng, KHMM Horse Mountain, ULN Ulanabatarr, SONM Sogingo Array, NVAR Mina Array Bea, PALK Pallekele, ILAR Eielson Array, KHER Kasperov Hory, GRES GERESS Array B, WLF Walferrange, TUE Stuetta, BNI Bardonecchia.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Rows include BALY Balya.

ISC 15 02:05:28.3-4.0, 36.39N:71.50E, h170km,36km, mb3.2/10, mb1.3/4/15, mb1mx3.2/39, mbmp3.8/15, Error ellipse: s-maj=28.8km s-min=18.9km az=2.0 NNC 15 02:05:36.8-1.9, 37.15N:71.35E, h192km,17km, mb3.1, mp4.2, Error ellipse: s-maj=17.9km s-min=10.5km az=37.0

ISC 15 02:05:26.7-1.1, 36.4AN:01.715E,0.1, h150km, n39, c1868/41, mb3.5/10, 9C-7D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Rows include AML Almayashu, MNAS Manas, UCH Uchto, KZA Kyzart, EKS Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KK31 Karatay Array, KBK Karagaybulak, ULHL Ulahoi, CHMS Chumysh, USP Ospenovka, TKM2 Tokmak 2, TKM2 Tokmak 2, PDGK Podgomoye, MK31 Makanchi Array, MKAR Makanchi Array, KURBB Kurchatov Arra, KURBB Kurchatov Arra, AB31 Akbulak Array, ZRNK Zerenda, BVAO Borovoye Array, BVAR Borovoye Array, AKTO Aktyubinsk, AKTO Aktyubinsk, AKTO Chkalovo, ZALV Zalesovo Beam, KBZ Khabaz, BRTR Keskin Array B, AKASG Malin Array Be, FINES FINESS Array B, ARCES ARCESS Array B, NB2 NORSAR Subara, NOA NORSAR Array B, ESDO Sonseca Array B, TORD Torodi Ar. Bea, YKA Yellowknife Arr, WRA Warrunganga Arr.

ISCJB 15 02:31:31.5-0.5, 27.22N:0.06:143.50E:0.06, h10km, mb4.2/23, Error ellipse: s-maj=8.4km s-min=7.0km az=160.4

ISC 15 02:31:32.1-0.8, 27.18N:143.43E, h0km, mb4.0/13, mb1.4/1/16, mb1mx3.9/63, mbmp4.0/16, ML3.2/3, Error ellipse: s-maj=18.8km s-min=17.5km az=82.0

NEIC 15 02:31:33.5-0.3, 27.20N:143.45E, h10km, mb4.6/12, Error ellipse: s-maj=7.7km s-min=5.5km az=76.0

ISC 15 02:31:33.5-0.6, 27.20N:0.08:143.43E:0.08, h10km, n35, c0569/37, mb4.4/23, Bonin Islands region

2011 JAN

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Rows include CBJJ Chichi jima, CBJJ Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, JNU Natsushiro, KRSR Korea Array, KSAR Wonju Array Be, USRK Ussuriysk Arr, YHNB Yeheng, ULN Ulanabatarr, SONM Sogingo Array, PMG Port Moresby, TLY Talaya, WRA Warrunganga Arr, FITZ Fitzroy Crossi, ZALV Zalesovo Beam, MKAR Makanchi Array, KURK Kurchatov, KURBB Kurchatov Arra, ARU Arti, ARU Arti, CBJJ Akbulak array, FINES FINESS Array B, KBZ Khabaz, AKASG Malin Array Be, SRU S Rafael West, TORD Torodi Ar. Bea.

ISCJB 15 02:33:29.8-0.4, 27.17N:0.05:143.46E:0.05, h10km, mb4.4/34, MS3.5/7, Error ellipse: s-maj=8.1km s-min=6.3km az=160.3

ISC 15 02:33:30.7-0.8, 27.14N:143.33E, h0km, mb4.1/14, mb1.4/2/17, mb1mx4.0/69, mbmp4.1/17, ML3.1/3, MS3.4/4, MS1.3/4.4, ms1mx2.7/51, Error ellipse: s-maj=17.7km s-min=17.5km az=41.0

NEIC 15 02:33:32.1-0.2, 27.18N:143.35E, h10km, mb4.7/23, Error ellipse: s-maj=6.1km s-min=5.3km az=102.0

ISC 15 02:33:31.8-0.6, 27.18N:0.08:143.38E:0.08, h10km, n53, c075/50, mb4.5/33, MS3.7/3, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Rows include CBJJ Chichi jima, CBJJ Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, JNU Natsushiro, KRSR Korea Array, KSAR Wonju Array Be, USRK Ussuriysk Arr, YHNB Yeheng, YULB Yu-li, TPUB Ta-pu, DALV Davao City (W), ULN Ulanabatarr, SONM Sogingo Array, CHTO Chiang Mai, CMAR Chiang Mai Arr, JGAI Jajaj, Banyuwa, CTAO Charters Tower, WRAB Tennant Creek, WRA Warrunganga Arr, FITZ Fitzroy Crossi, TNA Tin City, ZALV Zalesovo Beam, MKAR Makanchi Array, KURK Kurchatov, KURBB Kurchatov Arra, TRF Thorofare Moun, MCK McKinley, COLD Coldfoot, TKM2 Tokmak 2, AAK Ala-Archa, ILAR Eielson Array, DOT Dot Lake, BVAR Borovoye Array, STKA Stephens Creek, BRVK Borovoye, AFI Afamatu, KKAR Karatay Array, BBOO Buclekoo, ARU Arti, ARU Arti, DLBC Dease Lake.

748

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Rows include ABKAR Akbulak array, AKTO Aktyubinsk, YKA Yellowknife Arr, FINES FINESS Array B, KBZ Khabaz, AKASG Malin Array Be, RAYN Ar Rafel West, LSZ Lusak, SDV Santo Domingo, LPAZ La Paz, SAML Samuel.

ISC 15 02:44:39.4-1.4, 19.23S:168.24E, h0km, mb4.0/6, mb1.4/2/7, mb1mx4.0/26, mbmp4.0/7, ML3.7/1, MS3.1/3, MS1.3/1/3, ms1mx2.8/25, Error ellipse: s-maj=35.8km s-min=26.5km az=105.0

ISCJB 15 02:44:41.5-1.0, 19.32S:0.08:168.2E:0.1, h26km, mb4.0/9, MS3.2/9, Error ellipse: s-maj=18.9km s-min=10.7km az=14.0

NEIC 15 02:44:41.9-0.8, 19.38S:168.07E, h10km, mb4.2/4, Error ellipse: s-maj=18.0km s-min=15.8km az=61.0

ISC 15 02:44:43.5-0.9, 19.35S:0.1:168.2E:0.1, h26km, n17, c1939/16, mb4.1/9, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM 23nm,0.3s,baz=180,slo=22,SNR=6, HNR Honiara, URZ Urewera, CTAO Charters Tower, PMG Port Moresby, STKA Stephens Creek, STKA Stephens Creek, WRA Warrunganga Arr, FITZ Fitzroy Crossi, CMAR Chiang Mai Arr, SONM Sogingo Array, NVAR Mina Array Bea, ILAR Eielson Array, SAML Samuel, RAYN Ar Rayn, WLF Walferrange, BFO Black Forest.

MAN 15 03:05:47.1737N:120.37E, h50km, mb4.0, ML2.8, MS2.5, 1D, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Rows include PIP Pasuquin.

ISC 15 03:05:56.0-2.4, 20.88S:168.34E, h0km, mb4.0/3, mb1.4/0/4, mb1mx3.9/26, Error ellipse: s-maj=92.0km s-min=24.2km az=137.0

NEIC 15 03:05:56.8-0.7, 20.95S:168.45E, h10km, mb4.4/3, Error ellipse: s-maj=32.4km s-min=10.7km az=145.0

ISC 15 03:05:59.0-1.6, 21.2S:0.4:168.4E:0.3, h30km, n18, c0856/20, mb4.4/6, MS3.1/3, 1D, Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM 23nm,0.3s,baz=180,slo=22,SNR=6, STKA Stephens Creek, WRA Warrunganga Arr, WRA Warrunganga Arr, JCJ Chichijima, PETK Petropavlovsk, ULN Ulanabatarr, SONM Sogingo Array, WDC Whiskeytown Da, YBH Yreka Blue Hor, ARCES ARCESS Array B, FINES FINESS Array B, GRES GERESS Array B, WLF Walferrange, WLF Walferrange, FETA Feichten, BFO Black Forest, DAVOX Davos/Dischmat, TUE Stuetta, BNI Bardonecchia, BNI Bardonecchia, MSAI Masohi, BNDI Bandanaira, BNDI Bandanaira, KRAI Karang Ratu, KRAI Karang, AAI Ambon, NLAJ Namlea, KMPI Kaimana, Papua, LBMI Labuan, RKPI Ransiki, Papua, MWPI Manokwari, Papua, SANI Sanana, SGSI Sangihe, WRA Warrunganga Arr.

ISC 15 03:12:20.8-2.8, 2.86S:130.49E, h0km, mb3.7/3, mb1.3/8/4, mb1mx3.5/40, mbmp3.5/40, ML4.0/1, Error ellipse: s-maj=325.1km s-min=24.8km az=67.0

DJA 15 03:12:26.3-1.1, 3.3S:3.13E:3.1, h21km, 14km, M3.8/9, MLV3.8/9

ISC 15 03:12:23.6-0.9, 2.89S:0.05:130.31E:0.07, h24km, n18, c1939/17, mb3.9/3, Seram

IDC 15 04:04:11.7.0.8, 52.47N, 167.32W, h0km, mb4.1/25,
mb1.4/2.26, mb1mx1.4/1.63, mbtmp4.1/2.6, ML3.6/1, MS3.5/8,
Ms1.3/5.8, ms1mx1.3/1.61, Error ellipse: s-maj=2.0km,
s-min=12.3km az=177.0

ISJCUB 15 04:04:13.6.1.1, 52.30N, 167.22W, 0.04, h29km, 8km,
mb4.2/43, MS3.5/8, Error ellipse: s-maj=6.3km
s-min=3.6km az=150.7

NEIC 15 04:04:14.0, 52.28N, 167.13W, h26km, mb4.3/21,
ML4.0(AEIC), After AEIC.

BUI 15 04:04:14.1, 52.21N, 167.09W, h39km, mb4.7/5,
ISL 15 04:04:13.6.1.1, 52.37N, 167.00W, 0.06, 167.20W, 0.05,
h11km, 26km, n106, 06/89/102, mb4.2/43, MS3.5/8, Fox
Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for OKFG, NIKH, OKER, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for FINES, AKTO, TKM2, etc.

ISJCUB 15 04:13:42.8.0.8, 39.77N, 167.03, 26.04E, 0.07, h9km, 5km,
Error ellipse: s-maj=8.7km s-min=5.2km az=10.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for BOZC, EZIN, etc.

ISJCUB 15 04:39:04.6.0.9, 10.86N, 167.07, 62.32W, 0.06, h92km, 9km,
Error ellipse: s-maj=13.6km s-min=7.1km az=151.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for GUVI, TCE, etc.

DDA 15 04:40:11.7, 39.25N, 167.01, 17E, h7km, Md2.8
ISK 15 04:40:11.7, 39.31N, 167.01, 16E, h9km, Md2.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for ERZN, ERZN, etc.

NEIC 15 05:35:09.3, 16.47N, 94.08W, h132km, MD4.0(MEX), After
MEX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for ERZN, ERZN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for CUKAN, CUKAN, etc.

YARS 15 04:50:05.3, 0.5, 56.81N, 0.05, 122.99E, 0.01, h10km,
Southeastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for YKLR, YKLR, etc.

ISCJB 15 05:23:28.5, 0.8, 51.52N, 0.03, 167.09E, 0.05, h0km, Error
ellipse: s-maj=5.2km s-min=3.8km az=27.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for KSP, KSP, etc.

ISCJB 15 05:23:28.5, 0.8, 51.52N, 0.03, 167.09E, 0.05, h0km, Error
ellipse: s-maj=5.2km s-min=3.8km az=27.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for PRA, PRA, etc.

DDA 15 04:40:12.1, 1.1, 39.31N, 167.03, 15E, 0.03, h5km, 6km,
Error ellipse: s-maj=5.1km s-min=4.0km az=180.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for KHC, KHC, etc.

NEIC 15 05:35:09.3, 16.47N, 94.08W, h132km, MD4.0(MEX), After
MEX.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for CMIG, CMIG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, HNR Honiara, RAO Raoul Island, ARMA Armidale, etc.

ISCJB 15 06:05:10.1±0.4, 8.64S:0.04; 74.80W:0.05, h150km, mb3.7/10, Error ellipse: s-maj=7.4km s-min=5.6km

IDC 15 06:05:10.5±0.7, 8.50S:74.74W, h140km, 7km, mb3.5/10, mb1.3/8.17, mb1mx3.7/35, mbtmp4.1/17, Error ellipse: s-maj=19.8km s-min=10.0km az=30.0

ISC 15 06:10:10.6±0.5, 8.60S:0.06; 74.76W:0.08, h150km, n32, ±141/36, mb3.8/10, Peru-Brazil border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ATAH Athalupa, NNA Nana, OYAV Otavalo, etc.

IDC 15 06:09:07.4±0.5, 14.55S:167.39E, h179km, 5km, mb4.6/30, mb1.4/32, mb1mx4.6/40, mbtmp5.1/32, MS4.5/9, Ms1.4/5/9, ms1mx4.3/27, Error ellipse: s-maj=11.2km s-min=8.7km az=92.0

BUI 15 06:09:07.6, 14.75S:167.64E, h195km, mb4.8/48, mb5.2/44

ISCJB 15 06:09:08.3±0.9, 14.63S:0.03; 167.27E:0.13, h192km, 8km, mb5.1/152, Error ellipse: s-maj=8km s-min=4.2km az=31.6

MOS 15 06:09:08.1±1.4, 14.52S:167.28E, h187km, mb5.0/24, Error ellipse: s-maj=11.3km s-min=9.3km az=131.9

NEIC 15 06:09:10.3±0.8, 14.55S:167.29E, h198km, 7km, mb5.4/102, Error ellipse: s-maj=4.4km s-min=4.0km az=223.0

NEIC Felt at Luganville and Port-Vila. GCMT 15 06:09:10.3±0.1, 14.67S:167.17E, h169km, MW5.8/136, Moment Tensor Solution. s133,c257; s136,c401;

Duration: 2s Moment tensor: Scale 10^17Nm; Mm:4.89E-04; Mm:0.00E-06; Mm:-4.89E-06; Mm:-3.43E-04; Mm:3.77E-06; Mm:0.80E-04; Best double couple: Mm:7.08800E+107 NPT:303.000000, 859.000000;

Principle axes: T1:1230, P1g57.0000, Azm159.0000; N: -0.0680, P1g33.0000, Azm326.0000; P: -7.0540, P1g6.0000, Azm59.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

ISC 15 06:09:08.5±0.3, 14.62S:0.04; 167.29E:0.04, h183km, 2km, n183km, pp-P, n520, ±138/545, mb5.2/153, 19C-29D, Vanuatu Islands

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

Table with columns: MWPI, Station Name, Time, Res, ISC. Includes stations like Manokwari, Pap, GUMO Guam, KNRA Kunurura, WRKA Warakura, etc.

Table of flight data for the first column, including codes like ASAJ, VNSA, SBA, etc., and associated flight details.

Table of flight data for the second column, including codes like UMPA, KMI, LAMP, etc., and associated flight details.

Table of flight data for the third column, including codes like ORV, YB0D, AFDM, etc., and associated flight details.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BNSI Bone, KKSJ Kolaka, SPSI Sidrap, etc.

MEX 15 09:02:20.40.0.5, 27.61N, 111.51W, h16km, 8km, MD3.7, Gulf of California. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

IDC 15 09:05:32.4.3.4, 53.71N, 88.14E, h0km, mb1.2, 9/2, mb1mx2.8, 5.8, mbtmp2.2, ML2.7/2, Error ellipse: s-maj=18.9km s-min=18.9km az=46.0, Southwestern Siberia. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

IDC 15 09:05:51.8.2.0.1, 21.19S, 168.53E, h0km, mb4.3/6, mb1.4, 5.7, mb1mx4.2/32, mbtmp4.3/7, ML3.7/1, Error ellipse: s-maj=72.1km s-min=22.2km az=152.0, ISCJB 15 09:05:53.8.2.0.2, 21.2S, 0.4, 168.5E, 0.3, h30km, mb4.3/5, Error ellipse: s-maj=64.5km s-min=1.4km az=148.3, ISC 15 09:05:55.8.1.9, 21.4S, 0.4, 168.5E, 0.3, h30km, n12, a098/10, mb4.4/5, Loyalty Islands. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

CMAR Chiang Mai Arr 78.74 295 P P 09 17 57.0 +1.1, SOMN Songoing Array 88.48 323 P P 09 18 45.1 -0.2, NVAR Mina Arra Bea 90.72 49 P P 09 18 54.8 -1.3, FINES FINES Array B 132.25 337 PKP PKPdf 09 25 07.5 +1.2, GERES GERES Array B 145.98 330 PKPb PKPab 09 25 33.4 +0.3, DAVOX Davos/Dischmat 149.25 331 PKPb PKPbc 09 25 42.7 +0.9

IDC 15 09:06:19.9.1.0, 31.08N, 86.53E, h0km, mb3.6/10, mb1.3, 8/12, mb1mx3.6/62, mbtmp3.6/12, ML3.1/1, Error ellipse: s-maj=30.3km s-min=20.8km az=48.0, ISCJB 15 09:06:22.3.0.8, 31.2N, 0.1, 86.5E, 0.2, h26km, mb3.6/9, Error ellipse: s-maj=24.8km s-min=12.5km az=145.1, ISC 15 09:06:23.8.0.9, 31.1N, 0.1, 86.6E, 0.2, h26km, n14, a0109/13, mb3.8/9, Xizang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CD2 Chenduo, MKAR Makanchi Arr, CMAR Chiang Mai Arr, etc.

CSEM 15 09:09:51.5.4, 40.14N, 21.87E, h5km, MD2.9, ATH 15 09:09:51.5, 40.14N, 21.87E, h5km, 3km, MD2.9/9, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KZN Kozani, KZN Kozani, FNA Florina, etc.

IDC 15 09:12:16.8.1.0, 20.43S, 168.44E, h0km, mb4.1/11, mb1.4, 6/12, mb1mx4.4/22, mbtmp4.4/12, ML3.9/1, MS3.5/5, Ms1.3/5, ms1mx3.1/26, Error ellipse: s-maj=33.0km s-min=18.6km az=128.0, NEIC 15 09:12:18.6.0.8, 20.40S, 168.35E, h10km, mb4.3/4, Error ellipse: s-maj=23.5km s-min=11.3km az=137.0, ISCJB 15 09:12:19.2.0.6, 20.37S, 0.08, 168.29E, 0.0, h26km, mb4.3/11, MS3.4/4, Error ellipse: s-maj=14.8km s-min=8.6km az=38.8, ISC 15 09:12:20.8.0.7, 20.4AS, 0.1, 168.3E, 0.1, h26km, n25, a018/24, mb4.5/11, MS3.5/4, Loyalty Islands

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

KRNET 15 09:14:28.2.0.1, 40.95N, 70.76E, h30km, mb2.0, ISC 15 09:14:28.2.0.2, 40.94N, 0.08, 70.90E, 0.10, h5km, 20km, n9, a099/16, 8C-6D, Tajikistan. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

IDC 15 09:23:35.9.0.8, 36.05N, 21.74E, h0km, mb4.0/12, mb1.3, 9/21, mb1mx3.8/54, mbtmp3.9/21, ML3.5/9, MS3.3/16, Ms1.3/16, ms1mx3.1/56, Error ellipse: s-maj=16.2km s-min=12.8km az=161.0, CSEM 15 09:23:37.3.0.2, 35.92N, 21.57E, h4km, ML3.9/1, Error ellipse: s-maj=5.4km s-min=3.5km az=48.0, ATH 15 09:23:37.1, 35.82N, 21.56E, h23km, 4km, MD3.7/7, ML3.9, THE 15 09:23:38.2, 35.93N, 21.55E, h5km, 1km, ML3.9/11, Error ellipse: s-maj=1.6km s-min=0.6km az=237.0, ISC 15 09:23:37.1, 35.94N, 0.03, 21.53E, 0.03, h11km, 8km, n309, a143/332, mb4.2/11, MS3.3/8, 19C-17D, Central Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PYL PYLOS, KYTH Kithira, ITM Ithomi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MGOD Makushin Gods, MTBL Makushin Table, UNV Unalakula Valle, etc.

ISC 15 09:48:05.2, 1.6, 20.775x168.45E, h0km, mb4.1/8, mb1.4/3.8, mb1mx4.1/32, mbtmp4.1/8, MS3.4/10, Ms1.3/4.10, ms1mx3.2/32, Error ellipse: s-maj=58.5km s-min=25.1km az=147.0

ISCJB 15 09:48:08.6, 1.5, 20.750x3.168:3E:0.3, h30km, mb4.0/8, MS3.4/7, Error ellipse: s-maj=54.4km s-min=20.3km az=146.6

ISC 15 09:48:09.7, 1.5, 20.85x4.168:5E:0.3, h30km, n16, c118/9, mb4.1/8, MS3.5/7, Loyalty Islands

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

ISC 15 09:48:57.0, 1.3, 2.29N:126.40E, h0km, mb3.7/5, mb1.4/0.6, mb1mx3.7/43, mbtmp3.8/6, ML3.6/1, MS3.4/3, Ms1.3/4.3, ms1mx2.7/45, Error ellipse: s-maj=63.8km s-min=20.8km az=66.0

ISCJB 15 09:49:05.1, 1.0, 2.35N:0.08x126.87E:0.05, h55km, mb3.8/4, MS3.7/2, Error ellipse: s-maj=12.1km s-min=6.6km az=11.6

DJA 15 09:49:06.4, 1.2, 2.5N:5x12.7E, h12km, 12km, M3.9/5, mb4.3/2, ML3.6/5

ISC 15 09:49:05.9, 1.1, 2.32N:0.07x126.88E:0.06, h55km, n21, c221/20, mb3.7/4, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GAMI Galela, Maluku, TMT Ternate, etc.

ISCJB 15 10:01:50.8, 0.4, 4.58S:0.06x125.43E:0.06, h500km, mb3.8/9, Error ellipse: s-maj=9.3km s-min=7.9km az=10.2

ISC 15 10:01:51.8, 1.2, 4.51S: 125.49E, h502km, 15km, mb3.4/9, mb1.3/6.13, mb1mx3.3/42, mbtmp4.3/13, Error ellipse: s-maj=17.8km s-min=12.4km az=57.0

ISC 15 10:01:51.5, 0.6, 4.64S: 128.08x125.47E:0.09, h500km, n26, c119/26, mb3.8/9, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NLAI Namlea, SANI Sanana, AAI Ambon, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSAL Masohi, LBI Labuha, LBU Labuha, etc.

ISC 15 10:02:28.3, 0.9, 15.05S:66.88E, h0km, mb4.1/13, mb1.4/3.13, mb1mx4.1/43, mbtmp4.1/13, MS3.8/16, Ms1.3.8/16, ms1mx3.6/39, Error ellipse: s-maj=29.3km s-min=20.6km az=173.0

ISCJB 15 10:02:29.1, 0.7, 15.1S:0.1:66.9E:0.1, h16km, mb4.2/19, MS3.9/15, Error ellipse: s-maj=20.8km s-min=16.4km az=176.1

NEIC 15 10:02:29.5, 0.5, 15.5S:66.91E, h10km, mb4.5/6, Error ellipse: s-maj=16.5km s-min=13.9km az=188.0

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISC 15 10:02:30.6, 0.8, 15.1S: 0.2:66.9E:0.1, h16km, n52, c094/30, mb4.3/19, MS3.9/15, Mid-Indian Ridge

ISCJB 15 10:07:36.3, 1.3, 51.54N:0.05:15.94E:0.07, h0km, Error ellipse: s-maj=8.6km s-min=4.7km az=33.8

CSEM 15 10:07:36.7, 1.0, 51.57N: 15.99E, h2km, ML2.9/5, Error ellipse: s-maj=15.0km s-min=8.3km az=16.0

PRU 15 10:07:37.5, 1.51, 56N:16.02E, h0km

ISC 15 10:07:37.5, 1.51, 55N:16.08E, h15.97E:0.06, h0km, n16, c045/31, Poland

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

CSEM 15 10:18:12.4, 3.7, 35N:20.48E, h13km, MD3.1, ATH 15 10:18:12.4, 3.7, 35N:20.48E, h13km, MD3.1/11, Ionian Sea

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

CSEM 15 10:18:23.6, 0.2, 42.56N:19.96E, h2km, ML2.3, Error ellipse: s-maj=3.9km s-min=2.5km az=149.0

BE0 15 10:18:24.3, 0.3, 42.53N: 19.99E, h0km, M1.9/1, PDG 15 10:18:24.0, 0.3, 42.55N:19.96E, h3km, 2km, MD2.3/1, ML2.3/1, 8C-13D, Error ellipse: s-maj=0.6km s-min=0.6km az=0.0, Northwestern Balkan Peninsula

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

15d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Unac-Piva, Ivanjica, Selova, Herceg Novi, Bratogost, etc.

DDA 15 10:19:35.5, 38.23N, 28.74E, h16km, MD3.2
ISK 15 10:19:35.6, 38.23N, 28.74E, h8km, MD3.3, ML3.0
ATH 15 10:19:35.0, 38.38N, 28.86E, h13km, gkm, MD3.3, ER

Main table for 15d 10h section, listing station codes, names, and coordinates. Includes stations like Kula-Manisa, Demirci, Akhisar, Izmir, etc.

2011 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SEVY, BORA, MDNY, MDSY, etc.

DDA 15 10:20:43.0, 1.0, 1.84N, 127.24E, h0km, mb4.0/6,
mb1 4.2/6, mb1mx3.8/35, mbtmp.0/6, Error ellipse:
s-maj=62.5km s-min=18.3km az=71.0

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

ISCJB 15 10:25:04.3, 1.4, 12.99N, 0.08, 89.73W, 0.05, h28km, 8km,
mb3, 1/2, Error ellipse: s-maj=13.4km s-min=7.5km

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

760

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

GCMT 15 10:30:32.0, 0.6, 1.03N, 85.21W, h30km, 2km, MW4, 9/66,
Moment Tensor Solution, s21, c27, s66, c88; Duration:
0.0; Moment tensor: Scale 10^19Nm; Mr, 0.16; 19;
Mw, 0.02; 14; Mw, 0.86; 17; Mw, 0.30; 18; Mw, 2.25; 13;

ISC 15 10:30:38.7, 1.6, 1.0N, 0.2, 85.5W, 0.2, h35km, n13, 1, 1, 02/6,
mb3.8/4, MS3.7/4, Off coast of Ecuador

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

CSEM 15 10:31:15.4, 0.4, 2.56N, 19.94E, h2km, ML2.4, Error
ellipse: s-maj=2.9km s-min=2.1km az=162.0

PDG 15 10:31:15.3, 0.2, 42.56N, 19.95E, h4km, 1km, MD2.5/1,
ML2.4/12, Error ellipse: s-maj=0.4km s-min=0.5km az=0.0

BE0 15 10:31:16.3, 0.3, 42.53N, 19.96E, h0km, M2.2/1

ISC 15 10:31:15.0, 9, 42.56N, 0.02, 19.94E, 0.2, h2km, 7km,
n59, c073, 108, 12C-11N, Northwestern Balkan

Main table for 760 section, listing station codes, names, and coordinates. Includes stations like PVY, PEJK, BEY, etc.

Table with columns for station codes (KUR, EZM, BNGB, etc.), call signs, frequencies, and other technical details.

Table with columns for station codes (NR1K, BR131, BRTR, etc.), call signs, frequencies, and other technical details.

Table with columns for station codes (KIS, KISh, KIShinev, etc.), call signs, frequencies, and other technical details.

SUMG	Summit	99.84	347	i P	Pdf	11 37 37.2 +0.9	C26A	Wahner Farm, P	127.39	16	P	PKPdf	11 42 57.2 +0.5	K22A	Mission Ridge	130.58	16	eSKPbc	SKPbc	11 46 25.5 +0.5
SUMG	Summit	99.84	347	ePdf	Pdf	11 37 37.4 +1.1	RLMT	Red Lodge	127.43	23	P	PKPdf	11 42 57.2 +0.1	H28A	Osito Audit: C	130.59	39	PFAKE	PKPdf	11 43 03.4 +0.4
SUMG	Summit	111.10	17	ePdf	Pdf	11 41 41.8 +1.1	B29A	Battle Mountain	127.45	32	ePKPdf	PKPdf	11 42 59.1 +1.8	OSI	Osito Audit: C	130.59	39	PFAKE	LR	11 43 10.0 +6.8
PAX	Paxson	100.24	24	ePdf	LR	11 37 50.0 +1.2	B32A	Wagenman Farm, 127.45	13	P	PKPdf	11 42 57.4 +0.6	OSI	Osito Audit: C	130.59	39	PFAKE	LR	11 43 10.0 +6.8	
PAX	Paxson	100.24	24	ePdf	LR	11 37 50.0 +1.2	H17A	Grant Village	127.52	24	PFAKE	LR	11 43 10.0 +1.3	F33A	5 Mile Ranch,	130.62	12	P	PKPdf	11 43 03.1 +0.2
DBIC	Dimboko	100.77	277	PKKpbc	PKKpbc	11 53 54.5 +0.2	A32A	Rocking H Ranc	127.62	11	P	PKPdf	11 42 56.7 -0.4	I26A	New Underwood	130.62	18	P	PKPdf	11 43 03.2 +0.1
DIV	Divide	100.93	26	PFAKE	LR	11 37 50.0 +9.0	A32A	Rocking H Ranc	127.62	11	P	PKPdf	11 42 56.7 -0.4	LRMC	Laurel Mtn Rad	130.65	37	P	PKPdf	11 43 03.4 0.0
DIV	Divide	100.93	26	PFAKE	LR	11 37 50.0 +9.0	C27A	Saylor Ranch,	127.64	15	P	PKPdf	11 42 57.4 +0.2	G30A	Faulkton	130.65	14	P	PKPdf	11 43 03.1 +0.1
EGAK	Eagle	101.04	22	PFAKE	LR	11 37 50.0 +8.7	D25A	Fairfield	127.66	17	P	PKPdf	11 42 57.9 +0.5	EMMW	East Machias	130.83	345	PFAKE	LR	11 43 10.0 +6.7
EGAK	Eagle	101.04	22	PFAKE	LR	11 37 50.0 +8.7	B30A	Myrvik Farm, E	127.70	12	P	PKPdf	11 42 57.6 +0.3	EMMW	East Machias	130.83	345	PFAKE	LR	11 43 10.0 +6.7
EYAK	Cordova Ski Ar	101.20	26	PFAKE	LR	11 37 50.0 +8.0	A33A	Warrod	127.80	10	P	PKPdf	11 42 57.3 -0.2	I27A	Quinn	130.83	17	P	PKPdf	11 43 03.5 0.0
EYAK	Cordova Ski Ar	101.20	26	PFAKE	LR	11 37 50.0 +8.0	A33A	Warrod	127.80	10	P	PKPdf	11 42 57.3 -0.2	H29A	Onida	130.84	16	P	PKPdf	11 43 03.2 -0.2
INK	Inuvik	101.53	17	PKKpbc	PKKpbc	11 53 55.7 +1.9	C28A	Hausauer Farms	127.92	14	P	PKPdf	11 42 58.4 +0.6	EDW2	Edwards Air Fo	130.87	38	P	PKPdf	11 43 03.6 -0.1
INK	Inuvik	101.53	17	PKKpbc	PKKpbc	11 53 55.7 +1.9	MOOV	Moose Ponds	127.98	25	ePKPdf	PKPdf	11 42 59.5 +1.2	J25A	Sunshine Ranch	130.89	19	P	PKPdf	11 43 03.3 -0.3
INK	Inuvik	101.53	17	PKKpbc	PKKpbc	11 53 55.7 +1.9	MOOV	Moose Ponds	127.98	25	ePKPdf	PKPdf	11 42 59.5 +1.2	G32A	Webster	130.92	13	P	PKPdf	11 43 04.1 +0.6
RAGM	Ragged Mountai	101.75	26	PFAKE	LR	11 37 50.0 +5.4	MDND	Maddock	127.99	14	P	PKPdf	11 42 57.4 -0.5	G32A	Webster	130.92	13	P	PKPdf	11 43 04.1 +0.6
RAGM	Ragged Mountai	101.75	26	PFAKE	LR	11 37 50.0 +5.4	MDND	Maddock	127.99	14	P	PKPdf	11 42 57.4 -0.5	F35A	Swanville	130.92	10	P	PKPdf	11 43 04.1 +0.6
DAWY	Dawson	102.07	22	ePdf	Pdf	11 37 46.9 +0.9	MDND	Maddock	127.99	14	P	PKPdf	11 42 57.4 -0.5	F36A	Milaca	131.09	9	P	PKPdf	11 43 03.8 0.0
BS	Resolute Bay	102.66	3	ePdf	Pdf	11 37 49.2 +1.0	D26A	Manning	128.02	16	P	PKPdf	11 42 58.1 +0.1	I28A	Midland	131.15	17	P	PKPdf	11 43 04.4 +0.4
SKAG	Skagway	106.25	25	PFAKE	LR	11 42 30.0	B32A	Ashes, Strandq	128.12	11	P	PKPdf	11 42 57.7 -0.4	J26A	Sides Ranch, S	131.20	19	P	PKPdf	11 43 04.2 0.0
YKA	Yellowknife Ar	111.10	15	PKKP	PKIKP	11 42 25.2 +0.3	LOHW	Long Hollow	128.15	25	ePKPdf	PKPdf	11 42 57.8 -0.8	G33A	Ortonville	131.20	12	P	PKPdf	11 43 04.1 +0.1
YKA	Yellowknife Ar	111.10	15	PKKP	PKIKP	11 42 25.2 +0.3	D27A	Cent	128.20	15	P	PKPdf	11 42 58.9 +0.6	PASC	Pasadena Art C	131.21	39	ePKPdf	PKPdf	11 43 06.9 +2.5
YKA	Yellowknife Ar	111.10	15	PKKP	PKIKP	11 42 25.2 +0.3	E25A	Miller Ranch,	128.22	17	P	PKPdf	11 42 58.2 -0.2	MWC	Mount Wilson	131.26	38	ePKPdf	PKPdf	11 43 05.9 +1.2
YKA	Yellowknife Ar	111.10	15	PKKP	PKIKP	11 42 25.2 +0.3	REDF	Red Top Meadow	128.25	25	ePKPdf	PKPdf	11 42 59.2 +0.5	MWC	Mount Wilson	131.26	38	ePKPdf	PKPdf	11 43 05.9 +1.2
YKBS	Yellowknife Ar	111.10	15	PKKP	PKIKP	11 38 27.9 +1.8	ELK	Elko	128.25	30	ePKPdf	PKPdf	11 43 00.8 +1.9	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PKPdf	11 42 57.6 -1.3	GSC	Goldstone, Bar	131.29	36	ePKPdf	PKPdf	11 43 05.5 +0.8
TBI	Tubuai	113.20	114	eSdif	Sdif	11 51 04.1 +3.0	NV01	Mina Array Sit	128.27	35	ePKPdf	PK								

Table with columns: YAK, YAKUTSK, 64.58, 17c, P, 11 46 40.5 -0.9, etc. Includes station names like Yakutsk, Solikamsk, Anapa, etc.

Table with columns: INK, 0.5nm, 0.8s, baz=235, slow=4.7, SNR=5, etc. Includes station names like Inuvik, BUI, IDC, KLM, etc.

Table with columns: CHTO, CHIANG MAI, 16.55, 9 ePn, Pn, 11 49 09.5 -0.8, etc. Includes station names like Chiang Mai, Nakhonpanom, etc.

WMQ		pP	pP	11 53 19.5 +3.2
WMQ		S	S	11 59 24.0 -2.4
WMQ		pmax	pmax	
WRA	comp=Z,18nm,1.0s	P	P	11 53 20.6 -0.5
WRAB	Warramunga Arr	34.43 122 P	SNR=30	
WRAB	Tennant Creek	43.44 122 d/P		11 53 20.5 -0.7
WRAB		eP	P	11 53 20.4 -0.7
WRAB	Tennant Creek	43.44 122 eP		11 53 28.9 +0.5
PDGK	Podgornoye	43.44 342 eP	pmax	11 53 21.3 +0.6
PDGK		eP	pmax	
WC3	Warramunga Arr	43.47 122 eP		11 53 20.9 -0.5
UCH	Uchtor	44.22 337 P		11 53 28.1 +0.5
TKM2	Tokmak 2	44.40 338 i/P	pmax	11 53 28.5 -0.2
TKM2		P	P	11 53 30.0 +1.2
TKM2	Tokmak 2	44.40 338 eP		11 53 29.3 +0.5
KBK	Karagaybulak	44.42 337 P		11 53 30.3 +1.5
AML	Almayshu	44.47 336 P		11 53 30.6 +1.1
AAK	Ala-Archa	44.57 337 P		11 53 31.3 +1.2
AAK	Ala-Archa	44.57 337 ceP	pmax	11 53 30.6 +0.5
AAK	Ala-Archa	44.57 337 P		11 53 31.6 +1.5
AAK	Ala-Archa	44.57 337 eP		11 53 30.7 +0.6
FRU	Bishkek	44.69 337 eP	pmax	11 53 32.0 +1.1
EKS2	Erkin-Say	44.88 336 P		11 53 33.6 +1.2
EKS2	Erkin-Say	44.88 336 eP		11 53 33.6 +1.2
USP	Ospenovka	45.11 338 P		11 53 35.0 +0.8
KSAR	Wonju Array B	45.40 36 P		11 53 36.0 -0.5
KS01	Wonju Array Si	45.43 36 eP		11 53 36.3 -0.5
KSRS	Korea Array	45.43 36 eP		11 53 36.0 -0.7
MK01	Makanchi Array	45.87 347 eP	pmax	11 53 40.3 +0.1
MK31	Makanchi Array	45.90 347 i/P	pmax	11 53 40.2 -0.2
MK31		eP	pmax	
MK31	Makanchi Array	45.90 347 eP		11 53 40.5 +0.1
MKAR	Makanchi Array	45.90 347 P		11 53 40.4 0.0
MAK2	Makanchi	45.98 346 eP		11 53 40.9 -0.1
SONM	Songino Array	46.13 9 P		11 53 42.2 -0.1
SONM		eP	P	11 55 18.7 +0.5
SONA1	Songino Array	46.16 9 eP	P	11 53 42.1 -0.3
ULN	Ulanbaatar	46.27 10 ceP	pmax	11 53 43.6 +0.2
ULN		eP	pmax	
ULN	Ulanbaatar	46.27 10 P		11 53 43.1 -0.3
KK31	Karatay Array	46.61 334 i/P	pmax	11 53 46.5 +0.5
KK31		eP	pmax	
KKAR	Karatay Array	46.61 334 eP		11 53 46.0 0.0
ZAK	Zakamensk	48.21 6 eP	pmax	11 53 58.3 -0.1
ZAK		eP	pmax	
HVS	Khovu-Aksy	48.64 358 i/P	pmax	11 54 00.9 -0.9
CN2	Changchun	48.70 28 eP	pmax	11 54 01.1 -1.1
MOY	Mondy	49.29 4 eP	pmax	11 54 07.6 +0.9
TLY	Talaya	49.53 6 eP	pmax	11 54 09.8 +1.4
TLY		eP	pmax	
TLY	Talaya	49.53 6 eP		11 54 08.7 +0.2
GEYT	Alibeck	49.73 320 P		11 54 10.8 +0.5
OTUK	Ortayu	50.14 339 P	pmax	11 54 12.9 -0.3
IRK	Irkutsk	50.15 6 eP	pmax	11 54 13.3 +0.1
KURBB	Kurchatov Arra	50.37 345 P		11 54 14.9 0.0
KURK	Kurchatov	50.44 346 eP	pmax	11 54 14.9 -0.4
KURK		eP	pmax	
KURK	Kurchatov	50.44 346 P		11 54 14.9 -0.4
HIA	Hallar	50.85 20 eP		11 54 18.2 +0.3
MDJ	Mudanjiang	51.31 30 P		11 54 22.8 +0.8
MJAR	Matsuhiro Arr	51.47 43 P		11 54 21.9 -1.5
MJAR		eP	P	11 55 38.0 +0.4
PMG	Port Moresby	52.02 104 ceP	pmax	11 54 28.4 +0.6
PMG		eP	pmax	
USRK	Ussuriysk Ar.	52.26 32 P		11 54 28.6 -0.5
ZAA0	Zalesovo Beam	52.27 351 eP		11 54 29.0 0.0
ZALV	Zalesovo Beam	52.27 351 P		11 54 28.9 -0.1
ZALV	Zalesovo Beam	52.27 351 i/P	pmax	11 54 28.8 -0.2
NVS	Novosibirsk	53.38 351 eP	pmax	11 54 36.0 -1.2
RAYN	Ar Rayn	53.40 298 eP		11 54 39.0 +1.0
KRAYN	Krasnoyarsk	53.55 358 eP	pmax	11 54 37.7 -0.7
CTA	Charters Tower	53.84 117 P		11 54 41.0 -0.7
CTA0	Charters Tower	53.84 117 eP		11 54 40.6 -0.7
VOSK	Vostochnaya	54.41 341 ceP	pmax	11 54 43.7 -1.1
STKA	Stephens Creek	54.82 132 P		11 54 47.7 -0.4
BRVK	Borovyoye	54.92 341 d/P	pmax	11 54 47.1 -1.3
BRVK		eP	pmax	
BRVK	Borovyoye	54.92 341 eP		11 54 48.1 -0.3
ZRNK	Zerenda	55.25 340 eP		11 54 50.4 -0.5
CHKZ	Chkalovo	55.34 342 i/P	pmax	11 54 49.6 -1.8
CHKZ		eP	pmax	
AB31	Akbulak array	56.06 332 i/P	pmax	11 54 56.1 -0.6
AB31		eP	pmax	
ABKAR	Akbulak array	56.06 332 eP		11 54 56.5 -0.2
BOD	Bodaibo	57.04 11 eP	pmax	11 55 02.9 -0.7
BOD		eP	pmax	
KMBO	Kilima Mboogo	59.12 267 P		11 55 20.9 +1.6
KMBO	Kilima Mboogo	59.12 267 ceP	pmax	11 55 21.1 +1.9

KMBO	Kilima Mboogo	59.12 267 eP	P	11 55 21.4 +2.2
GNI	Garni	59.82 316 eP	pmax	11 55 23.2 -0.3
YSS	Yuzh-Sakhalins	59.92 35 eP	P	11 55 22.1 -1.7
YSS	Yuzh-Sakhalins	59.92 35 eP	P	11 55 23.8 0.0
SVE	Sverdlovsk	61.27 339 i/P	pmax	11 55 32.7 -0.2
ZEI	Tsey	61.53 318 eP	pmax	11 55 34.7 -0.5
ARU	Arti	61.76 337 c/P	P	11 55 35.5 -0.6
ARU		eP	SS	11 57 47.1
ARU		eP	SS	12 03 57.5 -0.2
ARU		eP	SS	12 07 50.9 -3.8
ARU	Arti	61.76 337 eP	P	11 55 35.6 -0.6
NKL	Nikolayevsk	62.44 28 eP	pmax	11 55 40.2 -0.5
KBZ	Khabaz	62.59 319 P		11 55 44.2 +0.4
KIV	Kislovodsk	62.83 319 eP	P	11 55 44.8 +1.1
YAK	Yakutsk	64.57 17 P	pmax	11 55 54.2 -0.5
YAK	Yakutsk	64.57 17 c/P	P	11 55 53.6 -1.1
YAK		eP	P	11 56 01.3 -1.0
YAK		eP	SS	11 59 29.7
YAK		eP	SS	12 04 28.6 -3.0
YAK		eP	SS	12 04 44.5 -0.6
YAK		eP	SS	12 05 45.8
YAK		eP	SS	12 11 33.4
YAK	Yakutsk	64.57 17 eP	P	11 55 53.8 -0.8
SOKR	Solkamsk	64.69 339 i/P	pmax	11 55 55.6 +0.1
VRH	Novokhopovsk	66.65 326 eP	pmax	11 56 07.0 -1.3
VRH		eP	pmax	
VRH		eP	pmax	
VRH		eP	pmax	
NR1K	Noril'sk	67.11 357 P		11 56 10.6 -0.4
BR131	Keskin Array S	67.65 312 eP	P	11 56 14.3 -0.9
BR1R	Keskin Array B	67.65 312 P	P	11 56 14.4 -0.8
BR1R	Keskin Array B	67.65 312 ceP	pmax	11 56 14.3 -0.9
VORD	Divnogovo	67.91 325 eP	pmax	11 56 14.1 -2.3
VORD		eP	pmax	
VORD		eP	pmax	
VORD		eP	pmax	
VSR	Storozhevoje	68.09 325 eP	pmax	11 56 16.2 -1.3
VSR		eP	pmax	
VSR		eP	pmax	
VSR		eP	pmax	
BR231	Meskin MP Arra	68.32 312 eP	P	11 56 15.1 -4.3
MIR	Mirny	68.80 181 eP	pmax	11 56 24.0 +2.4
LPSR	Galich'ya Gora	68.82 327 eP	pmax	11 56 20.8 -1.2
MA2	Magadan	70.69 26 P	P	11 56 33.0 -0.4
MOS	Moscow	70.86 329 eP	P	11 56 39.8 +5.3
OBN	Obninsk	71.15 328 ceP	pmax	11 56 36.6 +0.4
TIXI	Tiksi	72.21 10 ceP	P	11 56 41.3 -1.0
TIXI		eP	pmax	11 59 24.3
TIXI	Tiksi	72.21 10 eP	P	11 56 41.1 -1.2
KLMR	Klimovskoe	72.31 335 eP	pmax	11 56 41.4 -1.7
TIRR	Tirgusor	72.65 316 i/P	P	11 56 45.0 -0.5
CFR	Carcaiu	73.02 317 i/P	P	11 56 47.2 -0.5
CFR	Carcaiu	73.02 317 i/P	P	11 56 47.2 -0.5
AKASO	Main Array Be	73.78 322 eP	P	11 56 51.2 -0.8
KIEV	Kiev	73.79 322 eP	pmax	11 56 51.3 -0.8
VRI	Vrinicioia	74.14 317 i/P	P	11 56 55.5 +1.2
PLOR	Plostina	74.19 317 i/P	P	11 56 54.8 +0.1
PLOR	Plostina	74.19 317 i/P	P	11 56 54.8 +0.1
TESR	Tescani	74.34 318 i/P	P	11 56 55.9 +0.4
TMCR	Tamitsa	74.50 337 eP	pmax	11 56 55.6 -0.3
MLR	Muntele Rosu	74.59 317 i/P	P	11 56 58.2 +1.1
MLR	Muntele Rosu	74.59 317 i/P	P	11 56 58.2 +1.1
VOIR	Vitosha	75.20 316 i/P	P	11 56 59.9 -0.6
BURAR	Bucovina Array	75.55 319 i/P	P	11 57 03.1 +0.6
BURAR	Bucovina Array	75.55 319 i/P	P	11 57 03.1 +0.6
BURAR	Bucovina Array	75.55 319 eP	P	11 57 03.0 +0.5
VTS	Vitosha	75.97 313 i/P	P	11 57 04.8 -0.3
DRGR	Drgr	77.06 317 i/P	P	11 57 11.8 +0.7
DRGR		eP	pmax	11 57 11.8 +0.7
VSU	Vasula	77.38 330 ceP	pmax	11 57 13.3 +0.8
KOLS	Koloniche sedl	77.74 320 eP	pmax	11 57 15.9 +1.1
KOLS		eP	pmax	
KOLS	Koloniche sedl	77.74 320 eP	P	11 57 15.9 +1.1
DIVS	Divbare	78.52 314 i/P	P	11 57 18.4 -0.9
FIA1	FINESS Array S	78.55 333 eP	P	11 57 18.4 -0.5

FINES	FINESS Array B	78.55 333 P	P	11 57 18.6 -0.4
PSZ	Piszkesteto	79.13 318 i/P	P	11 57 22.8 +0.2
PSZ	Piszkesteto	79.13 318 i/P	P	11 57 22.8 +0.2
PKSM	Moragy	79.74 316 i/P	P	11 57 26.0 +0.3
PKSM		eP	P	11 57 26.0 +0.3
BLY	Banja Luka	80.59 315 i/P	P	11 57 30.9 +0.4
ARCES	ARCCESS Array B	81.13 340 P	P	11 57 33.3 +0.4
DPC	Dobruska-Polom	81.77 320 eP	SNR=11	11 57 37.6 +0.9
DPC		eP	P	11 57 46.8
DPC	Dobruska-Polom	81.77 320 eP	x	11 57 37.6 +0.9
DPC		eP	x	11 57 46.8
GERE2	GERESS Array S	83.33 319 eP	P	11 57 45.1 +0.2
GERE2		eP	P	11 57 45.1 +0.2
GERE2	GERESS Array B	83.33 319 P	P	11 57 45.7 +0.3
KHC	Kasperske Hory	83.44 319 eP	P	11 57 45.7 +0.3
KHC	Kasperske Hory	83.44 319 eP	P	11 57 45.7 +0.3
NB2	NORSAR Subarra	85.55 331 P	P	11 57 55.5 -0.3
NOA	NORSAR Array B	85.55 331 P	P	11 57 55.8 0.0
SPITS	Spitsbergen Ar	85.63 348 P	P	11 57 55.7 -0.2
DAVOX	Davos/Dischmat	85.82 317 P	P	11 57 58.0 +0.3
DAVOX	Davos/Dischmat	85.82 317 P	pmax	11 57 58.0 +0.3
DAVOX		eP	pmax	
KEST	Kesra	86.14 305 P	P	11 58 00.4 +1.1
GAMB	Gambell	88.79 26 eP	P	11 58 12.1 +0.8
TAM	Tamanrasset	89.79 293 eP	P	11 58 16.2 -1.0
TAM		eP	P	11 58 28.1 +3.0
TORD	Torodi Ar. Bea	93.93 283 P	P	11 58 38.7 +2.4
F10A	Beach Ranch, E	123.48 27 ePKPdf	PKPdf	12 04 15.9 +0.4
M02C	Callahan	123.78 35 P	PKPdf	12 04 17.0 +0.9
MSO	Missoula	124.26 25 P	PKPdf	12 04 16.6 -0.3
EGMT	Eggleton	124.91 21 P	PKPdf	12 04 18.1 0.0
003D	Paynes Creek	125.11 35 P	PKPdf	12 04 18.1 -0.6
ULM	Lac du Bonnet	126.56 10 PKP	PKPdf	12 04 20.2 -0.8
HLID	Hailey	126.61 28 P	PKPdf	12 04 21.7 +0.1
E25A	Miller Ranch,	128.33 17 P	PKPdf	12 04 25.2 +0.6
NVAR	Mina Array Bea	128.36 35 PKP	PKPdf	12 04 25.2 +0.1
C31A	Landman Farms,	128.56 12 P	PKPdf	12 04 25.5 +0.5
F26A	Lodgepole	129.13 17 P	PKPdf	12 04 25.5 -0.7
PDAR	Pinedale Array	129.38 25 PKP	PKPdf	12 04 26.6 -0.3
R11A	Troy Canyon, C	129.93 39 P	PKPdf	12 04 29.7 +1.6
DUG	Dugway, Tooele	129.97 29 P	PKPdf	12 04 29.6 +1.5
ANMO	Albuquerque	137.19 28 i/P	PKPdf	12 04 40.4 -1.5
ANMO	Albuquerque	137.19 28 eP	PKPdf	12 04 43.6 +1.7
TXAR	Lajitas Array	143.14 30 PKHP	PKPrpe	12 04 47.9
JCT	Junction City	143.91 24 ePKPdf	PKPbc	12 04 52.1 +0.5
CPUP	Villa Florida	145.22 224 PKPbc	PKPdf	12 04 56.5 +0.3
BRAL	Brewton	146.65 5 ePKPbc	PKPbc	12 05 00.1 +0.7
LPZA	La Paz	159.34 227 PKPab	PKPab	12 05 57.1 +1.0

NNC 11:57:05.4-3.3, 37.15N:71.04E, h230km, mb2.4, mpv3.6, C-2D, Error ellipse: s-maj=43.2km, s-min=26.5km az=24.0, Afghanistan-Tajikistan border region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
MNAS	Manas	5.45	11	U	h m s	ISC
MNAS				U	11 58 26.3	-0.1
KK31	Karatay Array	5.96	356	P	11 59 32.1	+1.4

15d 12h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Bering, Magadan, Matsushiro, etc.

ISCJB 15 12:03:44.0±1.4, 12.7S;0.2±1.65;7E±0.2, h33km, mb3.8/5, Error ellipse: s-maj=29.5km s-min=25.8km az=36.0

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

CSEM 15 12:04:11.3±0.4, 41.94N-23.17E, h2km, ML1.4, Error ellipse: s-maj=10.1km s-min=3.8km az=104.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Vitosha, Valandovo, Barje, etc.

CSEM 15 12:05:45.0±0.3, 39.79N-29.86E, h2km, MD2.4, Error ellipse: s-maj=5.8km s-min=3.5km az=22.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Cavuskoj, Eskisehir, Iznik, etc.

JMA 15 12:22:18.4±0.1, 24.60N-122.74E, h100km, 2km, M2.3

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Yonaguni jima, Suao, Irif, etc.

2011 JAN

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Mucha, Chiawan, Kuro-shima, etc.

IDC 15 12:22:29.4±1.6, 14.78N-93.63W, h0km, mb4.1/14, mb1.4-4/16, mb1mx4.2/43, mbtmp4.1/16, ML3.8/2, Error ellipse: s-maj=57.0km s-min=17.3km az=40.1

MEX 15 12:22:36.8±0.8, 8.1494N-93.65W, h84km±19km, MD4.4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PCIG, Comitan, Matias Romero, etc.

772

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Laredo, Chaparral WMA, Faith Ranch, etc.

AMTX	Amarillo	21.14 341	eP	P	12 27 19.0 +0.6
V33A	Lossen Ranch, baz=168,SNR=6.9	21.21 350	P	P	12 27 19.6 +0.5
V32A	Arapaho, baz=166	21.25 348	P	P	12 27 20.5 +0.9
SWET	Sewanee	21.35 18	eP	P	12 27 21.9 +1.2
U37A	Salina, baz=177,SNR=8.9	21.42 357	P	P	12 27 22.5 +1.1
U38A	Gravette, baz=179,SNR=6.0	21.42 358	P	P	12 27 22.4 +1.0
V31A	Spring Creek L, baz=164	21.48 346	P	P	12 27 23.7 +1.7
ROSC	El Rosal, 6.6nm,0.4s,baz=317,slow=14,SNR=5.6	21.48 116	P	P	12 27 22.8 +0.2
U35A	Pawnee, baz=172	21.52 353	P	P	12 27 24.0 +1.5
121A	Cookes Peak, D, baz=141,SNR=26	21.73 326	P	P	12 27 24.6 +1.7
U33A	Lingo Farm, Me, baz=169,SNR=5.8	21.77 350	P	P	12 27 22.9 -0.3
U32A	Winter Ranch, baz=167	21.88 348	P	P	12 27 26.8 +0.4
PBMO	Poplar Bluff, 22nm,1.4s	21.94 7	eP	P	12 27 28.2 +1.3
T35A	Sooner Cattle, baz=173	22.04 354	P	P	12 27 27.3 -0.7
T36A	Boggs Farm, Ca, baz=175	22.12 355	P	P	12 27 29.2 +0.3
T37A	Cheneyville 18, baz=171,SNR=9.1	22.12 357	P	P	12 27 30.0 +1.1
T40A	Mansfield, baz=183,SNR=7.5	22.14 2	P	P	12 27 30.3 +1.2
U34A	McClaskey Farm, baz=172	22.22 352	P	P	12 27 30.6 +0.6
T30A	WK&E Inc. Balk, baz=163	22.39 345	P	P	12 27 31.8 -0.1
T33A	Patterson Ranc, baz=169	22.43 350	P	P	12 27 33.7 +1.4
BNM	Barren Site	22.44 331	eP	P	12 27 32.2 -0.3
S40A	Lebanon, baz=183,SNR=5.5	22.59 2	P	P	12 27 34.4 +0.4
S38A	Stockton, baz=180,SNR=8.1	22.60 359	P	P	12 27 34.8 +0.0
T32A	Huddler Ranch, baz=167	22.64 349	P	P	12 27 34.2 -0.3
S39A	Bolivar, baz=181,SNR=17	22.66 1	P	P	12 27 35.6 +0.9
T31A	Randall Ranch, baz=165	22.71 347	P	P	12 27 35.3 0.0
S36A	Lake Cedric, C, baz=176,SNR=7.3	22.76 356	P	P	12 27 36.2 +0.5
S35A	Otter Creek Ra, baz=171,SNR=9.1	22.77 355	P	P	12 27 36.5 +0.7
LAZ	Ladron, 22.89 330	eP	P	12 27 37.6 +0.3	
ANMO	Albuquerque, 1.2nm,0.7s,baz=145,slow=13,SNR=7.6	23.02 332	P	P	12 27 38.2 -0.4
ANMO	Albuquerque, baz=148	23.02 332	P	P	12 27 38.2 -0.4
ANMO	Albuquerque, 5.0nm,1.1s	23.02 332	eP	P	12 27 38.4 -0.2
SIUC	Southern Illin	23.02 9	eP	P	12 27 39.6 +1.2
S32A	Newby Ranch, P, baz=168	23.15 349	P	P	12 27 40.4 +0.7
T29A	Hugoton, baz=168	23.15 344	P	P	12 27 40.3 +0.6
R38A	Fenwick Farm, baz=180,SNR=7.0	23.16 359	P	P	12 27 39.7 0.0
S31A	Mullinville, baz=166	23.18 348	P	P	12 27 39.9 0.0
R39A	Chumby, Stover, baz=182,SNR=11	23.29 1	P	P	12 27 41.1 +0.1
R40A	Maddies Statio, baz=184	23.29 3	P	P	12 27 41.7 +0.7
TUC	Tucson, baz=135	23.30 321	P	P	12 27 40.9 -0.4
TUC	Tucson, 7.4nm,1.1s	23.30 321	eP	P	12 27 41.6 +0.3
R37A	Teagarden Farm, baz=172	23.30 358	P	P	12 27 41.4 +0.3
R36A	Gordon, Harris, baz=176	23.35 356	P	P	12 27 41.5 -0.1
S30A	Montezuma, baz=164,SNR=5.9	23.41 346	P	P	12 27 42.5 +0.3
USIN	University of, 46nm,1.4s	23.54 12	eP	P	12 27 43.8 +0.5
S29A	Ulysses, baz=162,SNR=5.5	23.54 345	P	P	12 27 44.1 +0.6
R32A	Long Quarter, baz=168,SNR=6.6	23.82 350	P	P	12 27 46.8 +0.9
R31A	Burdett, baz=166,SNR=5.7	23.83 348	P	P	12 27 46.5 +0.4
Q35A	Mercer Eighty, baz=175,SNR=5.3	23.92 355	P	P	12 27 46.7 -0.1
Q38A	Cooks Store, C, baz=180,SNR=13	23.93 0	P	P	12 27 47.0 +0.1
R40A	Dighton, baz=165,SNR=7.9	23.98 347	P	P	12 27 48.2 +0.0
Q30A	Laux Farm, A, baz=184	24.00 3	P	P	12 27 47.9 +0.4
Q39A	Willow Grove F, baz=162,SNR=5.5	24.02 1	P	P	12 27 48.2 +0.5
Q34A	Chapman, baz=173	24.06 354	P	P	12 27 48.3 +0.1
WC1	Wyandotte Cave, 15nm,0.8s	24.09 14	eP	P	12 27 48.6 +0.2
T25A	Trinidad, baz=154,SNR=7.8	24.09 339	eP	P	12 27 50.1 +1.5
T25A	Trinidad, 12nm,1.0s	24.09 339	eP	P	12 27 51.0 +2.3
OLIL	Olney, 22nm,1.0s	24.20 11	eP	P	12 27 49.8 +0.5
KSU1	Kansas State U, baz=174	24.21 354	P	P	12 27 49.5 0.0
KSU1	Kansas State U, 9.1nm,0.8s	24.21 354	eP	P	12 27 49.0 -0.4
Q33A	Connelly Farm, baz=171	24.25 352	P	P	12 27 50.8 +1.0
R29A	Marienthal, baz=163,SNR=7.5	24.31 346	P	P	12 27 51.1 +0.7
Q32A	Mettler Ranch, baz=169,SNR=6.4	24.35 351	P	P	12 27 51.3 +0.6
CBKS	Cedar Bluff, baz=166	24.38 348	P	P	12 27 51.6 +0.5
R28A	Tribune, baz=161	24.40 344	P	P	12 27 51.7 +0.4
P39A	Salisbury, baz=182	24.47 2	P	P	12 27 51.5 -0.2
Q31A	Ellis, baz=167	24.50 349	P	P	12 27 52.2 +0.1
P40A	Paris, baz=184	24.54 3	P	P	12 27 52.1 -0.3
P37A	Lathrop, baz=179	24.56 359	P	P	12 27 52.2 -0.5
P38A	Dawn, baz=181,SNR=5.8	24.59 0	P	P	12 27 52.7 -0.2
P36A	Good Intent, A, baz=177,SNR=6.1	24.62 357	P	P	12 27 53.2 0.0
Q30A	Quinter, baz=165,SNR=6.5	24.64 348	P	P	12 27 54.4 +1.0
P34A	Walnut Farm, R, baz=173	24.67 354	P	P	12 27 53.9 +0.2
Q29A	Oakley, baz=164,SNR=12	24.72 346	P	P	12 27 55.9 +1.7
P32A	Huitting Farm, baz=169	24.72 351	P	P	12 27 57.1 +0.7
P31A	Stockton, baz=167	25.00 349	P	P	12 27 57.6 +0.9
SDCO	Great Sand Dun, baz=153	25.03 337	P	P	12 27 58.8 +1.6
SDCO	Great Sand Dun, 5.3nm,1.2s	25.03 337	eP	P	12 27 58.2 +0.9
Q28A	Sharon Springs, baz=162	25.09 345	P	P	12 28 00.5 +2.9
Q38A	Galt, baz=181	25.09 0	P	P	12 27 57.2 -0.2
Q36A	Bolkow, baz=177	25.12 358	P	P	12 27 57.5 -0.2
Q37A	Wolven Farm, M, baz=179	25.14 359	P	P	12 27 57.8 -0.1
P30A	Selden, baz=165,SNR=11	25.19 348	P	P	12 27 59.3 +0.9
Q33A	Hebron, baz=172	25.28 353	P	P	12 28 00.3 +1.2
Q34A	Beatrice, baz=174	25.29 355	P	P	12 27 59.2 -0.1

O35A	Humboldt, baz=175	25.31 356	P	P	12 27 59.1 -0.4
P29A	Atwood, baz=164,SNR=5.4	25.39 347	P	P	12 28 01.5 +1.3
S22A	4UR Ranch, Cre, baz=150	25.55 335	P	P	12 28 03.4 +1.4
P28A	Saint Francis, baz=162,SNR=7.5	25.55 345	P	P	12 28 04.4 +2.6
O31A	Woolen Ranch, baz=179	25.61 350	P	P	12 28 02.7 +0.5
N37A	Lee Faris, Mou, baz=179	25.73 359	P	P	12 28 03.5 +0.2
N38A	Joes South For, baz=181,SNR=14	25.76 1	P	P	12 28 03.8 +0.3
N36A	Muff Farm, Cla, baz=178	25.81 358	P	P	12 28 03.6 -0.4
MVCO	Mesa Verde, baz=172	25.81 332	P	P	12 28 05.6 +1.2
MVCO	Mesa Verde, 6.1nm,0.9s	25.81 332	eP	P	12 28 05.0 +0.6
O29A	4D Ranch, Culb, baz=165	25.86 347	P	P	12 28 05.7 +1.2
N39A	Denby Farms, D, baz=183	25.86 2	P	P	12 28 04.0 -0.4
N34A	Lincoln, baz=174	25.92 355	P	P	12 28 05.4 +0.4
WUAZ	Wupatki, baz=188	25.94 325	P	P	12 28 05.2 -0.2
WUAZ	Wupatki, 7.4nm,0.9s	25.94 325	eP	P	12 28 06.0 +0.6
O28A	Kruisinger Ran, baz=162,SNR=14	26.08 346	P	P	12 28 10.1 +3.6
M37A	Trindle Farm, baz=180,SNR=5.2	26.37 359	P	P	12 28 09.2 +0.2
M38A	Pleasantville, baz=185,SNR=5.9	26.39 1	P	P	12 28 09.2 +0.1
M36A	Felix, Anita, baz=178	26.44 358	P	P	12 28 09.8 +0.2
M35A	Neola, baz=176	26.49 357	P	P	12 28 10.4 +0.3
PV01	Parox Valley, baz=186	26.61 333	eP	P	12 28 12.6 +1.1
SMCO	Shenmass, 8.0nm,1.3s	26.84 337	eP	P	12 28 15.4 +1.7
ISCO	Idaho Springs, baz=181,SNR=5.3	26.89 339	P	P	12 28 15.4 +1.3
ISCO	Idaho Springs, 4.0nm,0.8s	26.89 339	eP	P	12 28 14.5 +0.4
BC3	Big Chuckwall, baz=129	27.14 317	P	P	12 28 16.9 +0.7
IRM	Iron Mountain, baz=130	27.26 318	P	P	12 28 17.3 +0.1
L31A	Butterfield Fa, baz=170	27.51 352	P	P	12 28 20.0 +0.7
K32A	Verdigre, baz=185	27.87 353	P	P	12 28 23.5 +1.0
K31A	O'Neill, baz=170	27.93 352	P	P	12 28 24.5 +1.4
N23A	Red Feather La, baz=165	27.99 340	P	P	12 28 24.4 +0.6
K30A	Basset, baz=168	28.11 351	P	P	12 28 25.8 +1.1
CCUT	Cedar City, 2.1nm,0.6s	28.51 326	eP	P	12 28 28.2 -0.3
ECSD	ECSD Data Cent, baz=174,SNR=7.9	28.81 356	P	P	12 28 30.9 +0.1
ECSD	ECSD Data Cent, 9.2nm,0.7s	28.81 356	eP	P	12 28 30.8 -0.1
J28A	Allard Ranch, baz=165	29.12 349	P	P	12 28 34.6 +0.9
I30A	Oacoma, baz=169	29.30 351	P	P	12 28 35.8 +0.7
H32A	Carlson Farm, baz=183,SNR=5.3	29.64 355	P	P	12 28 38.2 -0.1
I28A	Midland, baz=166	29.66 349	P	P	12 28 39.0 +0.6
H31A	Wolsey, baz=185	29.73 353	P	P	12 28 39.2 +0.2
K22A	Casper, baz=155	29.76 341	P	P	12 28 39.8 +0.4
H33A	Prehn Over Nor, baz=174	29.76 356	P	P	12 28 39.2 -0.1
MPMC	Marial Prospec, baz=129	29.94 319	P	P	12 28 40.9 -0.3
G32A	Webster, baz=173	30.39 355	P	P	12 28 44.6 -0.3
RSSD	Blair Hills, baz=160	30.40 345	P	P	12 28 45.8 +0.6
G30A	Faulkton, baz=170,SNR=6.3	30.45 352	P	P	12 28 45.8 +0.4
H26A	Fairpoint, baz=163	30.58 347	P	P	12 28 46.7 +0.1
H25A	Fruitdale, baz=162	30.77 346	P	P	12 28 49.0 +0.8
VES	Vestal, Richgr, baz=127	30.84 317	P	P	12 28 48.8 -0.1
PDAR	Pinedale Array, 0.7nm,1.0s,baz=123,slow=11,SNR=3.4	30.92 337	P	P	12 28 49.7 -0.1
G27A	Dupree, baz=165	31.14 349	P	P	12 28 52.2 +0.8
RCTO	Rector, Farmer, baz=127	31.22 318	P	P	12 28 52.2 0.0
HVU	Hansel Valley, 30nm,2.3s	31.45 332	eP	P	12 28 55.1 +0.7
E34A	Wadena, baz=178	31.50 358	P	P	12 28 54.6 0.0
E35A	Pequot Lakes, baz=179	31.53 359	P	P	12 28 54.9 +0.1
F26A	Lodgepole, baz=164	31.74 348	P	P	12 28 57.6 +0.9
ELK	Elko, 2.9nm,0.9s,baz=210,slow=2.4,SNR=13	31.85 328	P	P	12 28 57.7 -0.3
NV11	Mina Array Sit, 1.5nm,0.6s,baz=58,slow=3,SNR=7.7	31.86 322	eP	P	12 28 59.6 +1.6
REDW	Red Top Meadow, 40nm,2.1s	31.93 336	eP	P	12 28 57.3 -1.4
NV01	Mina Array Sit, 3.9nm,0.9s,baz=141,slow=8.8,SNR=26	31.95 322	eP	P	12 28 59.6 +0.8
NVAR	Mina Array Bea, 0.4nm,0.6s,baz=129,slow=2.4,SNR=3.6	31.95 322	P	P	12 28 59.5 +0.7
NVAR	Mina Array Bea, 7.1nm,2.8s	32.04 336	eP	P	12 28 59.5 -0.1
LOHW	Long Hollow, baz=164	32.04 336	eP	P	12 28 59.5 -0.1
E26A	Carlson Angus, baz=164,SNR=8.5	32.29 349	P	P	12 29 02.6 +1.0
E25A	Miller Ranch, baz=163	32.51 347	P	P	12 29 04.2 +0.7
C35A	Jiri Farms, M, baz=180	32.66 360	P	P	12 29 04.0 -0.8
D28A	Regan, baz=168	32.67 351	P	P	12 29 05.8 -0.1
D26A	Manning, baz=165	32.82 349	P	P	12 29 07.2 +0.9
C30A	Mose, Pekin, baz=172,SNR=5.3	32.91 354	P	P	12 29 07.0 +0.1
C31A	Landman Farms, baz=173,SNR=7.9	32.93 355	P	P	12 29 07.1 +0.1
D25A	Fairfield, baz=163	33.11 348	P	P	12 29 09.8 +1.0
MDND	Maddock, baz=163	33.18 353	P	P	12 29 09.9 +0.7
MDND	Maddock, 21nm,0.8s	33.18 353	eP	P	12 29 09.7 +0.4
AGMN	Agassiz Nation, baz=176	33.31 357	P	P	12 29 10.1 -0.3
AGMN	Agassiz Nation, 33nm,1.8s	33.31 357	eP	P	12 29 09.4 -1.0
C27A	Saylor Ranch, baz=166	33.32 350	P	P	12 29 11.5 +0.9
B35A	Bob, Littlefor, baz=166	33.32 360	P	P	12 29 09.5 -1.0
B32A	Ashes, Strandq, baz=175,SNR=8.0	33.44 357	P	P	12 29 11.3 -0.3
C26A	Walner Farm, P, baz=166	33.53 350	P	P	12 29 13.0 +0.7
HLID	Hailey, baz=142	33.60 332	eP	P	12 29 13.3 +0.1
HLID	Hailey, 39nm,2.5s	33.60 332	eP	P	12 29 13.0 -0.2
B30A	Myrvik Farm, E, baz=172	33.64 354	P	P	12 29 14.0 +0.7
B29A	Wagenman Farm, baz=170,SNR=5.5	33.76 353	P	P	12 29 14.7 +0.4
B28A	Dues Ranch, T, baz=169,SNR				

IDC 15 12:39:57.6:3.0,21.09S:168.70E,h0km,mb3.8/6, mb1 4.0/6,mb1mx3.8/25,mbtmp3.8/6, Error ellipse: s-maj=137.6km s-min=29.6km az=165.0,Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, CMAR Chiang Mai Arr, SONM Songino Array, YBH Yreka Blue Hor, NVAR Mina Array Bea, ILAR Gleason Array, GERES GERES Array B.

DDA 15 12:42:18.8,41.13N:43.90E,h7km,Md2.7

TIF 15 12:42:18.9,41.14N:43.93E,h13km

CSEM 15 12:42:19.5:0.1,41.12N:43.89E,h2km,ML1.4, Error ellipse: s-maj=2.9km s-min=1.7km az=140.0

ISC 15 12:42:19.4:1.1,41.14N:0.003:43.89E:0.02,h6km,10km, n19,c0525/38,Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KZR Kazreti, EAK Akyaka, DIGO Kars, DUS Dusheti, DGRG David-gareji, ARTV Artvin, ONI Oni, DAGI Agillar.

NEIC 15 12:44:45.8, 16.21N:94.33W,h64km,MD4.2(MEX), After MEX.

MEX 15 12:44:42.3:0.5,16.71N:94.14W,h119km,9km,MD4.2, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCIG Comitan, HUATULCO Huatulco, VISTA HERMOSA Vista Hermosa.

IDC 15 12:47:47.2:7.3,20.44S:168.69E,h0km,mb3.8/4, mb1 4.0/4,mb1mx3.8/35,mbtmp3.8/4,MS4.8/1,Ms1 4.8/1, s-min=64.5km az=113.0,Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, GUMO Guam, CMAR Chiang Mai Arr.

ISCJB 15 12:56:25.9:0.2,5.67S:130.33E:0.02,h208km,2km, mb5.3/195, Error ellipse: s-maj=3.1km s-min=2.8km az=144.4

IDC 15 12:56:25.9:0.2,5.65S:130.27E,h193km,5km,mb4.9/30, mb1 4.9/35,mb1mx4.8/40,mbtmp3.8/4,MS4.8/12, Ms1 4.8/12,ms1mx2.9/37, Error ellipse: s-maj=9.7km s-min=7.1km az=76.0

MOS 15 12:56:25.1:0.9,5.59S:130.21E,h200km,mb5.4/52, MS4.4/5, Error ellipse: s-maj=9.7km s-min=5.9km az=108.5

BUI 15 12:56:25.4,5.61S:130.48E,h212km,mb5.2/75,mb5.3/57

NEIC 15 12:56:26.8:0.4,5.65S:130.25E,h199km,3km,mb5.5/85, MW5.7, Error ellipse: s-maj=4.3km s-min=3.3km az=225.0, Moment Tensor Solution. s24 Moment tensor: Scale 1017Nm; Mr=-3.42; Mw=1.91; Ms=1.57; Mw=0.90; Mw=2.05; Best double couple: M4.00000:1017 NPl: 0.321:0.0000; s25:0.0000; s26:0.0000; NIP2: 1.78:0.0000; NIP3: 2.83:0.0000; s27:0.0000; s28:0.0000; s29:0.0000; s30:0.0000; s31:0.0000; s32:0.0000; s33:0.0000; s34:0.0000; s35:0.0000; s36:0.0000; s37:0.0000; s38:0.0000; s39:0.0000; s40:0.0000; s41:0.0000; s42:0.0000; s43:0.0000; s44:0.0000; s45:0.0000; s46:0.0000; s47:0.0000; s48:0.0000; s49:0.0000; s50:0.0000; s51:0.0000; s52:0.0000; s53:0.0000; s54:0.0000; s55:0.0000; s56:0.0000; s57:0.0000; s58:0.0000; s59:0.0000; s60:0.0000; s61:0.0000; s62:0.0000; s63:0.0000; s64:0.0000; s65:0.0000; s66:0.0000; s67:0.0000; s68:0.0000; s69:0.0000; s70:0.0000; s71:0.0000; s72:0.0000; s73:0.0000; s74:0.0000; s75:0.0000; s76:0.0000; s77:0.0000; s78:0.0000; s79:0.0000; s80:0.0000; s81:0.0000; s82:0.0000; s83:0.0000; s84:0.0000; s85:0.0000; s86:0.0000; s87:0.0000; s88:0.0000; s89:0.0000; s90:0.0000; s91:0.0000; s92:0.0000; s93:0.0000; s94:0.0000; s95:0.0000; s96:0.0000; s97:0.0000; s98:0.0000; s99:0.0000; s100:0.0000; s101:0.0000; s102:0.0000; s103:0.0000; s104:0.0000; s105:0.0000; s106:0.0000; s107:0.0000; s108:0.0000; s109:0.0000; s110:0.0000; s111:0.0000; s112:0.0000; s113:0.0000; s114:0.0000; s115:0.0000; s116:0.0000; s117:0.0000; s118:0.0000; s119:0.0000; s120:0.0000; s121:0.0000; s122:0.0000; s123:0.0000; s124:0.0000; s125:0.0000; s126:0.0000; s127:0.0000; s128:0.0000; s129:0.0000; s130:0.0000; s131:0.0000; s132:0.0000; s133:0.0000; s134:0.0000; s135:0.0000; s136:0.0000; s137:0.0000; s138:0.0000; s139:0.0000; s140:0.0000; s141:0.0000; s142:0.0000; s143:0.0000; s144:0.0000; s145:0.0000; s146:0.0000; s147:0.0000; s148:0.0000; s149:0.0000; s150:0.0000; s151:0.0000; s152:0.0000; s153:0.0000; s154:0.0000; s155:0.0000; s156:0.0000; s157:0.0000; s158:0.0000; s159:0.0000; s160:0.0000; s161:0.0000; s162:0.0000; s163:0.0000; s164:0.0000; s165:0.0000; s166:0.0000; s167:0.0000; s168:0.0000; s169:0.0000; s170:0.0000; s171:0.0000; s172:0.0000; s173:0.0000; s174:0.0000; s175:0.0000; s176:0.0000; s177:0.0000; s178:0.0000; s179:0.0000; s180:0.0000; s181:0.0000; s182:0.0000; s183:0.0000; s184:0.0000; s185:0.0000; s186:0.0000; s187:0.0000; s188:0.0000; s189:0.0000; s190:0.0000; s191:0.0000; s192:0.0000; s193:0.0000; s194:0.0000; s195:0.0000; s196:0.0000; s197:0.0000; s198:0.0000; s199:0.0000; s200:0.0000; s201:0.0000; s202:0.0000; s203:0.0000; s204:0.0000; s205:0.0000; s206:0.0000; s207:0.0000; s208:0.0000; s209:0.0000; s210:0.0000; s211:0.0000; s212:0.0000; s213:0.0000; s214:0.0000; s215:0.0000; s216:0.0000; s217:0.0000; s218:0.0000; s219:0.0000; s220:0.0000; s221:0.0000; s222:0.0000; s223:0.0000; s224:0.0000; s225:0.0000; s226:0.0000; s227:0.0000; s228:0.0000; s229:0.0000; s230:0.0000; s231:0.0000; s232:0.0000; s233:0.0000; s234:0.0000; s235:0.0000; s236:0.0000; s237:0.0000; s238:0.0000; s239:0.0000; s240:0.0000; s241:0.0000; s242:0.0000; s243:0.0000; s244:0.0000; s245:0.0000; s246:0.0000; s247:0.0000; s248:0.0000; s249:0.0000; s250:0.0000; s251:0.0000; s252:0.0000; s253:0.0000; s254:0.0000; s255:0.0000; s256:0.0000; s257:0.0000; s258:0.0000; s259:0.0000; s260:0.0000; s261:0.0000; s262:0.0000; s263:0.0000; s264:0.0000; s265:0.0000; s266:0.0000; s267:0.0000; s268:0.0000; s269:0.0000; s270:0.0000; s271:0.0000; s272:0.0000; s273:0.0000; s274:0.0000; s275:0.0000; s276:0.0000; s277:0.0000; s278:0.0000; s279:0.0000; s280:0.0000; s281:0.0000; s282:0.0000; s283:0.0000; s284:0.0000; s285:0.0000; s286:0.0000; s287:0.0000; s288:0.0000; s289:0.0000; s290:0.0000; s291:0.0000; s292:0.0000; s293:0.0000; s294:0.0000; s295:0.0000; s296:0.0000; s297:0.0000; s298:0.0000; s299:0.0000; s300:0.0000; s301:0.0000; s302:0.0000; s303:0.0000; s304:0.0000; s305:0.0000; s306:0.0000; s307:0.0000; s308:0.0000; s309:0.0000; s310:0.0000; s311:0.0000; s312:0.0000; s313:0.0000; s314:0.0000; s315:0.0000; s316:0.0000; s317:0.0000; s318:0.0000; s319:0.0000; s320:0.0000; s321:0.0000; s322:0.0000; s323:0.0000; s324:0.0000; s325:0.0000; s326:0.0000; s327:0.0000; s328:0.0000; s329:0.0000; s330:0.0000; s331:0.0000; s332:0.0000; s333:0.0000; s334:0.0000; s335:0.0000; s336:0.0000; s337:0.0000; s338:0.0000; s339:0.0000; s340:0.0000; s341:0.0000; s342:0.0000; s343:0.0000; s344:0.0000; s345:0.0000; s346:0.0000; s347:0.0000; s348:0.0000; s349:0.0000; s350:0.0000; s351:0.0000; s352:0.0000; s353:0.0000; s354:0.0000; s355:0.0000; s356:0.0000; s357:0.0000; s358:0.0000; s359:0.0000; s360:0.0000; s361:0.0000; s362:0.0000; s363:0.0000; s364:0.0000; s365:0.0000; s366:0.0000; s367:0.0000; s368:0.0000; s369:0.0000; s370:0.0000; s371:0.0000; s372:0.0000; s373:0.0000; s374:0.0000; s375:0.0000; s376:0.0000; s377:0.0000; s378:0.0000; s379:0.0000; s380:0.0000; s381:0.0000; s382:0.0000; s383:0.0000; s384:0.0000; s385:0.0000; s386:0.0000; s387:0.0000; s388:0.0000; s389:0.0000; s390:0.0000; s391:0.0000; s392:0.0000; s393:0.0000; s394:0.0000; s395:0.0000; s396:0.0000; s397:0.0000; s398:0.0000; s399:0.0000; s400:0.0000; s401:0.0000; s402:0.0000; s403:0.0000; s404:0.0000; s405:0.0000; s406:0.0000; s407:0.0000; s408:0.0000; s409:0.0000; s410:0.0000; s411:0.0000; s412:0.0000; s413:0.0000; s414:0.0000; s415:0.0000; s416:0.0000; s417:0.0000; s418:0.0000; s419:0.0000; s420:0.0000; s421:0.0000; s422:0.0000; s423:0.0000; s424:0.0000; s425:0.0000; s426:0.0000; s427:0.0000; s428:0.0000; s429:0.0000; s430:0.0000; s431:0.0000; s432:0.0000; s433:0.0000; s434:0.0000; s435:0.0000; s436:0.0000; s437:0.0000; s438:0.0000; s439:0.0000; s440:0.0000; s441:0.0000; s442:0.0000; s443:0.0000; s444:0.0000; s445:0.0000; s446:0.0000; s447:0.0000; s448:0.0000; s449:0.0000; s450:0.0000; s451:0.0000; s452:0.0000; s453:0.0000; s454:0.0000; s455:0.0000; s456:0.0000; s457:0.0000; s458:0.0000; s459:0.0000; s460:0.0000; s461:0.0000; s462:0.0000; s463:0.0000; s464:0.0000; s465:0.0000; s466:0.0000; s467:0.0000; s468:0.0000; s469:0.0000; s470:0.0000; s471:0.0000; s472:0.0000; s473:0.0000; s474:0.0000; s475:0.0000; s476:0.0000; s477:0.0000; s478:0.0000; s479:0.0000; s480:0.0000; s481:0.0000; s482:0.0000; s483:0.0000; s484:0.0000; s485:0.0000; s486:0.0000; s487:0.0000; s488:0.0000; s489:0.0000; s490:0.0000; s491:0.0000; s492:0.0000; s493:0.0000; s494:0.0000; s495:0.0000; s496:0.0000; s497:0.0000; s498:0.0000; s499:0.0000; s500:0.0000; s501:0.0000; s502:0.0000; s503:0.0000; s504:0.0000; s505:0.0000; s506:0.0000; s507:0.0000; s508:0.0000; s509:0.0000; s510:0.0000; s511:0.0000; s512:0.0000; s513:0.0000; s514:0.0000; s515:0.0000; s516:0.0000; s517:0.0000; s518:0.0000; s519:0.0000; s520:0.0000; s521:0.0000; s522:0.0000; s523:0.0000; s524:0.0000; s525:0.0000; s526:0.0000; s527:0.0000; s528:0.0000; s529:0.0000; s530:0.0000; s531:0.0000; s532:0.0000; s533:0.0000; s534:0.0000; s535:0.0000; s536:0.0000; s537:0.0000; s538:0.0000; s539:0.0000; s540:0.0000; s541:0.0000; s542:0.0000; s543:0.0000; s544:0.0000; s545:0.0000; s546:0.0000; s547:0.0000; s548:0.0000; s549:0.0000; s550:0.0000; s551:0.0000; s552:0.0000; s553:0.0000; s554:0.0000; s555:0.0000; s556:0.0000; s557:0.0000; s558:0.0000; s559:0.0000; s560:0.0000; s561:0.0000; s562:0.0000; s563:0.0000; s564:0.0000; s565:0.0000; s566:0.0000; s567:0.0000; s568:0.0000; s569:0.0000; s570:0.0000; s571:0.0000; s572:0.0000; s573:0.0000; s574:0.0000; s575:0.0000; s576:0.0000; s577:0.0000; s578:0.0000; s579:0.0000; s580:0.0000; s581:0.0000; s582:0.0000; s583:0.0000; s584:0.0000; s585:0.0000; s586:0.0000; s587:0.0000; s588:0.0000; s589:0.0000; s590:0.0000; s591:0.0000; s592:0.0000; s593:0.0000; s594:0.0000; s595:0.0000; s596:0.0000; s597:0.0000; s598:0.0000; s599:0.0000; s600:0.0000; s601:0.0000; s602:0.0000; s603:0.0000; s604:0.0000; s605:0.0000; s606:0.0000; s607:0.0000; s608:0.0000; s609:0.0000; s610:0.0000; s611:0.0000; s612:0.0000; s613:0.0000; s614:0.0000; s615:0.0000; s616:0.0000; s617:0.0000; s618:0.0000; s619:0.0000; s620:0.0000; s621:0.0000; s622:0.0000; s623:0.0000; s624:0.0000; s625:0.0000; s626:0.0000; s627:0.0000; s628:0.0000; s629:0.0000; s630:0.0000; s631:0.0000; s632:0.0000; s633:0.0000; s634:0.0000; s635:0.0000; s636:0.0000; s637:0.0000; s638:0.0000; s639:0.0000; s640:0.0000; s641:0.0000; s642:0.0000; s643:0.0000; s644:0.0000; s645:0.0000; s646:0.0000; s647:0.0000; s648:0.0000; s649:0.0000; s650:0.0000; s651:0.0000; s652:0.0000; s653:0.0000; s654:0.0000; s655:0.0000; s656:0.0000; s657:0.0000; s658:0.0000; s659:0.0000; s660:0.0000; s661:0.0000; s662:0.0000; s663:0.0000; s664:0.0000; s665:0.0000; s666:0.0000; s667:0.0000; s668:0.0000; s669:0.0000; s670:0.0000; s671:0.0000; s672:0.0000; s673:0.0000; s674:0.0000; s675:0.0000; s676:0.0000; s677:0.0000; s678:0.0000; s679:0.0000; s680:0.0000; s681:0.0000; s682:0.0000; s683:0.0000; s684:0.0000; s685:0.0000; s686:0.0000; s687:0.0000; s688:0.0000; s689:0.0000; s690:0.0000; s691:0.0000; s692:0.0000; s693:0.0000; s694:0.0000; s695:0.0000; s696:0.0000; s697:0.0000; s698:0.0000; s699:0.0000; s700:0.0000; s701:0.0000; s702:0.0000; s703:0.0000; s704:0.0000; s705:0.0000; s706:0.0000; s707:0.0000; s708:0.0000; s709:0.0000; s710:0.0000; s711:0.0000; s712:0.0000; s713:0.0000; s714:0.0000; s715:0.0000; s716:0.0000; s717:0.0000; s718:0.0000; s719:0.0000; s720:0.0000; s721:0.0000; s722:0.0000; s723:0.0000; s724:0.0000; s725:0.0000; s726:0.0000; s727:0.0000; s728:0.0000; s729:0.0000; s730:0.0000; s731:0.0000; s732:0.0000; s733:0.0000; s734:0.0000; s735:0.0000; s736:0.0000; s737:0.0000; s738:0.0000; s739:0.0000; s740:0.0000; s741:0.0000; s742:0.0000; s743:0.0000; s744:0.0000; s745:0.0000; s746:0.0000; s747:0.0000; s748:0.0000; s749:0.0000; s750:0.0000; s751:0.0000; s752:0.0000; s753:0.0000; s754:0.0000; s755:0.0000; s756:0.0000; s757:0.0000; s758:0.0000; s759:0.0000; s760:0.0000; s761:0.0000; s762:0.0000; s763:0.0000; s764:0.0000; s765:0.0000; s766:0.0000; s767:0.0000; s768:0.0000; s769:0.0000; s770:0.0000; s771:0.0000; s772:0.0000; s773:0.0000; s774:0.0000; s775:0.0000; s776:0.0000; s777:0.0000; s778:0.0000; s779:0.0000; s780:0.0000; s781:0.0000; s782:0.0000; s783:0.0000; s784:0.0000; s785:0.0000; s786:0.0000; s787:0.0000; s788:0.0000; s789:0.0000; s790:0.0000; s791:0.0000; s792:0.0000; s793:0.0000; s794:0.0000; s795:0.0000; s796:0.0000; s797:0.0000; s798:0.0000; s799:0.0000; s800:0.0000; s801:0.0000; s802:0.0000; s803:0.0000; s804:0.0000; s805:0.0000; s806:0.0000; s807:0.0000; s808:0.0000; s809:0.0000; s810:0.0000; s811:0.0000; s812:0.0000; s813:0.0000; s814:0.0000; s815:0.0000; s816:0.0000; s817:0.0000; s818:0.0000; s819:0.0000; s820:0.0000; s821:0.0000; s822:0.0000; s823:0.0000; s824:0.0000; s825:0.0000; s826:0.0000; s827:0.0000; s828:0.0000; s829:0.0000; s830:0.0000; s831:0.0000; s832:0.0000; s833:0.0000; s834:0.0000; s835:0.0000; s836:0.0000; s837:0.0000; s838:0.0000; s839:0.0000; s840:0.0000; s841:0.0000; s842:0.0000; s843:0.0000; s844:0.0000; s845:0.0000; s846:0.0000; s847:0.0000; s848:0.0000; s849:0.0000; s850:0.0000; s851:0.0000; s852:0.0000; s853:0.0000; s854:0.0000; s855:0.0000; s856:0.0000; s857:0.0000; s858:0.0000; s859:0.0000; s860:0.0000; s861:0.0000; s862:0.0000; s863:0.0000; s864:0.0000; s865:0.0000; s866:0.0000; s867:0.0000; s868:0.0000; s869:0.0000; s870:0.0000; s871:0.0000; s872:0.0000; s873:0.0000; s874:0.0000; s875:0.0000; s876:0.0000; s877:0.0000; s878:0.0000; s879:0.0000; s880:0.0000; s881:0.0000; s882:0.0000; s883:0.0000; s884:0.0000; s885:0.0000; s886:0.0000; s887:0.0000; s888:0.0000; s889:0.0000; s890:0.0000; s891:0.0000; s892:0.0000; s893:0.0000; s894:0.0000; s895:0.0000; s896:0.0000; s897:0.0000; s898:0.0

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Walnut Farm, Patterson Ranch, Lemond, Waseca, Gilmore City, Chapman, Bronte, Tabor, Isabella, Hill, San Angelo, Sonora, Kansas State U, Hasckell, Lossen Ranch, Wichita Mounta, Abilene, Hawle, Duane Minner, Willow Spring, Muff Farm, Scandia Farm, Perdian Creek, Coleman, Lawton, Anderson Ranch, McCaskey Farm, SONSCEA Array, Millersview, Mercer Eighty, Hilltop Ranch, Sonseca Array, Mlenard, Whitaker Ranch, Trindle Farm, Wedel Dairy, Guthrie, Guthrie Junction City, Bridge Creek, Rocksprings, Good Intent, Hamilton Ranch, Otter Creek Ra, Arnold C. Orve, San Pablo, Smith Ranch, Rising Star, Oak Wood Farm, Sooner Cattle, Uvalde, Pawnee, Laxson Ranch, Gordon, Harris, Richland Sprin, Faith Ranch, Wollen Farm, Reagan Ranch, Pleasantville, Art, Meyer Ranch, Lake Cedric, Lathrop, Boggs Farm, Tecumseh, White-Moore Ra, Kerrville, Saathoff Ranch, Clairette, Teagarden Farm, Drake, Divot King Ran, Chaparral WMA, Gall, Lometa, Marietta, Oologah, Perchaven, San, Fort Scott, Moncorvo, Burnett, Jenks, Dawn, Wetumka, Leonard.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Derby Farms, Blanco, Laredo, Vickery Place, Centrahoma, Cheneyville 18, Cooke Store, Cabril, Kirkville, Salina, Gaveira, Lamas de Oro, Jewell Farm, Fenwick Farm, Durant, Moody, Hulbert, Salisbury, Blue Ridge, Willow Grove F, Stockton, Manteigas, Torodi Ar. Bea, TORD, TORD, PVIS, S35A, O40A, U38A, X37A, R36A, PCBR, Y37A, R39A, R40A, S39A, V38A, PMRV, X36A, X38A, Q40A, PBAR, R40A, PCAS, X37A, Z37A, 736A, Y38A, S40A, PMTG, T40A, PLCA, PLCA, PLCA, PBEJ, 338A, MIAR, MIAR, HDIL, HDIL, PCVE, MIESJ, PNCL, PMAFR, MORF, UALR, PBMO, OLNEY, BLO, OXF, WWT, ACOS, TRQA, DBIC, DBIC, N54A, LRAL, CPCT, TKL, O56A, N59A, GOGA, MVL, JSRW, JCNK, JTS, LVC, CPUP, CPUP, CPUP, BCIP, OTAV, OTAV, CMBC, LPAZ, LPAZ, LPAZ, CRUC, NORC, NORC, ROSC, YOPC, BDFB.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Santo Domingo, Col San Antoni, Samuel, MARRA, PTGA, Bolvadin, Bolvadin, Kizilcal, Kizilcal, Egridir - ISPA, Kadinhani, Kadinhani, Sivrihisar-ESK, Sivrihisar-ESK, Eskisehir, Eskisehir, Eskisehir, LADIK, LADIK, MIHALICIK, MIHALICIK, Konya-Tatoy, Konya-Tatoy, Sutluce-Isart, Sutluce-Isart, Eskisehir, BORA, BORA, KARAHALLI, KARAHALLI, CHBY, CHBY, MDUB, MDUB, YESY, YESY, CORM, CORM. Includes ICSJB and CSEM coordinates and YARS coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, CMAR Chiang Mai Arr, etc.

GUC 15 14:20:07.7-0.5,32'24Sx70'26W,h125km,4km,ML3.8, 7C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PEL Peldehue, CLCH Cerro Calan, FSR Penalolen, etc.

ISCJBJ 15 14:21:50.0-0.6,39'80N,0'03-35'10E,0'04,h4km,6km, Error ellipse: s-maj=6.2km s-min=4.2km az=39.7

CSEM 15 14:21:49.8-0.2,39'82N-35'10E,h2km,MD3.1, Error ellipse: s-maj=4.7km s-min=3.4km az=38.0 DDA 15 14:21:49.2,39'83N-35'08E,h7km,MD2.9 ISK 15 14:21:49.7,39'85N-35'17E,h6km,MD3.1

ISC 15 14:21:49.9-1.0,39'82N,0'03-35'10E,0'03,h11km,10km, n23,0f45/36,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YOZ Yozgat, COAL Corum-Alaca, CORM Corum, etc.

NNC 15 14:24:09.5-0.7,37'64N,57'65E,h0km,mb3.7,mpv4.6, Error ellipse: s-maj=10.8km s-min=3.1km az=161.0

ISCJBJ 15 14:24:10.7-0.4,37'49N,0'03-58'09E,0'04,h10km, mb3.9/1,MS3.4/2, Error ellipse: s-maj=4.6km s-min=4.0km az=13.0

CSEM 15 14:24:10.4-0.3,37'52N-58'07E,h2km,ML3.4, Error ellipse: s-maj=9.6km s-min=7.5km az=76.0

TEH 15 14:24:11.2-0.2,37'51N-58'09E,h5km,ML3.4, Error ellipse: s-maj=13.7km s-min=13.7km az=2.0

ISC 15 14:24:11.6-0.7,37'49N,0'03-58'11E,0'03,h10km,n45, f1949/46,13C-13D,Iran-Turkmenistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISHV Shirvan, GEYT Alibeck, IEMG Emamgholi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BJRJ Bojnurd, IKRD Kardeh, IKRD Kardeh, etc.

ISC 15 14:27:02.4-0.3,2'22N-95'34E,h0km,mb3.7/4,mb1.4/0.5/0.5,mb1mx3.6/3.5,mbtmp3.6/5,ML4.2/1, Error ellipse: s-maj=10.6km s-min=26.8km az=59.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, H0S2 Diego Garcia H, H0S3 Diego Garcia H, etc.

ISC 15 14:34:42.5-1.5,21'06Sx168'74E,h0km,mb4.0/6, mb1.4/1.7,mb1mx3.9/3.6,mbtmp3.9/7,ML3.5/1, Error ellipse: s-maj=71.8km s-min=24.7km az=148.0

NEIC 15 14:34:43.8-0.9,21'13S,168'77E,h10km,mb4.1/1, Error ellipse: s-maj=47.9km s-min=13.6km az=149.0

ISCJBJ 15 14:34:45.2-1.3,21'05S:0'4-168'7E,0-3,h25km,mb3.9/7, Error ellipse: s-maj=60.6km s-min=10.3km az=147.6

ISC 15 14:34:46.4-1.4,21'25S:0'4-168'8E,0-2,h25km,n10, f125/11,mb4.1/7,Loyalty Islands

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

0.3nm,0.7s,baz=153,slow=0.3,SNR=2.9

IDC 15 14:37:45.6-0.9,20'90Sx168'48E,h0km,mb4.6/14, mb1.4/7/15,mb1mx4.5/4/1,mbtmp4.6/15,ML3.7/1,MS3.9/14, Ms1.4/0.14,ms1mx3.6/30, Error ellipse: s-maj=32.4km s-min=16.6km az=151.0

NEIC 15 14:37:46.9-0.6,21'04Sx168'45E,h10km,mb4.8/4, Error ellipse: s-maj=24.0km s-min=10.3km az=150.0

ISCJBJ 15 14:37:48.9-0.9,21'1S:0'2-168'5E,0-1,h30km,mb4.6/21, MS4.0/11, Error ellipse: s-maj=28.1km s-min=8.7km az=143.1

ISC 15 14:37:50.2-0.9,21'1S:0'2-168'4E,0-1,h30km,n61, f130/49,mb4.7/21,MS4.1/11,4C-1D,Loyalty Islands

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

IDC 15 14:37:56.3-2.6,2'49N-95'68E,h0km,mb3.6/4,mb1.3/7/5, mb1mx3.4/4.2,mbtmp3.6/5, Error ellipse: s-maj=72.3km s-min=25.4km az=49.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSI Prapat, H0S2 Diego Garcia H, H0S3 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H08S1 Diego Garcia H, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, WRA Warramunga Arr, MKAR Makanchi Array, SONM Songoing Array, ZALV Zalevovo Beam.

ISC 15 14:38:43.7-2.3, 1.84N-95.42E, h0km, mb3.7/4, mb1 3.8/6, mb1mx3.6/45, mbtmp3.7/6, ML3.2/1, Error ellipse: s-maj=161.1km s-min=25.7km az=52.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include 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, WRA Warramunga Arr, MKAR Makanchi Array, SONM Songoing Array, ZALV Zalevovo Beam.

ISC 15 14:41:08.0-0.7, 38.91N-0.03-27.85E, 0.04, h1km, 7km, Error ellipse: s-maj=5.0km s-min=4.5km az=142.7 DDA 15 14:41:09.0, 38.89N-27.86E, h7km, MD3.0 ISK 15 14:41:08.3, 38.91N-27.84E, h5km, MD2.7 CSEM 15 14:41:09.1-0.2, 38.92N-27.85E, h5km, MD2.7, Error ellipse: s-maj=4.8km s-min=4.0km az=57.0

ISC 15 14:41:08.6-1.2, 38.94N-0.03-27.82E, 0.03, h6km, 11km, n26, c084/42, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IZM Izmir, IZM Izmir, IZM Izmir, MANT Manisa, MANT Manisa, MANT Manisa, KULA Kula-Manisa, KULA Kula-Manisa, KULA Kula-Manisa, BALLY Balya, BALLY Balya, BALLY Balya, AYDB Zeytinokuy-Aydi, AYDB Zeytinokuy-Aydi, AYDB Zeytinokuy-Aydi, DGB zmir, AYDN Tasoluk, AYDN Tasoluk, AYDN Tasoluk, TVSB Tavsanli, TVSB Tavsanli, KCTX Karacabey (Bur), KCTX Karacabey (Bur), KHAL Karahalli, KHAL Karahalli, KHAL Karahalli, CHOS CHOS island, CHOS CHOS island, SIGR SIGRI, SIGR SIGRI, BOZC Bozcaada, BOZC Bozcaada, GELI Tayfur-Gelibol, GELI Tayfur-Gelibol.

MAN 15 14:50:33, 7.94N-127.51E, h32km, mb4.6, ML3.4, MS3.3, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BIPH Bislig, BIPH Bislig, CTBPH Cotabato-PC H.

ISC 15 14:52:21.9-5.5, 5.30S-152.33E, h76km, 47km, mb3.7/7, mb1 3.9/8, mb1mx3.7/37, mbtmp4.1/8, ML2.6/1, Error ellipse: s-maj=43.1km s-min=26.0km az=103.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, STKA Stephens Creek, FITZ Fitzroy Crossi, CMAR Chiang Mai Arr, SONM Songoing Array, MKAR Makanchi Array, ILAR Eielson Array, TORD Torodi Ar. Bea.

ISC 15 15:12:18.6-4.1, 20.80S-168.04E, h0km, mb4.1/2, mb1 4.4/2, mb1mx3.8/20, mbtmp4.1/2, Error ellipse: s-maj=117.7km s-min=30.4km az=128.0, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, WRA Warramunga Arr, CMAR Chiang Mai Arr, GERES GERES300, TORD Torodi Ar. Bea, YKA Yellowknife Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BOSA Boshof, BOSA Boshof, MAW Mawson, VNSA Vanda, H10S2 ASCENSION HYDRF57.52 291 T, H10S1 ASCENSION HYDRF57.54 291 T, H10S3 ASCENSION HYDRF57.54 291 T, TORD Torodi Ar. Bea, STKA Stephens Creek, TXAR Lajitas Array.

ISC 15 15:23:02.1-1.1, 26.49N-144.08E, h0km, mb3.7/7, mb1 3.9/8, mb1mx3.7/29, mbtmp3.7/8, ML3.9/1, MS2.8/1, Ms1 2.8/1, ms1mx2.3/44, Error ellipse: s-maj=25.4km s-min=24.4km az=20.0

JMA 15 15:23:07.4, 27.13N-143.84E, h9km, 2km, M3.7, ISC 15 15:23:03.1-0.2, 26.55N-144.02E, 0.08, h10km, n15, c153/14, mb3.8/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JHHJ Haha-jima-NKT, CBJ Chichi jima, CJJ Chichijima, CJJ Chichijima, JHU Hano, JHO Hitachi, MJAR Matsushiro Arr, GUMO Guam, SONM Songoing Array, CMAR Chiang Mai Arr, WRA Warramunga Arr, MKAR Makanchi Array, ILAR Eielson Array, YKA Yellowknife Arr, FINES Finest Array B, LPAZ La Paz.

ISC 15 15:25:11.2-1.0, 5.81N-0.09-126.26E, 0.09, h10km, mb3.4/3, Error ellipse: s-maj=16.6km s-min=8.4km

ISC 15 15:25:11.2-1.4, 5.53N-125.31E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.5/26, mbtmp3.8/3, Error ellipse: s-maj=52.6km s-min=13.3km az=91.0

MAN 15 15:25:17.6, 0.03N-126.27E, h15km, mb4.9, ML3.8, MS3.8, ISC 15 15:25:12.9-1.2, 5.73N-126.09-126.1E, 0.1, h10km, n8, c1542/10, mb3.4/3, C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GSPH General Santos, GSPH General Santos, DAV Davao City (W), DAV Davao City (W), DMPH Davao City-Mi, DMPH Davao City-Mi, KCP Kidapawan, KCP Kidapawan, CTWH Cotabato-PC H, CTWH Warramunga Arr, STKA Stephens Creek, MKAR Makanchi Array.

ISC 15 15:31:03.0-0.6, 3.743N-0.03-28.12E, 0.05, h17km, 11km, Error ellipse: s-maj=6.3km s-min=5.5km az=168.5 CSEM 15 15:31:02.7-0.2, 37.44N-28.09E, h15km, MD2.7, Error ellipse: s-maj=5.7km s-min=4.5km az=87.0

ISC 15 15:31:02.0, 37.44N-28.1E, h13km, MD2.7, DDA 15 15:31:03.2, 37.53N-28.09E, h27km, MD2.7, ISC 15 15:31:02.5-1.0, 37.45N-0.03-28.09E, 0.04, h14km, 9km, n17, c056/28, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AYDN Tasoluk, AYDN Tasoluk, AYDN Tasoluk, YER Yerkesik, YER Yerkesik, YER Yerkesik, AYDB Zeytinokuy-Aydi, AYDB Zeytinokuy-Aydi, BODT Bodrum, BODT Bodrum, MANT Manisa, MANT Manisa, MANT Manisa, FETY Fethiye, FETY Fethiye, DGB zmir, DGB zmir, IZM Izmir, IZM Izmir, KHAL Karahalli, KHAL Karahalli, KHAL Karahalli.

ISC 15 15:48:28.1-0.7, 49.86N-0.05-18.46E, 0.04, h0km, Error ellipse: s-maj=7.2km s-min=3.8km az=167.4 CSEM 15 15:48:28.0, 49.78N-18.50E, h14km, ML2.5/5, Error ellipse: s-maj=11.9km s-min=6.3km az=164.0 IPEC 15 15:48:29.0, 49.80N-18.57E, h0km, ML1.6/3, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0 PRU 15 15:48:29.7, 49.85N-18.48E, h0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include OKC Ostrava-Krasne, OKC Ostrava-Krasne, OKC Ostrava-Krasne, OKC Ostrava-Krasne, MORC Moravsky Berou.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MORC, OJC Ojcow, OJC Ojcow, OJC Ojcow, VRAC Vranov, VRAC Vranov, DPC Dobruska-Polom, DPC Dobruska-Polom, DPC Dobruska-Polom, KRUC Moravsky, KRUC Moravsky, UJC Ujpec, UJC Ujpec, UJC Ujpec, KSP Ksiaz, KSP Ksiaz, PRU Pruhonice, PRU Pruhonice, PRA Prague, PRA Prague, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory.

ISC 15 15:52:40.4-2.3, 2.25N-96.09E, h0km, mb3.7/4, mb1 3.6/6, mb1mx3.4/43, mbtmp3.5/6, ML3.3/2, Error ellipse: s-maj=60.4km s-min=24.8km az=50.0

ISC 15 15:52:44.9-2.1, 7.22N-102.96E, 1E-0.2, h27km, mb3.7/4, Error ellipse: s-maj=3.2km s-min=1.7km az=43.5

ISC 15 15:52:44.9-2.1, 7.22N-102.96E, 0.2, h27km, n12, c083/6, mb3.8/4, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include 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, WRA Warramunga Arr, MKAR Makanchi Array, SONM Songoing Array, ZALV Zalevovo Beam.

ISC 15 15:53:50.9-2.4, 35.72N-140.52E, h54km, 21km, mb3.3/3, mb1 3.6/6, mb1mx3.2/39, mbtmp3.7/6, ML3.1/3, MS3.2/1, Ms1 3.2/1, ms1mx2.4/23, Error ellipse: s-maj=26.1km s-min=8.4km az=66.0

ISC 15 15:53:52.1-0.7, 35.68N-140.04-140.24E, 0.07, h71km, 5km, mb3.5/3, Error ellipse: s-maj=10.5km s-min=5.8km az=161.8

JMA 15 15:53:52.8-0.1, 35.73N-140.19E, h65km, 2km, M2.7, ISC 15 15:53:52.8-0.1, 35.71N-140.05-140.24E, 0.07, h66km, 8km, n18, c1520/23, mb3.5/3, Near east coast of eastern

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCN Nagara, JCN Nagara, JYT Yasato, JYT Yasato, BSO3 Boso, BSO3 Boso, JAG Ashikaga, JAG Ashikaga, JOD Odawara 2, JOD Odawara 2, JRM Ryogami san, JRM Ryogami san, JRT Oshima 3, JRT Oshima 3, JIM2 Boso 1, JIM2 Boso 1, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MAT Matsushiro, MAT Matsushiro, JHJ Hachioji jima 2, JHJ Hachioji jima 2, JHJ Hachioji jima 2.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAJ Asahikawa, ASAJ Asahikawa, H1N2 WAKE ISLAND HY, H1N2 WAKE ISLAND HY, H1N1 WAKE ISLAND HY, H1N1 WAKE ISLAND HY, H1N3 WAKE ISLAND HY, H1N3 WAKE ISLAND HY, ZALV Zalevovo Beam, ZALV Zalevovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, WRA Warramunga Arr, WRA Warramunga Arr.

ISC 15 15:58:32.8-0.8, 27.27N-0.09-143.53E, 0.07, h10km, mb3.6/7, MS2.8/2, Error ellipse: s-maj=13.9km s-min=8.1km az=158.8

ISC 15 15:58:33.2-1.0, 27.19N-143.48E, h0km, mb3.6/6, mb1 3.9/7, mb1mx3.6/38, mbtmp3.6/7, ML4.0/1, MS2.9/2, Ms1 1.2/2, ms1mx2.5/34, Error ellipse: s-maj=28.4km s-min=21.0km az=150.0

NEIC 15 15:58:34.6-0.6, 27.19N-143.46E, h10km, mb4.1/1, Error ellipse: s-maj=14.6km s-min=11.3km az=89.0

ISC 15 15:58:34.7-1.0, 27.22N-0.1-143.46E, 0.08, h10km, n13, c0572/13, mb3.5/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBJ Chichi jima, CBJ Chichi jima, CBJ Chichi jima, CJJ Chichijima, CJJ Chichijima, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MAJO Matsushiro, MAJO Matsushiro, PETK Petropavlovsk-27, PETK Petropavlovsk-27, SUJ Sorong, SUJ Sorong, WRJ Tennant Creek, WRJ Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, MKAR Makanchi Array, MKAR Makanchi Array, ILAR Eielson Array, ILAR Eielson Array, YKA Yellowknife Arr, YKA Yellowknife Arr.

0.2m, 0.7s, baz=296, slow=5.9, SNR=3.5
FINES FINESS Array B 78.35 34 P
1.5m, 0.8s, baz=64, slow=3.2, SNR=6.3
NVAR Mina Array Bea 79.56 52 P

DDA 15 16:00:21.7, 40:85N-31:36E, h4km, Md3.1
CSEM 15 16:00:22.9, 0.1, 40:81N-31:38E, h2km, MD3.2, Error
ellip: s-maj=2.9km s-min=2.1km az=2.0
ISK 15 16:00:22.3, 40:80N-31:37E, h4km, MD3.2
ISC 15 16:00:22.6, 1.0, 40:83N-02:31.38E, 0.02, h6km, gkm,
n115, s1906/143, 6C-60, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like MDUB, BTAS, SAHE, etc. with their respective coordinates and parameters.

ISCJB 15 16:09:48.7, 1.2, 27:4N, 0.1:143:3E, 0.1, h10km, mb3.5/5,
Error ellipse: s-maj=7.7km s-min=1.0km az=145.2
IDC 15 16:09:49.0, 1.2, 27:34N:143:38E, h0km, mb3.4/5,
mb1.3/7.6, mb1mx3.5/5.3, mbtmp3.4/6, ML3.1/1, Error
ellip: s-maj=28.7km s-min=21.6km az=136.0
ISC 15 16:09:50.6, 1.2, 27:4N, 0.1:143:3E, 0.1, h10km, n7,
o479R, mb3.4/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like JCJ, JCJ, JCJ, etc. with their respective coordinates and parameters.

ISCJB 15 16:14:33.5, 0.9, 34:88N, 0:06:23, 16E:0:07, h63km, gkm,
mb3.0/11, Error ellipse: s-maj=12.9km s-min=6.4km

THE 15 16:14:33.9, 34:91N-23:15E, h17km, 3km, ML3.2/6, Error
ellip: s-maj=3.8km s-min=1.0km az=215.0
CSEM 15 16:14:33.6, 0.4, 34:86N-23:13E, h30km, MD3.3, 2, Error
ellip: s-maj=9.0km s-min=3.9km az=33.0

IDC 15 16:14:35.3, 2.3, 34:98N-23:17E, h57km, 20km, mb3.5/11,
mb1.3/6/16, mb1mx3.4/6/1, mbtmp3.7/16, ML3.5/5, Error
ellip: s-maj=21.8km s-min=19.6km az=6.0
ATH 15 16:14:38.7, 35:11N-23:62E, h43km, 3km, MD3.3/5
ISC 15 16:14:33.9, 1.3, 34:88N-0:07:23, 16E:0:06, h47km, 11km,
n59, s13876, mb3.7/11, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GVD, GVD, GVD, etc. with their respective coordinates and parameters.

IDC 15 16:14:33.9, 34:91N-23:15E, h17km, 3km, ML3.2/6, Error
ellip: s-maj=3.8km s-min=1.0km az=215.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like IDI, IDI, IDI, etc. with their respective coordinates and parameters.

cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
BUJ 15 16:26:05.7, 2:37N-96:35E, h26km, mb5.4/79, mb5.6/55,
MS5.5/86, MS7.5/39

NEIC 15 16:26:05.6, 0.2, 2:40N-96:29E, h10km, mb5.1/29,
MS5.3/38, MW5.4, Error ellipse: s-maj=7.7km s-min=4.9km
az=210.0, Moment Tensor Solution. s46 Moment tensor:
Scale 10^17Nm; Mr1.02; Mw=0.43; Mw0=0.59; Mw0.68;
Mw0.99; Mw=0.21; Best double couple: M=50000x10^17
NP1=0.1170000, b62.00000, A.65.00000; NP2:
0.342.00000, b37.00000, A.128.00000; Principal axes:
T=1.3100, P1g4.0000, Azm344.0000; N=3.4000,
Plg22.0000; Azm129.0000; P=1.6500, Plg13.0000;
Azm225.0000

MOS 15 16:26:07.1, 0.2, 2:46N-96:38E, h33km, mb5.7/59,
MS5.0/30 Error ellipse: s-maj=8.1km s-min=4.4km
az=115.9

ISCJB 15 16:26:07.0, 0.2, 2:41N:0:02:96:35E:0:02, h33km, 4km,
mb5.4/163, MS5.1/104, Error ellipse: s-maj=3.9km
s-min=2.8km az=36.7

IDC 15 16:26:08.9, 1.6, 2:46N-96:38E, h31km, 11km, mb4.9/29,
mb1.4/9/33, mb1mx4.8/36, mbtmp5.0/33, ML4.5/4, MS4.9/28,
MS1.4/9/28, ms1mx4.9/34, Error ellipse: s-maj=13.5km
s-min=6.4km az=38.0

DJA 15 16:26:09.0, 0.7, 2:ML2:9:6E:1: h15km, 6km, M5.4/66,
M5.5/46, MB5.8/32, ML5.6/13, Mw(mB)5.3/32, Mwpp5.4/1
KLM 15 16:26:14.3, 2:64N-96:56E, h24km, mb5.2, ML5.3, MS5.7
ISC 15 16:26:08.0, 0.4, 2:44N:0:03:96:35E:0:03, h29km, 1km,
h28km, pP, n680, s1943703, mb5.4/171, MS5.2/105,
77C-322, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TPTI, GSI, GSI, etc. with their respective coordinates and parameters.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ROOS, MALTA, DRWC, YAK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PRD, LEO, LEM, LWB, MAW, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LJU, OBKA, GPC, GOC, etc.

KKM	Kota Kinabalu	72.39	282	P	P	19 05 12.4	-0.2
ASAJ	Asahikawa	72.59	329	P	P	19 05 13.9	+0.8
PKM	McPherson Peak	73.32	344	P	P	19 05 18.1	+1.1
HOPS	Hopland Field	73.58	39	P	P	19 05 20.0	+0.9
UGM	Wanagama	73.59	267	P	P	19 05 20.1	+0.4
KIPM	Iron Peak	73.85	38	eP	P	19 05 21.8	+1.0
ARVC	Arvin	73.97	45	eP	P	19 05 22.3	+1.0
KMRM	Mali Ridge	73.98	38	eP	P	19 05 22.9	+1.4
MWC	Mount Wilson	73.99	46	eP	P	19 05 22.5	+0.8
PETK	Petrovavlovsk	74.05	343	P	P	19 05 21.4	0.0
VES	Vestal, Richgr	74.21	44	P	P	19 05 23.6	+0.8
MURC	Murrieta	74.23	47	P	P	19 05 23.5	+0.6
BFSC	Mount Baldy Ra	74.27	46	P	P	19 05 23.9	+0.6
KHMM	Horse Mountain	74.39	37	eP	P	19 05 25.4	+1.5
MONP2	Monument Peak	74.39	48	eP	P	19 05 24.8	+0.7
EDW2	Edwards Air Fo	74.40	45	P	P	19 05 25.0	+1.1
IBP	Imperial Bould	74.50	48	P	P	19 05 25.5	+0.9
ISA	Isabella, Lake	74.52	44	P	P	19 05 25.4	+0.8
ISA	Isabella, Lake	74.52	44	eP	P	19 05 25.1	+0.5
YSS	Yach-Sakhalins	74.60	331	P	P	19 05 24.7	0.0
CMB	Columbia Colle	74.66	41	P	P	19 05 25.5	+0.1
PFO	Pinyon Flats O	74.76	47	eP	P	19 05 26.7	+0.7
PFO	Pinyon Flats O	74.76	47	eP	P	19 05 26.8	+0.7
PFO	Pinyon Flats O	74.76	47	eP	P	19 05 26.3	+0.2
OHCM	Honcut	74.76	40	eP	P	19 05 26.7	+0.9
AFDM	Forest Hills D	74.84	40	eP	P	19 05 26.6	+0.3
ORV	Oroville	74.89	40	eP	P	19 05 27.0	+0.5
WDC	Whiskeytown Da	74.90	38	eP	P	19 05 27.4	+0.8
LRMC	Laurel Mtn Rad	74.94	45	P	P	19 05 28.0	+0.9
N02D	Trinity Center	75.05	38	P	P	19 05 28.8	+1.3
O03D	Paynes Creek	75.16	39	P	P	19 05 29.2	+1.0
CWC	Cottonwood Cre	75.22	44	P	P	19 05 29.5	+0.8
M02C	Callahan	75.23	37	P	P	19 05 29.9	+1.4
L02D	Gate Junction,	75.29	37	P	P	19 05 30.0	+1.2
BELC	Belle Mtn. Jos	75.29	47	P	P	19 05 30.0	+0.8
MPMC	Manual Prospec	75.40	44	P	P	19 05 30.6	+0.8
MTUM	Tungsten Hills	75.43	43	eP	P	19 05 31.3	+1.4
GS	Goldstone, Bar	75.44	45	eP	P	19 05 30.6	+0.7
DAC	Darwin (Calif)	75.45	44	eP	P	19 05 30.4	+0.3
TIN	Tinemaha, Big	75.48	43	P	P	19 05 31.2	+1.1
BC3	Big Chockawall	75.49	48	P	P	19 05 31.3	+1.0
HEC	Hector,Ludlow	75.51	46	P	P	19 05 31.2	+0.9
YBH	Yreka Blue Hor	75.53	37	P	P	19 05 31.2	+0.9
YBH	Yreka Blue Hor	75.53	37	eP	P	19 05 31.1	+0.9
HUMO	Hull Mountain	75.94	36	P	P	19 05 33.5	+1.0
GMRC	Granite Mounta	75.94	46	P	P	19 05 33.6	+0.8
IRM	Iron Mountain	75.97	47	P	P	19 05 33.7	+0.9
FURC	Furnace Creek,	76.05	44	P	P	19 05 34.5	+1.3
M04C	Macdoel	76.06	38	P	P	19 05 34.3	+0.9
TUQ	Turquoise Moun	76.12	46	P	P	19 05 35.1	+1.3
Y12C	Blythe	76.19	48	P	P	19 05 35.3	+1.2
NV01	Mina Array Sit	76.22	42	eP	P	19 05 35.0	+0.5
NV01	Mina Array Bea	76.22	42	eP	P	19 05 35.2	+0.8
NV11	Mina Array Sit	76.25	31	eP	P	19 05 35.5	+0.6
I03D	Drain, OR	76.42	35	P	P	19 05 36.3	+1.2
KSM	Kuching	76.49	276	eP	P	19 05 37.0	+0.8
214A	Organ Pipe Nat	76.51	50	P	P	19 05 37.0	+1.1
TPNV	Topopah Spring	76.73	44	P	P	19 05 38.1	+0.9
TPNV	Topopah Spring	76.73	44	eP	P	19 05 38.2	+0.9
PDMC1	Parker Dam,Lak	76.75	48	P	P	19 05 38.1	+0.9
KDAK	Kodiak Island	76.82	12	P	P	19 05 37.1	+0.1
KDAK	Kodiak Island	76.82	12	eP	P	19 05 37.5	+0.5
KSRS	Korea Array	76.82	316	P	P	19 05 39.4	+1.8
J04D	Umpqua Nationa	76.82	36	P	P	19 05 39.0	+1.3
KSAR	Wonju Array Be	76.84	316	P	P	19 05 39.4	+1.7
KS01	Wonju Array Si	76.86	316	eP	P	19 05 38.4	+0.7
I04A	Tendick Farm,	77.00	36	P	P	19 05 39.3	+0.8
MOD	Modoc Plateau	77.04	38	eP	P	19 05 39.6	+0.7
SHPR	Sheep Range	77.22	45	eP	P	19 05 41.1	+1.1
J05D	Fort Rock, OR	77.35	37	P	P	19 05 41.6	+1.1
G03D	McMinnville, O	77.45	34	P	P	19 05 42.2	+1.3
H04A	Detroit Lake	77.69	35	eP	P	19 05 42.4	+0.1
R11A	Troy Canyon, C	77.94	43	P	P	19 05 44.9	+0.9
R11A	Troy Canyon, C	77.94	43	eP	P	19 05 44.6	+0.7
I05D	Terrebonne, OR	77.95	36	P	P	19 05 44.9	+1.2
BMN	Battle Mountai	78.05	41	eP	P	19 05 45.3	+0.7
F04D	Rainier, OR	78.15	34	P	P	19 05 45.8	+1.1
E03A	Lebam	78.16	33	eP	P	19 05 45.7	+1.0
TUC	Tucson	78.18	51	P	P	19 05 46.2	+0.9
TUC	Tucson	78.18	51	eP	P	19 05 46.7	+1.4
USRK	Ussuriysk Ar.	78.28	324	P	P	19 05 47.3	+1.8
WVOR	Wild Horse Val	78.35	39	eP	P	19 05 46.6	+0.6
LVP	Lakeview Peak	78.46	34	P	P	19 05 47.4	+0.8
G05D	Wamic, OR	78.53	35	P	P	19 05 47.8	+1.0
CROR	Criterion Ridge	78.55	35	P	P	19 05 47.8	+0.7
G06A	Carlson Farm,	78.90	35	P	P	19 05 49.4	+0.5
CCUT	Cedar City	78.99	45	eP	P	19 05 51.2	+1.3
J08A	Circle Bar Ran	79.00	38	eP	P	19 05 50.3	+0.8
LON	Longmire	79.21	34	eP	P	19 05 50.4	-0.2

RSO	Redoubt South	79.30	11	eP	P	19 05 50.4	-0.6
WUAZ	Wupatki	79.33	48	P	P	19 05 52.3	+0.7
WUAZ	Wupatki	79.33	48	eP	P	19 05 52.9	+1.3
ELK	Elko	79.48	42	P	P	19 05 51.7	-0.7
ELK	Elko	79.48	42	eP	P	19 05 53.1	+0.7
PGC	Sidney	79.59	32	eP	P	19 05 53.0	+0.5
NAB	Nas 54.1	79.73	34	eP	P	19 05 54.1	+0.8
BBB	Bella Bella	79.85	27	P	P	19 05 53.6	-0.2
MDJ	Mudanjiang	79.90	323	P	P	19 05 53.6	-0.7
MDJ	comp=Z,19nm,1.7s			pmx	pmx		
MDJ	comp=Z,150nm,3.8s			pmx	pmx		
A04D	Lummi Island	80.02	32	P	P	19 05 56.1	+1.4
B05A	Bryant	80.03	32	P	P	19 05 56.0	+1.1
SPU	Mount Spurr	80.10	11	eP	P	19 05 54.0	-1.0
E07A	Sunnyside	80.14	35	eP	P	19 05 56.3	+0.7
HAWA	Hanford	80.22	35	eP	P	19 05 56.6	+0.7
MSU	Marysvalle	80.29	45	eP	P	19 05 58.0	+1.2
W18A	Petrified Fore	80.30	49	P	P	19 05 57.8	+0.9
RC01	Rabbit Creek A	80.44	12	eP	P	19 05 57.1	+0.3
RPW	Rockport	80.45	33	P	P	19 05 57.5	+0.3
ETW	Entiat	80.53	34	P	P	19 05 58.1	+0.3
NJ2	Nanjing	80.55	308	eP	P	19 05 58.3	+0.3
NJ2	comp=Z,8.0nm,0.7s			pmx	pmx		
BMO	Blue Butte	80.55	37	eP	P	19 05 58.3	+0.4
MFID	Camas Ranch	80.60	39	eP	P	19 05 58.7	+0.5
DUG	Dugway, Tooele	80.74	43	P	P	19 05 59.9	+0.8
DUG	Dugway, Tooele	80.74	43	eP	P	19 05 59.5	+0.4
WTV	Waterville	80.79	34	P	P	19 05 59.3	+0.2
NLW	Nelson Butte	80.82	33	P	P	19 05 59.6	+0.3
D08A	Wollman Farm,	80.96	35	eP	P	19 06 00.5	+0.7
BGU	Big Grassy Moun	80.99	42	eP	P	19 06 01.1	+0.8
PMR	Palme	81.02	12	eP	P	19 05 59.6	-0.2
NLU	North Lily Min	81.10	44	eP	P	19 06 02.2	+1.1
TTA	Tatalina	81.12	8	eP	P	19 06 00.7	+0.2
F10A	Beach Ranch, E	81.25	36	eP	P	19 06 01.7	+0.1
DIV	Divide	81.31	14	eP	P	19 06 01.9	+0.4
TMUT	Trail Mountain	81.34	44	eP	P	19 06 04.0	+1.6
B08M	Bremner River	81.44	14	eP	P	19 06 02.6	+0.4
BMRA	Colville Reser	81.53	34	eP	P	19 06 02.7	-0.2
HLID	Hailey	81.54	39	P	P	19 06 03.8	+0.6
HLID	Hailey	81.54	39	eP	P	19 06 04.1	+0.9
MA2	Magadan	81.59	343	P	P	19 06 02.3	-0.6
MA2	Magadan	81.59	343	P	P	19 06 02.9	0.0
KLU	Klutina	81.60	13	eP	P	19 06 02.6	-0.4
O16A	Springleview	81.61	44	eP	P	19 06 03.3	-0.4
SCM	Sheep Creek Mo	81.61	13	eP	P	19 06 03.5	+0.4
SRU	San Rafael Swe	81.70	45	eP	P	19 06 05.5	+1.2
P17A	Butcher Ranch,	81.74	44	eP	P	19 06 06.1	+1.7
C09A	Chrisman Ranch	81.75	34	eP	P	19 06 04.5	+0.4
LAZ	Ladron	81.85	50	eP	P	19 06 04.0	-1.2
CN2	Changchun	81.89	321	eP	P	19 06 05.8	+1.0
CN2	comp=Z,10.0nm,0.7s			pmx	pmx		
MNTX	Cornudas Mount	81.97	53	P	P	19 06 06.5	+0.9
MNTX	Cornudas Mount	81.97	53	eP	P	19 06 06.8	+1.2
BNM	Barren Site	82.11	51	eP	P	19 06 07.9	+1.4
P18A	Freston Valley	82.15	45	eP	P	19 06 07.9	+1.2
PV05	Paradox Nutter	82.17	46	eP	P	19 06 08.0	+1.3
MVCO	Mesa Verde	82.18	47	eP	P	19 06 07.4	+0.6
MVCO	Mesa Verde	82.18	47	eP	P	19 06 05.6	-1.2
LPM	Los Pinos Moun	82.18	51	eP	P	19 06 08.0	+1.1
TX31	Lajitas Ar. Si	82.31	56	eP	P	19 06 08.8	+1.3
TXAR	Lajitas Array	82.31	56	eP	P	19 06 08.9	+1.4
PV09	Paradox Valley	82.35	46	eP	P	19 06 09.0	+1.2
PV10	Paradox Valley	82.36	46	eP	P	19 06 08.7	+0.9
PV04	Paradox Valley	82.46	46	eP	P	19 06 08.8	+0.7
KTH	Kantishna Hill	82.50	10	P	P	19 06 06.7	-1.0
TRF	Thorofore Moun	82.52	11	eP	P	19 06 07.3	-0.6
PV01	Paradox Valley	82.57	46	eP	P	19 06 09.6	+0.8
HARP	HAARP	82.58	13	eP	P	19 06 08.7	+0.7
ANMO	Albuquerque	82.60	50	P	P	19 06 10.2	+1.2
ANMO	Albuquerque	82.60	50	P	P	19 06 09.5	+0.5
ANMO	Albuquerque	82.60	50	eP	P	19 06 10.2	+1.2
TNA	Tin City	82.62	3	P	P	19 06 08.9	+0.8
NEW	Newport	82.65	34	P	P	19 06 08.4	-0.3
NEW	Newport	82.65	34	P	P	19 06 09.0	+0.3
NEW	Newport	82.65	34	eP	P	19 06 07.9	-0.8
RHD	Denali Highway	82.72	12	eP	P	19 06 08.7	-0.2
DNY	Reindeer	82.74	11	eP	P	19 06 09.1	+0.2
PMSA	Palmer Station	82.92	156	P	P	19 06 11.3	+1.5
PAX	Paxson	83.02	13	eP	P	19 06 09.9	-0.4
MCK	McKenzie Canyo	83.02	11	eP	P	19 06 10.0	-0.3
MCMT	McKenzie Canyo	83.17	39	eP	P	19 06 12.7	+1.0
AHID	Ahuhun Hatcher	83.17	41	eP	P	19 06 12.4	+0.6
WHN	Wuhan	83.38	305	P			

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Blanco, Abilene, Richland Sprin, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Lodgepole, Mettler Ranch, Centrahoma, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Lebanon, 5 Mile Ranch, Trindle Farm, etc.

KWP	Kalwaria Pacla	144.82 341	PKPdf	19 13 21.6 +0.6
OJC	Ojcow	145.14 344	PKPab	19 13 22.2 +0.6
OJC	Ojcow	145.14 344	PKPab	19 13 22.2 +0.6
OJC	Ojcow	145.14 344	PKPab	19 13 22.0 +0.4
LEOM	Leova	145.31 332	PKPdf	19 13 21.7 -0.2
LEOM	Leova	145.31 332	PKPdf	19 13 21.7 -0.2
KSP	Ksiaz	145.36 348	PKPab	19 13 23.1 +0.7
KSP	Ksiaz	145.36 348	PKPab	19 13 23.2 +0.8
CLL	Collim	145.45 352	PKPab	19 13 22.6 -0.2
CLL	Collim	145.45 352	PKPab	19 13 22.6 -0.2
CLL	Collim	145.45 352	PKPab	19 13 22.6 -0.2
CLL	Collim	145.45 352	PKPab	19 13 22.6 -0.2
STHS	Stebnicka Huta	145.46 342	PKPdf	19 13 21.9 -0.2
STHS	Stebnicka Huta	145.46 342	PKPdf	19 13 22.0 -0.2
STHS	Stebnicka Huta	145.46 342	PKPdf	19 13 22.0 -0.2
STHS	Stebnicka Huta	145.46 342	PKPdf	19 13 22.0 -0.2
KOLS	Kolonickie sedl	145.57 341	PKPab	19 13 23.7 +0.4
KOLS	Kolonickie sedl	145.57 341	PKPab	19 13 23.7 +0.4
BURAR	Bucovina Array	145.66 336	PKPab	19 13 24.9 +1.1
BURAR	Bucovina Array	145.66 336	PKPab	19 13 24.9 +1.1
NIE	Niedzica	145.73 343	PKPab	19 13 24.5 +0.5
NIE	Niedzica	145.73 343	PKPab	19 13 24.6 +0.6
UPC	Upicie	145.73 348	PKPab	19 13 24.3 +0.4
UPC	Upicie	145.73 348	PKPab	19 13 24.3 +0.4
BRG	Berggiesshubel	145.74 351	PKPab	19 13 23.9 +0.0
BRG	Berggiesshubel	145.74 351	PKPab	19 13 23.9 +0.0
BRG	Berggiesshubel	145.74 351	PKPab	19 13 23.9 +0.0
BRG	Berggiesshubel	145.74 351	PKPab	19 13 23.9 +0.0
DPC	Dobruska-Polom	145.82 348	PKPab	19 13 24.7 +0.4
DPC	Dobruska-Polom	145.82 348	PKPab	19 13 24.7 +0.4
UZH	Uzhorod	145.83 340	PKPab	19 13 24.4 +0.1
OKC	Ostrava-Krasne	145.90 346	PKPab	19 13 24.8 +0.3
OKC	Ostrava-Krasne	145.90 346	PKPab	19 13 24.8 +0.3
OKC	Ostrava-Krasne	145.90 346	PKPab	19 13 24.8 +0.3
PVCC	Panska Ves	145.97 350	PKPab	19 13 24.9 +0.1
PVCC	Panska Ves	145.97 350	PKPab	19 13 24.9 +0.1
TESR	Tescani	145.98 334	PKPab	19 13 24.7 -0.3
TLCR	TLCR	146.02 330	PKPab	19 13 25.3 +0.2
TLCR	TLCR	146.02 330	PKPab	19 13 25.3 +0.2
MORC	Moravsky Berou	146.10 346	PKPdf	19 13 25.2 -0.2
LANS	Liptovska Anna	146.20 344	PKPab	19 13 26.6 +0.8
LANS	Liptovska Anna	146.20 344	PKPab	19 13 26.6 +0.8
BMR	Baia Mare	146.25 338	PKPab	19 13 26.0 +0.1
BMR	Baia Mare	146.25 338	PKPab	19 13 26.0 +0.1
PETR	Petrestri	146.34 332	PKPab	19 13 26.9 +0.6
CFR	Caracul	146.35 331	PKPab	19 13 26.7 -0.7
CFR	Caracul	146.35 331	PKPab	19 13 26.7 -0.7
PRA	Prague	146.44 350	PKPab	19 13 26.3 -0.3
PRA	Prague	146.44 350	PKPab	19 13 26.3 -0.3
VRI	Vrincioaia	146.45 333	PKPab	19 13 26.4 -0.4
VRI	Vrincioaia	146.45 333	PKPab	19 13 26.4 -0.4
PLOR	Plostinia	146.50 333	PKPab	19 13 26.6 -0.4
PLOR	Plostinia	146.50 333	PKPab	19 13 26.6 -0.4
PRU	Pruhoniche	146.50 350	PKPab	19 13 26.6 -0.2
PRU	Pruhoniche	146.50 350	PKPab	19 13 26.6 -0.2
GOPC	GO Peeny, Ondr	146.53 349	PKPab	19 13 26.8 -0.2
GOPC	GO Peeny, Ondr	146.53 349	PKPab	19 13 26.8 -0.2
GOPC	GO Peeny, Ondr	146.53 349	PKPab	19 13 26.8 -0.2
GOPC	GO Peeny, Ondr	146.53 349	PKPab	19 13 26.8 -0.2
GRER	Genefee	146.72 332	PKPab	19 13 27.3 -0.7
GRER	Genefee	146.72 332	PKPab	19 13 27.3 -0.7
TIRR	Tirgusor	146.75 330	PKPab	19 13 27.3 -0.7
TIRR	Tirgusor	146.75 330	PKPab	19 13 27.3 -0.7
TIRR	Tirgusor	146.75 330	PKPab	19 13 27.3 -0.7
TIRR	Tirgusor	146.75 330	PKPab	19 13 27.3 -0.7
CLA	Clavier	146.83 0	PKPab	19 13 28.6 +0.1
DOPR	Dopca	146.94 334	PKPab	19 13 28.6 +0.1
BRT13	Keskin Array S	146.94 319	PKPdf	19 13 25.6 +0.5
BRT13	Keskin Array S	146.94 319	PKPdf	19 13 25.6 +0.5
BRT13	Keskin Array S	146.94 319	PKPdf	19 13 25.6 +0.5
BRT13	Keskin Array S	146.94 319	PKPdf	19 13 25.6 +0.5
BRTR	comp=Z,1.1nm,0.8s,baz=135,slow=1.3,SNR=53		PKPab	19 13 28.2 -0.9
BRTR	comp=Z,1.1nm,0.8s,baz=135,slow=1.3,SNR=53		PKPab	19 13 28.2 -0.9
BRTR	comp=Z,1.1nm,0.8s,baz=135,slow=1.3,SNR=53		PKPab	19 13 28.2 -0.9
BRTR	comp=Z,1.1nm,0.8s,baz=135,slow=1.3,SNR=53		PKPab	19 13 28.2 -0.9
TREC	Trest	146.99 348	PKPab	19 13 27.7 +0.7
TREC	Trest	146.99 348	PKPab	19 13 27.7 +0.7
CJR	Ciuj-Napoca	147.02 337	PKPab	19 13 28.6 -0.5
CJR	Ciuj-Napoca	147.02 337	PKPab	19 13 28.6 -0.5
PGOR	Poganele	147.08 332	PKPab	19 13 29.4 +0.1
MLR	Muntele Rosu	147.09 333	PKPab	19 13 29.0 -0.5
MLR	Muntele Rosu	147.09 333	PKPab	19 13 29.0 -0.5
ISR	Istrita	147.12 332	PKPab	19 13 28.9 -0.6
ISR	Istrita	147.12 332	PKPab	19 13 28.9 -0.6
DOU	Dourbes	147.15 1	PKPbc	19 13 28.7 -0.7
PSZ	Piszkesteto	147.20 342	PKPab	19 13 28.8 -1.0
PSZ	Piszkesteto	147.20 342	PKPab	19 13 28.8 -1.0
PSZ	Piszkesteto	147.20 342	PKPab	19 13 28.8 -1.0
PSZ	Piszkesteto	147.20 342	PKPab	19 13 28.8 -1.0
GRFO	Grafenberg	147.26 353	PKPbc	19 13 28.6 -1.2
DRGR	Drgr	147.28 338	PKPbc	19 13 28.6 +0.6
DRGR	Drgr	147.28 338	PKPbc	19 13 28.6 +0.6
ANKA	Ankara	147.39 319	PKPab	19 13 30.0 -0.8
ANKA	Ankara	147.39 319	PKPab	19 13 30.0 -0.8
BR231	Keskin MP Arra	147.42 319	PKPdf	19 13 26.3 +0.4
KHC	Kasperske Hory	147.49 350	PKPdf	19 13 26.8 +1.2
KHC	Kasperske Hory	147.49 350	PKPdf	19 13 26.8 +1.2
KHC	Kasperske Hory	147.49 350	PKPdf	19 13 26.8 +1.2
KHC	Kasperske Hory	147.49 350	PKPdf	19 13 26.8 +1.2
ZALF	Zalf	147.49 305	PKPbc	19 13 30.0 +1.0
VOIR	Voire	147.51 334	PKPbc	19 13 29.4 +0.8
VOIR	Voire	147.51 334	PKPbc	19 13 29.4 +0.8
SULR	Sulr	147.59 332	PKPab	19 13 30.5 -0.7
WLF	Walferdange	147.59 359	PKPdf	19 13 26.2 +0.5
WLF	Walferdange	147.59 359	PKPdf	19 13 26.2 +0.5
WLF	Walferdange	147.59 359	PKPdf	19 13 26.2 +0.5
ARR	Arges	147.74 335	PKPab	19 13 31.2 -0.8
ARR	Arges	147.74 335	PKPab	19 13 31.2 -0.8
GERES	GERESS Array B	147.75 350	PKPbc	19 13 30.1 +0.9
GERES	GERESS Array B	147.75 350	PKPbc	19 13 30.1 +0.9
GERES	GERESS Array B	147.75 350	PKPbc	19 13 30.1 +0.9
GERES	GERESS Array B	147.75 350	PKPbc	19 13 30.1 +0.9
LOT	Lotru	148.02 336	PKPbc	19 13 30.4 +0.4
TOTAH	Totah	148.03 306	PKPbc	19 13 29.4 +1.0
SALA	Sala	148.10 309	PKPbc	19 13 31.1 +0.7
SIFR	Sifra	148.10 339	PKPbc	19 13 31.1 +1.0
ASF	Jabal al Asfar	148.10 304	PKPbc	19 13 31.8 +1.1
PRD	Provadia	148.18 329	PKPbc	19 13 31.4 +1.1
CONA	Conrad Observa	148.21 347	PKIKP	19 13 31.8 -0.2
CONA	Conrad Observa	148.21 347	PKIKP	19 13 31.8 -0.2
LANF	Langenberg	148.23 357	PKPbc	19 13 31.7 +1.4
SOP	Sopron	148.29 346	PKPbc	19 13 31.8 +1.3
STU	Stuttgart	148.36 356	PKPbc	19 13 31.8 +1.2
BRBR	Barbar	148.39 307	PKPdf	19 13 29.2 +1.4
GZR	Gura Zlata	148.44 337	PKPbc	19 13 31.6 +0.5
GZR	Gura Zlata	148.44 337	PKPbc	19 13 31.6 +0.5
MOA	Molin	148.61 349	PKIKP	19 13 32.6 -0.2
TCHB	Talcheb	148.63 305	PKPbc	19 13 30.7 -1.3
BZS	Buzias	148.68 338	PKPbc	19 13 32.5 +0.9
BZS	Buzias	148.68 338	PKPbc	19 13 32.5 +0.9
BFO	Black Forest	148.85 357	PKPbc	19 13 32.1 +1.1
BFO	Black Forest	148.85 357	PKPbc	19 13 32.1 +1.1
ARSA	Arsberg	148.93 347	PKIKP	19 13 32.2 -0.2
ARSA	Arsberg	148.93 347	PKIKP	19 13 32.2 -0.2
MMAI	Mount Meron Ar	148.96 306	PKPbc	19 13 34.4 +1.6
ECH	Echery	148.98 358	PKPbc	19 13 33.5 +1.1
THEF	The Montfort	149.11 342	PKPbc	19 13 33.5 +0.6
MORAY	Moray	149.11 342	PKPbc	19 13 33.5 +0.9
MORAY	Moray	149.11 342	PKPbc	19 13 33.5 +0.9
PKSM	PKSM	149.11 342	PKPbc	19 13 33.5 +0.9
MDVR	Moldovita	149.36 337	PKPbc	19 13 34.4 +1.0
MOFF	Molkenrain	149.38 358	PKPbc	19 13 33.5 +0.7
REUTE	Reutte	149.43 333	PKIKP	19 13 34.8 +0.2
KBA	Koelnbreinsperg	149.52 350	PKPbc	19 13 34.1 +0.3
KBA	Koelnbreinsperg	149.52 350	PKPbc	19 13 34.1 +0.3
WATA	Walderalm	149.53 352	PKIKP	19 13 34.5 -0.3
WATA	Walderalm	149.53 352	PKIKP	19 13 34.5 -0.3
SOKA	Soboth	149.58 347	PKPbc	19 13 34.0 +0.1
SOKA	Soboth	149.58 347	PKPbc	19 13 34.0 +0.1
MOTA	Mosalm	149.59 353	PKIKP	19 13 34.5 -0.5
MOTA	Mosalm	149.59 353	PKIKP	19 13 34.5 -0.5
WTTA	Wattenberg	149.60 352	PKIKP	19 13 35.0 -0.0
WTTA	Wattenberg	149.60 352	PKIKP	19 13 35.0 -0.0
PERS	Pernice	149.60 347	PKPbc	19 13 34.2 +0.3
MBAR	Mbar	149.66 237	PKPbc	19 13 35.3 +0.1
MBAR	Mbar	149.66 237	PKPbc	19 13 35.3 +0.1
CSS	Mithariis	149.66 311	PKPdf	19 13 30.2 +0.6

MPEP	Malo Peshtene	149.74 333	PKPbc	19 13 35.0 +0.7
DAVA	Damulus	149.77 354	PKIKP	19 13 35.6 +0.2
DAVA	Damulus	149.77 354	PKIKP	19 13 35.6 +0.2
OBKA	Obir	149.84 348	PKPbc	19 13 34.4 -0.2
OBKA	Obir	149.84 348	PKPbc	19 13 34.4 -0.2
LOMK	Lomont	149.89 358	PKPbc	19 13 34.1 -0.5
MYKA	Terra Mystica	149.90 349	PKPbc	19 13 34.7 0.0
FETA	Feichten	149.95 353	PKIKP	19 13 36.3 +0.5
DIM	Dimitrovgrad	149.95 350	PKPbc	19 13 35.8 +1.0
ABTA	Abfaltersbach	149.97 351	PKPbc	19 13 35.2 +0.3
LJUJ	Ljubljana	150.25 348	PKPbc	19 13 36.1 +0.6
FORR	Forst-Pass-Fuoss	150.29 354	PKPbc	19 13 36.6 +0.1
EIL	Elai	150.50 300	PKPbc	19 13 37.6 +1.0
DIVS	Divivare	150.57 339	PKPbc	19 13 36.6 +0.2
VTS	Vitoshia	150.59 333	PKPbc	19 13 36.8 +0.1
VTS	Vitoshia	150.59 333	PKPbc	19 13 36.8 +0.1
TUE	Tuetta	150.63 355	PKPdf	19 13 37.4 +0.2
TUE	Tuetta	150.63 355	PKPdf	19 13 37.4 +0.2
TRI	Trieste	150.76 348	PKPbc	19 13 37.0 +0.4
BLV	Banja Luka	150.86 343	PKPbc	19 13 37.6 +0.7
SEIN	Sac Senin/Sane	150.89 356	PKPbc	19 13 38.5 +1.6
AGO	Saint Agoulin	151.13 4	PKP	19 13 39.9 +2.4
PYM	Petit Puy Mans	151.42 4	PKP	19 13 40.5 +2.2
LBL	Lublilhac	151.95 4	PKPbc	19 13 42.4 +2.9
SSB	Saint Sauveur	151.96 2	PKPbc	19 13 40.1 +0.7
BNI	Bardonecchia	152.19 359	PKIKP	19 13 41.8 +1.4
BNI	Bardonecchia	152.19 359	PKIKP	19 13 41.8 +1.4
PCAB	Cabril	152.85 23	PKPbc	19 13 42.8 +1.2
PCAB	Braganca	153.23 21	PKPbc	19 13 42.9 +0.5
PCLO	Lamas de Olo	153.23 23	PKPbc	19 13 43.8 +1.1
PCAS	Casmilo, Conde	154.09 26	PKPbc	19 13 43.8 -0.4
PCAS	Casmilo, Conde	154.09 26	PKPbc	19 13 43.8 -0.4
MTE	Mateigas	154.17 24	PKPbc	19 13 45.9 -0.5
PTOM	Tomar	154.49 26	PKPbc	19 13 46.4 +1.3
PCBR	Castelo Branco	154.68 24	PKPbc	19 14 00.6 +0.1
PMRV	Marv??o	155.07 25	PKPdf	19 13 42.8 +5.4
ESDC	Sonsec Array	156.06 19	PKPdf	19 13 37.4 -1.3
ESDC	Sonsec Array	156.06 19	PKPdf	19 13 37.4 -1.3
ESDC	Sonsec Array	156.06 19	PKPdf	19 13 37.4 -1.3
ESDC	Sonsec Array	156.06 19	PKPdf	19 13 37.4 -1.3

15d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FSSB Fossombrone, SSFR Montelago di S, SSFR Montelago di S.

SKHL 15:20:10.20:6.0.6.55:73N:122:03E, h11km, l1km, mb3.6/5
YARS 15:20:10.20:7.0.2.55:80N:0101:122:95E:0.01, h10km
ISC 15:20:10.19:7.0.9.55:72N:0102:122:99E:0.02, h0km, gkm, n32, r154/60, 1C, Southeastern Siberia

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TNRD Tynda, YKLR Yuktali, IENR lengra, KHN Khani, etc.

2011 JAN

Table with columns: EKM, Station Name, Az, Phase ID, Time, Res. Includes stations like EKM R Ekimchan, EKM R Ekimchan, KMO Kumora, etc.

ISCJB 15:20:23.15:2.0.8.27:5N:01:143:4E:0.1, h10km, mb3.6/10, Error ellipse: s-maj=19.2km s-min=14.3km az=44.6
IDC 15:20:23.15:2.1.0.27:42N:143:39E, h0km, mb3.6/10, mb1.3/8.1, mb1mx3.7/46, mbtmp3.6/11, ML3.5/1, Error ellipse: s-maj=26.5km s-min=17.8km az=145.0
ISC 15:20:23.16:8.1.0.27:4N:01:143:4E:0.1, h10km, n12, r055/12, mb3.6/10, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, SONM Songino Array, etc.

IDC 15:20:23.22:7.0.6.27:35N:143:38E, h0km, mb4.0/22, mb1.4/1.25, mb1mx4.0/49, mbtmp4.0/25, ML3.3/3, Error ellipse: s-maj=17.7km s-min=13.9km az=156.0
NEIC 15:20:23.24:4.0.3.27:39N:143:37E, h10km, mb4.5/6, Error ellipse: s-maj=7.6km s-min=7.3km az=162.0
JMA 15:20:23.26:2.0.2.27:47N:143:28E, h69km, M3.8
ISCJB 15:20:23.27:4.0.4.27:63N:0103:143:22E:0.05, h33km, mb4.1/28, Error ellipse: s-maj=7.1km s-min=4.3km az=15.3

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, JRY Yellowknife Ar, JMA Warramunga Arr, etc.

ISCJB 15:20:32:46.6:0.3.44:40N:0102:7:10E:0:03, h17km, 5km, Error ellipse: s-maj=4.5km s-min=2.7km az=148.9
GEN 15:20:32:46.7:44:39N:7:05E, h5km, ML1.8
CSEM 15:20:32:46.2:0.1.44:40N:7:06E, h5km, M2.6/15, Error ellipse: s-maj=2.7km s-min=1.8km az=62.0
LDG 15:20:32:46.4:0.0.44:41N:7:09E, h2km, M2.5/3, M2.6/9, Error ellipse: s-maj=1.1km s-min=0.6km az=70.0
ROM 15:20:32:46.4:0.3.44:41N:7:11E, h9km, 1km, M2.1/8, M1.1/9, Error ellipse: s-maj=5.0km s-min=1.3km az=61.0
ISC 15:20:32:46.1:0.6.44:41N:0102:7:09E:0.02, h15km, 5km, n37, r052/74, Northern Italy

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Stroppo, Sant Anna di V, Entracque, Montbardon, etc.

ISCJB 15:20:47:49.3:0.8.34:7N:01:137:3E:0:1, h300km, mb2.8/4, Error ellipse: s-maj=17.0km s-min=10.7km az=157.5
JMA 15:20:47:49.9:0.2.34:85N:137:43E, h307km, 2km, M3.2
IDC 15:20:47:49.4:1.1.34:07N:137:32E, h289km, 10km, mb2.7/5, mb1.2/9.7, mb1mx2.7/57, mbtmp3.3/7, Error ellipse: s-maj=23.3km s-min=18.1km az=62.0
ISC 15:20:47:50.3:1.0.34:8N:01:137:4E:0:1, h300km, n15, r057/14, mb2.9/4, Near south coast of eastern Honshu

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Obara, Yasuok, Odawara 2, Nsakai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HHC Hu-ho-hao-te, MA2 Magadan, and various other locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMPI, SIJI Sorong, BBSI Bau Bau, and others.

ISCJB 15 23:32:54.6: 1.1, 27.4N; 0.1x143.4E: 0.1, h10km, mb3.7/5, MS4.2/1, Error ellipse: s-maj=20.7km s-min=11.4km az=143.2

IDC 15 23:32:54.6: 1.3, 27.36N; 143.47E, h0km, mb3.7/5, mb1 3.9/6, mb1mx3.6/4.2, mbtmp3.7/6, ML3.4/1, MS3.6/2, Ms1 3.6/7, ms1mx3.6/3.5, Error ellipse: s-maj=31.0km s-min=24.2km az=116.0

ISC 15 23:32:56.5: 1.2, 27.4N; 0.1x143.4E: 0.1, h10km, n9, @128/8, mb3.8/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, ASAJ Asakikawa, and others.

ISCJB 15 23:38:03.0: 0.5, 6.81S; 0.0x8.155E: 0.07, h50km, mb4.1/7, Error ellipse: s-maj=12.2km s-min=8.4km az=148.9

NEIC 15 23:38:08.0: 1.2, 6.93S; 155.13E, h83km, 11km, mb4.4/4, Error ellipse: s-maj=13.5km s-min=8.9km az=156.0

IDC 15 23:38:08.1: 2.6, 6.95S; 155.15E, h85km, 24km, mb4.1/13, mb1 4.3/16, mb1mx1.4/3.5, mbtmp4.5/16, MS3.5/3, Ms1 3.9/6, ms1mx3.0/2.7, Error ellipse: s-maj=20.1km s-min=15.6km az=153.0

ISC 15 23:38:04.9: 0.6, 6.8S; 0.1x155.17E: 0.08, h50km, n33, @127/34, mb4.4/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, HNR Port Moresby, PMG Port Moresby, and others.

ISCJB 15 23:38:04.9: 0.6, 6.8S; 0.1x155.17E: 0.08, h50km, n33, @127/34, mb4.4/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, SIJI Sorong, STKA Stephens Creek, and others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TBI Tubuai, PAE Paea, TVO, and others.

ISCJB 15 23:56:17.0: 0.1, 31.69N; 0.1x104.5E: 0.3, h9km, mb3.3/5, Error ellipse: s-maj=32.6km s-min=13.9km az=176.1

IDC 15 23:56:17.1: 1.2, 31.71N; 104.50E, h0km, mb3.4/5, mb1 3.6/7, mb1mx3.3/3.5, mbtmp3.4/7, ML3.6/2, Error ellipse: s-maj=59.2km s-min=20.9km az=63.0

ISC 15 23:56:19.1: 1.2, 31.71N; 0.1x104.5E: 0.3, h9km, n7, @1913/7, mb3.3/5, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, SONM Songoing Array, MKAR Makanchi Array, and others.

ISCJB 16 00:02:00.4: 0.8, 31.08S; 0.0x70.03W: 0.06, h140km, 11km, Error ellipse: s-maj=8.1km s-min=4.5km az=179.0

SJA 16 00:02:01.4: 0.9, 31.05S; 70.03W, h117km, 23km, ML4.1, MW4.6, Fault plane solution: NPI: @152.00000, @76.00000, @-62.00000

GUC 16 00:02:02.3: 0.4, 31.12S; 70.65W, h135km, 3km, ML3.7

ISC 16 00:02:00.7: 1.6, 31.08S; 0.0x70.02W: 0.05, h140km, 15km, n23, @085/32, 10C-5D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RTL S Leoncito, TLL Tololo Astrono, and others.

ISCJB 16 00:02:00.7: 1.6, 31.08S; 0.0x70.02W: 0.05, h140km, 15km, n23, @085/32, 10C-5D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AUSP Uspallata, RTLL Cerro Villucun, and others.

ISCJB 16 00:24:05.7: 1.9, 2.23N; 96.12E, h0km, mb3.8/5, mb1 3.9/7, mb1mx3.6/4.7, mbtmp3.8/7, ML3.1/1, MS4.0/3, Ms1 4.0/3, ms1mx3.1/3.6, Error ellipse: s-maj=46.4km s-min=22.2km az=41.0

NEIC 16 00:24:06.8: 0.7, 2.21N; 96.06E, h10km, mb4.0/1, Error ellipse: s-maj=13.9km s-min=8.3km az=44.0

ISCJB 16 00:24:07.9: 0.7, 2.29N; 0.06x96.08E: 0.06, h27km, mb4.2/8, MS4.0/3, Error ellipse: s-maj=8.9km s-min=7.0km az=42.6

DJA 16 00:24:09.3: 0.2, 2.24N; 9.6E, h10km, M3.7/6, MLV3.7/6

ISCJB 16 00:24:09.1: 0.9, 2.24N; 0.06x96.08E: 0.09, h27km, n29, @161/26, mb4.0/8, MS3.9/3, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LCO Las Campanas, AAGR Agrelo, and others.

ISCJB 15 23:20:40.1: 0.7, 7.48S; 0.06x129.42E: 0.06, h150km, mb3.5/2, Error ellipse: s-maj=9.3km s-min=8.0km az=40.8

IDC 15 23:20:40.9: 4.7, 7.17S; 129.50E, h172km, 53km, mb3.2/2, mb1 3.3/4, mb1mx3.0/3.3, mbtmp3.7/4, Error ellipse: s-maj=80.8km s-min=17.9km az=76.0

DJA 15 23:20:42.0: 0.4, 7.3S; 12.9E, h178km, 13km, M4.6/6, mb4.5/6, mb5.0/3, MLV4.7/6, MW(mB)4.3/3

ISC 15 23:20:41.5: 1.0, 7.53S; 0.08x129.31E: 0.07, h150km, n10, @284/10, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SAUI Saumlaki, SOEI Soe, and others.

GCMT 15 23:48:56.0: 0.2, 62.27S; 155.03E, h12km, 1km, MW5.1/76, Moment Tensor Solution. s42,c51; s76,c119; Duration: 0 Moment Tensor: Scale 10^16N/m; Mrr=0.88±19; Mθθ=64.62±17; Mφφ=3.74±15; Mθφ=1.18±42; Mφθ=3.37±14; Mφθ=0.53±2; Best double couple: Mφθ=49.0000x10^16 NPTφ=335.00000°, h84.00000°, 2.9.00000°. NPTφ=64.00000°, θ81.00000°, h174.00000°. Principal axes: P=11.0000°, Azm200.0000°; N=1.1170°, Plg79.0000°, Plm1.0000°; P=-4.9320°, Plg2.0000°, Azm109.0000°; nstata refers to body waves, cutoff=40s. nstaz2 refers to surface waves, cutoff=50s. Balleny Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TBI Tubuai, CMAR Chiang Mai Arr, H0S2 Diego Garcia H, and others.

Table with columns: SOEI, Soe, 6.86 239 ePn, Pn, 00 58 057 +0.2, SOEI, FITZ, FITZ, FITZ, WRAB, WRA, WRA, PMG, PMG, CTAO, KSM, NACB, KULM, YHNB, TLY, MKAR, ZALV

ISK 16 01:01:22.4, 37°50'N:38.67E, h8km, MD2.7
ISCJB 16 01:01:23.0, 0.6, 37°53'N:0.03-38°72'E:0.05, h6km, 7km,
CSEM 16 01:01:23.4, 0.2, 37°52'N:38.72E, h10km, MD2.7, Error ellipse: s-maj=6.5km s-min=5.1km az=108.0
DDA 16 01:01:23.4, 0.7, 48N, 38.72E, h7km, MD2.7
ISC 16 01:01:23.3, 0.9, 37°50'N:0.03-38.71E:0.03, h11km, 7km, n23, e043/34, Turkey

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s ISC, SOEI, URFA, URFA, URFA, SURC, SURC, SURC, MALT, MALT, GZT, SVRC, SVRC, SVRC, DYBB, DYBB, MAZI, MAZI, KMRS, KMRS, HCB, HCB, DARE, DARE, PTK, PTK, KUZU, KUZU, KUZU, KAMA, KAMA

IDC 16 01:03:52.0, 9.26, 91N:143.96E, h0km, mb4.0/1.4, mb1 4.2/1.7, mb1mx4.1/4.0, mbmp3.0/1.7, ML3.4/3, Error ellipse: s-maj=22.3km s-min=18.7km az=4.0
NEIC 16 01:03:54.3, 0.4, 26.96N:143.95E, h10km, mb4.5/1.0, Error ellipse: s-maj=11.3km s-min=7.9km az=69.0
JMA 16 01:03:55.8, 0.1, 27.23N:143.81E, h26km, 0.4
ISCJB 16 01:03:56.2, 0.5, 27.07N:0.06-143.86E:0.05, h33km, mb4.2/2.4, Error ellipse: s-maj=8.1km s-min=5.7km az=168.5
ISC 16 01:03:58.2, 0.6, 26.98N:0.08-143.83E:0.08, h35km, n38, e116/40, mb4.1/2.4, Bonin Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s ISC, CBJ, CBJ, CBJ, JCU, JCU, JHH, JHH, JDD, JDD, JHY, JHY, MJAR, MJAR, MAJO, MAJO, MAT, MAT, KSRS, KSRS, KSAR, KSAR, USRK, USRK, PNM, PNM, TLY, TLY, CTAO, WRAB, WRA, WRA, ZALV, ZALV, MKAR, MKAR, NRK, NRK, TKM2, TKM2, ILAR, ILAR, AAK, AAK, BVAR, BVAR, KKAR, KKAR, INK, INK, ARU, ARU, ABKAR, ABKAR, BMO, BMO, FINES, FINES, KBZ, KBZ, NVAR, NVAR, PDAR, PDAR, BRTR, BRTR

IDC 16 01:22:01.1, 0.8, 51°61'N:178°13'W, h0km, mb3.7/1.9, mb1 3.9/2.0, mb1mx3.8/4.6, mbmp3.8/2.0, ML3.8/1, MS3.1/1, Ms1 3.1/1, ms1mx2.5/5.2, Error ellipse: s-maj=24.2km s-min=14.5km az=174.0
ISCJB 16 01:22:10.1, 0.4, 51°7N:0.1x:177.96W:0.04, h43km, 3km, mb3.6/1.8, Error ellipse: s-maj=16.9km s-min=3.5km az=173.7
NEIC 16 01:22:10.3, 51°54'N:177.93'W, h66km, mb3.9/1, ML4.0(AEIC), After AEIC.
ISC 16 01:22:10.4, 0.9, 51°58'N:0.1-177.96W:0.03, h72km, 6km, n52, e104/62, mb3.8/1.8, Andreas Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s ISC, TAFL, TAFL, TAPA, TAPA, TAFP, TAFP, GAEA, GAEA, GALAA, GALAA, KIKV, KIKV, KIRH, KIRH, ADAG, ADAG, ETKA, ETKA, GSKC, GSKC, GSTD, GSTD, GSMY, GSMY, GSTR, GSTR, CERAA, CERAA, CERB, CERB, CESW, CESW, CEAR, CEAR, CETU, CETU, AMKA, AMKA, LSPA, LSPA, LSSA, LSSA, LSNW, LSNW, ATKA, ATKA, ATKA, ATKA, KOWE, KOWE, KOKL, KOKL, KOPF, KOPF, KOSE, KOSE, SMY, SMY, NIKH, NIKH, SPIA, SPIA, UNV, UNV, KDKA, KDKA, KTH, KTH, MA2, MA2, ILAR, ILAR, INK, INK, USRK, USRK, H1N2, H1N2, H1N3, H1N3, H1N1, H1N1, YKA, YKA, H1S1, H1S1, H1S2, H1S2, H1S3, H1S3, NVAR, NVAR, PDAR, PDAR, SONM, SONM, SPITS, SPITS, ZALV, ZALV, TXAR, TXAR, KURK, KURK, KURB, KURB, MKAR, MKAR, BVAR, BVAR, FINES, FINES, AKASE, AKASE, GREY, GREY, WYR, WYR, BRTR, BRTR, STKA, STKA, TORO, TORO, BOSA, BOSA

DHMR 16 01:26:44.7, 1.9, 11°37'N:43°39'E, h16km, 23km, ML4.2, Ethiopia

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s ISC, ADEN, ADEN, ADEN, UDYN, UDYN, LBOS, LBOS, BDHA, BDHA, BDHA, DHBB, DHBB, HAJJ, HAJJ, HAJJ, HAJJ, ADEN, ADEN, ADEN, UDYN, UDYN, LBOS, LBOS, BDHA, BDHA, BDHA, DHBB, DHBB, HAJJ, HAJJ, HAJJ, HAJJ

IDC 16 01:38:46.5, 1.2, 27°33'N:143°6'E, h0km, mb3.7/1.7, mb1 3.9/7, mb1mx3.5/3.6, mbmp3.7/7, Error ellipse: s-maj=39.0km s-min=28.2km az=91.0, Bonin Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s ISC, ADEN, ADEN, ADEN, UDYN, UDYN, LBOS, LBOS, BDHA, BDHA, BDHA, DHBB, DHBB, HAJJ, HAJJ, HAJJ, FURI, FURI, FURI, FURI, KMBO, KMBO, BRTR, BRTR, TORO, TORO, MKAR, MKAR, ZALV, ZALV, ZALV, SONM, SONM

DHMR 16 01:46:45.4, 0.8, 12°09'N:43°90'E, h10km, 10km, ML3.6, Western Arabian Peninsula

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s ISC, ADEN, ADEN, ADEN, UDYN, UDYN, LBOS, LBOS, BDHA, BDHA, BDHA, DHBB, DHBB, HAJJ, HAJJ, HAJJ

DHMR 16 01:53:50.7, 1.5, 11°31'N:44°09'E, h15km, 26km, ML3.6, 1C, Western Gulf of Aden

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s ISC, ADEN, ADEN, ADEN, UDYN, UDYN, UDYN, LBOS, LBOS, BDHA, BDHA, BDHA, DHBB, DHBB

ISCJB 16 01:55:58.5, 0.7, 6°81'N:0°04'x73°09'W:0°04, h159km, 7km, Error ellipse: s-maj=8.5km s-min=4.6km az=38.0
FUNV 16 01:55:58.6, 6.88N:73°20'W, h178km, MW3.1, RSNL 16 01:56:01.5, 0.9, 6.79N:73°17'W, h141km, 6km, ML2.8
ISC 16 01:55:57.1, 1.5, 6.83N:0°04'x73°08'W:0°05, h174km, 9km, n19, e179/34, 2C-1D, Northern Colombia

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s ISC, BARC, BARC, BARC, GRMC, GRMC, GRMC, RUSC, RUSC, RUSC, CAPV, CAPV, OCAC, OCAC, OCAC, YOPC, YOPC, NORC, NORC, CHIC, CHIC, CHIC, ROSE, ROSE, ROSE, HELC, HELC, HELC, SOCO, SOCO, VILC, VILC, VILC, VILC, VILC, DBBC, DBBC, FOLC, FOLC, VIRV, VIRV, CURV, CURV, BAUV, BAUV, MAPV, MAPV

DHMR 16 02:02:48.6, 1.9, 12°07'N:43°39'E, h15km, 127km, ML3.6, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ADEN Aden, UDYN AI Udayn, LBOS, BDHA AI Bayda'.

DHMR 16 02:09:37.72.4, 11.99N:43.91E, h10km, 28km, ML4.3
IDC 16 02:09:40.8.3.1, 11.99N:43.91E, h10km, mb3.7/6, mb1.3/7.6, mb1mx3.4/4.1, mbmtmp3.7/6, MS3.3/15, Ms1.3/3.15, ms1mx3.1/3.4, Error ellipse: s-maj=81.6km s-min=30.1km az=162.0

ISC 16 02:09:38.3.5.0, 11.99N:02.44.0E.0.1, h4km, 25km, n24, o#92/12, mb3.8/6, MS3.3/12, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ADEN Aden, UDYN AI Udayn, LBOS, BDHA AI Bayda', DHBB Dhamar BB, HAJJ Hajjah, KMBO Kilima Mbogo, WSAR Wadi Sarin, EIL Elat, MMAI Mount Meron Ar, GEYT Alibeck, BRTR Keskin Array B, KBZ Khabaz, AKTO Aktyubinsk, AAK Ala-Archa, TORD Torodir Ar. Bea, BOSA Boshof, ARU Arti, MKAR Makanchi Array, MKAR Kurchatov Arra, ZALV Zalesovo Beam, ZALV, CMAR Chiang Mai Arr, SONM Songo Array, NRIC Norik'sk.

RSNC 16 02:19:02.8.0.7, 4.38N:73.70W, h4km, 6km, ML1.4, 1D, Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHIC Chingaza, VILC Villavicencio, SJAC San Juan de Ar, NORC Norcasia.

ISCJB 16 02:22:45.6.0.6, 37.80N:0.03:27.10E.0.05, h5km, 6km, Error ellipse: s-maj=7.2km s-min=4.0km az=142.0
ISC 16 02:22:45.3.7.0, 37.80N:27.14E, h11km, MD2.7
DDA 16 02:22:45.4.3.7, 37.80N:27.09E, h6km, MD2.7
CSEM 16 02:22:46.0.4.3, 37.81N:27.11E, h2km, MD2.7, Error ellipse: s-maj=7.7km s-min=5.7km az=67.0

ISC 16 02:22:45.1.1.0, 37.79N:0.03:27.09E.0.03, h8km, 8km, n21, o#577/38, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GCAM G?zelcami?, GCAM G?zelcami?, DGB zmir, IZM Izmir, AYDN Tasoluk, AYDN Zeytinkoy-Aydi, AYDB Zeytinkoy-Aydi, AYDB Zeytinkoy-Aydi, UURLA Izmir, UURLA Izmir, BODT Bodrum, BODT Bodrum, AKS Akhisar, AKS Akhisar, MANT Manisa, MANT Manisa, KULA Kula-Manisa, KULA Kula-Manisa, DEMI Demirci, DEMI Demirci.

DHMR 16 02:24:16.5.1.0, 11.74N:43.95E, h12km, 19km, ML3.5, Ethiopia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ADEN Aden, UDYN AI Udayn, LBOS, BDHA AI Bayda', DHBB Dhamar BB, HAJJ Hajjah, KMBO Kilima Mbogo, WSAR Wadi Sarin, EIL Elat, MMAI Mount Meron Ar, GEYT Alibeck, BRTR Keskin Array B, KBZ Khabaz, AKTO Aktyubinsk, AAK Ala-Archa, TORD Torodir Ar. Bea, BOSA Boshof, ARU Arti, MKAR Makanchi Array, MKAR Kurchatov Arra, ZALV Zalesovo Beam, ZALV, CMAR Chiang Mai Arr, SONM Songo Array, NRIC Norik'sk.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ADEN Aden, UDYN AI Udayn, LBOS, BDHA AI Bayda', DHBB Dhamar BB.

DHMR 16 02:29:09.0.2.2, 12.06N:43.93E, h14km, 148km, ML3.7, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ADEN Aden, UDYN AI Udayn, LBOS, BDHA AI Bayda', DHBB Dhamar BB.

IDC 16 02:31:47.4.1.5, 26.93N:143.92E, h0km, mb3.6/4, mb1.3/8.5, mb1mx3.5/4.5, mbmtmp3.7/5, ML3.7/1, MS3.3/3, Ms1.3/3.3, ms1mx2.6/3.6, Error ellipse: s-maj=48.7km s-min=29.2km az=84.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, PETK Petropavlovsk, WRA Warrungarra Arr, MKAR Makanchi Array, KURBB Kurchatov Arra, INK Inuvik, WSAR Wadi Sarin, FINES FINES Array B.

DHMR 16 02:38:53.4.2.4, 12.03N:43.94E, h14km, 31km, ML4.1
IDC 16 02:38:58.1.16.0, 12.06N:44.34E, h0km, mb3.7/4, mb1.3/7.4, mb1mx3.4/2.7, mbmtmp3.7/4, Error ellipse: s-maj=330.8km s-min=57.4km az=22.0

ISC 16 02:38:58.6.1.6, 12.22N:0.1:44.18E.0.08, h4km, n9, o#135/14, mb3.9/4, 1D, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ADEN Aden, UDYN AI Udayn, LBOS, BDHA AI Bayda', HAJJ Hajjah, BRTR Keskin Array B, MKAR Makanchi Array, ZALV Zalesovo Beam, SONM Songo Array.

ISK 16 02:39:33.8.37.04N:30.41E, h11km, MD2.8
DDA 16 02:39:33.9.36.98N:30.67E, h7km, MD2.9
ISCJB 16 02:39:35.7.0.6, 37.06N:0.03:30.64E.0.04, h4km, 6km, Error ellipse: s-maj=6.0km s-min=5.0km az=175.9
CSEM 16 02:39:35.7.0.2, 37.08N:30.63E, h5km, MD2.8, Error ellipse: s-maj=5.9km s-min=5.1km az=104.0

ISC 16 02:39:35.7.1.1, 37.09N:0.03:30.64E.0.03, h5km, 10km, n21, o#124/36, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANTB Antalya, KORT Korkuelli, KORT Korkuelli, BCK Bucak, SUTC Sutluce-Ispart, SUTC Sutluce-Ispart, ISP Isparta, GOLH Golhisar, GOLH Golhisar, BAGO Egridir - ISPA, AKAS Kas, AKAS Kas, KHAL Karahalli, KHAL Karahalli, KHAL Karahalli, KHAL Karahalli, KONT Konya--Tatoy, KONT Konya--Tatoy, ERMK Ermenek, ERMK Ermenek.

RSNC 16 02:40:03.0.8.3, 31N:74.47W, h8km, 10km, ML1.6, Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJAC San Juan de Ar, VILC Villavicencio, VILC Villavicencio, CHIC Chingaza, CHIC Chingaza, TOLC Tolima, TOLC Tolima.

ISCJB 16 02:44:04.2.1.5, 32.32S:0.09:179.4E.0.3, h500km, mb3.4/2, Error ellipse: s-maj=29.7km s-min=11.8km az=173.3

IDC 16 02:44:04.8.6.8, 32.32S:179.40E, h495km, 91km, mb2.8/2, mb1.3/0.2, mb1mx2.8/1.9, mbmtmp3.8/2, Error ellipse: s-maj=114.7km s-min=37.3km az=5.0

ISC 16 02:44:05.2.1.3, 32.45S:0.1:179.4E.0.3, h500km, n15, o#1914/22, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ Matakoaka Point, WMGZ Waiomatatini S, HAZ Te Kaha, PKGZ Pakihira, PUZ Puketiti, MWZ Matawai, URZ Urewera, URZ, CNZG Carnagh Statio, RIGZ Rimuhau, KNZ Kokohu, MRZ Mangatainoka R, STKA Stephens Creek, WRA Warrungarra Arr, FINES FINES Array B.

DHMR 16 02:46:23.8.2.0, 12.11N:43.95E, h9km, 24km, ML4.3
IDC 16 02:46:25.7.2.0, 11.79N:44.05E, h0km, mb3.7/7, mb1.3/8.7, mb1mx3.5/2.6, mbmtmp3.7/7, MS3.5/9, Ms1.3/5.9, ms1mx3.3/3.2, Error ellipse: s-maj=52.6km s-min=27.3km az=173.0

ISC 16 02:46:29.1.2.0, 12.22N:0.07:44.21E.0.07, h4km, 12km, n20, o#135/19, mb3.8/7, MS3.5/8, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ADEN Aden, UDYN AI Udayn, LBOS, BDHA AI Bayda', DHBB Dhamar BB, HAJJ Hajjah, FURI Furi, KMBO Kilima Mbogo, GEYT Alibeck, BRTR Keskin Array B, BRTR, KBZ Khabaz, TORD Torodir Ar. Bea, BOSA Boshof, BVAR Borovoye Array, MKAR Makanchi Array, MKAR, ZALV Zalesovo Beam, ZALV, CMAR Chiang Mai Arr, NOA NORPAR Array B, SONM Songo Array, NRIC Norik'sk.

DHMR 16 02:49:56.6.1.7, 11.93N:44.07E, h15km, 15km, ML3.7, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ADEN Aden, UDYN AI Udayn, UDYN AI Udayn, BDHA AI Bayda', HAJJ Hajjah, HAJJ Hajjah.

ISCJB 16 02:58:08.7.0.5, 38.39N:0.03:30.96E.0.04, h7km, 4km, Error ellipse: s-maj=4.7km s-min=4.2km az=8.4
CSEM 16 02:58:08.7.0.2, 38.40N:30.96E, h10km, MD2.6, Error ellipse: s-maj=4.1km s-min=4.0km az=30.0
DDA 16 02:58:08.3.38.41N:30.94E, h7km, MD2.6
ISK 16 02:58:08.2.38.42N:30.96E, h12km, MD2.8
ISC 16 02:58:08.8.0.9, 38.41N:30.02:30.96E.0.02, h13km, 8km, n29, o#444/8, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOLV Bolvadin, BOLV Bolvadin, SHUT Suhut-Afyon, SHUT Suhut-Afyon, BAGO Egridir - ISPA, ISP Isparta, ISP Isparta, KDHN Kadinhani, KDHN Kadinhani, KDHN Kadinhani, SUTC Sutluce-Ispart, SUTC Sutluce-Ispart, BCK Bucak, BCK Bucak, ESKT Eskisehir, ESKT Eskisehir.

Table with columns: SEVT, Station Name, Azimuth, Phase, Time, Res. Includes stations like Eskeypehr, Ladik-KONYA, Karahalli, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like San Juan de Ar, Villavicencio, Chingaza, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Shikotan, Kuril'sk, etc.

IDC 16 03:04:02.7±1.2, 27.12N:143.57E, h0km, mb3.6/5, mb1 3.9/6, mb1mx3.6/31, mbmtmp3.7/6, ML3.8/1, MS3.9/1, Ms1 3.9/1, ms1mx2.7/45, Error ellipse: s-maj=3.8/13km, s-min=25.9km az=94.0, Bonin Islands region

IDC 16 03:30:56.8±1.2, 20.7S:02.169N:0.2, h31km, n31, ±0.912/17, mb4.2/10, MS3.7/6, Vanuatu Islands

IDC 16 03:35:44.6±0.7, 44.09N:0.04:147.86E:0.05, h88km, 5km, n234, ±1925/258, mb4.5/86, 9C-24D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Matsushiro Arr, Songoing Array, Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Mont Dzumac, HNR, URZ, AFI, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Shikotan, Kuril'sk, etc.

DHMR 16 03:09:01.7±1.9, 12.09N:43.95E, h10km, 23km, ML4.3, ISCJB 16 03:09:02.4±0.7, 12.02N:0.06:44.01E:0.05, h4km, mb3.7/6, Error ellipse: s-maj=9.9km s-min=5.0km az=137.0

IDC 16 03:09:03.3±1.5, 11.77N:44.03E, h0km, mb3.6/5, mb1 3.6/5, mb1mx3.4/28, mbmtmp3.6/5, Error ellipse: s-maj=5.12km s-min=3.9km az=161.0

IDC 16 03:09:04.5±1.0, 12.02N:0.1:43.97E:0.10, h4km, n13, ±112/12, mb3.8/6, Ethiopia

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Arta Tunnel, ADEN, UDYN, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like FITZ, SOEI, MMRI, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Kuril'sk, Yuzh-Kuril'sk, etc.

DHMR 16 03:11:02.0±2.2, 12.05N:43.95E, h14km, 134km, ML4.0, ISCJB 16 03:11:03.2±0.9, 12.05N:0.08:43.98E:0.07, h4km, mb3.5/4, MS4.1/1, Error ellipse: s-maj=14.5km s-min=5.5km az=142.9

IDC 16 03:11:04.6±2.0, 12.01N:43.86E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.4/29, mbmtmp3.7/4, MS3.4/2, Ms1 3.4/2, ms1mx2.7/46, Error ellipse: s-maj=55.1km s-min=17.9km az=145.0

IDC 16 03:32:59.6±2.5, 12.01N:43.95E, h14km, 22km, ML4.2, IDC 16 03:33:01.6±7.5, 11.82N:43.79E, h0km, mb3.6/6, mb1 3.7/6, mb1mx3.4/50, mbmtmp3.6/6, MS3.3/4, Ms1 3.3/4, ms1mx2.9/37, Error ellipse: s-maj=158.3km s-min=42.7km az=34.0

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Arta Tunnel, ADEN, UDYN, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like ADEN, UDYN, LBOS, etc.

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

IDC 16 03:21:42.1±1.3, 9.32S:120.89E, h0km, mb3.8/5, mb1 3.8/6, mb1mx3.6/40, mbmtmp3.7/6, ML3.5/1, Error ellipse: s-maj=105.6km s-min=3.6km az=55.0, Sumba region

NIED 16 03:35:00.43:90N:148.00E, h74km, Mw4.2 Best double couple: M=2.24000e+1015 NP1=161.00000e+860.00000e+19.00000e-06 NP2=61.00000e+874.00000e+148.00000e-06

IDC 16 03:35:42.2±3.4, 15N:147.86E, h67km, 20km, mb4.1/29, mb1 4.3/4, mb1mx4.1/62, mbmtmp4.4/34, MS3.3/2, Ms1 3.3/2, ms1mx2.7/44, Error ellipse: s-maj=17.2km s-min=10.5km az=163.0

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

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

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

RSNC 16 03:22:16.4±0.5, 3.51N:74.16W, h21km, ±11km, ML1.3, Colombia

JMA Feit II J1, SKHL Feit (I) at Yuzhno-Kuril'sk

USRK Ussuriysk Arr, 11.41 276 P Pn 03 38 22.6 -1.8

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MA2 Magadan, CN2 Changchun, BMKR Bonnack, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KURK Kurchatov, KURB Kurchatov, INK Kurchatov, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BRTR, GOPC, PRU, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, N2J, pmax, pmax. Includes stations like TXAR Lajitas Array, NVAR Mina Array, PDAR Pinedale Array, etc.

NEIC 16 06:28:52.4, 17:10N, 101:21W, h25km, MD4.0(MEX), After MEX.

MEX 16 06:28:52.4, 17:10N, 101:21W, h25km, 18km, MD4.0, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, N2J, pmax, pmax. Includes stations like ZIIG Zihuatanejo, CAIG El Cayaco, MEIG Mezcala, etc.

JMA 16 06:30:25.6, 0.1, 27.02N, 129.94E, h51km, M3.7, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, N2J, pmax, pmax. Includes stations like JTK Tokunoshima, JOKE Okinoerabujima, etc.

BJI 16 06:39:14.9, 27.24N, 143:11E, h7km, mb4.7/2, mB5.0/30, Ms4.8/17, Ms7.4/5/17

IDC 16 06:39:15.4, 0.5, 27.41N, 143:28E, h0km, mb4.3/27, mb1.4/5/30, mb1mx4.4/51, mbtmp4.3/30, ML3.9/3, MS3.4/7, Ms1.3/47, ms1mx3.1/34, Error ellipse: s-maj=14.8km s-min=1.4km az=164.0

NEIC 16 06:39:17.1, 0.2, 27.38N, 143:28E, h10km, mb4.8/17, Error ellipse: s-maj=5.1km s-min=4.2km az=183.0

MOS 16 06:39:18.2, 1.0, 27.32N, 143:30E, h30km, mb4.7/32, Error ellipse: s-maj=14.9km s-min=8.1km az=116.5

ISCJB 16 06:39:20.0, 0.3, 27.61N, 143:143E, h0.04, h33km, mb4.6/61, MS3.5/9, Error ellipse: s-maj=5.6km s-min=3.8km az=41.8

JMA 16 06:39:19.9, 0.1, 27.49N, 143:04E, h83km, M4.5, ISC 16 06:39:21.0, 0.5, 27.45N, 0.06, 143:33E, 0.05, h35km, n133, 0.1599/152, mb4.6/61, MS3.6/9, 7C-5D, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, N2J, pmax, pmax. Includes stations like CBJ Chichi jima, HJH Haha-jima-NKT, HJH Hachiojimakas, etc.

Table with columns: N2J, pmax, pmax. Includes stations like CN2 Changchun, BJI Beijing, BJI Beijing, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, N2J, pmax, pmax. Includes stations like MAK Makanchi, KOLN Koldana, NRIK Kurchatov, etc.

DDA 16 06:43:57.5, 37:76N, 27:08E, h7km, Md2.6, ISCJB 16 06:43:58.4, 0.2, 37:77N, 27:09E, h2km, MD2.6, Error ellipse: s-maj=5.5km s-min=3.8km az=48.0, CSEM 16 06:43:58.4, 0.2, 37:77N, 27:09E, h2km, MD2.6, Error ellipse: s-maj=5.5km s-min=3.8km az=48.0, THE 16 06:43:59.5, 37:57N, 27:17E, h7km, 2km, ML2.4/2, Error ellipse: s-maj=3.3km s-min=0.7km az=57.0, ISC 16 06:43:58.2, 0.9, 37.79N, 104:27.12E, 0.03, h8km, 8km, n19, 0.065/34, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like UJYN, LBOS, BDHA, DHBB, JMA 16:07:09:42.5, 27.67N:143.14E, h47km, 3km, M4.3, Bonin Islands region.

ISC/JB 16:07:54.5:0.8, 27.7:44N:0.10:143.35E:0.08, h10km, mb3.8/12, Error ellipse: s-maj=15.4km s-min=9.1km az=152.4

IDC 16:07:54.5:0.8, 27.39N:143.40E, h0km, mb3.8/12, mb1.4/0.15, mb1mx3.9/48, mbtmp3.8/15, ML3.0/3, Error ellipse: s-maj=20.7km s-min=18.6km az=180.0

ISC 16:07:15:55.6:0.8, 27.41N:0.1:143.35E:0.09, h10km, n19, r1508/13, mb3.8/12, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CJJ, JCH, MJAR, KSR, USRK, SONM, WRA, ZALV, MKAR, KURBB, ILAR, BVAR, YKA, FINES, NVAR, PDAR, TXAR, HOSBI, LPAZ, PLCA.

IDC 16:07:23:44.7:2.3, 54.14N:86.29E, h0km, mb1.3/1/3, mb1mx2.9/35, mbtmp3.1/3, ML2.9/3, Error ellipse: s-maj=19.3km s-min=11.8km az=63.0, Southwest Siberia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H46RU, ZALV, ZALV, ZALV, KURBB, MKAR, BVAR.

IDC 16:07:25:44.9:0.4, 4.87S:154.01E, h108km, 67km, mb3.5/2, mb1.3/8/3, mb1mx3.6/34, mbtmp3.1/3, Error ellipse: s-maj=79.0km s-min=59.7km az=104.0, Bougainville-Solomon Islands region

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

IDC 16:07:36:39.2:1.1, 26.81N:141.46E, h0km, mb3.8/6, mb1.3/9/6, mb1mx3.6/34, mbtmp3.8/6, Error ellipse: s-maj=27.9km s-min=15.9km az=171.0, Bonin Islands region

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

IDC 16:07:52:48.9:0.7, 46.76N:112.23W, h0km, mb3.2/1, mb1.3/6/9, mb1mx3.4/50, mbtmp3.3/9, ML3.4/7, Error ellipse: s-maj=9.6km s-min=7.5km az=55.0

ISC/JB 16:07:52:49.3:0.4, 46.77N:0.02:112.29W:0.03, h0km, mb3.1/1, Error ellipse: s-maj=3.7km s-min=2.4km az=44.7

NEIC 16:07:52:50.0, 46.79N:112.18W, h15km, ML3.7(BUT), After BUT. NEIC Felt [III] at Helena and Canyon Creek and [II] at Clancy and East Helena. Also felt at Billings, Missoula, White Sulphur Springs and Wolf Creek. A sinkhole opened to an old mining stope on Mount Belmont and a haystack collapsed near Sieben.

ISC 16:07:52:48.6:0.6, 46.80N:0.03:112.20W:0.03, h0km, n81, r1564/9, Montana

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HRY, LCCM, LRM, LRM, LRM, MSO, BOZ, SWMT, DLMT, DLMT, DLMT, BOZEMAN PASS, BARTON GULCH, JETTE, EARTHQUAKE LAK, BASSOO PEAK, EAGLETON, TELEPEEK, MAMMOTH VAULT, MAPLE CREEK, MONIDA, MADISON RIVER, PURPLE MOUNTAIN, NORRIS JUNCTION, JOSEPH'S COAT, MARY LAKE, MIRROR LAKE, OLD FAITHFUL, WATERTON LAKES, LAKE, RED LODGE, MOOSE CREEK, PROMONTORY, MOOSE PONDS, LONG HOLLOW, SNOW KING MOUN, RED TOP MEADOW, BEACH RANCH, HAILEY, NEWPORT, WOLLMAN FARM, HANSEL VALLEY, HANFORD, COLVILLE RESER, HARDWARE RANCH, LIBERTY, SUNNYSIDE, ENTIAI, CIRCLE BAR RAN, DAGMAR, LIBERTY, BIG GRASSY MOU, BLACK HILLS, WILD HORSE VAL, ELKO, DUGWAY, TOOELE, NORTH LILY MIN, DUGOUT COAL MI, WHITE RIVER CR, PRESTON NUTTER, PILOT HILL, BATTLE MOUNTAIN, MODOC PLATEAU, SAN RAFAEL SWE, PARADOX VALLEY, YREKA BLUE HOR, MINA ARRAY BEA, 4UR RAN, CRE, FLIN FLIN, AGMAG ASSAZIS NATION, SAINT HELENA R, LAC DU BONNET, MARINE ON ST, CANEBRAKE, YELLOWKNIFE AR, LAJITAS ARRAY, EIELSON ARRAY.

ISC/JB 16:07:53:56.9:0.7, 20.185S:0.04:69.0W:0.1, h13km, 10km, mb3.6/2, Error ellipse: s-maj=18.8km s-min=6.5km az=171.3

GUC 16:07:53:56.9:0.4, 20.20S:69.07W, h11km, 4km, ML3.7

IDC 16:07:53:58.1:0.1, 20.29S:68.61W, h13km, 12km, mb3.5/2, mb1.3/6/6, mb1mx3.3/34, mbtmp3.8/6, Error ellipse: s-maj=25.4km s-min=2.7km az=100.0

ISC 16:07:53:56.9:0.8, 20.20S:0.04:68.66W:0.08, h96km, 11km, n19, r2506/22, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HMBC, HMBC, HMBC, PB01, PB01, PSGC, PSGC, PSGC, PB07, PB07, PB07, PB13, PB13, LVC, LVC, LVC, LPAZ, LPAZ, LPAZ, SIV, SIV, CPUP, CPUP, TORD, TORD, YKA, YKA, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1.

ISC/JB 16:08:09:19.5:0.6, 14.93S:0.07:71.84W:0.08, h133km, mb3.6/5, Error ellipse: s-maj=13.1km s-min=6.7km az=44.6

IDC 16:08:09:20.6:1.9, 14.83S:71.72W, h114km, 18km, mb3.3/4, mb1.3/5/10, mb1mx3.4/30, mbtmp3.8/10, MS3.0/1, Ms1 3.0/1, ms1mx2.4/29, Error ellipse: s-maj=25.0km s-min=18.1km az=24.0

ISC 16:08:09:21.5:0.6, 14.36S:0.09:71.82W:0.09, h133km, n17, r1565/13, mb3.3/3, Central Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LPAZ, NNA, NNA, LVC, LVC, ATAH, SIV, CPUP, PDAR, ULM, PPT, YORD, YKA, WRA, ZALV, MJAR, SONM, KSR.

IDC 16:08:19:24.8:0.1, 17.06S:179.02W, h567km, 95km, mb2.8/5, mb1.3/2/5, mb1mx2.9/38, mbtmp3.7/5, Error ellipse: s-maj=85.8km s-min=36.3km az=154.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STKA, WARRAMUNGA ARR, ILAR, TXAR, PDAR, MKAR, BRTR, GERES, DAVOX.

RSNC 16:08:27:56.6:1.1, 4.74N:73.56W, h13km, 7km, ML1.5, Colombia

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

ISC/JB 16:08:33:16.8:0.3, 17.19N:0.06:246.48W:0.05, h10km, mb4.3/51, MS4.0/24, Error ellipse: s-maj=8.9km s-min=7.0km az=175.9

IDC 16:08:33:16.7:0.5, 17.11N:26.51W, h2km, mb4.2/29, mb1.4/3/29, mb1mx4.2/29, mbtmp4.2/29, MS4.0/24, Ms1 4.0/24, ms1mx3.9/34, Error ellipse: s-maj=14.2km s-min=12.1km az=9.0

CSEM 16:08:33:17.5:0.2, 17.24N:26.49W, h2km, mb4.8/20, Error ellipse: s-maj=11.6km s-min=8.4km az=162.0

NEIC 16:08:33:18.5:0.3, 17.14N:26.53W, h10km, mb4.8/20, Error

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like NEW Newport, WALA Waterton Lakes, FINES FINES Array B, etc.

ISCJB 16 10:01:52.1±0.8, 43.3°N, 0°03:44.66E±0.05, h5km, 5km, mb3.5/1, Error ellipse: s-maj=6.6km s-min=4.5km az=164.4

CSEM 16 10:01:53.0±0.4, 43.84N, 44.56E, h2km, mb3.7, Error ellipse: s-maj=7.4km s-min=5.9km az=65.0

MOS 16 10:01:53.3±1.3, 43.81N, 44.63E, h15km, mb3.7/1, Error ellipse: s-maj=10.5km s-min=6.2km az=67.6

ISC 16 10:01:54.0±1.1, 43.80N, 0°03:44.57E±0.03, h7km±8km, mb3.8, 0580/63, 8C-2D, Western Caucasus

Main station list table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TRKR Terskaya, PRTR Prirechnaya, BTAK Batakoyurt, etc.

ISC 16 10:13:49.6±2.1, 54.25N, 86.26E, h0km, mb1.3, 4/3, mb1mx3.4/3, mbtmp3.4/3, ML3.2, 2C-4D, Error ellipse: s-maj=17.3km s-min=11.0km az=59.0, Southwestern Siberia

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

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

ISC 16 10:15:34.0±1.6, 16.1°30'S, 172.95W, h0km, mb3.7/6, mb1.4/0.6, mb1mx3.8/35, mbtmp3.7/6, Error ellipse: s-maj=70.2km s-min=24.8km az=150.0

ISCJB 16 10:15:38.4±1.3, 15.75°S, 0°3:173.2W±0.3, h32km, mb3.6/6, Error ellipse: s-maj=57.7km s-min=10.8km az=139.8

ISC 16 10:15:40.0±1.5, 15.85°S, 0°3:173.1W±0.3, h32km, n8, 1562/9, mb3.6/6, Tonga Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like AFI Afiamalu, AFI, WRA Warrungu Arr, ASAR Alice Springs, etc.

NIED 16 10:27:00.24±60N, 127.60E, h5km, Mw4.7 Best double couple: M1.29000±0.116 NP1±63.00000±0.18.00000±0.1-80.00000±0.2 NP2±232.00000±0.62.00000±0.1-93.00000±0.1

BUL 16 10:27:54.5, 24.40N, 127.64E, h11km, mb4.6/6, MB5.0/47, Ms4.6/62, Ms7.4/4/59

ISC 16 10:27:54.2±0.5, 24.40N, 127.74E, h0km, mb4.5/26, mb1.4/5/29, mb1mx4.5/40, mbtmp4.4/29, ML4.0/3, MS3.9/29, Ms1.3/9/29, ms1mx3.7/44, Error ellipse: s-maj=16.4km s-min=12.4km az=81.0

NEIC 16 10:27:58.2±0.2, 24.43N, 127.62E, h10km, mb4.9/50, Error ellipse: s-maj=25.6km s-min=14.4km az=133.0

JMA 16 10:27:57.3±0.3, 24.55N, 127.65E, h56km, M4.8

MOS 16 10:27:58.4±1.6, 24.39N, 127.67E, h33km, mb5.0/41, Error ellipse: s-maj=10.8km s-min=5.6km az=113.7

ISCJB 16 10:27:58.3±0.2, 24.52N, 0°02:127.59E±0.02, h33km, mb4.8/105, MS4.1/37, Error ellipse: s-maj=3.5km s-min=2.6km az=146.2

ISC 16 10:27:58.3±0.7, 24.47N, 0°04:127.65E±0.03, h23km±4km, n272, 220/305, mb4.9/109, MS4.1/38, 19C-20D, Southeast of Ryukyu Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like JJT2 Tamagusuku 2, JKE Kamejima 2, JOGS Gusukube, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like DL2, ENH Enshi, QIZ Qiongzong, DAV Davao City, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOA Mollin, ABTA Abfallersbach, BSMT Bassos Peak, etc.

ISCJB 16 10:35:13.9-0.6, 26.76N, 144.00E, h0km, mb3.9/17, Error ellipse: s-maj=16.7km s-min=11.8km az=168.3

IDC 16 10:35:14.1-0.9, 26.72N, 144.00E, h0km, mb3.8/13, mb1.4/0.15, mb1mx3.8/5.6, mbtmp3.8/15, ML2.9/2, Error ellipse: s-maj=28.3km s-min=19.3km az=78.0

NEIC 16 10:35:15.9-0.5, 26.79N, 143.96E, h10km, mb4.3/4, Error ellipse: s-maj=13.8km s-min=8.4km az=79.0

ISC 16 10:35:16.1-0.8, 26.91N, 143.92E, h10km, n21, -0.86E/21, mb4.1/17, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJI Chichi jima, MJAR Matsushiro Arr, USRK USSuriysk Arr, etc.

IDC 16 10:36:53.4-7.7, 27.03N, 145.23E, h0km, mb3.6/6, mb1.3/7.7, mb1mx3.5/7, mbtmp3.6/7, ML3.2/1, MS3.1/1, Ms1.3/1.1, ms1mx2.4/3.9, Error ellipse: s-maj=29.71km s-min=20.8km az=74.0, North Pacific Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, ASAJ Asahikawa, SONR Songo Arr, etc.

IDC 16 10:54:18.4-4.0, 24.17N, 127.18E, h0km, mb3.7/6, mb1.3/8.6, mb1mx3.5/4.3, mbtmp3.7/6, MS2.3/3, Ms1.3/2.3, ms1mx2.6/4.9, Error ellipse: s-maj=260.7km s-min=19.6km az=65.0

ISCJB 16 10:54:21.2-0.8, 24.57N, 127.57E, h0.05, h4km, mb3.6/6, MS3.7/2, Error ellipse: s-maj=8.5km s-min=4.5km az=136.2

JMA 16 10:54:21.1-0.4, 24.57N, 127.60E, h56km, M3.1, ISC 16 10:54:22.5-1.2, 24.56N, 127.59E, h0.07, h47km, n19, -0.154/23, mb3.7/6, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYT2 Tamagusuku 2, JKT2 Kume jima 2, JKE Kume jima 1, etc.

IDC 16 11:02:09.8-0.8, 10.03N, 126.17E, h0km, mb4.0/13, mb1.4/1.13, mb1mx4.0/3.5, mbtmp3.9/13, MS3.3/4, Ms1.3/3.4, ms1mx2.9/4.2, Error ellipse: s-maj=48.4km s-min=16.3km az=66.0

MAN 16 11:02:14.9, 9.97N, 126.36E, h14km, mb4.8, ML3.7, MS3.7, NEIC 16 11:02:15.3-0.4, 10.00N, 126.17E, h35km, mb4.4/6, Error ellipse: s-maj=25.4km s-min=8.4km az=70.0

ISC 16 11:02:12.5-2.0, 10.02N, 126.38E, h0.07, h15km, n21, -0.146/23, mb4.1/19, MS3.5/3, 1C-7D, Philippine islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, SCPH Butuan, MSLP Maasin, etc.

CMAR Chiang Mai Arr 27.85 21 P 11 08 00.5 -1.3

MJAR Matsushiro Arr 28.50 20 LR 11 17 47.3

WRA Warramunga Arr 30.78 165 P 11 08 28.4 +0.6

ANR Alice Springs 34.27 168 P 11 08 58.3 0.0

HNR Honiara 38.59 119 LR 11 26 52.0

H1S3 WAKE ISLAND Hy 39.89 73 T 11 52 40.2

H1S1 WAKE ISLAND Hy 39.91 73 T 11 52 41.3

H1S2 WAKE ISLAND Hy 39.91 73 T 11 52 45.0

H1N1 WAKE ISLAND Hy 40.24 71 T 11 53 10.3

H1N2 WAKE ISLAND Hy 40.24 71 T 11 53 04.5

H1N3 WAKE ISLAND Hy 40.25 71 T 11 53 10.5

ULN Ulanbator 41.10 340 P 11 09 56.6 +0.7

SONM Songo Arr 41.29 340 P 11 09 57.2 -0.3

NWAO Narogino (SRO) 43.58 191 eP 11 10 16.9 +0.7

STKA Stephens Creek 44.13 161 P 11 10 20.7 +0.2

TLY Talay 45.51 340 P 11 10 32.3 +0.9

MJAR Machiichi Arr 52.29 323 P 11 11 23.0 -0.6

ZALV Zalesovo Beam 54.30 319 P 11 11 40.4 -2.1

KURK Kurchatov Arr 54.36 326 eP 11 11 51.6 -1.2

KKAR Karatay Arr 58.50 315 eP 11 12 06.7 -1.6

ARU Art 69.50 327 eP 11 13 18.9 -1.4

ARCES ARCESS Arr B 84.77 340 P 11 14 43.4 -1.0

BRTR Keskin Arr B 86.97 309 P 11 14 50.1 -1.7

FINES Fines Arr B 86.16 332 P 11 14 52.1 -0.9

AKASE Malin Arr B 86.83 321 P 11 14 54.6 -1.9

YKA Yellowknife Arr 93.94 24 P 11 15 30.3 +0.7

GERES GERESS Arr B 96.96 327 P 11 15 42.4 -1.3

TORD Torodi Arr 120.46 292 PKP 11 21 03.0 -1.5

TORD Torodi Arr 120.46 292 PKP 11 21 03.0 -1.5

ISCJB 16 11:08:13.3-0.7, 27.23N, 143.67E, h0.06, h10km, mb3.6/11, Error ellipse: s-maj=10.6km s-min=6.0km az=148.2

IDC 16 11:08:13.2-0.8, 27.03N, 143.69E, h0km, mb3.6/11, mb1.3/9.14, mb1mx3.8/3.5, mbtmp3.6/14, ML3.0/3, Error ellipse: s-maj=18.9km s-min=18.2km az=113.0

JMA 16 11:08:14.9-0.6, 27.39N, 143.49E, h0km, M3.4, ISC 16 11:08:14.8-0.8, 27.11N, 143.61E, h0.07, h10km, n22, -0.151/24, mb3.6/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJI Chichi jima, CBJI Chichijima, etc.

KBJS Korea Arr 16.78 312 Pn 11 08 38.6 -0.2

KBJS Korea Arr 16.78 312 Pn 11 08 37.4 -1.2

KBJS Korea Arr 16.78 312 Pn 11 08 37.4 -1.2

ellipse: s-maj=11.5km s-min=9.4km az=70.0

ISC 16 11:08:48.6-0.8, 26.8N, 141.144, 03E, h10km, n18, -0.093/18, mb4.0/13, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJI Chichi jima, MJAR Matsushiro Arr, KSRS Korea Arr, etc.

NIED 16 11:14:00.34, 40N, 142.10E, h8km, Mw4.2, Best double couple: M1.93000, 1015; NP1.29300, 0000; 848, 0000; 141, 0000; NP2.0357, 0000; 862, 0000; 150, 0000

JMA 16 11:14:05.4-0.3, 34.40N, 142.06E, h14km, M4.2, IDC 16 11:14:05.1-0.6, 34.45N, 141.75E, h0km, mb4.0/20, mb1.4/2.25, mb1mx3.1/4.7, mbtmp4.0/25, ML3.7/4, MS3.4/7, Ms1.3/4.7, ms1mx3.0/4.3, Error ellipse: s-maj=15.9km s-min=13.8km az=131.0

MOS 16 11:14:08.1-1.1, 34.40N, 141.73E, h33km, mb4.3/18, Error ellipse: s-maj=14.9km s-min=8.7km az=119.5

ISCJB 16 11:14:09.2-0.6, 34.45N, 141.70E, h0.04, h36km, 5km, mb4.4/5.0, MS3.5/8, Error ellipse: s-maj=5.9km

BJI 16 11:14:10.1-1.1, 34.51N, 141.67E, h39km, mb4.5/30, MB5.0/23, Ms4.6/17, Ms7.4/5/15

NEIC 16 11:14:12.3-0.7, 34.45N, 141.64E, h46km, 6km, mb5.0/20, Error ellipse: s-maj=6.4km s-min=5.4km az=122.0

ISC 16 11:14:11.4-0.6, 34.45N, 141.76E, h0.06, h40km, 5km, n113, -0.182/24, mb4.5/51, MS3.7/9, 4C-2D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSO1 Boso 1, BSO2 Boso 2, BSO3 Boso 3, etc.

ISCJB 16 11:27:12.4-0.6, 24.57N, 127.60E, h56km, M3.1, ISC 16 11:27:12.4-0.6, 24.56N, 127.59E, h0.07, h47km, n19, -0.154/23, mb3.7/6, Southeast of Ryukyu Islands

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

Table of astronomical observations for 16d 11h, listing station names, coordinates, and observation details.

Table of astronomical observations for 16d 11h, listing station names, coordinates, and observation details.

Table of astronomical observations for 16d 11h, listing station names, coordinates, and observation details.

Table with columns: CD2, Chengdu, 25.47 271 P P, 11 38 48.8 -0.7, etc. Includes stations like WAKE ISLAND, CHIANG MAI ARR, and various regional stations.

Table with columns: KBZ, Khabaz, 68.02 309 P P, 11 44 20.2 0.0, etc. Includes stations like WARRAMUNGA, KIDAPAWAN, and various regional stations.

Table with columns: ASAJ, Asahikawa, 16.71 358 ePn Pn, 11 53 48.1 -1.7, etc. Includes stations like VLA, USRK, YSS, and various regional stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ULN Ulaanbaatar, SONAT Songino Array, and FITZ Fitzroy Crossi.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like FITZ Fitzroy Crossi, TNA Tin City, PSI Prapat, and many others.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like EGAK Eagle, KKAR Karatay Array, and many others.

FIA1	FINES Array S	78.12 334	eP	P	12 01 56.0 +1.7
FINES	FINES Array B	78.12 334	P	P	12 01 54.0 -0.3
FINES	FINES Array C	78.12 334	P	P	12 01 56.7 +2.4
FINES	FINES Array D	78.12 334	P	P	12 01 56.7 +2.4
SWMT	Swartz Lake	78.26 42	eP	P	12 01 55.6 +0.1
CMB	Columbia Colle	78.28 53	eP	P	12 01 55.7 -0.1
KBZ	Khabaz	78.53 313	P	P	12 01 57.4 +0.5
KBZ	comp-Z, 1.72nm, 18.2s, baz=60, slow=39		LR	LR	12 41 06.7
KIV	Kislovodsk	78.56 314	eP	P	12 01 58.8 +1.5
KIV	comp-Z, 1.6nm, 1.0s		MLR	MLR	
MSO	Missoula	78.61 43	P	P	12 01 57.1 -0.4
MSO	Missoula	78.61 43	eP	P	12 01 57.5 0.0
NEY	Neyrino	78.86 313	P	P	12 02 00.9 +1.9
GNI	Garni	78.89 309	eP	P	12 01 59.1 -0.2
PPT	Papeete	78.92 116	LR	LR	12 30 01.9
PPT2	Papeete2	78.93 116	eLR	LR	12 26 14.4
MFO	Camas Ranch	79.00 47	eP	P	12 02 00.1 +0.3
BMN	Battle Mountain	79.43 50	eP	P	12 02 02.9 +0.8
PTMR	Twissman Ran	79.44 55	eP	P	12 02 02.0 -0.1
MLAC	Mammoth, Mammo	79.56 53	P	P	12 02 03.3 +0.2
NV01	Mina Array Sit	79.58 52	eP	P	12 02 03.3 +0.2
NVAR	Mina Array Bea	79.58 52	P	P	12 02 03.1 0.0
NVAR	comp-Z, 8.5nm, 1.0s, baz=274, slow=5.5, SNR=28		LR	LR	12 29 28.3
VSU	Vasula	79.61 331	P	P	12 02 03.1 +0.5
NV11	Mina Array Sit	79.68 52	eP	P	12 02 03.8 +0.2
HLID	Hailey	79.84 46	P	P	12 02 04.3 -0.1
HLID	Hailey	79.84 46	eP	P	12 02 04.8 +0.3
RCTC	Reactor, Farmer	79.85 54	P	P	12 02 04.3 0.0
MTUM	Tungsten Hills	79.87 53	eP	P	12 02 05.2 +0.5
HRV	Holter Researc	79.94 42	eP	P	12 02 05.3 +0.5
LRM	Limekiln Ridge	80.00 43	eP	P	12 02 05.6 +0.3
PKM	Mcperson Peak	80.06 56	P	P	12 02 05.1 -0.6
DLMT	Dillon	80.16 44	eP	P	12 02 06.2 +0.3
VES	Vestal, Richgr	80.17 55	P	P	12 02 05.6 -0.5
SUMG	Summit	80.30 1	iP	P	12 02 07.4 +0.8
SUMG	Summit	80.30 1	iP	P	12 02 07.4 +0.8
SUMG	Summit	80.30 1	eP	P	12 02 06.8 +0.2
EGMT	Eagleton	80.51 41	eP	P	12 02 07.5 -0.3
EGMT	Eagleton	80.51 41	eP	P	12 02 08.2 +0.4
SCZ2	Santa Cruz Isl	80.59 57	P	P	12 02 07.8 -0.6
ELK	Elko	80.62 49	eP	P	12 02 07.6 -1.1
ELK	Elko	80.62 49	eP	P	12 02 09.5 +0.7
SOC	Sochi	80.63 314	eP	P	12 02 09.0 +0.6
SOC	Sochi	80.63 314	eP	P	12 02 08.5 +0.5
SOC	Sochi	80.63 314	eP	P	12 02 17.4 +2.4
SOC	Sochi	80.63 314	eP	P	12 02 17.5 -1.5
ARVC	Arvin	80.68 55	P	P	12 02 08.6 -0.2
ISA	Isabella, Lake	80.70 55	P	P	12 02 08.4 -0.6
ISA	Isabella, Lake	80.70 55	eP	P	12 02 08.8 -0.2
GRAC	Grapevine Rang	80.88 53	P	P	12 02 09.9 0.0
BLG	Laguna Peak, P	80.97 56	P	P	12 02 09.9 -0.5
FFC	Flin Flin	80.98 32	P	P	12 02 10.0 0.0
FFC	Flin Flin	80.98 32	eP	P	12 02 10.1 0.0
DAC	Darwin (Calif)	81.05 54	eP	P	12 02 10.9 -0.1
MPMC	Manual Prospec	81.23 54	P	P	12 02 11.4 -0.6
LRCM	Laurel Mtn Rad	81.35 55	P	P	12 02 12.5 -0.1
EDW2	Edwards Air Fo	81.41 55	P	P	12 02 12.6 -0.2
DECC	Green Verdugo	81.44 56	P	P	12 02 12.8 -0.1
ANN	Anapa	81.47 316	eP	P	12 02 11.3 -1.5
ANN	Anapa	81.47 316	eP	P	12 05 16.7
ANN	Anapa	81.47 316	eP	P	12 12 23.0 -0.5
YMR	Madison River	81.48 44	eP	P	12 02 14.6 +1.4
FURC	Furnace Creek,	81.49 53	P	P	12 02 13.3 +0.2
R11A	Troy Canyon, C	81.51 51	P	P	12 02 12.9 -0.6
R11A	Troy Canyon, C	81.51 51	eP	P	12 02 13.9 +0.5
PASC	Pasadena Art C	81.59 56	eP	P	12 02 13.8 +0.1
YNR	Norris Junctio	81.63 44	eP	P	12 02 16.1 +2.1
MWC	Mount Wilson	81.66 56	eP	P	12 02 14.0 -0.3
YFT	Old Faithful	81.67 44	eP	P	12 02 16.9 +2.7
NACGM	Naroch	81.70 329	eP	P	12 02 14.0 +0.2
TPNV	Topopah Spring	81.70 53	P	P	12 02 14.6 +0.1
TPNV	Topopah Spring	81.70 53	eP	P	12 02 14.4 -0.1
HVU	Hansel Valley	81.76 47	eP	P	12 02 15.6 +0.9
CIS	Catalina Islan	81.78 57	P	P	12 02 14.5 -0.2
H17A	Grant Village	81.86 44	P	P	12 02 17.7 +2.5
H17A	Grant Village	81.86 44	eP	P	12 02 18.0 +2.7
LKWY	Lake	81.88 44	eP	P	12 02 17.0 +1.6
FCC	Fort Churchill	81.92 26	eP	P	12 02 14.6 -0.3
BFC5	Mount Baldy Ra	81.94 56	P	P	12 02 15.2 -0.5
BGU	Big Grassy Mou	82.01 48	eP	P	12 02 16.5 +0.5
GSC	Goldstone, Bar	82.07 54	P	P	12 02 16.2 -0.1
GSC	Goldstone, Bar	82.07 54	eP	P	12 02 16.6 +0.3
MOOV	Moose Ponds	82.08 45	eP	P	12 02 17.0 +0.6
SHOC	Shoshone, Teco	82.17 54	P	P	12 02 16.7 -0.1
REDW	Red Top Meadow	82.20 45	eP	P	12 02 17.7 +0.6
TBI	Tubuai	82.20 121	eLR	LR	12 27 43.5
LOHW	Long Hollow	82.23 45	eP	P	12 02 18.1 +0.9

RLMT	Red Lodge	82.29 43	P	P	12 02 17.8 +0.4
AHID	Alburn Hatcher	82.35 46	eP	P	12 02 18.5 +0.7
BBRC	Big Bear Solar	82.47 55	P	P	12 02 18.2 -0.4
DUG	Dugway, Toeole	82.51 49	P	P	12 02 18.7 +0.1
DUG	Dugway, Toeole	82.51 49	eP	P	12 02 18.9 +0.3
MURC	Murrieta	82.58 56	P	P	12 02 18.5 -0.4
HWUT	Hardware Ranch	82.63 47	eP	P	12 02 19.9 +0.7
HEC	Hector, Ludlow	82.64 55	P	P	12 02 19.1 -0.2
TUQ	Turquoise Moun	82.65 54	P	P	12 02 19.4 0.0
SHPR	Sheep Range	82.68 53	eP	P	12 02 20.3 +0.7
AKAS	Malin Array Be	82.96 324	P	P	12 02 20.1 -0.4
AKAB	Malin Array Si	82.96 324	P	P	12 02 20.2 -0.3
KIEV	Kiev	82.97 324	P	P	12 02 20.2 -0.4
KIEV	Kiev	82.97 324	eP	P	12 02 20.2 -0.4
AKNI	Malin Array Si	83.00 324	eP	P	12 02 20.6 -0.1
NLU	North Lily Min	83.12 49	eP	P	12 02 22.4 +0.5
PFO	Pinyon Flats O	83.12 56	P	P	12 02 21.0 -0.9
PFO	Pinyon Flats O	83.12 56	eP	P	12 02 21.4 -0.5
PFO	Pinyon Flats O	83.12 56	eP	P	12 02 22.1 +0.2
GMRC	Granite Mounta	83.15 54	P	P	12 02 21.6 -0.4
BELC	Belle Mtn. Jos	83.27 55	P	P	12 02 22.1 -0.6
BW06	Boiler Array	83.32 45	P	P	12 02 22.1 -0.8
BW06	Boiler Array	83.32 45	eP	P	12 02 23.0 +0.1
PD31	Pinetop Array	83.32 45	eP	P	12 02 22.9 0.0
PDAR	Pinedale Array	83.32 45	P	P	12 02 22.1 -0.8
PDAR	Pinedale Array	83.32 45	eP	P	12 02 22.1 -0.8
O16A	Opaville	83.38 48	eP	P	12 02 28.4 +5.3
DGMT	Dagmar	83.41 38	P	P	12 02 22.5 -0.5
DGMT	Dagmar	83.41 38	eP	P	12 02 22.8 -0.2
CCUT	Cedar City	83.44 51	eP	P	12 02 24.3 +0.7
NB2	NORSAR Subarra	83.70 339	P	P	12 02 23.9 -0.3
NOA	NORSAR Array B	83.70 339	P	P	12 02 23.2 -1.0
NOA	NORSAR Array B	83.70 339	P	P	12 02 23.2 -1.0
A25A	Svangstu Ranch	83.74 37	P	P	12 02 24.3 -0.3
MSU	Marysvalde	83.77 50	eP	P	12 02 25.1 +0.8
IRM	Iron Mountain	83.81 55	P	P	12 02 26.0 -0.3
SUW	Suwalki	83.91 329	eP	P	12 02 25.3 0.0
SUW	Suwalki	83.91 329	eP	P	12 02 25.3 0.0
TMUT	Trail Mountain	84.03 49	eP	P	12 02 27.6 +0.9
MALT	Malatya	84.08 310	eP	P	12 02 28.8 +2.1
MALT	Malatya	84.08 310	eP	P	12 02 28.8 +2.1
B25A	Knox Farm, Ray	84.09 38	P	P	12 02 26.4 -0.1
P17A	Butler Ranch, W	84.25 48	eP	P	12 02 28.8 +1.2
A26A	Wade Farm, Ken	84.34 37	P	P	12 02 27.4 -0.3
C25A	Freed Ranch, W	84.36 38	eP	P	12 02 27.8 -0.1
SRU	San Rafael Swe	84.58 49	eP	P	12 02 29.7 +0.4
D25A	Fairfield	84.65 39	P	P	12 02 28.7 -0.6
C26A	Wahner Farm, P	84.93 38	P	P	12 02 30.8 +0.1
E25A	Miller Ranch,	84.97 40	P	P	12 02 31.1 +0.1
D26A	Manning	85.21 39	P	P	12 02 32.2 0.0
F25A	Bowman	85.27 40	P	P	12 02 32.8 +0.3
A28A	Rue Farm, Bot	85.27 36	P	P	12 02 32.8 +0.4
K22A	Casper	85.28 44	P	P	12 02 32.6 -0.2
K22A	Casper	85.28 44	eP	P	12 02 33.1 +0.3
C27A	Saylor Ranch,	85.32 38	P	P	12 02 32.8 +0.2
SFJD	Kangerlussuaq	85.33 5	iP	P	12 02 32.7 +0.4
SFJD	Kangerlussuaq	85.33 5	iP	P	12 02 32.7 +0.4
SFJD	Kangerlussuaq	85.33 5	eP	P	12 02 32.7 +0.4
B28A	Dugan Ranch, T	85.50 37	P	P	12 02 33.5 0.0
E20A	Carlson Angus	85.52 39	P	P	12 02 33.7 -0.4
O26A	White River Ci	85.55 47	eP	P	12 02 33.7 -0.4
O20A	White River Ci	85.55 47	eP	P	12 02 34.0 -0.2
D27A	Center	85.67 38	P	P	12 02 34.3 -0.1
G25A	Newell	85.72 41	P	P	12 02 34.1 -0.6
F26A	Lodgepole	85.76 40	P	P	12 02 34.6 -0.4
FRB	Profisher Bay	85.77 14	P	P	12 02 33.8 -0.7
FRB	Profisher Bay	85.77 14	P	P	12 02 33.8 -0.7
A29A	Manning Farm,	85.81 36	P	P	12 02 35.2 +0.2
PV09	Paradox Valley	85.83 49	eP	P	12 02 36.1 +0.4
WUAZ	Wupatki	85.84 52	P	P	12 02 35.8 +0.1
WUAZ	Wupatki	85.84 52	eP	P	12 02 36.3 +0.6
RAYN	Ar Rayn	85.92 294	P	P	12 02 37.8 +1.7
RAYN	Ar Rayn	85.92 294	eP	P	12 02 37.2 +1.1
C28A	Hausauer Farms	85.93 37	P	P	12 02 35.5 -0.2
H25A	Freitdale	85.94 41	P	P	12 02 35.7 -0.2
PV10	Paradox Valley	85.96 49	eP	P	12 02 36.8 +0.5
RSSD	Black Hills	85.97 42	eP	P	12 02 35.7 -0.5
RSSD	Black Hills	85.97 42	eP	P	12 02 36.2 0.0
B29A	Wageman Farm,	86.02 36	P	P	12 02 36.0 -0.1
PV04	Paradox Valley	86.04 49	eP	P	12 02 36.7 +0.1
E27A	Carson	86.05 39	P	P	12 02 36.3 0.0
PV05	Paradox Valley	86.07 49	eP	P	12 02 37.3 +0.4
F27A	Paradox Valley	86.12 40	eP	P	12 02 36.6 -0.1
G26A	Maurine	86.13 40	P	P	12 02 36.5 -0.2
I25A	Manning Farm,	86.20 42	P	P	12 02 37.0 -0.3
A30A	Hoffart Farm,	86.28 36	P	P	12 02 37.2 -0.1
PV01	Paradox Valley	86.40 49	eP	P	12 02 38.5 0.0
H26A	Fairpoint	86.42 41	P	P	12 02 38.1 -0.2

G27A	Dupree	86.46 40	P	P	12 02 38.2 -0.2
BR131	Keekin Array S	86.52 313	eP	P	12 02 39.2 +0.3
BRTR	Keekin Array B	86.52 313	P	P	12 02 38.6 -0.2
BRTR	Keekin Array B	86.52 313	P	P	12 02 38.7 -0.2
B30A	Myrvik Farm, E	86.57 36	P	P	12 02 39.2 +0.4
214A	Oran Pipe Nat	86.61 56	P	P	12 02 39.1 -0.2
N23A	Red Feather La	86.61 45	P	P	12 02 39.7 +0.2
N23A	Red Feather La	86.61 45	eP	P	12 02 40.5 +1.0
ULM	Lac du Bonnet	86.67 34	P	P	12 02 37.3 -1.9
ULM	Lac du Bonnet	86.67 34	eP	P	12 02 41 27.5
PHWY	Pilot Hill	86.69 45	eP	P	12 02 40.4 +0.5
I26A	New Underwood	86.71 41	P	P	12 02 39.4 -0.2
D29A	Pettibone, Tap	86.75 38	P	P	12 02 39.6 -0.1
H27A	Howes	86.81 41	P	P	12 02 40.2 0.0
F28A	McLaughlin	86.82 39	P	P	12 02 40.3 +0.2
SMCO	Snowmass	86.89 47	eP	P	12 02 41.5 +0.5
BURAR	Bucovina Array	86.91 323	iP	P	12 02 40.8 +0.2
BURAR	Bucovina Array	86.91 323	iP	P	12 02 40.8 +0.2
K					

MMRI	Maumere	7.05 253	P	Pn	12 01 31.1 -3.3
MMRI	Maumere	7.05 253	P	Pn	12 01 29.1 -5.3
MMRI	Maumere	7.05 253	ePn	Pn	12 01 32.7 -1.7
RKPI	Ransiki, Papua	7.17 46	P	Pn	12 01 36.0 0.0
TNTI	Ternate	7.47 347	P	Pn	12 01 40.1 +0.3
TNTI	Ternate	7.47 347	ePn	Pn	12 01 41.0 +1.2
MWPI	Manokwari, Pap	7.49 42	P	Pn	12 01 40.8 +0.7
LWUI	Luwuk	8.31 311	P	Pn	12 01 52.3 +1.7
LWUI	Luwuk	8.31 311	ePn	Pn	12 01 52.4 +1.7
BSSI	Bau Bau, Buton	8.51 272	P	Pn	12 01 51.1 -2.1
BKSI	Bulukumba	8.95 277	P	Pn	12 01 58.9 0.0
KNRA	Kunururra	9.07 182	P	Pn	12 01 57.4 -2.9
WSI	Waingapu	9.19 250	P	Pn	12 01 58.1 -3.8
WPI	Ampapa	9.26 307	P	Pn	12 02 04.9 +2.0
ATSI	Gorontalo	9.34 320	P	P	12 02 08.7 -3.2
KAPI	Kappang	9.37 279	P	Pn	12 02 04.4 +0.1
KAPI	Kappang	9.37 279	Pn	Pn	12 02 04.3 +0.1
TTSI	Tana Toraja	9.83 290	P	Pn	12 02 11.7 +1.6
MRSI	Marisa	9.95 314	P	Pn	12 02 13.1 +1.4
PCI	Palu	10.76 301	P	Pn	12 02 24.3 +2.2
SGSI	Sangihe	10.76 341	P	Pn	12 02 22.8 +0.7
MMSI	Mamuju	10.80 290	P	Pn	12 02 25.0 +2.4
MMPI	Merauke	11.41 100	P	Pn	12 02 31.6 +1.4
GENI	Genyem	11.77 71	P	P	12 02 38.0 -1.1
FITZ	Fitzroy Crossi	11.94 196	P	Pn	12 02 33.0 -4.0
FITZ	Fitzroy Crossi	11.94 196	P	S	12 02 33.3 -3.9
TWAI	Taliwang, Sumb	12.24 259	P	Pn	12 02 39.2 -1.6
JAY	Jayapura	12.30 71	P	Pn	12 02 40.5 -1.1
JAY	Jayapura	12.30 71	S	S	12 04 55.8 -2.0
BKB	Balikpapan	13.20 293	P	Pn	12 02 56.0 +1.0
KBKI	Kotabaru	13.22 284	P	Pn	12 02 54.1 +1.1
MATI	Mati	13.70 348	eP	P	12 02 59.9 -0.6
DAV	Davao City (W)	13.97 346	P	P	12 02 02.9 -0.7
DAV	Davao City (W)	13.97 346	S	S	12 05 40.9 +4.0
WRAB	Tennant Creek	14.26 159	iP	Pn	12 02 02.3 -3.4
WRAB	Tennant Creek	14.26 159	pmx	pmx	
WRAB	Tennant Creek	14.26 159	Pn	Pn	12 02 02.0 -3.7
WRAB	Tennant Creek	14.26 159	ePn	Pn	12 02 03.0 -2.7
WRA	Warramunga Arr	14.27 159	P	Pn	12 02 02.2 -3.5
WRA	Warramunga Arr	14.27 159	S	S	12 02 35.5 -8.2
WRA	Warramunga Arr	14.27 159	iP	Pn	12 02 00.6 -5.2
WRA	Warramunga Arr	14.27 159	pmx	pmx	
WC3	Warramunga Arr	14.29 159	ePn	Pn	12 02 02.8 -3.3
BBKI	Banjur Baru	14.47 282	P	P	12 02 11.0 +1.9
CTBH	Cotabato-PC H	14.50 341	iP	P	12 03 10.6 +1.2
BYJI	Banyuwangi	14.65 263	P	P	12 03 11.9 +0.8
ABJI	Asem Bagus	14.74 264	P	Pn	12 03 11.6 0.0
PALU	Palau	14.84 22	P	Pn	12 03 14.5 +1.4
BUKP	Musuan	14.88 344	eP	P	12 03 13.9 +0.2
JAGI	Jajag, Banyuwa	14.88 262	P	Pn	12 03 10.8 -2.5
JAGI	Jajag, Banyuwa	14.88 262	P	Pn	12 03 10.9 -2.5
JAGI	Jajag, Banyuwa	14.88 262	ePn	Pn	12 03 10.3 -3.0
BIPH	Bislig	14.89 350	iP	P	12 03 14.2 +0.5
KMMI	Kaliangget	14.97 267	P	P	12 03 17.0 +2.3
MTKI	Muara Teweih, K	15.17 291	P	P	12 03 17.8 +1.0
BLJI	Banyuglugur	15.37 265	P	Pn	12 03 20.4 +1.2
PAGZ	Pagadian	15.38 338	eP	Pn	12 03 21.8 +2.2
MYLDM	Lahad Datu	15.70 318	iP	Pn	12 03 27.6 +4.3
MYLDM	Lahad Datu	15.70 318	eP	Pn	12 03 26.0 +2.8
COEN	Coen	15.73 119	P	Pn	12 03 23.1 -0.5
COEN	Coen	15.73 119	eP	Pn	12 03 23.8 +0.3
BUTP	Butuan	15.80 348	eP	Pn	12 03 25.7 +1.4
SCPH	Surigao	16.61 348	iP	Pn	12 03 35.9 +1.8
SDKM	Sandakan	16.93 315	iP	Pn	12 03 31.1 +3.1
MBWA	Marble Bar	17.08 211	P	P	12 03 37.4 -0.4
MBWA	Marble Bar	17.08 211	P	P	12 03 37.4 -0.4
QIS	Mount Isa	17.28 145	P	P	12 03 40.7 +0.7
AS15	Alice Springs	17.61 165	P	P	12 03 43.7 0.0
ASAR	Alice Springs	17.64 165	P	P	12 03 44.1 +0.2
ASAR	Alice Springs	17.64 165	S	S	12 06 50.4 -5.1
ASAR	Alice Springs	17.64 165	P	P	12 11 24.6 -1.2
KKM	Kota Kinabalu	17.90 314	P	P	12 03 47.6 +0.7
KKM	Kota Kinabalu	17.90 314	eP	P	12 03 47.7 +0.8
KDM	Kudat	18.09 317	iP	Pn	12 03 50.6 -0.9
PMG	Port Moresby	18.17 100	P	Pn	12 03 51.1 -1.3
PMG	Port Moresby	18.17 100	S	S	12 07 08.9 +2.8
PMG	Port Moresby	18.17 100	eP	P	12 11 26.8 -0.1
PMG	Port Moresby	18.17 100	S	S	12 03 50.7 +1.0
PMG	Port Moresby	18.17 100	S	S	12 07 08.9 +2.8
PMG	Port Moresby	18.17 100	S	S	12 11 26.8 -0.1
WRKA	Warakurna	18.39 182	P	P	12 03 51.9 -0.1
UGM	Wanagama	18.42 265	P	P	12 03 51.9 -0.5
UGM	Wanagama	18.42 265	eP	P	12 03 51.0 -1.4
UGM	Wanagama	18.42 265	eS	S	12 07 04.7 -6.5
SMRI	Semarang	18.47 267	eP	Pn	12 03 55.8 -0.2
BTM	Bintulu	18.65 301	iP	Pn	12 03 57.5 -0.5
MANU	Manus Island	18.81 77	eP	Pn	12 03 59.1 -0.9
MTSU	Mount Surprise	18.82 129	P	P	12 03 57.6 +0.8
SBUM	Sibu	19.03 298	eP	P	12 04 00.1 +1.1
KSM	Kuching	20.33 292	P	P	12 04 11.3 -1.6
KSM	Kuching	20.33 292	iP	P	12 04 12.4 -0.5
KSM	Kuching	20.33 292	eP	P	12 04 11.2 -1.6
CISI	Cisompét, Garu	21.09 266	P	P	12 04 18.1 -2.8
CISI	Cisompét, Garu	21.09 266	eP	P	12 04 19.0 -2.0
CISI	Cisompét, Garu	21.09 266	eS	S	12 08 01.0 -0.9

LEM	Lembang	21.28 268	P	P	12 04 27.1 +4.1
CTA	Charters Tower	21.45 130	P	P	12 04 25.1 +0.6
CTA	Charters Tower	21.45 130	P	P	12 04 25.3 +0.8
CTAO	Charters Tower	21.45 130	eP	P	12 04 25.2 +0.6
RABL	Rabaul	23.14 85	eP	P	12 04 41.6 +1.3
XMIS	Christmas Isla	23.45 259	eP	P	12 04 40.6 -2.5
QLP	Quilpie	24.62 146	P	P	12 04 53.7 +0.2
GUMO	Guam	25.45 38	P	P	12 05 01.1 0.0
GUMO	Guam	25.45 38	eP	P	12 05 01.5 +0.4
MORW	Moran	25.53 207	P	P	12 05 00.8 -1.0
KMBL	Kambalda	25.57 194	P	P	12 05 01.4 -0.7
MYKOW	Kota Tinggi	26.48 287	eP	P	12 05 10.3 -0.1
BLDU	Ballidu	26.58 204	P	P	12 05 10.3 -0.9
BBOO	Bucklebo	26.93 167	P	P	12 05 13.5 -0.7
BBOO	Bucklebo	26.93 167	eP	P	12 05 13.6 -0.5
KLBR	Kellerberrin	27.05 202	P	P	12 05 14.8 -0.5
RMQ	Roma	27.31 139	P	P	12 05 18.2 +0.5
STKA	Stephens Creek	27.79 157	P	P	12 05 21.4 -0.4
STKA	Stephens Creek	27.79 157	P	P	12 05 21.7 -0.2
MUN	Mundaring	27.98 204	P	P	12 05 22.8 -0.8
EIDS	Eidsvold	28.18 134	P	P	12 05 25.1 -0.3
EIDS	Eidsvold	28.18 134	eP	P	12 05 24.8 -0.6
HTT	Hallett	28.27 162	P	P	12 05 25.9 -0.2
NWAO	Narogin (SRO)	28.44 201	P	P	12 05 26.6 -1.0
NWAO	Narogin (SRO)	28.44 201	P	P	12 05 27.2 -0.5
NWAO	Narogin (SRO)	28.44 201	eP	P	12 05 27.1 -0.5
BKNI	Bangkinang	28.77 283	eP	P	12 05 32.7 +1.9
PPI	Padang Panjang	29.21 281	P	P	12 05 34.2 -0.4
CMSA	Cobar Meteorol	32.93 150	P	P	12 05 36.0 +0.5
IPM	Ipo	30.04 291	eP	P	12 05 41.4 -0.6
KULM	Kulim	30.68 292	eP	P	12 05 47.2 -0.4
TPUB	Ta-pu	30.79 345	eP	P	12 05 46.8 -1.7
SSLB	Suanglung	31.18 346	eP	P	12 05 50.1 -1.8
NACB	Ninganchiao	31.40 347	eP	P	12 05 53.1 -0.6
PSI	Prapat	31.47 286	P	P	12 05 56.0 +1.3
PSI	Prapat	31.47 286	P	P	12 05 53.4 -1.3
PSI	Prapat	31.47 286	eP	P	12 05 53.3 -1.4
PSI	Prapat	31.47 286	S	S	12 12 02.2 -2.2
QIZ	Qiongzong	31.69 324	S	S	12 12 02.2 -2.2
QIZ	Qiongzong	31.69 324	P	P	12 05 58.3 +1.9
QIZ	Qiongzong	31.69 324	P	P	12 06 42.6 +1.3
QIZ	Qiongzong	31.69 324	S	S	12 07 07.9 +0.9
QIZ	Qiongzong	31.69 324	S	S	12 10 51.8 +2.4
QIZ	Qiongzong	31.69 324	S	S	12 12 12.3 +2.6
ARMA	Armidale	31.84 141	eP	P	12 05 59.1 +1.4
YHNB	Yehud	31.92 347	eP	P	12 05 57.4 -1.0
ARPS	Mount Arapiles	32.27 161	P	P	12 06 02.0 +0.8
GSI	Gunungsitoli	32.36 283	P	P	12 06 00.7 -1.6
GSI	Gunungsitoli	32.36 283	eP	P	12 06 02.3 0.0
TRTT	Trang	32.58 296	P	P	12 06 04.3 +0.2
YNG	Young	32.90 150	P	P	12 06 07.7 +1.0
KRAB	Krabi	33.18 296	P	P	12 06 11.7 +2.3
KRAB	Krabi	33.18 296	eP	P	12 06 10.5 +1.2
MGCD	Mangrove Creek	33.51 145	P	P	12 06 13.4 +1.4
CAN	Canberra	34.01 150	P	P	12 06 17.6 +1.3
CAN	Canberra	34.01 150	eP	P	12 06 17.6 +1.3
LHMI	Lhok Sumawe	34.10 289	P	P	12 06 19.0 +1.6
LHMI	Lhok Sumawe	34.10 289	eP	P	12 06 19.4 +2.1
CNB	Canberra Magne	34.18 150	P	P	12 06 19.0 +1.1
TOO	Toolangi	34.31 156	P	P	12 06 20.6 +1.7
KHON	Khomkaen	34.50 312	P	P	12 06 22.5 +1.8
KHON	Khomkaen	34.50 312	P	P	12 06 25.2 +1.8
MILA	Mila	35.47 152	P	P	12 06 30.1 +1.3
PBKT	Sadao Pong	36.04 310	P	P	12 06 43.0 +9.2
PBKT	Sadao Pong	36.04 310	P	P	12 06 43.0 +9.2
SRDT	Srdt	36.23 305	P	P	12 06 37.1 +1.7
LOEI	Loei	36.40 311	P	P	12 06 35.0 -1.9
LOEI	Loei	36.40 311	P	P	12 06 35.0 -1.9
KHLT	KhaoIaem Dam	36.90 305	P	P	12 06 42.9 +1.8
UTTA	Uttaradit	37.07 311	P	P	12 06 42.7 +0.2
UTTA	Uttaradit	37.07 311	P	P	12 06 42.7 +0.2
SLVN	Son La	37.10 319	eP	P	12 06 43.4 +0.6
UMPA	Umpang Tak	37.47 307	P	P	12 06 54.3 +8.4
LHI	Lord Howe Isla	37.47 135	P	P	12 06 46.1 +0.3
SUKH	Sukhothai	37.61 310	P	P	12 06 47.5 +0.5
SUKH	Sukhothai	37.61 310	P	P	12 06 47.5 +0.5
LAMP	Lampang	38.24 311	P	P	12 06 53.3 +1.0
CM01	Chiang Mai Arr	38.68 310	eS	S	12 06 55.9 -0.1
CM01	Chiang Mai Arr	38.68 310	eS	S	12 12 29.8 -6.3
CM31	Chiang Mai Arr	38.72 310	P	P	12 06 57.1 +0.8
CM31	Chiang Mai Arr	38.72 310	eP	P	12 06 56.7 +0.4
CM31	Chiang Mai Arr	38.72 310	P	P	12 06 56.4 +0.1
CMAR	Chiang Mai Arr	38.72 310	S	S	12 12 29.8 -6.3
CRAI	Chiangrai	38.77 314	P	P	12 06 49.0 -7.7
CHTO	Chiang Mai	38.93 311	P	P	12 06 58.1 0.0
CHTO	Chiang Mai	38.93 311	P	P	12 06 58.9 +0.8
CHTO	Chiang Mai	38.93 311	P	P	12 06 58.9 +0.8

CHTO	Chiang Mai	38.93 311	eP	P	12 06 58.1 0.0
MHMT	Maesarieng	39.32 309	P	P	12 07 02.3 +1.0
GYA	Guiyang	39.35 327	iP	P	12 07 04.0 +2.5
GYA	Guiyang	39.35 327	iP	P	12 07 50.8 +2.9
GYA	Guiyang	39.35 327	S	S	12 08 16.3 +3.1
GYA	Guiyang	39.35 327	P	P	12 08 42.0 -0.2
GYA	Guiyang	39.35 327	P	P	12 09 06.4 +1.0
GYA	Guiyang	39.35 327	S	S	12 12 43.8 +1.0
GYA	Guiyang	39.35 327	S	S	12 14 12.0 +3.7
GYA	Guiyang	39.35 327	S	S	12 14 12.0 +3.7

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like FOZ Fox Glacier, MLZ Mavora Lakes, WKZ Wanaka, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like PDGK Podgornoye, KSH Kashi, KSH Kashi, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like TIXI Tiksi, TIXI Tiksi, ASUD AI Ashush, etc.

HLID	comp=Z,2.4nm,0.6s	113.62	45	P	PKIKP	12 18 06.5 +0.8	J28A	Allard Ranch,	122.71	42	P	PKPdf	12 18 22.7 -0.3	F36A	Milaca	126.34	36	P	PKPdf	12 18 29.6 -0.2
HLID	baz=284						T25A	Trinidad	122.75	50	P	PKPdf	12 18 24.2 +0.7	X30A	Coker Ranch, T	126.34	52	P	PKPdf	12 18 30.4 +0.2
HLID	Hayley	113.62	45	ePKIKP	PKIKP	12 18 06.8 +1.1	T25A	Trinidad	122.75	50	ePKPdf	PKPdf	12 18 24.6 +1.1	Q32A	Mellett Ranch,	126.39	46	P	PKPdf	12 18 30.3 +0.2
RT1A	Troy Canyon, C	113.88	51	P	PKIKP	12 18 07.0 +0.6	E30A	Jud	122.80	38	P	PKPdf	12 18 22.9 -0.2	K34A	Le Mars	126.40	40	P	PKPdf	12 18 29.7 -0.3
FETA	Feichten	113.90	319	PKIKP	PKIKP	12 18 05.8 -0.3	C31A	Landman Farms,	122.86	36	P	PKPdf	12 18 22.9 -0.2	R32A	Long Quarter,	126.51	46	P	PKPdf	12 18 31.2 +0.8
PMFO	comp=Z,1.4nm,0.5s	113.98	56	P	PKIKP	12 18 06.8 +0.2	K28A	Yen Mile Ranch	122.92	43	P	PKPdf	12 18 23.0 -0.4	Y30A	Stafford Cattle,	126.51	52	P	PKPdf	12 18 31.3 +0.7
GMC	Granite Mounta	114.55	55	P	PKPdf	12 18 08.8 +1.4	A32A	Rocking H Ranc	122.98	34	P	PKPdf	12 18 22.7 -0.6	Z30A	Sanderson Ranc	126.52	53	P	PKPdf	12 18 30.8 +0.2
BC3	Big Chuckwall	114.80	56	P	PKPdf	12 18 09.1 +1.0	B32A	Ashby Strandq	123.24	35	P	PKPdf	12 18 23.1 -0.7	I35A	Creekview Farm	126.52	39	P	PKPdf	12 18 30.3 +0.1
EGMT	Eagleton	115.45	39	P	PKPdf	12 18 08.6 -0.3	G30A	Faulkton	123.30	39	P	PKPdf	12 18 23.6 -0.4	G36A	St. Michael	126.57	37	P	PKPdf	12 18 30.9 +0.7
DUG	Eagleton	115.45	39	ePKPdf	PKPdf	12 18 09.2 +0.3	J29A	Okreek	123.32	41	P	PKPdf	12 18 23.9 -0.3	O33A	Aboron	126.61	44	P	PKPdf	12 18 30.4 -0.1
EGMT	Dugway, Tooele	115.59	48	P	PKPdf	12 18 09.9 +0.3	E31A	Nome	123.39	37	P	PKPdf	12 18 24.2 0.0	J35A	Milford	126.63	39	P	PKPdf	12 18 30.2 -0.2
DUG	Dugway, Tooele	115.59	48	ePKPdf	PKPdf	12 18 10.3 +0.8	K3CO	Kaye Shedlock	123.45	47	P	PKPdf	12 18 25.0 +0.3	M34A	Aspy Farms, Fr	126.64	42	P	PKPdf	12 18 30.2 -0.4
ARUT	Antelope Range	115.66	51	ePKPdf	PKPdf	12 18 10.6 +0.9	MXNT	Cornudas Mount	123.51	56	P	PKPdf	12 18 25.6 +0.8	H36A	Jessenland, He	126.79	37	P	PKPdf	12 18 31.7 +1.0
BCLA	Clavier	116.11	324	PKP	PKPdf	12 18 11.1 +1.1	MXNT	Cornudas Mount	123.51	56	ePKPdf	PKPdf	12 18 25.8 +1.0	P33A	Williams Farm,	126.81	45	P	PKPdf	12 18 31.1 +0.2
BCLA						12 26 45.1	F31A	Hecla	123.51	38	P	PKPdf	12 18 24.0 -0.4	W31A	Holland Ranch,	126.81	51	P	PKPdf	12 18 32.2 +1.1
REDW	Red Top Meadow	116.18	45	ePKPdf	PKPdf	12 18 11.8 +1.1	K29A	Lazy Trails An	123.60	42	P	PKPdf	12 18 24.8 +0.1	T32A	Huddler Ranch,	126.84	48	P	PKPdf	12 18 31.6 +0.5
LOHW	Long Hollow	116.28	44	ePKPdf	PKPdf	12 18 11.9 +1.1	N28A	Pribbeno Ranch	123.60	45	P	PKPdf	12 18 24.6 -0.2	130A	Snyder	126.86	54	P	PKPdf	12 18 32.3 +1.0
SENIN	Lac Senin/Sane	116.35	319	ePKPdf	PKPdf	12 18 10.8 -0.1	O28A	Krutsinger Ran	123.66	46	P	PKPdf	12 18 24.7 -0.2	Q33A	Connelly Farm,	126.90	45	P	PKPdf	12 18 31.8 +0.7
MSU	Marysvale	116.47	50	ePKPdf	PKPdf	12 18 10.5 -0.9	I30A	Robert and Kas	123.84	34	P	PKPdf	12 18 24.3 -0.6	K35A	Storm Lake	126.94	40	P	PKPdf	12 18 30.9 -0.1
Q16A	Springville	116.56	48	ePKPdf	PKPdf	12 18 14.4 +3.0	B33A	Robert and Kas	123.84	34	P	PKPdf	12 18 24.3 -0.6	230A	Sterling City	126.96	55	P	PKPdf	12 18 32.2 +0.7
SNF	Senefee	116.68	324	PKP	PKPdf	12 18 12.2 +1.1	P28A	Saint Francis	123.88	46	P	PKPdf	12 18 25.7 +0.3	X31A	McDonald Ranch	126.98	51	P	PKPdf	12 18 32.1 +0.7
SNF						12 26 52.6	J30A	Dallas	123.90	41	P	PKPdf	12 18 25.1 -0.2	Y31A	Rekieta Farm,	126.98	52	P	PKPdf	12 18 32.1 +0.7
VSL	Villasalto	116.89	311	ePKPdf	PKPdf	12 18 11.0 -0.8	Q28A	Sharon Springs	124.01	47	P	PKPdf	12 18 26.2 +0.5	I36A	Fitzsimmons Fa	127.04	38	P	PKPdf	12 18 31.7 +0.5
BNI	Bardonecchia	117.19	318	ePKPdf	PKPdf	12 18 12.3 -0.2	K30A	Basset	124.10	42	P	PKPdf	12 18 25.7 0.0	L35A	Bielow Farm, R	127.04	41	P	PKPdf	12 18 31.5 +0.3
BW06	Boulder Array	117.26	45	PKP	PKPdf	12 18 13.2 +0.4	I31A	Royce, Wessing	124.20	40	P	PKPdf	12 18 25.6 -0.1	330A	Mertzong	127.05	55	P	PKPdf	12 18 32.3 +0.7
PDAR	Boulder Array	117.26	45	ePKPdf	PKPdf	12 18 13.1 +0.3	B34A	Aery, Baudette	124.24	34	P	PKPdf	12 18 25.2 -0.5	R33A	Olander Ranch,	127.08	46	P	PKPdf	12 18 32.1 +0.7
PDAR	Pinedale Array	117.26	45	PKP	PKPdf	12 18 12.2 +0.6	R28A	Tribune	124.29	48	P	PKPdf	12 18 26.6 +0.3	U32A	Winter Ranch,	127.09	49	P	PKPdf	12 18 32.7 +0.4
PDAR	comp=Z,1.1nm,0.9s,baz=207,slow=1.9,SNR=14					12 21 25.7	P29A	Altenried	124.45	46	P	PKPdf	12 18 26.6 +0.1	SPMN	Marine on St.	127.11	36	P	PKPdf	12 18 31.6 +0.4
PDAR	comp=Z,1.1nm,0.9s,baz=207,slow=1.7,SNR=4.8					12 28 39.8 +1.1	S28A	Manter	124.49	48	P	PKPdf	12 18 27.0 +0.3	J36A	Seneca 1, Swea	127.20	39	P	PKPdf	12 18 31.3 -0.2
SRU	San Rafael Sew	117.57	49	ePKPdf	PKPdf	12 18 14.1 +0.6	E33A	Westby DABS, E	124.54	36	P	PKPdf	12 18 26.4 0.0	530A	J-R Ranch, Com	127.27	57	P	PKPdf	12 18 33.0 +0.9
WUAZ	Wupatki	117.76	53	P	PKPdf	12 18 14.6 +0.7	C34A	RKJ Ranch, Bem	124.56	35	P	PKPdf	12 18 25.7 -0.7	Z31A	Sharp Cattle R	127.29	53	P	PKPdf	12 18 32.7 +0.6
WUAZ	Wupatki	117.76	53	ePKPdf	PKPdf	12 18 15.2 +1.3	H32A	Carlson Farm,	124.67	39	P	PKPdf	12 18 26.9 +0.2	P37A	Walnut Farm, R	127.36	44	P	PKPdf	12 18 32.3 +0.3
KEST	Kesra	117.80	307	PKP	PKPdf	12 18 13.0 -0.8	Q29A	Oakley	124.69	47	P	PKPdf	12 18 27.5 +0.6	I37A	Lemond, Waseca	127.42	38	P	PKPdf	12 18 32.2 +0.3
KEST	Kesra	117.80	307	ePKPdf	PKPdf	12 18 13.9 +0.1	K31A	O'Neill	124.69	42	P	PKPdf	12 18 26.6 -0.2	K36A	Gilmore City	127.48	40	P	PKPdf	12 18 32.4 +0.3
FCC	Fort Churchill	118.34	24	ePKPdf	PKPdf	12 18 13.3 -0.7	F39A	5 Mile Ranch,	124.71	37	P	PKPdf	12 18 26.8 +0.1	Q34A	Chapman	127.56	45	P	PKPdf	12 18 33.2 +0.8
DGMT	Dagmar	118.72	37	PKP	PKPdf	12 18 16.2 +1.0	R29A	Mienthal	124.75	47	P	PKPdf	12 18 27.5 +0.4	N35A	Tabor	127.57	42	P	PKPdf	12 18 33.0 +0.6
PV09	Paradox Valley	118.78	50	ePKPdf	PKPdf	12 18 17.1 +1.2	B35A	Bob, Littlefor	124.82	33	P	PKPdf	12 18 26.5 -0.3	231A	Bronte	127.59	54	P	PKPdf	12 18 33.4 +0.7
PV10	Paradox Valley	118.89	50	ePKPdf	PKPdf	12 18 17.1 +1.0	L31A	Butterfield Fa	124.84	42	P	PKPdf	12 18 26.9 -0.2	R34A	Isabella, Hill	127.61	46	P	PKPdf	12 18 33.1 +0.7
TUC	Tucson	118.90	57	P	PKPdf	12 18 16.6 +0.6	O30A	MW Ranch, Wils	124.84	45	P	PKPdf	12 18 27.4 +0.2	331A	San Angelo	127.69	55	P	PKPdf	12 18 33.5 +0.6
O20A	White River Ci	118.98	48	P	PKPdf	12 18 16.4 +0.3	I32A	Karley and Nic	124.88	40	P	PKPdf	12 18 27.1 0.0	J37A	Redenius Farm,	127.70	39	P	PKPdf	12 18 32.7 +0.2
O25A	White River Ci	118.98	48	ePKPdf	PKPdf	12 18 16.9 +0.8	J32A	Parkston	124.95	40	P	PKPdf	12 18 26.9 -0.3	KSU1	Kansas State U	127.71	45	P	PKPdf	12 18 33.2 +0.6
A25A	Svangstu Ranch	119.16	37	P	PKPdf	12 18 16.5 +0.5	G33A	Ortonville	124.95	38	P	PKPdf	12 18 26.9 -0.2	431A	Sonora	127.72	56	P	PKPdf	12 18 33.8 +0.9
PV01	Paradox Valley	119.31	50	ePKPdf	PKPdf	12 18 17.8 +1.0	P30A	Selden	124.96	46	P	PKPdf	12 18 27.5 +0.1	TORD	Tordi Ar. Bea	127.79	281	PKP	PKPdf	12 18 33.1 -0.3
K22A	Casper	119.41	44	P	PKPdf	12 18 16.0 -0.8	MXST	Muleshoe	125.00	53	P	PKPdf	12 18 28.0 +0.3	Z32A	Haskell	127.82	53	P	PKPdf	12 18 34.0 +1.0
K22A	Casper	119.41	44	ePKPdf	PKPdf	12 18 16.9 +0.1	H33A	MSTX Muleshoe	125.00	53	ePKPdf	PKPdf	12 18 28.4 +0.6	V33A	Lussen Ranch,	127.84	49	P	PKPdf	12 18 34.0 +1.0
C25A	Freed Ranch, W	119.61	38	P	PKPdf	12 18 16.5 -0.3	E34A	Wadena	125.02	39	P	PKPdf	12 18 27.2 -0.2	ABTX	Abilene, Hawle	127.91	53	P	PKPdf	12 18 33.5 +0.2
MVCO	Mesa Verde	119.61	51	P	PKPdf	12 18 17.6 +0.1	C35A	Wirk Farms, M	125.06	34	P	PKPdf	12 18 27.3 -1.0	531A	Rocksprings	127.92	57	P	PKPdf	12 18 34.4 +1.1
D25A	Mesa Verde	119.61	51	ePKPdf	PKPdf	12 18 18.4 +1.0	M31A	Lambrecht Ranc	125.11	43	P	PKPdf	12 18 27.4 -0.3	K37A	Belmond	127.93	39	P	PKPdf	12 18 33.0 +0.1
A26A	Wade Farm, Ken	119.81	36	P	PKPdf	12 18 17.5 +0.3	K32A	Vernere	125.19	41	P	PKPdf	12 18 27.7 0.0	P35A	Duane Minner,	127.93	44	P	PKPdf	12 18 33.1 +0.1
E25A	Miller Ranch,	120.03	39	P	PKPdf	12 18 17.4 -0.4	I33A	Coleman	125.29	39	P	PKPdf	12 18 27.9 0.0	I38A	Scanlan Farm,	128.05	37	P	PKPdf	12 18 33.1 0.0
C26A	Wahnon Farm, P	120.26	37	P	PKPdf	12 18 18.4 +0.3	F34A	Alexandria	125.35	37	P	PKPdf	12 18 27.9 0.0	631A	Perdido Creek	128.11	58	P	PKPdf	12 18 34.2 +0.5
D26A	Manning	120.40	38	P	PKPdf	12 18 18.8 +0.4	D35A	Remer	125.36	35	P	PKPdf	12 18 27.4 -0.5	232A	Coleman	128.14	54	P	PKPdf	12 18 34.6 +0.9
N23A	Red Feather La	120.41	46	P	PKPdf	12 18 19.4 +0.4	G34A	Benson	125.41	38	P	PKPdf	12 18 28.2 +0.2	X33A	Lawton	128.15	51	P	PKPdf	12 18 34.6 +1.0
G25A	Newell	120.55	41	P	PKPdf	12 18 18.4 -0.4	R30A	Dighton	125.43	47	P	PKPdf	12 18 28.8 +0.5	U34A	Anderson Ranch	128.16	48	P	PKPdf	12 18 34.6 +1.0
RSSD	Black Hills	120.57	42	P	PKPdf	12 18 18.7 -0.3	E35A	Pequot Lakes	125.44	36	P	PKPdf	12 18 27.9 -0.2	Q35A	Mercer Eighty,	128.22	4			

MYLDM	Lahad Datu	70.81 283	eP	P	18 53 35.2 +3.3
MJAR	Matsushiro Arr	72.50 321	eP	P	18 53 41.7 +0.1
MJAR	Matsushiro Arr	72.50 321	eP	P	19 26 13.6
MJAR	Matsushiro Arr	72.50 321	eP	P	18 53 41.7 +0.1
MJAR	Matsushiro Arr	72.50 321	eP	P	18 53 41.9 +0.3
MAJO	Matsushiro	72.50 321	eP	P	18 53 41.0 -0.6
MAT	Matsushiro	72.50 321	eP	P	18 53 41.6 0.0
MAT	Matsushiro	72.50 321	eP	P	19 03 07.2 +2.8
UMG	Wanagama	73.50 268	P	S	18 53 48.1 +0.1
SCI2	San Clemente I	75.30 46	P	P	18 53 57.8 -0.2
CISI	Cisompet, Garu	76.15 267	P	P	18 54 03.4 0.0
CISI	Cisompet, Garu	76.15 267	P	P	18 54 03.1 -0.3
DPP	Dos Picos Cty	76.40 47	eP	P	18 54 03.0 -1.4
LPIG	La Paz	76.48 58	LR	LR	19 21 14.3
MURC	Murrieta	76.58 46	P	P	18 54 05.2 -0.1
LEM	Lembang	76.58 268	LR	LR	19 28 38.9
LEM	Lembang	76.58 268	P	P	18 54 06.3 +0.3
BFSC	Mount Baldy Ra	76.65 45	P	P	18 54 05.4 -0.4
YES	Vestall, Richgr	76.68 43	P	P	18 54 04.6 -1.2
MONP2	Monument Peak	76.69 47	P	P	18 54 06.3 +0.1
IBP	Imperial Bould	76.78 47	P	P	18 54 05.3 -1.2
EDW2	Edwards Air Fo	76.81 45	P	P	18 54 06.3 -0.3
KSM	Kuching	76.95 277	eP	P	18 54 05.5 -2.3
ISA	Isabella, Lake	76.97 44	eP	P	18 54 07.3 -0.3
ISA	Isabella, Lake	76.97 44	eP	P	18 54 07.2 -1.4
PET	Petropavlovsk	77.08 344	eS	P	18 54 16.0 +8.4
PET	Petropavlovsk	77.08 344	eS	P	19 04 04.5 +1.0
TPUB	Ta-pu	77.08 301	eP	P	18 54 05.7 -2.6
PFO	Pinyon Flats O	77.08 46	LR	LR	19 21 54.0
PFO	Pinyon Flats O	77.08 46	P	P	18 54 07.9 -0.4
PFO	Pinyon Flats O	77.08 46	eP	P	18 54 07.6 -0.7
LRMC	Laurel Mtn Rad	77.36 44	P	P	18 54 10.0 +0.2
PEAO	Petropavlovsk	77.41 343	eP	P	18 54 09.6 +0.1
PETK	Petropavlovsk	77.41 343	eP	P	18 54 09.6 +0.1
PETK	Petropavlovsk	77.41 343	eP	P	19 22 15.8
CBJ	Citiko	77.43 268	P	P	18 54 10.4 -0.2
AFDM	Forest Hills D	77.45 40	eP	P	18 54 10.4 +0.2
WDC	Whiskeytown Da	77.59 38	eP	P	18 54 11.2 +0.4
BELC	Belle Mtn. Jos	77.62 46	P	P	18 54 10.7 -0.6
CWC	Cottonwood Cre	77.69 33	eP	P	18 54 11.1 -0.5
YSS	Yuzh-Sakhalins	77.69 331	eP	P	18 54 11.3 +0.1
YSS	Yuzh-Sakhalins	77.69 331	eP	P	18 54 16.8
YSS	Yuzh-Sakhalins	77.69 331	eP	P	18 54 22.0
YSS	Yuzh-Sakhalins	77.69 331	eP	P	19 04 16.0
YSS	Yuzh-Sakhalins	77.69 331	eP	P	18 54 07.9 -3.2
YSS	Yuzh-Sakhalins	77.69 331	eP	P	18 54 07.9 -3.2
N02D	Trinity Center	77.76 37	P	P	18 54 11.0 -1.3
BC3	Big Chuckawall	77.79 47	P	P	18 54 11.0 -1.3
GSC	Goldstone, Bar	77.84 45	P	P	18 54 11.4 -1.0
GSC	Goldstone, Bar	77.84 45	eP	P	18 54 11.5 -1.0
MPMC	Manual Prospec	77.84 44	P	P	18 54 12.6 +0.1
HEC	Hector, Ludlow	77.88 45	P	P	18 54 12.1 -0.5
GLA	Glamis	77.88 48	P	P	18 54 12.8 +0.1
GLA	Glamis	77.88 48	eP	P	18 54 10.4 -2.3
IRM	Iron Mountain	78.29 47	P	P	18 54 14.6 -0.3
GMRC	Granite Mounta	78.30 46	P	P	18 54 14.8 -0.2
CGJ	Cibinong	78.45 267	P	P	18 54 16.3 +0.1
HSIG	HSIG	78.49 53	PFAKE	LR	18 54 30.0 +1.4
214A	Organ Pipe Nat	78.69 50	P	P	18 54 17.4 +0.3
214A	Organ Pipe Nat	78.69 50	eP	P	18 54 15.0 -2.2
NV01	Mina Array Sit	78.76 42	eP	P	18 54 16.9 -0.7
NVAR	Mina Array Bea	78.76 42	P	P	18 54 17.4 -0.2
NVAR	Mina Array Bea	78.76 42	P	P	19 24 21.6
NV11	Mina Array Sit	78.85 42	eP	P	18 54 18.5 +0.4
PDMC1	Parker Dam, Lak	79.06 47	P	P	18 54 19.3 +0.2
TPNV	Topopah Spring	79.17 44	eP	P	18 54 17.9 -2.0
TPNV	Topopah Spring	79.17 44	eP	P	18 54 20.3 +0.4
TPNV	Topopah Spring	79.17 44	eP	P	18 54 20.3 +0.4
KSR5	Korea Array	79.41 317	P	P	18 54 21.1 +0.3
KSR5	Korea Array	79.41 317	P	P	19 26 05.4
KSAR	Wonju Array Be	79.42 317	P	P	18 54 21.1 +0.2
KS01	Wonju Array Si	79.44 317	eP	P	18 54 22.0 +0.9
SHPR	Sheep Ridge	79.63 45	eP	P	18 54 21.1 -1.3
MOD	Modoc Plateau	79.73 38	eP	P	18 54 23.3 +0.5
KASI	Kota Agung	79.94 268	P	P	18 54 24.7 +0.4
J05D	Fort Rock, OR	80.10 36	P	P	18 54 24.7 0.0
TUC	Tucson	80.33 50	P	P	18 54 25.8 -0.4
TUC	Tucson	80.33 50	eP	P	18 54 23.0 -3.2
R11A	Troy Canyon, C	80.42 43	P	P	18 54 26.2 -0.4
R11A	Troy Canyon, C	80.42 43	eP	P	18 54 26.8 +0.1
LWLI	Liwa	80.52 268	P	P	18 54 28.4 +0.8
SSE	Sheshan	80.55 308	P	P	18 54 26.6 -0.6
SSE	Sheshan	80.55 308	P	P	19 04 35.5 +2.8
SSE	Sheshan	80.55 308	P	P	18 54 27.2 -0.7

BMN	Battle Mountain	80.64 40	eP	P	18 54 28.1 +0.4
TYV	Tymovskoe	80.70 334	eP	P	18 54 30.8 +3.3
TYV	Tymovskoe	80.70 334	eP	P	18 54 26.7 -3.0
USRK	Ussuriysk Ar.	81.14 324	P	P	18 54 28.5 -1.6
USRK	Ussuriysk Ar.	81.14 324	P	P	19 27 21.0
CCUT	Cedar City	81.40 45	eP	P	18 54 32.6 +0.6
LH5I	Lahat	81.43 269	P	P	18 54 32.9 +0.6
HPIG	HPIG	81.51 57	PFAKE	LR	18 54 40.0 +7.3
WUAZ	Wupatki	81.62 47	eP	P	18 54 33.0 0.0
WUAZ	Wupatki	81.62 47	eP	P	18 54 30.8 -2.3
ELK	Elko	82.04 41	eP	P	18 54 35.6 +0.4
HABR	Khabarovsk	82.39 329	eP	P	18 54 35.3 -1.2
HABR	Khabarovsk	82.39 329	eP	P	18 54 44.3 -0.4
HABR	Khabarovsk	82.39 329	eP	P	18 54 43.3
HABR	Khabarovsk	82.39 329	eP	P	19 04 49.9 -1.1
HABR	Khabarovsk	82.39 329	eP	P	18 54 37.5 +0.2
MAW	Mawsianski	82.58 199	P	P	19 31 04.1
MAW	Mawsianski	82.58 199	P	P	18 54 39.4 +2.0
MAW	Mawsianski	82.58 199	P	P	18 54 37.8 -0.5
MDJ	Mudanjiang	82.74 323	P	P	18 54 40.0 +1.5
MDJ	Mudanjiang	82.74 323	P	P	18 54 46.6 -0.1
MDJ	Mudanjiang	82.74 323	P	P	18 54 48.9 -0.7
MDJ	Mudanjiang	82.74 323	P	P	18 54 52.0 +3.1
MDJ	Mudanjiang	82.74 323	P	P	19 04 57.5 +2.7
MDJ	Mudanjiang	82.74 323	P	P	18 54 32.3 -6.2
NJ2	Nanjing	82.75 308	eP	P	18 54 39.1 +0.3
MASI	Maura Aman, Be	82.86 269	P	P	18 54 41.7 +1.8
E07A	Sunnyside	82.87 34	eP	P	18 54 40.2 +0.6
BTDF	Bukit Timah Da	83.00 274	P	P	18 54 41.5 +0.9
HAWA	Hanford	83.03 35	eP	P	18 54 40.8 +0.8
HAWA	Hanford	83.03 35	eP	P	18 54 40.3 -1.1
DUG	Dugway, Tooele	83.24 43	eP	P	18 54 41.6 +0.3
DUG	Dugway, Tooele	83.24 43	eP	P	18 54 41.2 -0.2
MFID	Camas Ranch	83.26 39	eP	P	18 54 41.0 -0.4
BMO	Blue Mountains	83.28 37	eP	P	18 54 45.0 +2.9
SPU	Mount Spurr	83.50 11	eP	P	18 54 50.0 +7.2
BGU	Big Grassy Mou	83.52 42	PFAKE	LR	18 54 50.0 +6.6
UNM	Universidad Na	83.52 67	PFAKE	LR	18 54 43.6 -0.1
UNM	Universidad Na	83.52 67	PFAKE	LR	18 54 41.9 -2.5
D08A	Wollman Farm	83.78 34	eP	P	18 54 40.7 -3.1
D08A	Wollman Farm	83.78 34	eP	P	18 54 44.9 -0.4
TMUT	Trail Mountain	83.78 44	eP	P	18 54 40.7 -3.1
RC01	Rabbit Creek A	83.84 12	eP	P	18 54 42.7 -2.5
MNTX	Cornudas Mount	83.99 53	eP	P	18 54 45.0 -0.2
MNTX	Cornudas Mount	83.99 53	eP	P	18 54 43.2 -2.9
F10A	Beach Ranch, E	84.02 36	eP	P	18 54 45.1 -1.4
HVU	Hansel Valley	84.15 41	P	P	18 54 53.5 -1.2
HVU	Hansel Valley	84.15 41	P	P	19 05 11.0 +0.6
HVU	Hansel Valley	84.15 41	P	P	19 05 22.8 +0.3
QIZ	Qiongzong	84.18 293	P	P	18 54 46.6 +0.5
QIZ	Qiongzong	84.18 293	P	P	18 54 43.0 -3.1
QIZ	Qiongzong	84.18 293	P	P	18 54 46.5 0.0
QIZ	Qiongzong	84.18 293	P	P	18 54 45.2 -1.3
HLID	Hailey	84.18 39	P	P	18 54 46.6 +0.5
HLID	Hailey	84.18 39	eP	P	18 54 43.0 -3.1
TX31	Lajitas Ar. Si	84.19 56	eP	P	18 54 46.5 0.0
TXAR	Lajitas Array	84.19 56	P	P	18 54 45.2 -1.3
TXAR	Lajitas Array	84.19 56	P	P	19 25 58.9
GAMB	Gambell	84.19 1	eP	P	18 54 43.8 -1.7
BNM	Barren Site	84.26 50	eP	P	18 54 47.7 +0.8
B06A	Colville Reser	84.39 33	eP	P	18 54 48.3 +1.6
PMR	Palmer	84.42 12	eP	P	18 54 44.9 -1.7
C09A	Chrisman Ranch	84.59 34	PFAKE	LR	18 55 00.0 +1.2
C09A	Chrisman Ranch	84.59 34	PFAKE	LR	18 54 51.8 +3.6
CN2	Changchun	84.64 321	eP	P	18 54 46.7 -1.4
DIV	Divide	84.68 13	eP	P	18 54 50.1 +0.9
PV10	Paradox Valley	84.72 46	eP	P	18 54 49.5 +0.1
ANMO	Albuquerque	84.78 50	eP	P	18 54 49.5 +0.1
ANMO	Albuquerque	84.78 50	eP	P	18 54 49.0 -1.1
ANMO	Albuquerque	84.78 50	eP	P	18 54 49.0 -0.4
HWUT	Hardware Ranch	84.81 42	eP	P	18 54 47.5 -1.9
PV04	Paradox Valley	84.82 46	eP	P	18 54 48.7 -0.9
PV01	Paradox Valley	84.91 46	eP	P	18 54 49.6 -0.5
MA2	Magadan	84.94 343	eP	P	18 54 49.6 +0.2
WHN	Wuhan	85.43 305	PP	P	18 54 55.3 +2.8
NEW	Newport	85.48 34	PFAKE	LR	18 55 00.0 +7.6
S22A	4UR Ranch, Cre	85.90 47	P	P	18 54 55.7 +0.6
S22A	4UR Ranch, Cre	85.90 47	eP	P	18 54 57.5 +2.4
KTH	Kantishna Hill	85.91 10	eP	P	18 54 52.6 -1.6
TRF	Thorefare Mou	85.92 11	eP	P	18 54 52.9 -1.5
TIA	Tai'an	86.04 311	eP	P	18 54 56.5 +1.1

TNA	Tin City	86.10 3	eP	P	18 54 53.0 -1.9
DHY	Denali Highway	86.11 12	eP	P	18 54 55.6 +0.3
RND	Reindeer	86.14 11	eP	P	18 54 55.1 -0.2
MSO	Missoula	86.35 37	P	P	18 54 57.3 +0.4
530A	J-C Ranch, Com	86.36 56	P	P	18 54 56.0 -1.3
CMIG	Matias Romero	86.37 70	LR	LR	19 24 06.6
PAX	Paxson	86.39 13	P	P	18 54 54.8 -1.9
PAX	Paxson	86.39 13	P	P	18 54 54.8 -1.9
SMCO	Snowmass	86.52 46	eP	P	18 54 58.0 -0.8
PLCA	Paso Flores	86.56 132	LR	LR	19 24 42.2
IPM	Iphig	86.67 276	eP	P	18 54 56.1 -3.0
BW06	Boulder Array	86.69 42	eP	P	18 54 56.7 -2.1
BW06	Boulder Array	86.69 42	eP	P	18 54 56.7 -2.1
PD31	Pinedale Array	86.69 42	eP	P	18 54 59.0 +0.2
PDAR	Pinedale Array	86.69 42	eP	P	18 54 56.9 -2.0
PDAR	Pinedale Array	86.69 42	eP	P	19 30 09.0
SDCO	Great Sand Dun	86.82 48	PFAKE	LR	18 55 10.0 +1.0
SDCO	Great Sand Dun	86.82 48	PFAKE	LR	18 55 10.0 +1.0
H17A	Grant Village	86.94 40	PFAKE	LR	18 55 00.5 +0.2
H17A	Grant Village	86.94 40	PFAKE	LR	18 54 59.7 -0.6
531A	Rocksprings	86.99 56	P	P	18 54 56.4 -3.9
MSTX	Muleshoe	86.99 52	P	P	18 54 59.9 -0.9
MSTX	Muleshoe	86.99 52	P	P	18 54 59.9 -0.9
833A	Chaparral WMA	87.11 58	P	P	18 54 59.9 -0.9
034A	Hebbronville	87.15 60	P	P	18 54 59.9 -1.2
WRH	Wood River Hill	87.25 11	eP	P	18 55 00.1 -0.5
DOT	Dot Lake	87.29 13	eP	P	18 55 01.4 +0.5
SYO	Syowa Base	87.30 192	eP	P	18 5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THR6 Thira Island, ANOY Anoyia, SIVA Sivas, etc.

IDC 16 22:14:13.7.51.0, 18.94S, 173.36W, h0km, mb3.7/3, mb1 3.8/3, mb1mx3.6/21, mbtmp3.7/3, Error ellipse: s-maj=97.7.8km s-min=172.5km az=83.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warrungarra Arr, etc.

GUC 16 22:19:17.1.0.3, 21.10S, 68.87W, h133km, 2km, ML3.5, 3C-2D, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB01 IPOC Station P, PB09 ICOM Station P, PB07 IPOC Station P, etc.

DJA 16 22:47:32.6.0.8, 9.5S, 111.1E, h28km, 7km, M3.9/12, ML3.9/12, Jawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCJ1 Pacitan, UGM Wanagama, WOJ1 Wonogiri, etc.

IDC 16 23:34:28.7.0.9, 20.16N, 121.45E, h0km, mb3.8/6, mb1 4.0/6, mb1mx3.6/55, mbtmp3.8/6, MS3.0/2, Ms1 3.1/2, ms1mx2.6/44, Error ellipse: s-maj=71.8km s-min=18.1km az=68.0

ISCJB 16 23:34:29.3.0.5, 20.16N, 121.45E, h10km, mb4.0/11, MS2.8/2, Error ellipse: s-maj=13.8km s-min=4.9km az=177.0

NEIC 16 23:34:31.9.2.6, 20.10N, 121.34E, h21km, 19km, mb4.3/6, Error ellipse: s-maj=14.8km s-min=7.7km az=61.0

ISC 16 23:34:30.3.0.7, 20.12N, 120.04E, h10km, n20, az=70.2D, mb3.9/11, C, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PIP Pasauquin, TPUB Ta-pu, NACB Ninganchiao, etc.

IDC 16 23:38:26.0.0.9, 28.25N, 53.97E, h0km, mb3.7/15, mb1 3.9/17, mb1mx3.7/53, mbtmp3.7/17, ML3.5/2, Error ellipse: s-maj=20.0km s-min=16.5km az=21.0

THR 16 23:38:28.0.1.1, 28.24N, 54.09E, h16km, 10km, ML3.5 DSN 16 23:38:29.9.1.2, 28.53N, 54.50E, h10km, mb3.3/8, ML4.2/2,

Error ellipse: s-maj=25.8km s-min=6.6km az=46.0 OMAN 16 23:38:29.9.0.1, 28.51N, 54.05E, h116km, 11km, Error ellipse: s-maj=18.5km s-min=4.7km az=252.0 CSEM 16 23:38:29.9.0.1, 28.34N, 54.00E, h10km, ML3.5, Error ellipse: s-maj=4.4km s-min=2.8km az=67.0 ISCJB 16 23:38:29.2.0.3, 28.32N, 0.03S, 95E, h24km, mb3.6/14, Error ellipse: s-maj=6.3km s-min=3.4km az=154.5 TEH 16 23:38:29.9.28.29N, 54.01E, h9km, ML3.5 ISC 16 23:38:30.3.0.6, 28.33N, 0.05S, 93.99E, 0.04, h24km, n76, az=131.8/4, mb3.6/14, 16C-10D, Southern Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GHIR Ghir-Karzin, BNDS Bandar-Abbas, BNDS Bandar-Abbas, etc.

ICAZ 16 23:38:30.3.0.6, 28.33N, 0.05S, 93.99E, 0.04, h24km, n76, az=131.8/4, mb3.6/14, 16C-10D, Southern Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AHBH AHRAM, NGRK Negar Kerman, NGRK Negar Kerman, etc.

ISCJB 16 23:40:37.9.0.7, 26.83N, 0.09, 144.12E, 0.07, h10km, mb3.3/5, Error ellipse: s-maj=13.0km s-min=8.5km az=13.5

IDC 16 23:40:38.3.0.9, 26.76N, 144.11E, h0km, mb3.8/8, mb1 4.1/9, mb1mx3.8/41, mbtmp3.8/9, ML3.8/1, Error ellipse: s-maj=25.0km s-min=20.5km az=67.0

NEIC 16 23:40:39.7.0.5, 26.80N, 144.09E, h10km, mb4.4/3, Error ellipse: s-maj=13.5km s-min=8.6km az=69.0

ISC 16 23:40:39.9.0.9, 26.82N, 0.1, 144.02E, 0.09, h10km, n17, az=059/19, mb3.9/11, Bonin Islands region

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

HATD 16 23:42:55.1.0.1, 0.1257N, 95.31E, h0km, mb3.6/6, mb1 3.8/6, mb1mx3.5/43, mbtmp3.6/6, MS2.8/1, Ms1 2.8/1, ms1mx2.4/41, Error ellipse: s-maj=83.2km s-min=20.4km az=46.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAPI Kappang, GEYT Allibe, ZALV Zalesovo Beam, etc.

IDC 16 23:47:07.5.2.3, 21.01S, 115.58W, h0km, mb4.0/9, mb1 4.1/9, mb1mx3.9/34, mbtmp3.9/9, Error ellipse: s-maj=93.2km s-min=22.6km az=140.0

ISCJB 16 23:47:08.2.0.5, 21.02S, 115.70W, h10km, mb4.2/10, Error ellipse: s-maj=14.3km s-min=10.7km az=141.8

NEIC 16 23:47:09.1.0.3, 21.02S, 115.70W, h10km, mb4.2/10, Error ellipse: s-maj=8.9km s-min=6.7km az=141.0

ISC 16 23:47:10.0.0.1, 21.01S, 115.6W, 0.1, h16km, n24, az=050/21, mb4.1/18, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H10S2 ASCENSION HYDR12 363 346 T, H10S3 ASCENSION HYDR12 37 346 T, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, AAK Ala-Archa, AKTO Aktyubinsk, etc.

IDC 16 23:39:07.2.1.1, 26.92N, 141.47E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.5/42, mbtmp3.5/5, Error ellipse: s-maj=26.9km s-min=15.1km az=177.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JCJ Chichijima, SOJM Sogingo Array, WRA Warrungarra Arr, etc.

ISCJB 16 23:40:37.9.0.7, 26.83N, 0.09, 144.12E, 0.07, h10km, mb3.3/5, Error ellipse: s-maj=13.0km s-min=8.5km az=13.5

IDC 16 23:40:38.3.0.9, 26.76N, 144.11E, h0km, mb3.8/8, mb1 4.1/9, mb1mx3.8/41, mbtmp3.8/9, ML3.8/1, Error ellipse: s-maj=25.0km s-min=20.5km az=67.0

NEIC 16 23:40:39.7.0.5, 26.80N, 144.09E, h10km, mb4.4/3, Error ellipse: s-maj=13.5km s-min=8.6km az=69.0

ISC 16 23:40:39.9.0.9, 26.82N, 0.1, 144.02E, 0.09, h10km, n17, az=059/19, mb3.9/11, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBJ Chichi jima, JCJ Chichijima, MJAR Matsushiro Arr, etc.

IDC 16 23:42:55.1.0.1, 0.1257N, 95.31E, h0km, mb3.6/6, mb1 3.8/6, mb1mx3.5/43, mbtmp3.6/6, MS2.8/1, Ms1 2.8/1, ms1mx2.4/41, Error ellipse: s-maj=83.2km s-min=20.4km az=46.0, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAPI Kappang, GEYT Allibe, ZALV Zalesovo Beam, etc.

IDC 16 23:47:07.5.2.3, 21.01S, 115.58W, h0km, mb4.0/9, mb1 4.1/9, mb1mx3.9/34, mbtmp3.9/9, Error ellipse: s-maj=93.2km s-min=22.6km az=140.0

ISCJB 16 23:47:08.2.0.5, 21.02S, 115.70W, h10km, mb4.2/10, Error ellipse: s-maj=14.3km s-min=10.7km az=141.8

NEIC 16 23:47:09.1.0.3, 21.02S, 115.70W, h10km, mb4.2/10, Error ellipse: s-maj=8.9km s-min=6.7km az=141.0

ISC 16 23:47:10.0.0.1, 21.01S, 115.6W, 0.1, h16km, n24, az=050/21, mb4.1/18, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H10S2 ASCENSION HYDR12 363 346 T, H10S3 ASCENSION HYDR12 37 346 T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FINES, GYAT, KMI, CD2, LZH, PPT2, GYA, GYA, SONM, ASAR, WRA, ILAR, DHC, HHC, HHC, HHC, WHN, NJ2, MJAR.

ISK 17 00:11:09.4, 38.84N, 31.23E, h6km, MD2.7
ISCJB 17 00:11:10.4, 0.6, 38.90N, 0.04, 31.15E, 0.06, h13km, 6km,
Error ellipse: s-maj=7.9km s-min=6.6km az=23.1

CSEM 17 00:11:10.3, 0.3, 38.90N, 0.17, h5km, MD2.7, Error
ellipse: s-maj=7.6km s-min=6.0km az=25.0

DDA 17 00:11:11.2, 38.93N, 30.94E, h7km, MD2.7
ISC 17 00:11:10.3, 0.1, 38.93N, 0.02, 31.15E, 0.05, h9km, 12km,
n18, <0.95/29, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOLV, SHUT, SVRH, ESKT, KDHN, BORA, KONT, GULT.

UPP 17 00:28:46.4, 67.86N, 20.20E, h0km, ML 1.3, Mining
explosion, Sweden

CSEM 17 00:28:49.3, 0.5, 67.88N, 21.13E, h1km, ML1.4, Error
ellipse: s-maj=15.1km s-min=11.0km az=14.0, Mining
explosion, Sweden

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

IDC 17 00:43:15.8, 1.9, 26.68N, 143.92E, h0km, mb3,4/4,
mb1 3.6/4, mb1mx3.3/3.8, mbtmp3.4/4, Error ellipse:
s-maj=45.3km s-min=26.9km az=53.0, Bonin Islands
region

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

ISCJB 17 00:44:33.7, 0.9, 25.1N, 0.2, 141.1E, 0.2, h181km,
mb3,6/13, Error ellipse: s-maj=23.8km s-min=22.1km
az=172.9

IDC 17 00:44:35.7, 10.0, 25.07N, 141.16E, h184km, 99km,
mb3,4/13, mb1 3.6/13, mb1mx3.3/3.8, mbtmp3.9/13, Error
ellipse: s-maj=22.2km s-min=17.1km az=71.0

ISC 17 00:44:35.3, 0.9, 25.1N, 0.2, 141.1E, 0.2, h181km, n14,
<0.58/14, mb3,7/13, Volcano Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ILAR, INK, ARU, YKA, ARCES, KBZ, FINES, NVAR, AKASO, PLCA.

TIF 17 00:46:17.3, 0.4, 80.8N, 44.08E, h11km, 1km
CSEM 17 00:46:18.3, 0.2, 40.88N, 44.04E, h2km, MD2.8, Error
ellipse: s-maj=5.9km s-min=2.4km az=141.0

DDA 17 00:46:18.1, 0.4, 92.2N, 43.99E, h7km, MD2.8
ISC 17 00:46:18.1, 2, 40.91N, 0.04, 44.03E, 0.04, h5km, 12km,
n15, <0.28/30, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EAK, DIGO, KARS, KARS, KARS, TBGL, TBGL, TBGL, DGRG, DGRG, EPOS, EPOS, EPOS, ONI, ONI.

ISCJB 17 00:58:29.8, 0.7, 39.05N, 0.05, 27.81E, 0.05, h9km, 10km,
Error ellipse: s-maj=8.0km s-min=6.9km az=26.5

DDA 17 00:58:29.7, 39.06N, 27.80E, h7km, MD2.6
CSEM 17 00:58:30.1, 0.2, 39.05N, 0.27, 80E, h12km, MD2.7, Error
ellipse: s-maj=4.1km s-min=2.9km az=105.0

ISC 17 00:58:30.1, 39.02N, 27.84E, h10km, MD2.7, Error
ellipse: s-maj=4.1km s-min=2.9km az=105.0

ISC 17 00:58:30.2, 1, 39.05N, 0.03, 27.81E, 0.03, h13km, 7km,
n16, <0.34/26, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AKS, AKS, AKS, BALLY, BALLY, BALLY, DEMI, DEMI, DEMI, IZM, IZM, IZM, DST, DST, KULA, KULA, KULA, AYDB, AYDB, AYDB, TVSB, TVSB.

IDC 17 01:01:11.5, 1.2, 3.47N, 65.94E, h0km, mb3,5/6, mb1 3.7/6,
mb1mx3.5/3.1, mbtmp3.5/6, Error ellipse: s-maj=44.9km
s-min=25.8km az=41.0, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H08N2, H08N3, H08N1, H08S3, H08S1, H08S2, MKAR, BRTR, ZALV, H01W2, H01W1, TORD, WRA, ASAR, TXAR.

YARS 17 01:02:06.4, 0.4, 57.85N, 0.02, 128.06E, 0.04, h10km,
Southeastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ALDR, ALDR, ALDR, CGD, CGD, CGD, CLNS, CLNS, IENR, IENR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BMKR, KROS, TBGR, ZEA, USMR, YAK, YAK.

ISCJB 17 01:02:58.9, 1.5, 12.4N, 0.3, 87.9W, 0.3, h50km, mb3,6/5,
Error ellipse: s-maj=5.2km s-min=8.9km az=44.5

IDC 17 01:02:59.7, 6.7, 12.51N, 87.98W, h33km, 55km, mb3,5/5,
mb1 3.7/6, mb1mx3.4/3.3, mbtmp3.6/6, ML2.7/1, MS2.4/1,
Ms1 2.4/1, ms1mx2.3/2.5, Error ellipse: s-maj=5.72km
s-min=28.5km az=41.0

ISC 17 01:02:59.9, 1.6, 12.3N, 0.3, 88.0W, 0.3, h50km, n7, <1.925/9,
mb3,5/5, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JTS, JTS, TXAR, NVAR, ULAM, SCHO, YKA, CMAR.

MEX 17 01:17:01.0, 0.5, 16.12N, 98.13W, h4km, 4km, MD3.7, Near
coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PNIG, TLIG, VHO, HUIG, HUIG, CAIG, PLIG, YAIG, YAIG, ARIG, ARIG.

ISCJB 17 01:26:30.2, 0.8, 38.93N, 0.07, 68.8E, 0.05, h10km,
mb3,4/6, Error ellipse: s-maj=10.4km s-min=4.9km
az=163.0

IDC 17 01:26:30.6, 0.8, 38.50N, 69.23E, h19km, 4km, mb3,4/6,
mb1 3.6/14, mb1mx3.4/4.8, mbtmp3.5/14, ML3.2/7, Error
ellipse: s-maj=16.9km s-min=12.0km az=154.0

NNC 17 01:26:32.4, 2.4, 38.93N, 69.06E, h0km, mb4.1, mpv3.7,
Error ellipse: s-maj=2.4km s-min=1.2km az=175.0

ISC 17 01:26:31.7, 0.9, 38.80N, 0.03, 69.00E, 0.06, h10km, n30,
<1.74/44, mb3,5/6, ISC-10D Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KK31, MNAS, MNAS, AML, EKS2, UCH, AAK, AAK, AAK, AAK, USP, TKM2, TKM2, GYET, GYET, PDGK, PDGK, OTUK, OTUK, AB31, MKAR, KURBB, KURBB, VOSK, VOSK, AKTO, AKTO.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Ostrava-Krasne, Malatya, Tescani, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KLMR, ARCES, ABKAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like JTK, JOKE, JAMN, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Santo Domingo, Lajitas Array, TXAR, etc.

SOME 17 04:53:55.3, 39° 63'N, 76° 88'E, h5km
NNC 17 04:53:59.4, 8, 39° 87'N, 77° 00'E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=40.3km s-min=27.1km az=168.0

ISC 17 04:54:00.9, 2.5, 39.99N, 0.1: 76.96E, 0.07, h10km, n10, r192/18, 3C-9D, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TNS5, TNS5, TKM2, etc.

IDC 17 05:01:33.0, 1.8, 7° 04'S, 128° 89'E, h0km, mb3.7/3, mb1 3.9/5, mb1mx3.7/36, mbtmp3.8/5, ML4.1/2, MS3.3/1, Ms1 3.4/1, ms1mx2.6/33, Error ellipse: s-maj=198.6km s-min=29.2km az=68.0

ISCJB 17 05:01:45.1, 0.6, 7.09S, 0.06: 129.9E, 0.1, h150km, mb3.5/3, Error ellipse: s-maj=15.5km s-min=7.6km az=171.9

DJA 17 05:01:46.0, 0.6, 7° S, 4° 13' 0E, h157km, 26km, M4.3/6, mb4.9/2, mb4.6/1, 0.7, 0.95S, 0.03: 129.9E, 0.1, h150km, n11, r157/10, mb3.4/3, Banda Sea

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

ISCJB 17 05:03:47.3, 0.6, 45° 40'N, 0° 03': 14° 45'E, h5km, 5km, Error ellipse: s-maj=5.2km s-min=2.9km az=14.8

ROM 17 05:03:47.5, 1.1, 45° 27'N, 14° 34'E, h10km, M2/6.4, M12/1/3, Error ellipse: s-maj=25.6km s-min=10.9km az=58.0

CSEM 17 05:03:48.0, 0.3, 45° 41'N, 14° 43'E, h5km, ML2.7/12, Error ellipse: s-maj=4.6km s-min=2.5km az=10.0

LJU 17 05:03:48.2, 45° 45'N, 14° 45'E, h12km, ML.7, LIE 17 05:03:48.2, 0.5, 45° 43'N, 14° 45'E, h7km, 2km, mb1.5/3, m12.1/4, Error ellipse: s-maj=3.2km s-min=1.9km az=171.0

ISC 17 05:03:48.7, 0.9, 45° 46'N, 0° 03': 14° 45'E, 0.02, h8km, 6km, n83, r108/135, 6C-9D, Northwestern Balkan Peninsula

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 17 05:15:54.1, 13.0, 2° 30'S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 17 05:28:59.1, 1.7, 16° 67'S, etc.

IDC 17 05:48:31.1, 1.1, 27° 26'N, 143° 27'E, h0km, mb3.7/8, mb1 3.8/9, mb1mx3.6/34, mbtmp3.6/9, ML3.7/1, MS3.4/1, Ms1 3.4/1, ms1mx2.4/40, Error ellipse: s-maj=24.6km s-min=18.5km az=133.0

ISCJB 17 05:48:33.8, 0.9, 27° 30'N, 0° 1': 143° 40'E, 0.1, h33km, mb4.0/9, MS3.4/1, Error ellipse: s-maj=18.2km s-min=10.6km az=151.0

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

IDC 17 06:04:14.0, 4.5, 5° 25'S, 149° 25'E, h0km, mb1.2/4, mb1 3.4/5, mb1mx3.4/33, mbtmp3.3/5, ML1.3/1, Error ellipse: s-maj=150.7km s-min=22.9km az=104.0, New Britain region

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

IDC 17 06:11:17.1, 1.2, 64° 08'N, 86° 55'E, h0km, mb1 3.2/2, mb1mx3.0/49, mbtmp3.2/2, ML2.9/2, 4C, Error ellipse: s-maj=21.6km s-min=13.0km az=54.0, Southwestern Siberia

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

IDC 17 06:16:25.4, 0.9, 26° 75'N, 141° 53'E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.5/30, mbtmp3.5/5, Error ellipse: s-maj=28.1km s-min=15.5km az=139.0, Bonin Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MJAR Matushiro Arr, MAJ Matushiro, MAJ Matushiro, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, MAW Mawson, KDKA Kodiak Island, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMBQ, FURI, AAE, ATD, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like OKC, GERE, MORC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CMAR, MAW, GAOTAI, etc.

ISCJB 17 08:31:17.8;0.5;27.37N;0.0;143.45E;0.05, h10km, mb4, 0/20, Error ellipse: s-maj=8.2km s-min=4.9km

IDC 17 08:31:18.3;0.7;27.32N;143.39E, h0km, mb3, 8/14, m1 3/9/16, m1m1mx3 8/44, m1m3p 8/16, ML3.6/2, MS3.0/2, Ms1 3/0/2, ms1m2x6/31, Error ellipse: s-maj=19.4km s-min=18.1km az=99.0

NEIC 17 08:31:19.0;6.3;27.29N;143.38E, h10km, mb4, 2/5, Error ellipse: s-maj=8.2km s-min=5.8km az=75.0

JMA 17 08:31:22.6;0.1;27.45N;143.25E, h63km, M3.6

ISC 17 08:31:19.7;0.6;27.31N;0.08;143.38E;0.06, h10km, n38, 0.059/41, mb4, 0/20, Bonin Islands region

Table with columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like CBJI, JCHJ, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PWJI, SBUM, ABJI, BTM, BBKI, JAGI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LSA, LSA, LSA, CD2, CD2, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like STKA, STKA, KSAR, KSRS, KSRS, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like BVAR Borovoye Array, BRVK Borovoye, BOD Bodaibo, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like KLMR Klimovskoe, VYDA Vanda, AKASG Maini Array, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like YKA Yellowknife Arr, IDC 17 11:38:11.6, etc.

DJA 17 13:20:46.8, 1.0, 2.1N, 5.9, 9.6E, 1.1h10km, M3.2/3, MLV3.2/3
 ISCJB 17 13:20:47.2, 0.9, 2.06N, 0.07, 9.6E, 0.08, h33km,
 mb3.3/5, Error ellipse: s-maj=11.2km s-min=10.1km
 az=150.0
 IDC 17 13:21:02.5, 5.9, 2.48N, 97.29E, h145km, 42km, mb2.9/5,
 mb1.3/0.6, mb1mx2.9/53, mbtmp3.4/6, Error ellipse:
 s-maj=90.9km s-min=19.9km az=57.0
 ISC 17 13:20:48.6, 1.3, 2.14N, 0.08, 96.48E, 0.09, h33km, n14,
 #137/13, mb3.2/5, Northern Sumatara

Code	Station Name	Δ°	ΔZ'	Phase ID	ISC	h	m	s	ISC	Time	Res
TPTI		1.31	32	P	Pn	13	21	09.5	-1.2		
TPTI				S	Sb	13	21	27.9	-1.4		
GSI	Gunungsitoli	1.37	127	P	Pn	13	21	11.1	+0.3		
MLSI	Meulaboh, Aceh	2.12	358	P	Pn	13	21	22.1	+0.4		
PSI	Prapat	2.53	75	P	Pb	13	21	33.6	+0.2		
PSI		0.9nm, 0.3s, baz=305, slow=2.6, SNR=7.1		S	Sb	13	21	57.2	+0.1		
PSI		0.9nm, 0.3s, baz=270, slow=8.4, SNR=4.2		Pn	Pn	13	21	29.8	+2.4		
CMAR	Chiang Mai Arr	16.40	8	P	P	13	24	32.7	+0.3		
H08S2	Diego Garcia H	25.83	248	T	T	13	53	00.9			
H08S3	Diego Garcia H	25.83	248	T	T	13	53	06.6			
H08S1	Diego Garcia H	25.85	248	T	T	13	53	07.6			
WRA	Warramunga Arr	43.14	122	P	P	13	28	43.8	-2.6		
ASAR	Alice Springs	44.53	127	P	P	13	28	57.6	+0.1		
MKAR	Makanchi Array	46.17	346	P	P	13	29	11.3	+1.1		
KURBB	Kurchatov Arr	50.65	345	P	P	13	29	45.2	+0.7		
ZALV	Zalesovo Beam	52.53	351	P	P	13	29	59.5	+1.0		

SCB 17 13:21:12.3, 0.5, 14.27S, 68.65W, h45km, M4.2/3, 1C,
 Error ellipse: s-maj=22.7km s-min=10.0km az=81.0,
 Peru-Bolivia border region

Code	Station Name	Δ°	ΔZ'	Phase ID	ISC	h	m	s	ISC	Time	Res
LPAZ	La Paz	2.07	166	17h	Pn	13	21	50.3	+4.9		
LPAZ		542nm, 0.6s		eSn	Pn	13	22	17.3	+6.7		

NIED 17 13:25:00, 27.50N, 143.30E, h5km, Mw4.4 Best double
 couple: M4.53000x1015 NP1.9e195.00000°, 866.00000°,
 1.25.00000°, NP2.9e296.00000°, 867.00000°,
 1.154.00000°
 BUJ 17 13:25:30.9, 27.20N, 143.18E, h9km, mb4.7/57, mB5.0/43,
 M4.4/28, M5.7/42/29
 IDC 17 13:25:32.7, 0.5, 27.34N, 143.23E, h0km, mb4.5/23,
 mb1.4/7/26, mb1mx4.6/40, mbtmp4.5/26, ML3.6/3, MS3.6/14,
 Mb1.3/6/14, ms1mx3.4/40, Error ellipse: s-maj=13.2km
 s-min=11.8km az=103.0
 NEIC 17 13:25:34.5, 0.2, 27.34N, 143.12E, h10km, mb4.9/40, Error
 ellipse: s-maj=5.8km s-min=4.6km az=158.0
 MOS 17 13:25:34.7, 0.9, 27.32N, 143.16E, h27km, mb4.8/42, Error
 ellipse: s-maj=13.9km s-min=6.2km az=114.4
 JMA 17 13:25:35.1, 0.1, 27.46N, 143.34E, h52km, M4.5
 ISCJB 17 13:25:35.5, 0.9, 27.59N, 0.03, 143.04E, 0.04, h19km, 6km,
 mb4.8/109, MS3.9/19, Error ellipse: s-maj=5.8km
 s-min=4.6km az=28.8
 ISC 17 13:25:34.7, 1.6, 27.46N, 0.05, 143.15E, 0.05, h11km, 9km,
 n209, #146/225, mb4.8/109, M4.0/19, 7C-6D, Bonin
 Islands region

Code	Station Name	Δ°	ΔZ'	Phase ID	ISC	h	m	s	ISC	Time	Res
CBJI	Chichi jima	0.93	248	P	Pn	13	25	54.4	+0.6		
CBJI				S	Sb	13	26	09.1	+1.9		
CBJI	Chichi jima	0.93	248	eP	Pn	13	25	54.4	+0.6		
CBJI				Sn	Sb	13	26	10.0	+2.8		
JCJ	Chichijima	0.93	247	P	Pn	13	25	54.5	+0.7		
JCJ		308nm, 0.3s, baz=58, slow=6.4, SNR=55		Sn	Pn	13	26	10.0	+2.8		
JHHJ	Haha-jima-NKT	1.20	227	P	Pb	13	25	57.7	+0.3		
JHHJ				S	Sb	13	26	14.2	+0.5		
BSO3	Boso 3	7.66	343	P	Pn	13	27	27.3	+1.2		
BSO4	Boso 4	7.89	343	P	Pn	13	27	31.9	+2.6		
JOD2	Odawara 2	8.52	337	P	Pn	13	28	38.0	-0.1		
JHU	Hanno	8.99	339	P	Pn	13	27	44.6	-0.0		
JRY	Ryogami san	9.27	338	P	Pn	13	29	21.6	-4.3		
JRY				S	Sb	13	27	49.1	+0.7		
JHO	Hitachi	9.39	347	P	Pn	13	29	30.5	-2.2		
JHO				S	Sb	13	29	27.9	-7.6		
JAG	Ashikaga	9.48	342	P	Pn	13	27	50.4	-0.8		
JAG				S	Sb	13	29	33.0	-4.8		
MJAR	Matsushiro Arr	9.98	336	P	Pn	13	27	58.4	+0.2		
MJAR		1.8nm, 0.3s, baz=161, slow=11, SNR=24		Sn	Pn	13	29	53.4	+3.2		
MAJO	Matsushiro	9.98	336	eP	Pn	13	27	58.0	-0.2		
MAJO				Pn	Pn	13	28	56.5	+0.5		
MAT	Matsushiro	9.98	336	P	Pn	13	27	57.9	-0.3		
MAT				eS	Sb	13	29	48.9	-1.3		
JMK	Ichinoseki	11.58	352	P	Pn	13	28	18.2	-1.8		
JMK				S	Sb	13	30	18.0	-1.1		
JNU	Nakatsue	12.01	301	LR	LR	13	33	19.2			
ERM	Ermo	14.53	0	P	Pn	13	29	00.0	-0.2		
KSR5	Korea Array	16.24	312	Pn	Pn	13	29	23.2	+0.3		
KSR5		0.2nm, 0.3s, baz=120, slow=12, SNR=16		LR	LR	13	36	01.4			
KSAR	Wonju Array Be	16.26	312	Pn	Pn	13	29	23.2	0.0		
ASAJ	Asahikawa	16.63	359	LR	LR	13	30	02.5			
ASAJ		comp=Z, 177nm, 19.1s, baz=198, slow=45		P	P	13	29	29.4	-0.9		
INCN	Inchon	17.13	310	eP	Pn	13	29	37.9	+2.1		
USRK	Ussuriysk Ar.	18.97	335	P	Pn	13	29	58.9	+2.2		
YSS	Yuzh-Sakhalins	19.46	359	eP	Pn	13	30	17.0	+1.4		
YHNB	Yeheng	19.75	267	eP	Pn	13	30	04.9	0.0		
MDJ	Mudanjiang	20.28	331	P	Pn	13	30	12.0	-0.4		
MDJ		comp=Z, 54nm, 0.7s		pmx	pmx						
MDJ		comp=Z, 270nm, 5.5s		pmx	pmx						
MDJ		48nm, 0.8s		eP	Pn	13	30	11.2	+0.8		
SSLB	Suaniung	20.34	265	eP	Pn	13	30	12.6	-0.7		
SNY	Shenyang	21.49	317	17h	P	13	30	24.4	+1.0		
SNY		comp=Z, 177nm, 1.1s		pmx	pmx						
NJ2	Nanjing	21.57	288	eP	P	13	30	23.6	-0.8		
SNY		comp=Z, 177nm, 0.7s		pmx	pmx						
CN2	Changchun	21.68	323	eP	P	13	30	28.4	+3.0		
CN2				eS	Sb	13	34	24.8	-0.5		
CN2		comp=Z, 10nm, 1.0s		pmx	pmx						
CN2		comp=Z, 200nm, 4.0s		LR	LR						
CN2		comp=N, 400nm, 12.0s		LR	LR						
CN2		comp=E, 500nm, 12.0s		LR	LR						
SZP	Santa	23.13	250	eP	P	13	30	40.4	-0.8		
WHJ	Wuhan	25.35	284	P	P	13	31	02.8	+1.0		
BNI	Beijing	25.59	306	P	P	13	31	03.1	-0.9		
BJI				S	Sb	13	35	28.6	-3.3		
BJI		comp=Z, 177nm, 1.0s		pmx	pmx						

BJI		comp=Z, 310nm, 6.5s		pmx	pmx						
BJI		comp=N, 240nm, 16.6s		LR	LR						
BJI		comp=E, 440nm, 19.1s		LR	LR						
BJI		comp=Z, 320nm, 19.1s		LR	LR						
NKLL	Nikolayevsk	25.73	357	eP	P	13	31	05.9	+0.8		
NKLL				eP	P	13	31	19.8			
NKLL		comp=Z, 233nm, 1.0s		pmx	pmx						
PETK	Petrovavsk	27.81	19	LR	LR	13	44	59.7			
HIA	Hailar	28.27	327	eP	P	13	31	29.0	+1.0		
HIA		comp=Z, 24nm, 0.8s		pmx	pmx						
HHC	Hu-ho-hao-te	29.18	305	eP	P	13	31	35.8	-0.5		
HHC				eP	P	13	32	35.8	-6.3		
HHC				S	Sb	13	36	22.4	-6.3		
HHC		comp=Z, 24nm, 1.0s		pmx	pmx						
HHC		comp=Z, 190nm, 5.0s		pmx	pmx						
HHC		comp=Z, 530nm, 12.3s		LR	LR						
HHC		comp=Z, 530nm, 12.9s		LR	LR						
XAN	Xi'an	30.04	291	P	P	13	31	43.0	-1.0		
XAN		comp=Z, 510nm, 12.4s		pP	pP	13	31	47.1	-0.1		
XAN		comp=Z, 21nm, 1.1s		pmx	pmx						
XAN		comp=Z, 120nm, 5.3s		pmx	pmx						
GYA	Guiyang	32.46	277	eP	P	13	32	06.8	+1.3		
GYA				Pn	Pn	13	33	13.8	+1.1		
GYA				S	Sb	13	37	19.9	-0.6		
GYA				ScP	ScP	13	38	37.0	+0.5		
GYA				SS	SSn	13	39	13.3	-0.1		
GYA		comp=Z, 20nm, 0.8s		pmx	pmx						
GYA		comp=Z, 120nm, 4.9s		pmx	pmx						
GYA		comp=Z, 470nm, 18.2s		LR	LR						
GYA		comp=Z, 440nm, 19.0s		LR	LR						
GYA		comp=Z, 430nm, 18.4s		LR	LR						
MA2	Magadan	32.54	7	eP	P	13	32	06.5	+0.9		
LZH	Lanzhou	34.32	294	eP	P						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, ABKAR Akbulak array, BRTR Keskin Array B, etc.

IDC 17 14:08:57.0.4.2.20'34S.168'10E, h0km, mb3.9/4, mb1.4/2.4, mb1.8/3.0, mb1m3.9/4, MS3.2/2, Ms1.3/2.2, ms1mx2.7/2.6, Error ellipse: s-maj=1.1, 3.3km s-min=29.5km az=133.0, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, PMG Port Inesby, STKA Stephens Creek, etc.

IDC 17 14:21:17.3.0.7.0.26'S.124'43E, h0km, mb4.0/10, mb1.4/1.10, mb1mx3.8/3.4, mb1m4.0/10, Error ellipse: s-maj=76.7km s-min=14.2km az=63.0

IDC 17 14:21:22.7.0.4.0.03'N.0.06.125'04E.0.10, h53km, mb4.0/12, Error ellipse: s-maj=8.6km s-min=5.4km az=15.9

DJA 17 14:21:22.5.0.4.0.0'N.6.12'5E, h10km, M4.4/15, mb4.9/11, mb4.7/5, MLV4.3/13, MLV4.4/15, Mw(mb)4.2/1

NEIC 17 14:21:26.1.1.0.0.10'S.125'04E, h73km, 10km, mb4.4/2, Error ellipse: s-maj=7.7km s-min=10.1km az=60.0

ISC 17 14:21:24.7.1.0.0.02'N.0.07.125'11E.0.04, h53km, n31, s=159/33, mb3.9/12, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GTOI Gorontalo, SANI Sarana, TMTI Ternate, etc.

ISCJB 17 14:30:25.8.0.5.1.88S.0'06.100'32E.0'07, h56km, mb4.2/15, MS2.7/1, Error ellipse: s-maj=11.3km s-min=6.5km az=149.3

DJA 17 14:30:27.0.9.2.2.4.10'0E, h33km, 15km, M4.2/9, mb4.3/1, MLV4.1/9

NEIC 17 14:30:28.2.1.4.1.95S.100'41E, h70km, 9km, mb4.4/4, Error ellipse: s-maj=20.9km s-min=9.1km az=47.0

IDC 17 14:30:29.1.4.2.1.91S.100'38E, h75km, 34km, mb3.8/12, mb1.3/9/13, mb1mx3.6/4.2, mb1m4.1/13, MS2.7/1, Ms1.2/7/1, ms1mx2.7/4.2, Error ellipse: s-maj=47.5km s-min=14.3km az=53.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PDSI Padang, PPSI Pulau Pagai, PPI Padang Panjang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSRM Korea Array, SONMS Songoing Array, SONM SONGING ARRAY, etc.

DDA 17 14:34:26.5.41'39N.44'37E, h7km, Md2.6 TIF 17 14:34:26.6.41'44N.44'43E, h0km

ISCJB 17 14:34:27.3.0.7.41'33N.0'04.44'43E.0'05, h2km, 7km, Error ellipse: s-maj=7.7km s-min=5.4km az=37.3

CSEM 17 14:34:27.2.0.2.41'36N.44'39E, h3km, 2km, ML2.6, Error ellipse: s-maj=8.1km s-min=4.1km az=138.0

ISC 17 14:34:27.3.1.0.41'35N.0'05.44'39E.0'04, h5km, 6km, n10, s=61/20, Western Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KZR Kazreti, TBLG Delisi, DGRG David-gareji, etc.

TAP 17 14:40:59.3.21'23N.122'21E, h140km, 1km, ML3.5, 2C, D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LAY Lan-yu, TSEB Hengchuen, TWK1 Hengchun, etc.

ISCJB 17 15:05:35.7.2.0.38'56N.70'30E, h0km, mb4.2, mpv4.0, Error ellipse: s-maj=17.4km s-min=13.4km az=152.0

IDC 17 15:05:35.4.1.4.38'51N.70'57E, h0km, mb3.7/5, mb1.3/7/11, mb1mx3.5/4.0, mb1m3.6/11, ML3.2/6, MS3.8/1, Ms1.3.8/1, ms1mx2.4/3.9, Error ellipse: s-maj=25.2km s-min=15.0km az=142.0

ISCJB 17 15:05:37.0.8.38'57N.0'07.70'23E.0'09, h23km, mb3.6/5, MS3.8/1, Error ellipse: s-maj=12.1km s-min=7.6km az=138.4

ISC 17 15:05:39.7.1.1.38'55N.0'09.70'12E.0'08, h23km, n29, s=165/32, mb3.5/5, 11C-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WTP Ta-pu, WTP Ta-pu, WTP Ta-pu, etc.

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

NSSP 17 14:50:29.8.38'53N.45'00E, h10km, ML2.9 CSEM 17 14:50:31.3.0.3.38'51N.44'67E, h2km, ML2.7, Error ellipse: s-maj=10.3km s-min=4.5km az=15.0

TEH 17 14:50:31.8.38'64N.44'69E, h4km, Md3.7 DDA 17 14:50:34.0.38'91N.44'65E, h7km, Md3.1

ISC 17 14:50:31.7.1.2.38'60N.0'04.44'71E.0'02, h6km, 11km, n29, s=111/39, 1C, Turkey-Iran border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISHB Shabestar, IMRD Marand, VMUR Van-Muradiye, etc.

IBST Bostanabad, IBST Bostanabad, IBST Bostanabad, Error ellipse: s-maj=1.94 km s-min=1.94 km az=151.37

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

NINC 17 15:05:35.7.2.0.38'56N.70'30E, h0km, mb4.2, mpv4.0, Error ellipse: s-maj=17.4km s-min=13.4km az=152.0

IDC 17 15:05:35.4.1.4.38'51N.70'57E, h0km, mb3.7/5, mb1.3/7/11, mb1mx3.5/4.0, mb1m3.6/11, ML3.2/6, MS3.8/1, Ms1.3.8/1, ms1mx2.4/3.9, Error ellipse: s-maj=25.2km s-min=15.0km az=142.0

ISCJB 17 15:05:37.0.8.38'57N.0'07.70'23E.0'09, h23km, mb3.6/5, MS3.8/1, Error ellipse: s-maj=12.1km s-min=7.6km az=138.4

ISC 17 15:05:39.7.1.1.38'55N.0'09.70'12E.0'08, h23km, n29, s=165/32, mb3.5/5, 11C-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNAS Manas, MNAS Manas, AML Almayashu, etc.

Table with columns: AKTO, ZALV, FINES, ARCES, TORO, YKA, WRA. Includes station names, coordinates, and times.

Table with columns: MEX, Code, Station Name, Az, Az', Phase ID, Time Res. Includes station names like Comitan and coordinates.

WEL 17 15:34:53.0 ± 0.1, 39°09'S x 175°75'E, h92km±1km, ML3.5/14, 16C-21D. Error ellipse: s-maj=1.1km s-min=0.7km az=90.0, North Island

Main table listing stations with columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like KAREWAREWA, OTURERE, KAKARAMEA, etc.

Table listing stations with columns: DUWZ, PAWZ, TRWZ, WEL, MSWJ, TCW, BHW, CRUZ, WLMZ, TUWZ, MNZ, GRZ, THZ, KHZ, DSZ, CRNZ, OXZ, MQZ, CTZ. Includes station names and coordinates.

IDC 17 15:47:31.6 ± 2.7, 4°18'N-94°21'E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.5/4, mb1mp3.5/5, ML4.2/1, Error ellipse: s-maj=110.7km s-min=23.5km az=59.0, Off west coast of northern Sumatra

Table listing stations with columns: CMAR, MKAR, WRR, ASAR, KURBB. Includes station names and coordinates.

NIED 17 15:49:00.33±0.00N, 136°70'E, h5km, Mw3.9 Best double couple: M1: 430000, 1014, NP1: 57, 000000, 876, 000000, 1-2, 000000, NP2: 147, 000000, 888, 000000, 1-166, 000000.

IDC 17 15:49:19.6 ± 0.9, 33°01'N-136°63'E, h0km, mb3.7/9, mb1 3.2/8, mb1mx3.6/45, mb1mp3.7/12, ML3.3/3, MS3.2/8, Ms1 3.2/8, ms1mx3.0/37, Error ellipse: s-maj=25.0km s-min=17.5km az=74.0

JMA 17 15:49:20.5 ± 0.1, 33°04'N-136°67'E, h48km±2km, M3.8, ISC 17 15:49:19.1 ± 1.9, 33°14'N-136°66'E, 0.04, h1km±11km, n40, r1903/40, mb3.6/9, MS3.4/3, 4C-5D, Near south coast of western Honshu

Main table listing stations with columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like TONANKAI, TOKAI, JIE, JMW, JWW, JYU, TSU, TKO, JHE, JAJ, JAI, MAT, MJAR, MJAR, JNU, JCJ, KSRS, USRK, ASAJ, SONM, MA2, YAKUTS, H1K2, H1N1, H1N3, H1S1, H1S2, CMAR, MKAR, KURBB, WRA, ASAR, STKA, YTKA, FINES.

IDC 17 15:53:37.5 ± 2.5, 12°77'N-86°23'W, h112km±40km, mb3.1/4, mb1 3.4/6, mb1mx3.2/33, mb1mp3.5/6, Error ellipse: s-maj=76.6km s-min=23.1km az=48.0

ISCJB 17 15:53:38.6 ± 0.5, 12°18'N-06°86'92"W, 0.05, h121km±5km, mb3.4/4, Error ellipse: s-maj=11.8km s-min=3.5km az=38.4

CASC 17 15:53:39.4 ± 2.4, 12°14'N-86°98'W, h108km±10km, MD4.1, ML4.0

ISC 17 15:53:38.5 ± 0.9, 12°21'N-06°86'91"W, 0.06, h122km±6km, n36, r127/50, mb3.2/4, 3D, Nicaragua

Main table listing stations with columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like COPN, CRIN, TELM, MOMO, SAN, XAVN, CRUN, MGAN, ESTN, BOAC, BOACB, CONCH, CNOCH, VSM, PACA, PACA, TGUH, TGUH, TECA, LFRS, LFRS, SPEN, SPEN, JTS, JTS, BOQS, BOQS, JCR, JCR, MONT, MONT, CGAZ, CGAZ, RBDL, RBDL, CUSU, CUSU, BUS, BUS, BUS, BUS, CMIG, CMIG, TXAR, TXAR, PDAR, PDAR, ULM, ULM, YKA, YKA, ASAR, ASAR, WRA, WRA, TAP, TAP, ISCJB, ISCJB, JMA, JMA, ISC, ISC, Code, Station Name, Az, Az', Phase ID, Time Res.

DDA 17 16:15:03.0 ± 0.4, 70°44'N-41°24'E, h7km, Md2.8 CSEM 17 16:15:03.0 ± 0.2, 70°43'N-41°22'E, h2km, Md2.8, Error ellipse: s-maj=5.8km s-min=3.9km az=150.0

ISK 17 16:15:04.3 ± 0.1, 40°61'N-41°17'E, h17km, Md2.5 ISC 17 16:15:03.3 ± 1.1, 40°74'N-03°41'22'E, 0.03, h7km±11km, n20, r081/37, Turkey

Table listing stations with columns: DDEM, DDEM, DDEM, DBAD, DBAD, DBAD, DAGI, DAGI, ARTV, ARTV, ARTV, ARTV. Includes station names and coordinates.

Q20A	White River Ci	52.28	71	eP	P	17 00 10.1 +0.1
I25A	Rochford	52.29	65	P	P	17 00 10.0 0.0
B30A	Myrvik Farm, E	52.32	57	P	P	17 00 09.3 -0.7
G27A	Dupree	52.39	62	P	P	17 00 10.6 0.0
ULM	Lac du Bonnet	52.40	54	P	P	17 00 10.5 -0.1
I26A	New Underwood	52.76	64	P	P	17 00 13.7 +0.4
H27A	Hoves	52.79	63	P	P	17 00 13.6 0.0
D30A	Buchanan	52.96	59	P	P	17 00 14.6 -0.1
SUMG	Summit	53.02	12	iP	Pmax	17 00 15.5 +0.3
SUMG	Summit	53.02	12	iP	P	17 00 15.5 +0.3
SUMG	Summit	53.02	12	eP	P	17 00 13.3 -2.0
C31A	Landman Farms,	53.04	57	P	P	17 00 15.0 -0.3
I27A	Quinn	53.17	63	P	P	17 00 16.8 +0.4
H28A	Mission Ridge	53.34	62	P	P	17 00 18.0 +0.4
AGMN	Agassiz Nation	53.67	56	P	P	17 00 19.7 -0.2
AGMN	Agassiz Nation	53.67	56	eP	P	17 00 19.1 -0.8
I28A	Midland	53.70	63	P	P	17 00 20.2 -0.1
J27A	Elkhorn Farm,	53.74	64	P	P	17 00 20.6 0.0
E31A	Nome	53.77	59	P	P	17 00 20.4 -0.2
H29A	Onida	53.81	62	P	P	17 00 21.0 0.0
F31A	Hecla	54.04	60	P	P	17 00 21.6 -1.0
J28A	Allard Ranch,	54.05	64	P	P	17 00 23.5 +0.7
G30A	Faulton	54.05	61	P	P	17 00 22.5 -0.2
C33A	Trail	54.07	56	P	P	17 00 23.5 +0.7
B34A	Aery, Baudette	54.16	55	P	P	17 00 23.1 -0.4
K28A	Ten Mile Ranch	54.45	64	P	P	17 00 26.7 +1.0
G31A	Conde	54.48	60	P	P	17 00 25.9 +0.1
J29A	Okreek	54.55	63	P	P	17 00 26.7 +0.2
CD2	Chengdu	54.68	276	eP	P	17 00 26.5 -1.0
CD2				sP	sP	17 01 00.0 +1.9
CD2				PP	PP	17 02 29.8 -0.8
CD2				PcS	PcS	17 05 28.3 -0.9
CD2				S	S	17 07 59.1 -2.0
CD2				sS	sS	17 08 38.8 +1.7
CD2				SS	SS	17 11 44.3 -0.3
CD2	comp=Z,10.0nm,0.5s			Pmax	Pmax	
B35A	Bob, LITTLEOR	54.70	55	P	P	17 00 27.2 -0.1
I30A	Oacoma	54.70	62	P	P	17 00 27.6 +0.1
D34A	Park Rapids	54.81	57	P	P	17 00 28.0 -0.2
L28A	Connealy Angus	54.83	65	P	P	17 00 28.7 +0.1
G32A	Webster	54.83	60	P	P	17 00 28.2 -0.2
Q24A	Divide	54.84	70	P	P	17 00 28.9 0.0
C35A	Jirik Farms, M	55.02	56	P	P	17 00 29.6 -0.1
J30A	Dallas	55.06	63	P	P	17 00 30.3 +0.2
F33A	5 Mile Ranch,	55.08	58	P	P	17 00 29.9 -0.2
KURK	Kurchatov	55.09	310	P	P	17 00 30.9 +0.8
KURK	Kurchatov	55.09	310	P	P	17 00 30.3 +0.2
KURK	Kurchatov	55.09	310	eP	P	17 00 30.0 -0.1
WMQ	Urumqi	55.14	298	eP	P	17 00 32.0 +1.3
KURB	Kurchatov	55.20	310	P	P	17 00 30.9 -0.1
G33A	Ortonville	55.43	59	P	P	17 00 32.3 -0.4
C36A	Pine Crest Far	55.55	55	P	P	17 00 33.5 0.0
E35A	Pequot Lakes	55.57	57	P	P	17 00 33.9 +0.2
F34A	Alexandria	55.64	58	P	P	17 00 34.1 -0.1
D36A	Goodland	55.77	56	P	P	17 00 35.0 -0.1
L30A	Spencer Herefo	55.86	64	P	P	17 00 36.6 +0.7
C37A	Embrass	55.89	54	P	P	17 00 36.0 +0.1
F35A	Swanville	55.95	57	P	P	17 00 36.4 0.0
MK31	Makanchi Array	55.95	304	eP	Pmax	17 00 35.5 -0.9
MK31	Makanchi Array	55.95	304	eP	P	17 00 36.0 -0.4
MKAR	Makanchi Array	55.95	304	P	P	17 00 35.9 -0.6
MKAR	Makanchi Array	55.95	304	eP	P	17 00 36.0 -0.4
O28A	Krutsinger Ran	55.96	67	P	P	17 00 36.8 +0.1
MK01	Makanchi Array	55.96	304	eP	P	17 00 35.9 -0.6
SFJD	Kangerlussuaq	55.97	20	iP	Pmax	17 00 35.3 -0.8
SFJD	Kangerlussuaq	55.97	20	eP	P	17 00 35.1 -1.0
M30A	Dale-Ortello V	56.06	64	P	P	17 00 37.4 +0.1
ARCES	ARCES Array B	56.07	347	P	LR	17 00 36.3 -0.6
ARCES	ARCES Array B	56.07	347	P	LR	17 26 25.0
MAK2	Makanchi Array	56.10	304	eP	P	17 00 36.9 -0.5
N29A	Votaw Ranch, W	56.13	66	P	P	17 00 38.2 +0.3
D37A	Cotton	56.16	55	P	P	17 00 37.7 -0.2
E36A	McGregor	56.18	56	P	P	17 00 38.2 +0.2
L31A	Butterfield Fa	56.19	63	P	P	17 00 38.9 +0.7
KSCO	Kaye Shedlock	56.24	68	P	P	17 00 39.2 +0.5
ECSD	EROS Data Cent	56.33	61	P	P	17 00 38.3 -0.8
K32A	Verdigré	56.33	62	P	P	17 00 39.3 +0.1
C38A	Sawbill Land,	56.35	54	P	P	17 00 39.1 -0.1
P28A	Saint Francis	56.35	67	P	P	17 00 39.9 +0.4
J33A	Davis	56.42	61	P	P	17 00 39.5 -0.3
F36A	Milaca	56.49	57	P	P	17 00 40.1 -0.1
O29A	4d Ranch, Culb	56.51	66	P	P	17 00 41.0 +0.4
Q28A	Sharon Springs	56.66	68	P	P	17 00 42.4 +0.7
M31A	Lambrecht Ranc	56.68	64	P	P	17 00 42.1 +0.4
P29A	Atwood	56.79	67	P	P	17 00 43.9 +1.3

baz=314						
O30A	MW Ranch, Wils	56.88	66	P	P	17 00 43.9 +0.7
K33A	Hardington	56.89	62	P	P	17 00 43.7 +0.5
BGNE	Belgrade	57.09	64	P	P	17 00 44.9 +0.3
BGNE	Belgrade	57.09	64	eP	P	17 00 44.7 +0.1
I35A	Creekvoye Farm	57.10	59	P	P	17 00 44.0 -0.6
BVA0	Borovoye Array	57.18	316	iP	Pmax	17 00 44.5 -0.5
BVAR	Borovoye Array	57.18	316	P	P	17 00 45.0 0.0
BVAR	Borovoye Array	57.18	316	P	P	17 00 45.0 0.0
BRVK	Borovoye	57.20	316d	iP	Pmax	17 00 45.1 0.0
BRVK	Borovoye	57.20	316	P	P	17 00 45.4 +0.3
BRVK	Borovoye	57.20	316	eP	P	17 00 45.1 0.0
P30A	Selden	57.22	66	P	P	17 00 46.2 +0.7
Q29A	Dakle	57.26	67	P	P	17 00 46.0 +0.1
SPMN	Marine on St.	57.29	57	P	P	17 00 46.2 +0.3
O31A	Woolen Ranch,	57.31	65	P	P	17 00 46.4 +0.3
K34A	Le Mars	57.32	61	P	P	17 00 46.4 +0.2
SOKR	Solikamsk	57.43	328	iP	Pmax	17 00 46.5 -0.1
N32A	Stulken Farm,	57.45	64	P	P	17 00 47.5 +0.4
I36A	Fitzsimmons Fa	57.50	59	P	P	17 00 47.4 +0.1
Q30A	Quinter	57.62	67	P	P	17 00 48.1 -0.3
S28A	Manter	57.64	69	P	P	17 00 48.5 -0.1
L34A	Svensden Farm,	57.67	62	P	P	17 00 48.6 0.0
P31A	Stockton	57.72	66	P	P	17 00 49.0 0.0
O32A	Brockman Farm,	57.81	65	P	P	17 00 49.2 -0.5
I37A	Lemond, Waseca	57.82	58	P	P	17 00 49.5 -0.2
M34A	Aaby Farms, Fr	57.88	62	P	P	17 00 50.3 +0.2
L35A	Bielow Farm, R	58.01	61	P	P	17 00 50.0 -1.0
R30A	Dighton	58.07	68	P	P	17 00 51.4 -0.1
SVE	Sverdlövs	58.23	124	iP	Pmax	17 00 53.5 +1.3
J37A	Redenius Farm,	58.23	59	P	P	17 00 52.5 0.0
I38A	Scanlan Farm,	58.36	58	P	P	17 00 53.2 -0.1
M35A	Neola	58.38	62	P	P	17 00 53.9 +0.3
N34A	Lincoln	58.38	63	P	P	17 00 53.7 +0.1
Q32A	Mettler Ranch,	58.54	66	P	P	17 00 54.5 -0.3
O34A	Beatrice	58.74	64	P	P	17 00 55.6 -0.4
J38A	Wedel Dairy, R	58.79	58	P	P	17 00 56.0 -0.3
N35A	Taber	58.83	62	P	P	17 00 56.3 -0.4
M36A	Felix, Anita	58.87	61	P	P	17 00 57.0 0.0
Q33A	Connely Farm,	58.94	65	P	P	17 00 57.1 -0.4
L37A	Phoenix Point,	58.96	60	P	P	17 00 57.6 0.0
T31A	Randall Ranch,	59.24	68	P	P	17 00 59.7 0.0
ARU	Arti	59.27	324d	iP	Pmax	17 00 59.9 +0.4
ARU	Arti	59.27	324	PP	PP	17 03 07.6
ARU	Arti	59.27	324	SS	SS	17 09 03.5 +2.8
ARU	Arti	59.27	324	SS	SS	17 12 55.2 -0.3
ARU	Arti	59.27	324	Pmax	Pmax	
ARU	Arti	59.27	324	P	P	17 01 00.8 +1.3
ARU	Arti	59.27	324	eP	P	17 01 00.1 +0.6
L38A	Oak Wood Farm,	59.36	60	P	P	17 01 00.1 -0.3
KMI	Kunming	59.48	272	P	Pmax	17 01 02.5 +0.8
P35A	Dues Minner,	59.56	64	P	P	17 01 01.2 -0.6
T32A	Huddler Ranch,	59.61	68	P	P	17 01 01.6 -0.6
AMTX	Amarillo	59.66	71	P	P	17 01 03.0 +0.3
N37A	Lee Faris, Mou	59.68	62	P	P	17 01 02.6 0.0
M38A	Pleasantvill	59.75	60	P	P	17 01 02.7 -0.3
R34A	Isabella, Hill	59.76	66	P	P	17 01 03.3 +0.1
MNTX	Cornudas Mount	59.77	76	P	P	17 01 03.6 +0.3
N38A	Joe Smith For	60.17	61	P	P	17 01 05.3 -0.7
R35A	Emporia Munci	60.32	65	P	P	17 01 06.7 -0.3
N39A	Deer Farms, D	60.50	60	P	P	17 01 08.2 0.0
O38A	Galt	60.52	62	P	P	17 01 08.2 -0.2
T34A	McClaskey Farm	60.70	67	P	P	17 01 09.0 -0.5
R36A	Gordon, Harris	60.70	64	P	P	17 01 08.5 -1.1
Y30A	Stafford Cattl	60.84	72	P	P	17 01 11.1 +0.5
P38A	Dawn	60.85	62	P	P	17 01 08.8 -1.7
U34A	Anderson Ranch	60.92	67	P	P	17 01 11.0 -0.1
U34A	Anderson Ranch	60.92	67	eP	P	17 01 11.2 +0.1
S36A	Lake Cedric, C	61.08	65	P	P	17 01 11.0 -1.1
Z30A	Sarsonson Ranc	61.13	72	P	P	17 01 11.7 -0.9
Q38A	Cooks Store, C	61.28	63	P	P	17 01 11.7 -1.7
KLMR	Klimovskoe	61.30	337	eP	Pmax	17 01 12.7 -0.5
P39A	Salisbury	61.36	62	P	P	17 01 13.4 -0.6
O40A	La Belle	61.38	61	P	P	17 01 13.6 -0.5
SCHO	Schefferville	61.50	35	P	P	17 01 14.4 -0.3
SCHO	Schefferville	61.50	35	eP	P	17 01 14.7 -0.1
Q39A	Willow Grove F	61.56	62	P	P	17 01 13.9 -1.4
Z31A	Sharp Cattle R	61.67	71	P	P	17 01 16.6 +0.3
P40A	Paris	61.71	61	P	P	17 01 16.0 -0.4
T37A	Cheneyville 18	61.89	65	P	P	17 01 16.7 -0.8
R39A	Chubby, Stover	62.06	63	P	P	17 01 17.2 -1.5
S38A	Stockton	62.08	64	P	P	17 01 17.0 -1.9

Q40A	Laux Farm, Aux	62.08	62	P	P	17 01 18.0 -0.8
TUL1	Leonard	62.28	66	P	P	17 01 19.9 -0.3
U37A	Salina	62.30	66	P	P	17 01 19.9 -0.4
S39A	Bolivar	62.35	63	P	P	17 01 19.2 -1.5
HDIL	Hopedale	62.42	59	P	P	17 01 21.0 -0.1
HDIL	Hopedale	62.42	59	eP	P	17 01 20.9 -0.1
TX31	Lajitas Ar. Si	62.50	77	eP	P	17 01 21.8 -0.1
TXAR	Lajitas Array	62.50	77	P	P	17 01 22.0 +0.1
Y34A	Reagan Ranch,	62.58	69	P	P	17 01 23.1 +0.8
W36A	Wetumka	62.59	67	P	P	17 01 22.3 0.0
V37A	Hulbert	62.66	66	P	P	17 01 22.3 -0.5
U38A	Gravette	62.68	65	P	P	17 01 21.9 -0.9
X35A	Drake	62.71	68	P	P	17 01 22.8 -0.3
AAK	Ala-Archa	62.82	305	P	P	17 01 24.5 +0.6
AAK	Ala-Archa	62.82	305	eP	P	17 01 23.6 -0.4
S40A	Lebanon	62.87	63	P		

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Kiev, Malin Array Si, Alibek, Kislovodsk, etc.

Table with columns: OHR, comp=N, 92nm, 0.5s, eLg, Lg, 16 58 46.8, etc. Includes stations like Ulcinj, Skopje, Dracevica, Mon, etc.

Table with columns: LAKA, Lakka, 0.17 175, eSg, Sg, 17 01 16.8 +0.7, etc. Includes stations like Ano Chora, PSARO, Kalavryta, Ach, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Tirane, Shkoder, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Ulcinj, Skopje, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Tana Toraja, Luwuk, etc.

TIR 17 16:58:17.6s.9.41.25N:20.23E, h7km, 999km, ML3.3
ATH 17 16:58:23.5, 41.57N:20.17E, h5km, MD3.3/6
CSEM 17 16:58:25.0, 2.41.54N:20.27E, h5km, ML2.1, Error
ellip: s-maj=4.2km s-min=2.6km az=44.0
PDG 17 16:58:25.6, 0.3, 41.53N:20.22E, h8km, ML2.4/12, Error
ellip: s-maj=0.6km s-min=0.9km az=0.0
BEO 17 16:58:26.4, 0.7, 41.52N:20.26E, h18km, 7km, M2.0/6
SKO 17 16:58:26.2, 4.1.49N:20.21E, h8km, M1.4, ML2.1
ISC 17 16:58:25.6, 1.0, 41.52N:20.02, 20.25E, h8km, 9gkm,
n57, 0.984/102, 10C-10D, Albania

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PSI, KHON, CHAI, CTA, LOEI, UTTA, SUKH, CMAR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ZALV, KURV, NVS, KKAR, BVAR, BRVK, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GSTD, GSKC, ETKA, ADAG, TAFP, etc.

ISCJB 17 17:27:36.9:0.3, 52.7N:0.1x174.53W:0.08, h188km, 4km, mb3.6/16, Error ellipse: s-maj=21.5km s-min=5.4km

ISCJB 17 18:05:03.0:0.5, 27.44N:0.05:143.41E:0.05, h10km, mb4.0/24, MS3.5/5, Error ellipse: s-maj=8.4km

Table with columns: VAY, comp=N,73nm,0.7s, eLg, Lg, 18 51 47.3, etc. Lists station names and coordinates for various locations like Valandovo, Barje, Kozani, etc.

17d 18:53:22.0-0.7, 34.75S;71.74W, h40km, mb4.4/13, mb1.4/5.15, mb1mx4.4/29, mbmp4.4/15, ML5.2, MS4.0/6, Ms1.3/9.6, ms1mx3.5/26, Error ellipse: s-maj=23.2km s-min=22.0km az=178.0

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, etc. Lists stations like Los Niches, Langovilo, Chadas Angostu, etc.

Table with columns: GYA, comp=E,120nm,8.2s, sPKP, PKPab, PKPab, PKSdf, etc. Lists stations like Hu-ho-hao-te, Santiago, Col Las Americ, etc.

cutoff=50s.
 IDC 17 19:20:57.2+1.2, 5.02S: 102.71E, h36km, gm, mb5.7/36,
 mb1.5/38, mb1mx5.7/39, mbtmp5.9/38, MLS. 1/2, MSS.7/24,
 M1.5.7/24, ms1mx5.7/28 Error ellipse: s-maj=11.7km
 s-min=7.1km az=49.0
 KLM 17 19:20:59.5, 5.05S: 102.66E, h65km, mb6.1, MS6.9
 NEIC 17 19:21:09.0, 0.0, 5.63S: 102.49E, h34km Best double
 couple: NP1.0s31.000000°, S20.000000°, 1.02.000000°
 NP2.0s118.000000°, S70.000000°, 1.86.000000° Principal
 axes: T 1.2000, Plg64.0000°, Azm21.0000°, N - 0.1100,
 Plg4.0000°, Azm120.0000°, P - 1.0900, Plg25.0000°,
 Azm212.0000°

ISC 17 19:20:56.9, 0.2, 5.10S: 102.60E, 0.03, h39km, 2km,
 h39km: p-P, N1610, c1947/1727, mb6.1/278, MSS.9/388,
 169C-39D, Southern Sumatra

Code	Station Name	A°	AZ°	Phase ID	Time	Res	ISC
LWLI	Liwa	1.45	87	P	19 21 22.1	+1.3	
LWLI	Liwa	1.45	87	P	19 21 22.1	+1.3	
LWLI	Liwa	1.45	87	S	19 21 40.9	+2.2	
LHSH	Lahat	1.57	36	P	19 21 25.0	+2.5	
MDSI	Maura Dua	1.69	69	P	19 21 26.0	+2.1	
MDSI	Maura Dua	1.69	69	S	19 21 50.1	+5.8	
KASI	Kota Agung	1.93	103	P	19 21 27.6	+0.3	
KASI	Kota Agung	1.93	103	S	19 21 51.3	+1.0	
MASI	Maura Aman, Be	1.98	349	P	19 21 30.2	+2.2	
MASI	Maura Aman, Be	1.98	349	S	19 21 58.9	+5.9	
KLSI	Kota Agung	2.16	79	P	19 21 55.9	-0.1	
KLSI	Kota Agung	2.16	79	S	19 22 02.0	+6.0	
KLI	Kotabumi	2.26	84	P	19 21 33.4	+1.6	
KLI	Kotabumi	2.26	84	S	19 22 08.0	+1.0	
PMIB	Palembang	3.06	45	P	19 21 40.9	+2.2	
CGIJ	Cibinong	3.42	116	P	19 21 47.9	+0.2	
PPSI	Pulau Pagai	3.48	312	P	19 21 49.6	+1.1	
JMBI	Jambi	3.60	17	P	19 21 53.3	+3.4	
SBJI	Serang	3.65	106	P	19 21 52.3	+1.4	
TNG	Tangerang	4.16	105	P	19 22 01.0	+3.1	
TNG	Tangerang	4.16	105	S	19 22 01.0	+3.1	
SDSI	Sungai Dareh	4.31	344	P	19 22 01.9	+2.0	
SKJI	Sukabumi	4.36	116	P	19 22 01.4	+0.7	
CBJI	Citeko	4.42	107	P	19 22 05.8	+4.3	
PPBI	Pangkal Pinang	4.58	50	P	19 22 06.8	+3.1	
PDSI	Padang	4.68	333	P	19 22 06.2	+1.1	
RGRI	Rengat	4.73	357	P	19 22 09.3	+3.5	
DSRI	Dabo	5.00	23	P	19 22 14.8	+5.3	
CNIJ	Cibinong	5.01	116	P	19 22 09.4	-0.1	
Kanbang	Kanbang	5.27	109	P	19 22 09.4	+2.1	
PPI	Padang Panjang	5.11	124	P	19 22 21.8	+1.4	
LEM	Lembang	5.27	109	Pn	19 22 21.8	+8.4	
LEM	Lembang	5.27	109	S	19 23 13.3	+0.3	
LEM	Lembang	5.27	109	LR	19 24 37.9		
LEM	Lembang	5.27	109	LR	19 22 22.0	+8.6	
BKNI	Bangkinang	5.62	344	P	19 22 19.9	+1.9	
BKNI	Bangkinang	5.62	344	P	19 22 19.8	+1.9	
BKNI	Bangkinang	5.62	344	Pn	19 22 19.8	+1.8	
CISI	Cisompot, Garu	5.72	115	P	19 22 19.6	+0.1	
CISI	Cisompot, Garu	5.72	115	Pn	19 22 19.4	0.0	
XMIS	Christmas Isia	6.14	151	ePn	19 22 18.6	-6.6	
TPRI	Tanjung Pinang	6.18	18	P	19 22 31.2	+4.1	
CMJI	Cimerak	6.39	115	P	19 22 28.5	-0.1	
BTDF	Bukit Tinggi Da	6.53	10	P	19 22 33.9	+3.5	
MYKOM	Kota Tinggi	6.96	10	Pn	19 22 40.1	+3.6	
MYKOM	Kota Tinggi	6.96	10	JP	19 22 39.5	+3.1	
SCJI	Gunung Srandil	7.01	112	P	19 22 38.2	+1.1	
KGM	Kluang	7.11	6	P	19 22 42.8	+4.4	
GSI	Gunungsitoli	8.11	322	P	19 22 51.6	-0.6	
GSI	Gunungsitoli	8.11	322	ePn	19 22 50.8	-1.4	
FRIM	Kepong	8.34	363	JP	19 22 56.8	+0.8	
UGM	Wanagama	8.35	110	P	19 22 56.4	+0.8	
UGM	Wanagama	8.35	110	P	19 22 57.4	+2.3	
UGM	Wanagama	8.35	110	ePn	19 22 56.8	+1.3	
UWJI	Ujung Watu	8.40	99	P	19 22 59.7	+3.4	
PSI	Prapat	8.67	335	Pn	19 22 58.4	-1.6	
PSI	Prapat	8.67	335	LR	19 26 45.1		
PSI	Prapat	8.67	335	P	19 22 58.4	-1.6	
PSI	Prapat	8.67	335	P	19 22 58.3	-1.6	
WOJI	Wonorejo, Jawa	8.70	109	P	19 23 00.8	+0.5	
PCJI	Pacitan	9.05	110	P	19 23 04.9	-0.2	
COCO	West Island	9.06	219	eP	19 23 00.7	-4.5	
COCO	West Island	9.06	219	Pn	19 23 02.6	-2.6	
COCO	West Island	9.06	219	P	19 23 02.1	-3.1	
COCO	West Island	9.06	219	P	19 23 01.0	-4.2	
COCO	West Island	9.06	219	ePn	19 23 00.3	-4.9	
NGJI	Ngawi	9.09	105	P	19 23 09.1	+3.5	
PBKI	Pangkalan Bun	9.36	76	P	19 23 13.2	+3.9	
TSI	Tuntungan	9.45	335	P	19 23 10.2	-0.4	
SJI	Sawahlari	9.47	106	P	19 23 12.0	+1.0	
PWJI	Pagerwojo	9.59	108	P	19 23 13.3	+0.8	
IPMI	Ipoh	9.65	351	JP	19 23 15.6	+2.2	
IPMI	Ipoh	9.65	351	ePn	19 23 15.8	+2.5	
TPTI	Tanjung Pinang	9.92	327	P	19 23 30.6	-1.0	
GRJI	Gresik	9.99	101	P	19 23 21.1	+3.2	
KSM	Kuching	10.10	50	JP	19 23 23.3	+3.9	
KSM	Kuching	10.10	50	Pn	19 23 22.8	+3.3	
STKI	Sintang	10.24	60	P	19 23 27.0	+5.5	
KRKI	Karangates	10.24	108	P	19 23 22.2	+0.7	
KTGM	Kuala Trengganu	10.38	3	JP	19 23 29.7	+6.5	
KULM	Kulim	10.51	349	JP	19 23 26.0	+1.0	
KULM	Kulim	10.51	349	ePn	19 23 25.6	+0.5	
MLSI	Metulaboh, Aceh	11.18	326	P	19 23 33.1	-1.2	
BLJI	Banyuglugur	11.23	104	P	19 23 36.4	+1.4	
KMMI	Kaliang	11.46	100	P	19 23 40.5	+2.3	
LHMI	Lhok Sumawe	11.71	331	P	19 23 42.2	+0.6	
LHMI	Lhok Sumawe	11.71	331	ePn	19 23 39.0	-2.6	
ABJI	Asem Bagus	11.86	104	P	19 23 45.2	+1.6	
JAGI	Jajag, Banyuwangi	11.95	107	P	19 23 43.5	-1.3	
JAGI	Jajag, Banyuwangi	11.95	107	P	19 23 43.4	-1.3	
JAGI	Jajag, Banyuwangi	11.95	107	ePn	19 23 43.5	-1.3	
BYJI	Banyuwangi	12.07	105	P	19 23 47.8	+1.3	
SBUM	Sibu	12.19	52	ePn	19 23 52.3	+4.2	
BBKI	Sanjar Baru	12.31	83	P	19 23 53.3	+3.5	
SKLT	Songkhla	12.35	351	P	19 23 53.2	+2.9	
SKLT	Songkhla	12.35	351	P	19 23 52.7	+2.4	
RTBI	Rangdo, Negare	12.70	106	P	19 23 53.4	-1.7	
MTKI	Muara Teweh, K	12.95	72	P	19 24 02.5	+4.0	
IGBI	Denpasar	12.98	107	P	19 23 56.8	-2.2	
DNP	Denpasar	13.01	107	P	19 23 58.7	-0.6	

TRTT	Trang	13.18	347	P	19 24 00.7	-0.9	
KHKI	Kahang-Kahang	13.31	105	P	19 24 03.6	+0.1	
BTM	Bintulu	13.33	52	JP	19 24 08.7	-3.9	
PKDT	Phuket	13.59	342	P	19 24 08.6	+1.3	
KBKI	Kotabaru	13.65	83	P	19 24 10.8	+2.8	
TWSI	Taliwang, Sumb	14.63	105	P	19 24 18.2	-3.1	
BKB	Balikpapan	14.77	75	P	19 24 27.3	-1.3	
CMBY	CAMPBELL BAY	14.82	324	eP	19 24 25.9	+1.9	
CMBY	CAMPBELL BAY	14.82	324	Iamb	19 24 35.4		
DBNI	Kabupaten Doms	15.96	103	P	19 24 34.4	-4.4	
PMSI	Majene	16.34	85	P	19 24 46.4	+0.2	
MMSI	Mamuju	16.45	82	P	19 24 47.2	-0.1	
KAPI	Kappang	17.08	90	Pn	19 24 52.8	-0.2	
KAPI	Kappang	17.08	90	Pn	19 24 52.9	-0.1	
KAPI	Kappang	17.08	90	Pn	19 24 53.1	+0.1	
KAPI	Kappang	17.08	90	Pn	19 24 53.1	+0.1	
KAPI	Kappang	17.08	90	ePn	19 24 52.7	-0.3	
SPSI	Sidrap Palu	17.15	87	P	19 24 54.1	+0.3	
TTSI	Tana Toraja	17.25	84	P	19 24 57.7	+1.0	
BKSI	Bulukumba	17.45	92	P	19 24 57.4	-0.1	
KKM	Kota Kinabalu	17.53	51	JP	19 25 00.4	+1.1	
KKM	Kota Kinabalu	17.53	51	ePn	19 25 00.6	+1.2	
PCI	Palu	17.70	77	P	19 25 03.3	+2.1	
BSSI	Batu Bute	17.83	94	P	19 25 03.9	+1.3	
TSM	Tawau	17.88	59	JP	19 25 05.4	+2.2	
DLV	L'Lat	17.92	19	ePn	19 25 05.2	+1.5	
PATY	Pattaya	17.99	355	P	19 25 04.7	+0.4	
WSI	Waingapu	18.12	106	P	19 25 02.6	-3.2	
PHET	Kaeng Krachan	18.14	351	P	19 25 05.9	0.0	
PHET	Kaeng Krachan	18.14	351	P	19 25 04.4	-1.5	
BASI	Baini, Sumba	18.52	107	P	19 25 06.2	-4.0	
KDM	Kudat	18.55	50	JP	19 25 12.9	+1.8	
MYLDM	Lahad Datu	18.88	57	JP	19 25 16.8	+1.8	
SRAK	Sarak	19.00	58	P	19 25 15.9	+0.5	
KKSI	Kolaka, Sulawesi	19.01	88	P	19 25 15.3	-0.3	
PBA	Port Blair	19.32	330	eP	19 25 17.6	-1.4	
PBA	Port Blair	19.32	330	Iamb	19 25 27.8		
APSI	Ampang	19.47	78	P	19 25 22.2	+0.2	
SRDT	SRDT	19.63	350	P	19 25 23.1	+0.8	
SRDT	SRDT	19.63	350	P	19 25 21.9	-0.4	
MMRI	Maumere	19.80	101	P	19 25 21.7	-2.6	
MMRI	Maumere	19.80	101	eP	19 25 21.1	-3.1	
MRSI	Marisa	20.09	75	P	19 25 27.8	+0.4	
KHLT	Khualalem Dam	20.17	349	P	19 25 28.2	0.0	
BATP	Bataraza	20.50	48	eP	19 25 33.8	-0.4	
LUWI	Luwuk	20.54	79	P	19 25 33.2	+0.9	
LUWI	Luwuk	20.54	79	P	19 25 32.8	-0.8	
LUWI	Luwuk	20.54	79	eP	19 25 32.9	+0.6	
LUWI	Luwuk	20.54	79	LR	19 25 31.6	-0.7	
DGPR	DIGLIPUR	20.55	332	eP	19 25 34.8		
DGPR	DIGLIPUR	20.55	332	Iamb	19 25 34.8		
GTOI	Gorontalo	21.17	75	P	19 25 38.0	-1.0	
KHON	Khonkaen	21.30	1	P	19 25 41.0	+0.6	
UMPA	Umpang Tak	21.49	350	P	19 25 40.4	-2.1	
PBKT	Sadao Pong	21.59	356	P	19 25 43.3	-0.2	
PBKT	Sadao Pong	21.59	356	P	19 25 43.3	-0.2	
SOEI	Soe	21.97	103	P	19 25 45.1	-2.7	
SOEI	Soe	21.97	103	eP	19 25 44.0	-3.8	
SOEI	Soe	21.97	103	LR	19 25 49.1	+1.4	
SKNT	Sakolnakhorn	21.98	4	P	19 25 52.2	-1.2	
LOEI	Loei	22.51	357	P	19 25 55.8	-0.9	
UTTA	Uttaradit	22.79	355	P	19 25 58.9	-0.1	
MBWA	Marble Bar	23.04	135	P	19 25 58.9	-0.1	
MBWA	Marble Bar	23.04	135	P	19 26 10.0	+1.1	
SANI	Sanana	23.53	83	P	19 26 04.4	+0.5	
SANI	Sanana	23.53	83	P	19 26 04.4	+0.5	
MHMT	Maesarieng						

17D 19h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Vitosha, Agios Georgios, Kalithea, Litokhoron, etc.

2011 JAN

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Brajci-Budva, CEME Cevo, Niksic, Niedzica, etc.

868

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KSP, KSP, KSP, Ksiaz, etc.

Table with columns: Name, Date, Time, Location, Status, and other details. Includes entries like Kaspereske Hory, Koelnbreinsper, Colim, etc.

Table with columns: Name, Date, Time, Location, Status, and other details. Includes entries like WLF WLF, THEM TAM, TAM, BCLA Clavier, etc.

Table with columns: Name, Date, Time, Location, Status, and other details. Includes entries like MTE Manteigas, POLO Lamas de Olo, PGAV Gavelira, etc.

17d 19h

Table with columns: MOD, Modoc Plateau, 127.12, 40, ePKPdf, PKPdf, 19 39 58.9 +1.3, etc. Includes rows for BMO, SWMT, ORV, OHCM, MSO, MFD, EGMT, LRM, SCHO, SCHO, SCHO, HLID, MCMT, BOZ, BNM, NV01, NVAR, NVAR, NVAR, NV11, QMMLT, MTUM, YMR, PKM, ELK, ELK, ELK, YNR, MCID, YFT, DGMT, A25A, LKWW, H17A, H17A, RLMT, ISA, ISA, A26A, MOOW, MOOW, GRAC, H17A, H17A, REDW, DAC, MPMC, AHID, R11A, R11A, BGU, LRM, EDW2, FURC, ULM, ULM, ULM, PASC, PASC.

2011 JAN

Table with columns: MWC, Mount Wilson, 132.50, 47, ePKPdf, PKPdf, 19 40 09.4 +1.4, etc. Includes rows for D25A, A29A, HWUT, B28A, CIS, DUG, DUG, C27A, A30A, GSC, GSC, PDAR, D26A, E25A, RVR, B30A, D27A, BBRC, NLU, MDND, MDND, SHPR, A32A, E26A, HEC, F25A, A33A, F26A, C30A, B32A, GMR, PLCA, PLCA, PFO, PFO, CCUT, C31A, E28A, BELC, B30C, MSU, AGMN, AGMN, BAR, TMUT, B33A, D30A, G26A, B34A, K22A, P18A, IRM, RSSD, RSSD, C33A, IBP, TRQA, E30A, SWSC, SRU, I25A, F29A, C34A, E31A, G28A, D33A, C35A, PDMC, Y12C, GLA, GLA, Q20A, Q20A.

870

Table with columns: Q20A, Park Rapids, 135.45, 17, P, eSKPbc, SKPab, 19 43 44.2 -1.7, etc. Includes rows for D34A, C36A, G29A, I27A, C37A, J26A, D35A, G30A, H29A, D36A, I28A, PHWY, N23A, D37A, E35A, PV04, F33A, I29A, G32A, WUAZ, WUAZ, SUSD, E36A, PV01, G30A, F35A, I30A, SMC0, J29A, H32A, ISCO, VLDO, VLDO, RCBR, J30A, MVCO, MVCO, LMQ, G35A, W18A, PQI, SPMN, S22A, Q24A, ECSD, ECSD, OGNE, H36A, K32A, SDCO, TUC, TUC, I37A, SPB, KSCO, BGNE, PKME, MNT, T25A, LZ5A, ANMO, ANMO, WVW.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Santa Rosalia, Plevna, IRIS PASSCALI, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Abilene, Hawle, Southern Illin, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like mb3.8/6, Error ellipse, NEIC, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ostrava-Krasne, Vranov, Trest, etc.

IDC 17:39:51.9-2.8, 30.205, 178.617W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.6/26, mbtmp3.5/2, Error ellipse: s-maj=108.0km s-min=50.0km az=20.0, Kermadec Islands

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

NEIC 17:45:18.1-2.3, 31.53S, 178.43W, h90km, 20km, mb4.7/2, Error ellipse: s-maj=28.7km s-min=19.3km az=162.0

IDC 17:45:19.7-3.5, 31.61S, 178.54W, h100km, 25km, mb4.6/4, mb1 4.7/4, mb1mx4.0/26, mbtmp4.9/4, Error ellipse: s-maj=37.0km s-min=30.1km az=21.0

IDC 17:45:15.2-0.9, 31.75S, 0.08-178.5W, 0.2, h61km, n42, c248/40, mb4.8/6, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Raoul Island, Waiomatatini S, PKGZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Stephens Creek, Alice Springs, Tnant Creek, etc.

IS/CJB 17:48:41.8-0.9, 15.3S, 0.1x70.7W, 0.1, h193km, mb3.2/2, Error ellipse: s-maj=19.8km s-min=10.9km az=34.6

IDC 17:48:43.0-1.3, 15.40S, 70.61W, h199km, 13km, mb3.1/2, mb1 3.5/6, mb1mx3.2/28, mbtmp3.9/6, Error ellipse: s-maj=29.6km s-min=18.5km az=19.0

IDC 17:48:42.6-1.1, 15.45S, 0.1x70.7W, 0.1, h193km, n7, c994/8, Southern Peru

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

SOMN Songo Array 147.57 4 PKPbc PKPbc 20 08 05.0 +0.8

FUNV 17:20:12:49.1, 6.73N, 73.33W, h168km, MW3.0, IS/CJB 17:20:12:50.6, 0.7, 6.82N, 0.04, 73.06W, 0.05, h157km, 6km, Error ellipse: s-maj=9.8km s-min=4.4km az=32.4

RSNC 17:20:12:53.6, 1.2, 6.78N, 73.12W, h138km, 9km, ML2.9, IS/C 17:20:12:50.4, 1.5, 6.84N, 0.04, 73.08W, 0.06, h160km, 10km, n16, c118/29, 2C, Northern Colombia

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

ROSC El Rosal 2.33 212 eP Pn 20 13 32.0 +1.6

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

IS/CJB 17:20:55:06.3-0.5, 50.21N, 0.04-19.18E, 0.03, h0km, Error ellipse: s-maj=5.6km s-min=4.2km az=12.6

IPEC 17:20:55:07.4-0.2, 50.24N, 19.26E, h0km, 1km, ML2.2/3, Error ellipse: s-maj=2.9km s-min=1.1km az=169.0

CSEM 17:20:55:07.8-0.3, 50.18N, 19.23E, h1km, ML2.9/10, Error ellipse: s-maj=6.8km s-min=2.8km az=10.0

PRU 17:20:55:08.2, 50.20N, 19.21E, h0km, Error ellipse: s-maj=3.2km s-min=2.2km az=101.0

VIE 17:20:55:11.7, 0.6, 49.61N, 19.05E, h0km, mb2.3/1, ml2.4/3, Error ellipse: s-maj=3.2km s-min=2.2km az=101.0

IS/C 17:20:55:08.4-0.8, 50.13N, 0.03-19.29E, 0.02, h0km, n42, c136/57, 4C-2D, Poland

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

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

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

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

s-min=21.5km az=154.0, IS/CJB 17:20:56:32.4, 1.9, 21.2S, 0.5, 168.9E, 0.3, h25km, mb4.0/9, Error ellipse: s-maj=77.7km s-min=10.8km az=151.1

IS/C 17:20:56:34.4, 1.4, 21.1S, 0.4, 168.8E, 0.2, h25km, n19, c1965/20, mb4.0/9, 4C, Loyalty Islands

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

IDC 17:20:41:2.2, 1.14N, 125.97E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/25, mbtmp3.3/3, Error ellipse: s-maj=183.0km s-min=26.7km az=65.0, Northern Molucca Sea

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

DJA 17:21:24:21.8-4.8, 3'S, 10'x9'9"E, 2'8, h15km, 19km, M4.7/7, mb5.2/5, mb6.0/4, MLv4.1/7, Mw(MB)5.6/4

IDC 17:21:24:24.6, 3.6, 2.98S, 99.62E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.5/4, mbtmp3.5/5, MS4.2/2, Ms 1.4/2.2, ms1mx3.2/46, Error ellipse: s-maj=137.1km s-min=27.2km az=56.0

IS/CJB 17:21:24:26.5, 1.2, 3.03S, 0.09-99.5E, 0.1, h33km, mb4.0/6, MS4.2/2, Error ellipse: s-maj=18.8km s-min=9.2km az=145.0

IS/C 17:21:24:29.4, 1.3, 2.95S, 0.1-99.6E, 0.1, h35km, n26, c1507/17, mb3.6/6, Banda Sea

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

IDC 17:21:29:16.8-1.0, 4.21S, 131.85E, h0km, mb3.8/6, mb1 4.1/9, mb1mx3.8/38, mbtmp4.0/9, ML4.3/3, Error ellipse: s-maj=58.8km s-min=17.0km az=64.0

IS/C 17:21:29:21.7, 1.1, 4.65S, 0.1-131.6E, 0.2, h35km, n10, c217/11, mb3.7/6, Banda Sea

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

IDC 17:21:41:14.4, 13.0, 5.35N, 122.75E, h610km, 219km, mb2.9/4, mb1 3.0/4, mb1mx2.6/50, mbtmp4.0/4, Error

ellipse: s-maj=200.5km s-min=36.3km az=61.0, Celebes Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array.

ISCJB 17 21:48:29.7z 1.2, 49.3S:0.1x127.5E:0.5, h10km, mb4.0/4, Error ellipse: s-maj=45.8km s-min=19.4km az=3.8

ISC 17 21:48:30.1z 1.1, 49.32S:127.33E, h10km, mb4.1/5, mb1 4.3/5, mb1mx4.0/20, mbtmp4.1/5, Error ellipse:

s-maj=50.1km s-min=23.2km az=96.0

ISC 17 21:48:31.6z 1.0, 49.3S:0.2x127.3E:0.3, h10km, n11, -0574/8, mb4.0/4, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, VNSA Vanda, CMAR Chiang Mai Arr, TORO Torodi Ar, YKAD Yellowknife Ar, EKA Eskdaleuir Ar.

CSEM 17 21:57:35.6z 0.1, 40.30N:33.45E, h2km, MD2.6, Error ellipse: s-maj=3.0km s-min=2.8km az=98.0

DDA 17 21:57:35.4z 40.32N:33.47E, h7km, MD2.6

ISK 17 21:57:35.2z 40.30N:33.41E, h6km, MD2.8

ISC 17 21:57:35.6z 0.9, 40.31N:0.02z33.45E:0.03, h8km, 9km, n29, -0842/45, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include ELDT Eldivan, CANT Cankiri, BBAL Bala, AFRS Af ar-Bala (A), AFRS Af ar-Bala (A), AFRS Af ar-Bala (A), CORUM Corum, KAMT Kaman, CDAG Cicekdag, CDAG Cicekdag, CDAG Cicekdag, BCAM BCAM, BCAM BCAM, COAL Corum-Alaca, COAL Corum-Alaca, KULU Kulu, SERE Serrefikochisa, YAYX Yaylak, AMIHH MIHALICK, AMIHH MIHALICK, AVNS Nevsehir-Avano, AVNS Nevsehir-Avano, GULA Gulagac, GULA Gulagac.

ISK 17 22:02:44.6z 40.32N:33.37E, h5km, MD2.8

DDA 17 22:02:45.7z 40.31N:33.43E, h14km, MD2.7

CSEM 17 22:02:46.3z 0.2, 40.33N:33.42E, h10km, MD2.7, Error ellipse: s-maj=4.2km s-min=3.9km az=111.0

ISC 17 22:02:46.2z 0.9, 40.32N:0.02z33.43E:0.02, h12km, 7km, n39, -0862/53, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include ELDT Eldivan, CANT Cankiri, LOD Lodumu, BBAL Bala, BBAL Bala, TOS Tosa, AFRS Af ar-Bala (A), AFRS Af ar-Bala (A), CORUM Corum, KAMT Kaman, CDAG Cicekdag, CDAG Cicekdag, SAFT Safranbolu, BCAM BCAM, BCAM BCAM, COAL Corum-Alaca, COAL Corum-Alaca, KULU Kulu, AMIHH MIHALICK, AMIHH MIHALICK, AMIHH MIHALICK, YOZ Yozgat, SVRH Sivrihisar-ESK, SVRH Sivrihisar-ESK, CHBY Cihanbeyli, CHBY Cihanbeyli, AVNS Nevsehir-Avano, AVNS Nevsehir-Avano.

Table with columns: AVNS Nevsehir-Avano, GULA Gulagac, GULA Gulagac, SULT Sultanhani-AKS, SULT Sultanhani-AKS.

ISCJB 17 22:25:45.3z 0.7, 27.67N:0.07z143.58E:0.08, h10km, mb3.7/11, Error ellipse: s-maj=12.8km s-min=5.8km az=137.1

ISC 17 22:25:45.3z 0.8, 27.59N:143.62E, h0km, mb3.7/11, mb1 3.9/13, mb1mx3.8/57, mbtmp3.7/13, ML3.42, MS3.3/1, Ms1 3.3/1, ms1mx2.6/48, Error ellipse: s-maj=21.5km s-min=17.6km az=112.0

JMA 17 22:25:49.4z 27.81N:143.37E, h66km, M4.0

ISC 17 22:25:46.8z 0.8, 27.59N:0.10z143.54E:0.09, h10km, n19, -0560/20, mb3.7/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CBJH Chichi jima, CBJH Chichi jima, JCJ Chichijima, JHHJ Haha-jima-NKT, JRY Ryugasaki Arr, MJAR Miyogani Arr, KSRS Korea Arr, USRK Ussuriysk Arr, SONM Songoing Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, ILAR Eielson Array, INK Inuvik, YKA Yellowknife Ar, FINES FINES Array B, NVAR Mina Array Bea, PDAR Piedadale Array, PLCA Paso Flores.

ISCJB 17 22:27:10.5z 0.3, 38.78N:0.01z23.45E:0.02, h19km, 3km, Error ellipse: s-maj=2.6km s-min=2.0km az=10.9

CSEM 17 22:27:10.7z 0.1, 38.75N:23.41E, h10km, MD3.4, Error ellipse: s-maj=2.7km s-min=2.0km az=104.0

THE 17 22:27:10.7z 38.76N:23.43E, h8km, 1km, ML3.5/4, Error ellipse: s-maj=1.0km s-min=0.6km az=95.0

ATH 17 22:27:10.2z 38.78N:23.45E, h23km, MD3.4/17, ML3.8

ISC 17 22:27:10.9z 0.8, 38.77N:0.01z23.43E:0.01, h15km, 6km, n213, -0890/268, 7C-5D, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include SMIA Simia, SMIA Simia, SMIA Simia, SMIA Simia, LKR Lokris, LKR Lokris, LKR Lokris, SKIA Skiathos, SKIA Skiathos, SKIA Skiathos, EREA Eretria, EREA Eretria, AOS Alonnisos, AOS Alonnisos, AOS Alonnisos, AOS Alonnisos, NEO Neokhori, NEO Neokhori, NEO Neokhori, NEO Neokhori, VIL2 Platees, VIL2 Platees, VILL Villia, VILL Villia, VILL Villia, XOR Xorichti, XOR Xorichti, XOR Xorichti, XOR Xorichti, PROD Prodromos, PROD Prodromos, PROD Prodromos, FYTO Fytoko, Volos, FYTO Fytoko, Volos, FYTO Fytoko, Volos, DESF Desfina, DESF Desfina, DSF Desfina, DSF Desfina, DSF Desfina, DSF Desfina, PTL Penteli, PTL Penteli, PTL Penteli, ATH Athens Observa, ATH Athens Observa, ATH Athens Observa, LTK Loutraki, LTK Loutraki, LTK Loutraki, ATHU Athens Univers, ATHU Athens Univers, ATHU Athens Univers, AGG Agios Georgios, AGG Agios Georgios, THAL Thalerio, THAL Thalerio, THAL Thalerio, THAL Thalerio.

Table with columns: KALE Kalithea, KALE Kalithea, KALE Kalithea, SERG Sergoula, SERG Sergoula, PAIG Paliouri, PAIG Paliouri, PAIG Paliouri, GUR Goura, GUR Goura, GUR Goura, ANX Ano Chora, ANX Ano Chora, ANX Ano Chora, ANX Kalavryta, Ach, KLV Kalavryta, Ach, KLV Kalavryta, Ach, EFP Epfalio, EFP Epfalio, EFP Epfalio, EFA Lakka, EFA Lakka, DID Didima, DID Didima, DID Didima, DID Didima, EVR Erytria, EVR Erytria, EVR Erytria, THL Klokotos Trika, THL Klokotos Trika, THL Klokotos Trika, KRND KRANDI, KRND KRANDI, LIT Litokhoron, LIT Litokhoron, LIT Litokhoron, LIT Litokhoron, TRIP Tripoli, TRIP Tripoli, DRO Drossia, DRO Drossia, DRO Drossia, PLG Polygyros, PLG Polygyros, PLG Polygyros, VLX Vlachokerasia, VLX Vlachokerasia, VLX Vlachokerasia, OUR Ouranopolis, OUR Ouranopolis, OUR Ouranopolis, RLS Rilos of Patr, RLS Rilos of Patr, LIA Limnos Island, LIA Limnos Island, AMT Artemida-Makis, AMT Artemida-Makis, HORT Hortiatis, HORT Hortiatis, HORT Hortiatis, HORT Hortiatis, DSL Palaion Diasei, DSL Palaion Diasei, GRG Grivalos, GRG Grivalos, SGR SIGRI, SGR SIGRI, ITM Ithomi, ITM Ithomi, KZN Kozani, KZN Kozani, SOH Sokhos, SOH Sokhos, SOH Sokhos, VLI Velaii, VLI Velaii, CHOS Chios island, CHOS Chios island, PVL PVL, PVL PVL, PVL PVL, VLS Valsamata, VLS Valsamata, GRG Griva, GRG Griva, GRG Griva, SMTH Samothraki Isl, SMTH Samothraki Isl, SRS Serrai, SRS Serrai, SRS Serrai, APE Apeiranthos, APE Apeiranthos, KNT Kendrickon, KNT Kendrickon, KNT Kendrickon, NEST Nestorio, NEST Nestorio, EZN Ezine, EZN Ezine, IGT Igomunitisa, IGT Igomunitisa, FNA Florina, FNA Florina, FNA Florina, FNA Florina, SGA Sagiada, SGA Sagiada, SGA Sagiada, VAY Valandovo, VAY Valandovo, THRS Thri Island, THRS Thri Island, GELI Tayfur-Gelibol, GELI Tayfur-Gelibol, SMG Samos, SMG Samos, ERIK Erikl-Kesan, ERIK Erikl-Kesan.

17d 23h

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

ISC/JB 17:22:29.45.3.0.6, 0.40N, 0.09E, 36.18E, 0.07, h10km, mb3.7/10, MS3.7/8, Error ellipse: s-maj=12.5km, s-min=9.6km az=4.9

ISC 17:22:29.46.0.8, 0.55N, 36.20E, h0km, mb3.7/10, mb1.3/9.10, mb1mx3.7/4.7, mbtmp3.7/10, MS3.7/9, Ms1.3/7.9, ms1mx3.4/3.5, Error ellipse: s-maj=28.6km, s-min=12.2km az=5.0

ISC 17:22:29.47.3.0.9, 0.4N, 0.136E, 18E, 0.10, h10km, n16, <0566/11, mb3.6, MS3.8/8, Kenya

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

MEX 17:22:30.14.1.0.5, 17.80N, 99.90W, h61km, 4km, MD3.6, Guerrero

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

AZER 17:22:40.17.8.0.4, 42.61N, 42.72E, h68km, 126km, Error ellipse: s-maj=32.1km s-min=25.3km az=326.0

IASPEI 17:22:40.21.1.0.9, 42.56N, 0.02E, 43.37E, 0.02, h6km, 5km, Error ellipse: s-maj=3.0km s-min=2.6km az=80.1, GTS selection from ISC bulletin GTS 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

ISC 17:22:40.21.2.0.9, 42.57N, 0.01E, 43.35E, 0.02, h5km, 6km, n83, <0995/135, 11C-4D, Western Caucasus

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

2011 JAN

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

ISC 17:22:49.42.9.1.4, 32.31S, 178.17W, h0km, mb4.1/3, mb1.3/8.4, mb1mx3.9/3.1, mbtmp4.1/4, ML3.9/1, Error ellipse: s-maj=41.7km s-min=35.5km az=160.0

ISC 17:22:49.46.2.1.5, 32.55S, 0.1x178.2W, 0.3, h20km, n8, <1943/10, mb4.2/3, South of Kermadec Islands

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

874

DJA 17:23:12.57.8.0.3, 1.54S, 12.9E, h10km, M4.2/7, mB4.9/1, mb4.7/2, MLV4.0/7, Mw(mB)4.2/1

ISC 17:23:12.57.9.0.8, 1.18S, 0.05E, 129.38E, 0.05, h20km, n16, <1910/18, mb3.7/3, Halmahera

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

IASPEI 17:23:21.10.0.0.8, 42.58N, 0.02E, 13.24E, 0.02, h14km, 5km, Error ellipse: s-maj=3.1km s-min=2.5km az=65.3, GTS selection from ISC bulletin GTS 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

ROM 17:23:21.09.0.0.1, 42.57N, 13.26E, h11km, M3.0/28, M2.8/35, Error ellipse: s-maj=1.0km s-min=0.7km az=57.0

CSEM 17:23:21.10.1.0.1, 42.58N, 13.20E, h8km, ML3.5/10, Error ellipse: s-maj=2.4km s-min=1.7km az=33.0

PDG 17:23:21.10.2.0.3, 42.57N, 13.25E, h14km, ML2.9/8, Error ellipse: s-maj=0.6km s-min=0.8km az=0.2

ISC 17:23:21.10.4.0.8, 42.59N, 0.02E, 13.23E, 0.02, h13km, 4km, n102, <0997/147, 1C-10D, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SMA1, SMA1, SMA1, etc.

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

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

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

ISCJB 17 23:27:39.1±1.0, 16.8S:0.4:179.0W:0.2, h533km, mb3.6/7, Error ellipse: s-maj=64.5km s-min=14.4km az=153.7

ISC 17 23:27:40.0±1.0, 16.8S:0.4:179.0W:0.2, h533km, n10, e1917/11, mb3.5/7, Fiji Islands region

MOS 17 23:29:48.0±1.1, 30.29S:71.28W, h53km, mb4.8/6, Error ellipse: s-maj=19.8km s-min=11.9km az=86.4

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JTKR Abashiri-Toko, JNK Nakash, JOB Onbets, etc.

IDC 1723:50:36.8-1.9,564S-149:16E, h0km, mb3.7/3, mb1.4/1.3, mb1mx3.6/2.0, mbtmp3.8/3, Error ellipse: s-maj=133.3km s-min=28.9km az=125.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, ALAR Alice Springs, ILAR Eielson Array, etc.

SOME 18:00:11:57.6, 42:70N-79:55E, h10km, KRNET 18:00:11:58.0, 0.1, 42:77N-79:53E, h1km, mb3.2, NNC 18:00:11:58.1, 0.9, 42:77N-79:53E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=7.6km s-min=3.6km az=114.0, ISC 18:00:11:59.6, 1.3, 42:85N-0:04:79:53E, h3km, 10km, n55, c1534/97, 28C-37D, Lake Issyk-Kul region

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SHLS Shalkode, UZB Uzumbulak, PDGK Podgornoye, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ULHL Ulahol, KUU Kurmy, KST Kastek, BOOM Booms koye usch, etc.

IDC 18:00:18:20.8, 2.0, 59:09N-154:72W, h108km, 31km, mb3.5/4, mb1 3.7/7, mb1mx3.2/5.0, mbtmp3.9/7, MS3.1/1, Ms1 3.1/1, ms1mx2.6/4.5, Error ellipse: s-maj=35.4km s-min=16.2km az=104.0

ISCJB 18:00:18:21.3, 3.0, 58:87N-0:03:154:50W, 0.06, h144km, 3km, mb3.7/4, Error ellipse: s-maj=6.3km

NEIC 18:00:18:23.5, 58:89N-154:55W, h136km, mb4.5/3, After AEIC

ISC 18:00:18:22.1, 0.8, 58:90N-0:04:154:53W, 0.04, h140km, 6km, n93, c090/107, mb3.8/4, Alaska Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KAHC Katmai Hardscr, FOSS Fourpeaked Sta, KAWH Katmai, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BRLL Bradley Lake, BRLL Sitkinak Islan, CKL Chakachamna La, etc.

IDC 18:00:24:18.4, 1.0, 26:74N-141:56E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.5/4.1, mbtmp3.6/4, Error ellipse: s-maj=24.3km s-min=18.9km az=131.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JCGJ Chichijima, SONM Songo Array, WRA Warramunga Arr, etc.

IDC 18:00:24:24.7, 1.1, 7:74N-124:35E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/4.0, mbtmp3.6/4, Error ellipse: s-maj=53.1km s-min=19.0km az=58.0

ISCJB 18:00:24:26.9, 0.6, 7:94N-0:03:124:71E, 0.05, h25km, 6km, mb3.6/4, Error ellipse: s-maj=9.1km s-min=5.5km az=165.0

ISC 18:00:24:25.7, 1.3, 7:89N-0:04:124:66E, 0.05, h7km, 10km, n13, c1802/17, mb3.6/4, 3C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CGP Cagayan de Oro, CTBH Cotabato-PC H, KCP Kidapawan, etc.

DDA 18:00:32:43.2, 40:71N-32:97E, h2km, Md2.9, CSEM 18:00:32:44.1, 0.2, 40:74N-32:96E, h2km, MD2.9, Error ellipse: s-maj=4.0km s-min=3.0km az=174.0

ISC 18:00:32:44.1, 40:78N-32:98E, h10km, MD3.0, ISC 18:00:32:44.2, 1.1, 40:74N-0:02:32:95E, 0.02, h3km, 10km, n57, c0971/84, Turkey

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SAFT, BCAM, LOD, TOS, KAST, BBAL, AFRS, CORM, AMUH, KAMT, BTAS, BYBT, CDAG, SAHE, SAHE, BOYT, BOYT, COAL, SVRH, KULU, GULT, ESKT, BORA, BORA, YOZ, HAVZ, CHBY, KVT, AVNS, GULA, BNN, BNN.

ISCJB 18 00:34:06.2-0.7, 27.16N:09:143.60E:0.06, h10km, mb3.7/10, Error ellipse: s-maj=13.2km s-min=6.5km az=159.4

IDC 18 00:34:06.3-0.8, 27.07N:143.56E, h10km, mb3.7/9, mb1.3/9.10, mb1mx3.8/4.1, mbtmp3.7/10, ML3.1/1, Error ellipse: s-maj=20.9km s-min=20.7km az=112.8

JMA 18 00:34:10.9-0.2, 27.29N:143.27E, h87km, M4.2, ISC 18 00:34:07.9-0.9, 27.1N:01:143.51E:0.07, h10km, n15, $\phi=59.17^{\circ}$, mb3.6/10, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CBJJ, CBJJ, CJJ, JCH, JHHJ, JHHJ, JRY, KSRM, SONMO, WRA, ZALV, ASAR, MKAR, ILAR, YKA, FINES, NAR, PDAR.

KRNET 18 00:34:39.8-0.1, 39.50N:72.83E, mb2.0, 18C-4D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like OHH, OHH, BTk, BTk, ARK, ARK, TOKL, TOKL, ARLS, ARLS, AML, AML, MNAS, MNAS, MNAS, MNAS.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MNAS, MNAS, KZA, KZA, KK31, KK31.

ISCJB 18 00:37:02.9-0.4, 52.72N:0.06:156.4E:0.1, h293km, 4km, mb3.3/3, Error ellipse: s-maj=13.3km s-min=1.7km

MOS 18 00:37:02.8-1.1, 52.76N:156.31E, h295km, mb3.9/3, Error ellipse: s-maj=17.1km s-min=8.2km az=64.4

KRSC 18 00:37:02.4-1.2, 52.67N:156.51E, h294km, 10km, ML4.3, IDC 18 00:37:03.6-0.5, 52.85N:156.13E, h284km, 5km, mb3.1/9, mb1.3/4.1, mb1mx3.1/4.5, mbtmp3.9/11, Error ellipse: s-maj=16.5km s-min=14.2km az=122.0

ISC 18 00:37:03.5-0.6, 52.70N:0.06:156.56E:0.06, h292km, 5km, n63, $\phi=131.87^{\circ}$, mb3.3/2D, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like APC, APC, PETK, ASAK, ASAK, RUS, RUS, RUS, PAU, PAU, GNL, GNL, PETK, PETK, KOK, KOK, KOK, KOK, KRX, KRX, AVH, AVH, AVH, AVH, UGLV, UGLV, SMAR, SMAR, SMAR, SMAR, NLC, NLC, SKR, SKR, SKR, SKR, SKR, SKR.

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

SPN comp=N, 150nm, 0.6s smax smax

ISC 18 00:44:25.1-1.1, 58.45N:0.05:156.08W:0.07, h185km, 8km, n47, $\phi=0.75^{\circ}$, Alaska Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KELA, CNIC, ANCK, KVTA, PLWL, KABU, KABA, KABA, KCE, KCG, KAHC, PLK5, KAWH, PLK1, PLK3, CDD, FOPK, ANUP, OPT, OHAK, OHAK, KDAD, KDAD, KDAD, KDAD, ILW, CHIR, SVWZ, CNUP, BRK, BRK, STLK, STLK, SEW, R01, PWL, DT1, PPLA, SML, JPK, SMC, VMT, DIV, KLU, BMRM, HARP, ILAR, YKA, SONM.

IDC 18 00:45:54.7-10.0, 7.50S:128.34E, h105km, 104km, mb3.2/2, mb1.3/6.4, mb1mx3.2/27, mbtmp3.8/4, ML4.1/2, Error ellipse: s-maj=261.4km s-min=39.1km az=61.0, Banda Sea

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

ISCJB 18 01:00:49.4-1.5, 72.71N:0.09:4.7E:0.06, h10km, mb3.1/2, Error ellipse: s-maj=27.1km s-min=12.7km az=2.7

IDC 18 01:00:50.9-2.0, 72.58N:4.52E, h10km, mb3.3/1, mb1.3/4.6, mb1mx3.1/5.7, mbtmp3.4/6, ML2.9/5, Error ellipse: s-maj=22.8km s-min=23.0km az=101.0

ISC 18 01:00:52.4-1.6, 72.7N:0.1:4.8E:0.2, h10km, n9, $\phi=9.9^{\circ}$, Norwegian Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SPITS, SPITS, KONS, STOK, ARCES, NOA, HFS, FINES, GERES, TORD.

SOME 18 01:00:48.2-4.1, 15N:82.00E, h15km, MS3.0, IDC 18 01:00:50.2-1.2, 41.37N:82.19E, h0km, mb3.7/11, mb1.3/8.18, mb1mx3.7/6.9, mbtmp3.7/18, ML3.1/5, Error ellipse: s-maj=19.5km s-min=15.4km az=124.0

NNC 18 01:00:51.5-1.7, 41.35N:82.15E, h0km, mb4.3, mpv4.0, Error ellipse: s-maj=14.9km s-min=8.6km az=148.0

BUL 18 01:00:51.7-4.1, 39N:82.03E, h5km, mb4.0/8, ML3.8/11, mb3.0/9.3, M5.7/3.5/2, IDC 18 01:00:53.0-0.7, 41.36N:0.05:82.03E:0.04, h18km, n66, $\phi=193.79^{\circ}$, mb3.7/11, 18C-19D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SHLS, SHLS, KTMS, PDGK, PDGK, UZB, UZB, SATY, SATY, KPKS, KPKS, DJR, DJR, KURS, KURS, MNBS, MNBS, KOTS, KOTS.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MODO Medeo, TNSH Tian-Shan, etc.

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

MAN 18 01:30:08, 10:11N:126:35E, h16km, mb5.5, ML4.5, MS4.8, Philippine Islands region

ISCJB 18 02:01:58.7-0.6, 16:32S:0:04:175:88W:0:03, h341km,6km,mb4.7/121, Error ellipse: s-maj=7.2km s-min=4.1km az=149.6

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like FITZ Fitzroy Crossi, SOEI Soe, etc.

Table of astronomical observations for station 18D, including columns for station name, object name, magnitude, position, and time.

Table of astronomical observations for station 2011 JAN, including columns for station name, object name, magnitude, position, and time.

Table of astronomical observations for station 884, including columns for station name, object name, magnitude, position, and time.

18D 02:30:51.4+0.6, 27:34N, 143:27E, h0km, mb4.1/19, mb1.4/2/2, mb1mx4.2/42, mbtop4.0/22, ML3.3/3, MS3.5/1, M1.31/5.1, ms1mx2.6/47, Error ellipse: s-maj=16.1km s-min=14.5km az=104.0

Table of astronomical observations for station 18D, including columns for station name, object name, magnitude, position, and time.

0.3nm,0.8s,baz=328,slow=3.2,SNR=3.3
TORD Torodi Ar. Bea 125.05 312 PKP PKPdf 02 49 52.5 -2.0
PLCA Paso Flores 149.24 124 PKPbc PKPbc 02 50 41.8 -0.4

IDC 18 03:02:34.1,3.2,9.40N,126.13E,h87km,30km,mb3.8/12,
mb1 4.0/13,mb1mx3.7/46,mbtmp.4/113,MS3.1/5,
Ms1 3.2/5,ms1mx2.9/40,Error ellipse: s-maj=41.3km

PB04 0.3nm,0.8s,baz=180,slow=2.0,SNR=3.1
PB04 comp=E,1.1m,0.6s 2.20 270 i S AML Sn 03 41 42.4 -0.7
PB10 IPOC Station P 2.20 270 i P Sn 03 41 41.6 -0.7

ISJCJB 18 02:31:56.6,1.0,27.5N,01:143.4E,0.1,h10km,mb3.9/7,
Error ellipse: s-maj=18.8km s-min=7.1km az=138.7
IDC 18 02:31:56.8,1.2,27.39N,143.35E,h0km,mb3.9/7,
mb1 4.1/8,mb1mx3.8/39,mbtmp3.9/8,ML3.7/1,MS3.0/1,
Ms1 3.0/1,ms1mx2.5/49,Error ellipse: s-maj=28.6km
s-min=21.7km az=129.0

ISC 18 03:02:30.4,1.5,9.42N,01:05:126.4E,0.1,h52km,14km,
n38,r18/33,mb4.1/12,MS3.4/3,3C-3D,Mindanao
Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC

PB07 IPOC Station P 2.40 318i e P Pn 03 41 58.3 +0.3
PB07 IPOC Station P 2.40 318i e P Pn 03 41 47.9 -0.1
PB07 IPOC Station P 2.40 318i e P Pn 03 41 50.8

JMA 18 02:32:00.0,27.65N,143.19E,h51km,ML4.5
ISC 18 02:31:59.5,1.1,27.41N,01:143.3E,0.1,h10km,n12,
r0551/12,mb3.7/7, Bonin Islands region
Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
BUTP Butuan 0.85 238 e P Sn 03 02 59.2 +1.6
SCPH Surigao 0.25 293j e P Sn 03 02 46.1 -1.0
SCPH Surigao 0.25 293j e P Sn 03 02 58.8 -0.6

comp=E,534nm,0.3s 7.20 0 P Pn 03 42 23.0 +0.5
La Paz 7.20 0 P Pn 03 42 57.6 -2.5
Samuel 15.26 19 e Pn 03 44 07.4 -0.7
Paso Flores 17.27 186 P Pn 03 44 35.6 +2.9

IDC 18 02:52:00.6,0.9,15.81N,147.03E,h0km,mb4.0/13,
mb1 4.2/14,mb1mx4.0/39,mbtmp.4/114,ML4.8/1,Error
ellipse: s-maj=28.9km s-min=15.5km az=103.0
ISJCJB 18 02:52:02.5,0.6,15.76N,01:06:147.2E,0.0,h30km,
mb4.3/29,Error ellipse: s-maj=12.8km s-min=8.9km
az=171.9

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
CMAR Chiang Mai Arr 28.04 292 LR 03 18 44.0
WRA Warramunga Arr 30.22 156 P 03 08 36.0 -0.3
ASAR Alice Springs 33.70 167 P 03 09 07.2 +0.3

IDC 18 03:45:14.3,33.0,10.42N,122.24E,h0km,mb3.9/3,
s-maj=579.0km s-min=332.0km az=148.0,Paraguay
Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC

NEIC 18 02:52:09.8,1.6,15.70N,146.86E,h68km,11km,mb4.5/11,
Error ellipse: s-maj=23.9km s-min=9.5km az=89.0
BUJ 18 02:52:13.6,15.80N,145.40E,h36km,mb4.7/8,mb5.1/6,
Ms4.9/2,Ms7.4/6/2
ISC 18 02:52:04.9,0.7,15.68N,01:07:147.07E,0.0,h30km,n45,
r132/46,mb4.6/28,Mariana Islands region

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

WRA Warramunga Arr 32.44 158 P 03 05 154.4 -0.1
ASAR Alice Springs 35.75 172 P 03 05 124.4 +0.3
STKA Stephens Creek 45.96 157 P 03 05 38.6 -0.6

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
AN2A Anatahan 1.46 297 e Pn 02 52 32.4 +1.0
AN2A Anatahan 1.46 297 e Pn 02 52 52.1 +2.5
SARN Sarigan 1.60 310 e Pn 02 52 34.2 +0.4

ISCJB 18 03:02:30.2,1.0,9.44N,01:05:126.34E,0.09,h2km,9km,
mb4.1/12,Error ellipse: s-maj=16.3km s-min=5.8km
az=157.0
MAN 18 03:02:31.9,4.0N,126.19E,h20km,mb5.0,ML3.9,MS4.0

Code Station Name Az AZZ Phase ID Time Res
Code Op ISC h m s ISC
LVC Limon Verde 1.15 322 P Pn 03 41 04.0 +0.7
LVC Limon Verde 1.15 322 P Pn 03 41 22.3 +0.8
LVC Limon Verde 1.15 322 i P Pn 03 41 27.8 +1.2

IDC 18 03:53:03.9,0.6,3.48N,126.72E,h0km,mb2.4/15,
mb1 4.4/16,mb1mx4.1/53,mbtmp4.3/16,ML4.1/1,MS3.6/1,
Ms1 3.6/1,ms1mx2.8/39,Error ellipse: s-maj=37.4km
s-min=14.2km az=69.0
ISCJB 18 03:53:08.8,0.4,3.61N,01:03:127.10E,0.05,h48km,
mb4.3/21,Error ellipse: s-maj=6.9km s-min=4.4km
az=153.0
DJA 18 03:53:10.0,0.7,3.5N,127.7E,h10km,ML4.5/10,MB5.3/1,
mb4.6/6,ML4.4/10,MW(mw)4.7/7
NEIC 18 03:53:13.4,1.1,3.45N,126.98E,h79km,10km,mb4.5/7,

Hour ellipse: s-maj=16.8km s-min=8.7km az=76.0
ISC 18 03:53:10.8,0.6,3,57N,0.06,-127.07E,0.07,h48km,n42,
a=192/45,mb4.4/21,1,C,Talau Islands

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

Table with columns: JAM, Amami Oshima, 2.50 26 P, Pn, 04 11 56.5 -0.5, S, Sn, 04 12 06.5 -0.2. Lists seismic events with station names and coordinates.

Table with columns: KRND, VAM, VAMOS, 1.77 106 ePB, Pn, 04 12 46.1 -0.2, S, Sn, 04 12 46.1 -0.2. Lists seismic events with station names and coordinates.

ISC/JCB 18 04:03:08.2-1.2, 17.5S:0.4:178.8W:0.2, h547km,
mb3.9/10, Error ellipse: s-maj=60.5km s-min=14.4km
az=152.7

IDC 18 04:03:08.6:7.5, 17.61S:178.67W,h543km,90km,
mb3.4/10,mb1.3/7.10,mb1mx3.4/33,mbtmp4.3/10, Error
ellipse: s-maj=52.1km s-min=28.6km az=161.0

ISC 18 04:03:08.9:1.3, 17.6S:0.4:178.7W:0.2, h547km,n12,
o=66/11,mb3.8/10, Fiji Islands region

ISC/JCB 18 04:12:15.9:0.9, 35.92N:0.04:22.11E:0.04, h14km,7km,
Error ellipse: s-maj=8.0km s-min=3.3km az=43.3

ATH 18 04:12:15.9,35.92N:22.14E,h28km,2km,ML3.0/26,
ML3.2

CSEM 18 04:12:16.2:0.3, 35.94N:22.15E, h10km, ML3.0, Error
ellipse: s-maj=8.0km s-min=3.5km az=45.0

THE 18 04:12:16.3, 35.98N:22.14E, h13km,2km, ML3.0/B, Error
ellipse: s-maj=2.0km s-min=0.8km az=83.0

ISC 18 04:12:15.7:1.4, 35.93N:0.04:22.12E:0.04, h12km,9km,
n105,o=69/121, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the 18 04:03:08.2 event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the 18 04:12:15.9 event.

DDA 18 04:17:06.0, 40.11N:31.82E, h7km, Md2.7
CSEM 18 04:17:06.7:0.3, 40.13N:31.73E, h2km, MD2.7, Error
ellipse: s-maj=6.2km s-min=5.9km az=107.0

ISK 18 04:17:07.2, 40.04N:31.64E, h9km, MD2.6
ISC 18 04:17:06.7:1.2, 40.14N:0.03:31.76E:0.03, h5km,10km,
n22,o=87/34, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the 18 04:17:06.0 event.

NIED 18 04:11:00.26:20N:128.40E, h20km, Mw4.4 Best double
couple: M4.43000x1015 NP1.3218.00000, 817.00000,
lambda.82.00000, NP2.3446.00000, delta.73.00000, lambda.92.00000

IDC 18 04:11:14.9:0.8, 26.15N:128.16E, h0km, mb4.0/18,
mb1.4/2.19,mb1mx4.0/46,mbtmp4.0/19, ML3.7/1, MS3.9/14,
Ms1.3/9/14, ms1mx3.6/41, Error ellipse: s-maj=26.2km

s-min=17.9km az=68.0
ISC/JCB 18 04:11:17.0:0.9, 16.0N:128.44E:0.05, h30km,5km,
mb4.0/21,MS4.9/12, Error ellipse: s-maj=8.2km
s-min=6.5km az=42.4

NEIC 18 04:11:17.5:1.6, 26.16N:128.20E, h16km,9km, mb4.4/2,
Error ellipse: s-maj=12.1km s-min=7.8km az=122.0

NEIC Recorded [1 JMA] on Okinawa.
JMA 18 04:11:19.0:0.3, 26.24N:128.38E, h27km,4km, M3.8
JMA Feit J1.

ISC 18 04:11:16.8:2.0, 26.16N:128.37E:0.06, h14km,12km,
n47,o=1908/47,mb4.1/21,MS4.0/12,Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the 18 04:11:00.26 event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the 18 04:11:14.9 event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the 18 04:11:17.0 event.

IDC 18 04:46:41.6:47.0, 15.63S:172.93W, h0km, mb3.9/3,
mb1.4/1.3,mb1mx3.7/31,mbtmp3.9/3, Error ellipse:
s-maj=909.2km s-min=189.6km az=79.0, Samoa Islands region

IDC 18 04:49:24.1:0.7, 26.51N:144.02E, h0km, mb3.9/13,
mb1.4/2/15,mb1mx4.0/49,mbtmp3.9/15,ML3.9/2,MS3.0/2,
Ms1.3/0/2,ms1mx2.6/46, Error ellipse: s-maj=20.1km
s-min=17.9km az=49.0

NEIC 18 04:49:25.0:0.4, 26.50N:144.01E, h10km, mb4.4/5, Error
ellipse: s-maj=11.2km s-min=7.8km az=54.0

JMA 18 04:49:26.1, 27.02N:143.90E, h0km, M4.7
ISC 18 04:49:25.8:0.6, 26.61N:0.09:143.96E:0.07, h10km, n41,
o=1924/38,mb4.1/18, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the 18 04:46:41.6 event.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like ULN Ulanbaatar, H17A Grant Village, and WU4Z Wupatki.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like I28A Midland, ISCO Idaho Springs, and W33A Caddo, Fort Co.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like KURBB Kurchatov Arra, S36A Lake Cedric, and W33A Caddo, Fort Co.

18d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include YKA, BRG, KHC, GERES, FETA, TORO.

18d 06:09:25.4, 2.8, 54.04N, 86.47E, h0km, mb1 2.8/2, mb1mx2.8/43, mbtmpt2.8/2, ML2.5/2, Error ellipse: s-maj=22.4km s-min=13.8km az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include I46RU, ZALV, KURBB, MKAR.

18d 06:10:59.6, 3.0, 53.54N, 87.46E, h0km, mb1 2.8/2, mb1mx2.8/46, mbtmpt3.2/3, ML2.5/2, Error ellipse: s-maj=26.7km s-min=15.2km az=64.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include I46RU, ZALV, KURBB, MKAR.

18d 06:13:54.4, 3.5, 53.59N, 90.69E, h0km, mb1 3.2/3, mb1mx3.0/48, mbtmpt3.2/3, ML2.2/2, 3C-3D, Error ellipse: s-maj=33.0km s-min=23.8km az=33.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include I46RU, ZALV, KURBB, MKAR, MAZK, SONM.

MAN 18 06:16:19, 13.61N, 120.65E, h138km, mb4.0, ML2.8, MS2.5, Mindoro

ISCJB 18 06:19:06.6-0.5, 64.62S, 0.10, 176.1E, 0.3, h10km, mb4.8/14, MS4.6/16, Error ellipse: s-maj=21.2km s-min=10.9km az=149.3

18d 06:19:06.4, 0.5, 64.48S, 176.61E, h0km, mb4.5/9, mb1 4.6/9, mb1mx4.5/23, mbtmpt4.5/9, MS4.5/17, Ms1 4.5/17, ms1mx4.5/20, Error ellipse: s-maj=30.1km s-min=16.8km az=40.0

NEIC 18 06:19:07.0, 3.64, 56S, 176.40E, h10km, mb4.7/3, Error ellipse: s-maj=15.7km s-min=10.2km az=60.0

GCMT 18 06:19:07.0, 2.64, 41S, 176.63E, 12km, MW5.2/93, Moment tensor Solution: s38, c52, s93, c145. Duration: t1. Moment tensor: Scale 10^17Nm; Mir-0.74c; Dur: Mw=0.52; 02; Mw=0.22; 02; Mw=0.41; 05; Mw=0.29; 01; Mw=0.39; 05; Best double couple: Mo=0.91500x10^17 NP1=52.00000, 864.00000, -1.96.00000. NP2: q=245.00000, 827.00000, -1.78.00000. Principal axes: T 0.8870, Plg19.00000, Azml146.00000; N 0.0540, Plg5.00000, Azms4.00000; P -0.9430, Plg70.00000, Azm309.00000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

ISC 18 06:19:07.9-0.5, 64.65S, 0.1, 176.4E, 0.1, h10km, n65, 4994/39, mb4.8/14, MS4.5/16, Balleny Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include VNSA, RPZ, URZ, STKA, MAW, EIDS, SNAE, TBI, H01W1, H01W2, H01W3, ASAR, RKT.

2011 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include RKT, TAO, PVE, PPT2, PPT1, TIAR, MEH, WRA, WRA, WRAB, VAH, PMOR, PMG, PLCA, PLCA, SIJI, LEM, LVC, LVC, CPUP, DAV, GUMO, GUMO, LPAZ, LPAZ, H0S2, H0S1, H0S3, BDFB, SAML, PALK, H0S1, PDAR, SONM, TORD, ILAR, MKAR, ULM, YKA, ZALV, DGRG, TBGL, AKH, AKTO, ONI, KBZ, BRTR, NRIK, SCHO, ARU, KEST, RES, FRB, ESCD, AKASO.

JMA 18 06:19:48.6-0.5, 27.29N, 143.63E, h27km, ISCJB 18 06:19:51.1-1.0, 27.59N, 0.09, 143.3E, 0.1, h10km, mb3.8/7, Error ellipse: s-maj=19.2km s-min=6.7km az=40.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JMA, ISCJB, H0S2, H0S1, H0S3, BDFB, SAML, PALK, H0S1, PDAR, SONM, TORD, ILAR, MKAR, ULM, YKA, ZALV, DGRG, TBGL, AKH, AKTO, ONI, KBZ, BRTR, NRIK, SCHO, ARU, KEST, RES, FRB, ESCD, AKASO.

18d 06:19:52.1, 2.2, 27.58N, 143.12E, h0km, mb3.8/7, mb1 3.9/8, mb1mx3.7/49, mbtmpt3.8/8, ML3.8/1, Error ellipse: s-maj=28.5km s-min=17.2km az=122.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JMA, ISCJB, H0S2, H0S1, H0S3, BDFB, SAML, PALK, H0S1, PDAR, SONM, TORD, ILAR, MKAR, ULM, YKA, ZALV, DGRG, TBGL, AKH, AKTO, ONI, KBZ, BRTR, NRIK, SCHO, ARU, KEST, RES, FRB, ESCD, AKASO.

18d 06:19:52.9, 1.2, 27.59N, 0.1, 143.2E, 0.1, h10km, n11, 4945/13, mb4.0/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JMA, ISCJB, H0S2, H0S1, H0S3, BDFB, SAML, PALK, H0S1, PDAR, SONM, TORD, ILAR, MKAR, ULM, YKA, ZALV, DGRG, TBGL, AKH, AKTO, ONI, KBZ, BRTR, NRIK, SCHO, ARU, KEST, RES, FRB, ESCD, AKASO.

NEIC 18 06:21:14.4-0.7, 21.21S, 168.48E, h10km, mb4.5/1, Error ellipse: s-maj=20.6km s-min=12.6km az=138.0

ISCJB 18 06:21:15.4-1.0, 21.35S, 0.1, 168.6E, 0.1, h30km, mb4.4/10, Error ellipse: s-maj=22.5km s-min=10.8km az=141.6

18d 06:21:17.6, 0.1, 19S, 163.40E, h27km, mb4.2/10, mb1 4.3/11, mb1mx4.1/33, mbtmpt4.1/11, ML3.9/1, MS3.3/2, Ms1 3.3/2, ms1mx3.0/33, Error ellipse: s-maj=29.8km s-min=16.8km az=143.0

ISC 18 06:21:17.8-0.9, 21.2S, 0.2, 168.3E, 0.1, h30km, n28, 4086/30, mb4.5/10, 2D, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JMA, ISCJB, H0S2, H0S1, H0S3, BDFB, SAML, PALK, H0S1, PDAR, SONM, TORD, ILAR, MKAR, ULM, YKA, ZALV, DGRG, TBGL, AKH, AKTO, ONI, KBZ, BRTR, NRIK, SCHO, ARU, KEST, RES, FRB, ESCD, AKASO.

890

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, DZM, DZM, HNR, ARMA, CTA, PMG, WRA, WRA, ASAR, ASAR, NWAO, VNSA, USRK, PETK, CMAR, CMAR, CHTO, SONM, SONM, NVAR, YKA, ARCES, ARCES, FINES, DPC, BRG, CONA, KHC, KHC, GERES, GERES, GERES, SNF, WLF, DOU, DOU, FETA, FETA, DAVOX.

ISCJB 18 06:25:29.1, 2.26, 7N, 0.2, 142.1E, 0.3, h10km, mb3.8/7, MS4.0/3, Error ellipse: s-maj=41.0km s-min=23.8km az=166.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, DZM, DZM, HNR, ARMA, CTA, PMG, WRA, WRA, ASAR, ASAR, NWAO, VNSA, USRK, PETK, CMAR, CMAR, CHTO, SONM, SONM, NVAR, YKA, ARCES, ARCES, FINES, DPC, BRG, CONA, KHC, KHC, GERES, GERES, GERES, SNF, WLF, DOU, DOU, FETA, FETA, DAVOX.

18d 06:25:28.1, 1.3, 26.70N, 142.21E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.6/51, mbtmpt3.8/7, MS3.9/4, Ms1 3.9/4, ms1mx3.2/47, Error ellipse: s-maj=41.8km s-min=27.5km az=76.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, DZM, DZM, HNR, ARMA, CTA, PMG, WRA, WRA, ASAR, ASAR, NWAO, VNSA, USRK, PETK, CMAR, CMAR, CHTO, SONM, SONM, NVAR, YKA, ARCES, ARCES, FINES, DPC, BRG, CONA, KHC, KHC, GERES, GERES, GERES, SNF, WLF, DOU, DOU, FETA, FETA, DAVOX.

18d 06:25:29.1, 1.3, 26.70N, 0.2, 142.2E, 0.3, h10km, n11, 4915/17, mb4.0/7, MS4.0/3, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, DZM, DZM, HNR, ARMA, CTA, PMG, WRA, WRA, ASAR, ASAR, NWAO, VNSA, USRK, PETK, CMAR, CMAR, CHTO, SONM, SONM, NVAR, YKA, ARCES, ARCES, FINES, DPC, BRG, CONA, KHC, KHC, GERES, GERES, GERES, SNF, WLF, DOU, DOU, FETA, FETA, DAVOX.

DJA 18 06:29:41.1-1.0, 8.5S, 123E, h10km, M4.3/5, mb4.1/1, ML4.4/5, Flores Sea

18d 06:35:45.9, 0.9, 27.0N, 0.1, 143.61E, 0.9, h10km, mb3.6/7, Error ellipse: s-maj=19.3km s-min=11.0km az=175.0

18d 06:35:46.0, 1.0, 26.95N, 143.72E, h0km, mb3.5/7, mb1 3.9/8, mb1mx3.6/56, mbtmpt3.6/8, ML4.1/1, Error ellipse: s-maj=25.4km s-min=21.7km az=6.0

18d 06:35:47.1, 0.1, 26.9N, 0.1, 143.61E, 0.08, h10km, n10, 4915/11, mb3.5/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, DZM, DZM, HNR, ARMA, CTA, PMG, WRA, WRA, ASAR, ASAR, NWAO, VNSA, USRK, PETK, CMAR, CMAR, CHTO, SONM, SONM, NVAR, YKA, ARCES, ARCES, FINES, DPC, BRG, CONA, KHC, KHC, GERES, GERES, GERES, SNF, WLF, DOU, DOU, FETA, FETA, DAVOX.

18d 06:41:44.2, 5.5, 53.02N, 169.99W, h0km, mb3.6/3, mb1 4.0/3, mb1mx3.6/63, mbtmpt3.6/3, MS3.9/4, Ms1 3.9/4, ms1mx3.2/45, Error ellipse: s-maj=433.4km s-min=34.8km az=161.0

ISCJB 18 06:41:47.5, 1.7, 52.7N, 0.2, 169.6W, 0.3, h22km, 9km, mb3.6/3, MS4.1/3, Error ellipse: s-maj=46.8km s-min=11.1km az=141.1

NEIC 18 06:41:48.9, 52.65N, 169.25W, h5km, ML3.2(AEIC), After AEIC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arra, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 18 07:22:28.7, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

WEL 18 07:25:02.9, 0.5, 45.92S, 166.36E, h12km, ML3.5/8, 1C-1D, Error ellipse: s-maj=4.9km s-min=0.9km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PYZ Puysegur Point, Deep Cove, Wether Hill Ro, Mavora Lakes, etc.

ISCJB 18 07:44:53.8, 0.7, 24.84S, 0.08, 179.4E, 0.1, h507km, mb4.2/12, Error ellipse: s-maj=15.9km s-min=10.7km az=175.1

ISC 18 07:44:53.7, 2.2, 24.85S, 179.55E, h498km, 23km, mb1.3/13, mb1.3/9/13, mb1.3/9/13, mb1.3/9/13, mb1.3/9/13, Error ellipse: s-maj=2.1km s-min=1.9km az=1.0

ISC 18 07:44:54.3, 0.8, 24.93S, 0.10, 179.5E, 0.1, h507km, n22, c071/21, mb4.0/12, South of Fiji Islands

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

ISCJB 18 07:48:23.8, 0.6, 26.77N, 0.10, 141.32E, 0.06, h10km, mb4.0/10, Error ellipse: s-maj=14.5km s-min=7.0km az=163.6

IDC 18 07:48:23.5, 0.9, 26.82N, 141.147E, h0km, mb3.8/8, mb1.3/9/8, mb1.3/9/8, mb1.3/9/8, mb1.3/9/8, Error ellipse: s-maj=20.7km s-min=14.9km az=169.0

NEIC 18 07:48:25.4, 0.6, 26.81N, 141.43E, h10km, mb4.5/2, Error ellipse: s-maj=13.5km s-min=12.2km az=163.0

ISC 18 07:48:25.2, 0.9, 26.8N, 0.2, 141.43E, 0.09, h10km, n13, c120/14, mb4.0/10, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBU Chichi jima, CJC Chichijima, WRR Waramunga Arr, etc.

mb1.4/4.34, mb1mx4.3/49, mbtmp4.3/34, MS4.2/34, Ms1.4/2.34, ms1mx4.1/47, Error ellipse: s-maj=13.4km s-min=11.0km az=166.0

MOS 18 07:49:42.0, 1.0, 34.40N, 36.91W, h10km, mb4.7/37, Error ellipse: s-maj=6.4km s-min=6.4km az=57.6

BUI 18 07:49:42.1, 34.40N, 36.91W, h10km, mb5.0/8, mb5.7/6, Ms5.2/6, Ms7.5/6

ISCJB 18 07:49:42.3, 0.2, 34.43N, 0.05, 36.91W, 0.02, h12km, mb4.8/141, MS4.3/37, Error ellipse: s-maj=6.9km s-min=2.8km az=173.7

NEIC 18 07:49:44.0, 0.2, 34.42N, 36.84W, h10km, mb5.0/92, Error ellipse: s-maj=5.7km s-min=2.9km az=178.0

PDA 18 07:49:43.9, 34.12N, 36.84W, h10km, mb5.0, GCMT 18 07:49:44.0, 0.2, 34.44N, 36.87W, h12km, MW5.1/108, Moment Tensor Solution, s39, c49; s108, c179; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=6.14e-12; Mw=3.04e-13; Mw3.11e-10; Mw0.98e-43; Mw2.95e-09; Ms=0.27e-41; Best double couple: Ms6.16400x10^16 NP1: s23.00000, s48.00000, s-79.00000; NP2: s3.00000, s43.00000, s-102.00000. Principal axes: T 0.6400, Plg2.0000, Azm315.0000; N 0.2470, Plg8.0000, Azm45.0000; P -6.2830, Plg82.0000, Azm200.0000; nstai refers to body waves, cutoff=40s.

CSEM 18 07:49:44.0, 0.1, 34.47N, 36.83W, h10km, mb5.0/99, Error ellipse: s-maj=7.3km s-min=3.4km az=175.0

ISC 18 07:49:44.1, 0.3, 34.36N, 0.07, 36.83W, 0.05, h12km, n647, c1807/31, mb4.9/141, MS4.2/37, 20C-15D, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H07S1 FLORES T-PHASE, PCED Cedros, ROSA Rosales, etc.

GOPC	GO Pecny, Ondr	40.47	51	eP	P	07 57 22.7	+0.2
NOA	NORSAR Array B	40.50	34	P	P	07 57 21.5	-1.4
NOA	comp=Z,1.8nm,0.8s,baz=270,slow=7.5,SNR=3.7					08 11 32.2	
TOAD	Torodi Ar. Sit	40.76	112	eP	P	07 57 25.4	+0.2
TOAO	Torodi Ar. Sit	40.76	112	eP	P	07 57 25.4	+0.2
TORD	Torodi Ar. Bea	40.76	112	P	P	07 57 24.5	-0.7
TORD	comp=Z,3.6nm,0.9s,baz=304,slow=5.4,SNR=13					07 59 25.6	-1.0
TORD	comp=Z,0.4nm,0.7s,baz=314,slow=3.9,SNR=2.3					08 12 42.4	
PTGA	Pittinga	41.10	217	P	P	07 57 28.7	+0.7
UPC	Upice	41.28	50	eP	P	07 57 29.5	+0.3
UPC	Upice	41.28	50	eP	P	07 57 32.8	
UPC	Upice	41.28	50	eP	P	07 57 29.5	+0.3
UPC	Upice	41.28	50	eP	P	07 57 32.8	-0.1
HFS	Hagfors	41.44	36	P	P	07 57 30.3	0.0
DPC	Dobruska-Polom	41.48	51	eP	P	07 57 30.8	0.0
DPC	Dobruska-Polom	41.48	51	eP	P	07 57 30.8	0.0
DPC	Dobruska-Polom	41.48	51	eP	P	07 57 34.0	0.6
HDIL	Hopedale	41.60	294	P	P	07 57 31.8	-0.1
PKSM	Moragy	43.12	57	UP	P	07 57 44.6	+0.4
PKSM	Moragy	43.12	57	UP	P	07 57 44.6	+0.4
D37A	Cotton	43.15	305	P	P	07 57 43.7	-0.8
PBMO	Poplar Bluff	43.20	289	eP	P	07 57 45.3	+0.4
PBMO	Poplar Bluff	43.20	289	eP	P	07 57 45.3	+0.4
DAG	Danmarks Havn	43.30	6	iP	P	07 57 45.1	-0.2
DAG	comp=Z,6.0nm,0.9s					07 57 45.1	-0.2
DAG	Danmarks Havn	43.30	6	iP	P	07 57 45.2	-0.1
C36A	Pine Crest Far	43.39	305	P	P	07 57 45.9	-0.5
O40A	La Belle	43.61	294	P	P	07 57 47.4	-0.9
H37A	Dierke Farm, C	43.72	301	P	P	07 57 48.2	-0.9
E36A	McGregor	43.76	304	P	P	07 57 48.6	-0.8
RUSC	La Rusia	43.84	238	eP	P	07 57 51.8	+1.0
P40A	Paris	43.86	294	P	P	07 57 49.9	-0.4
K38A	Parkersburg	43.86	298	P	P	07 57 49.5	-0.8
N39A	Derby Farms, D	43.95	296	P	P	07 57 50.1	-0.9
B35A	Bob, Littlefor	43.95	306	P	P	07 57 49.6	-1.3
O40A	Laux Farm, Aux	43.98	293	P	P	07 57 50.4	-0.9
L38A	Oak Wood Farm,	44.08	297	P	P	07 57 50.6	-1.4
O39A	Kirksville	44.09	295	P	P	07 57 51.3	-0.9
C35A	Jirik Farms, M	44.16	305	P	P	07 57 51.9	-0.7
R40A	Maddies Statio	44.28	292	P	P	07 57 52.7	-1.0
M38A	Pleasantville	44.37	296	P	P	07 57 53.3	-1.0
P39A	Salisbury	44.40	294	P	P	07 57 53.9	-0.7
S40A	Lebanon	44.62	291	P	P	07 57 55.9	-0.5
Q39A	Willow Grove F	44.66	293	P	P	07 57 56.2	-0.5
L37A	Phoenix Point,	44.66	298	P	P	07 57 55.9	-0.8
STHS	Stebnicka Huta	44.67	52	eP	P	07 58 01.2	+4.6
STHS	Stebnicka Huta	44.67	52	eP	P	07 58 01.2	+4.6
T40A	Mansfield	44.73	290	P	P	07 57 56.8	-0.5
F35A	Swanville	44.74	303	P	P	07 57 56.4	-0.8
G35A	Watkins	44.75	302	P	P	07 57 56.5	-0.8
O38A	Galt	44.82	295	P	P	07 57 56.9	-1.0
R39A	Chumby, Stover	44.87	292	P	P	07 57 57.0	-1.4
P38A	Dawn	44.96	294	P	P	07 57 58.2	-0.9
M37A	Trindle Farm,	45.01	297	P	P	07 57 58.4	-1.0
H35A	Sunnyside Ranc	45.06	301	P	P	07 57 58.7	-1.1
K36A	Gillmore City	45.09	298	P	P	07 57 58.6	-1.4
Q38A	Cooks Store, C	45.17	293	P	P	07 57 59.7	-1.0
SIRR	Siria	45.20	56	UP	P	07 58 01.9	+1.0
UALR	University of	45.21	287	eP	P	07 58 00.0	-1.1
UALR	comp=Z,6.9nm,1.8s					07 58 00.0	-1.1
UALR	University of	45.21	287	eP	P	07 58 00.0	-1.1
UALR	comp=Z,6.9nm,1.8s					07 58 00.0	-1.1
CHIC	Chingaza	45.22	297	eP	P	07 58 02.0	+0.2
S39A	Bolivar	45.23	291	P	P	07 57 59.8	-1.5
BZS	Buzias	45.25	57	UP	P	07 58 01.6	+0.3
BZS	Buzias	45.25	57	UP	P	07 58 01.5	+0.3
BZS	Buzias	45.25	57	UP	P	07 58 01.6	+0.3
ULM	Lac du Bonnet	45.26	309	P	P	07 57 59.5	-1.8
ULM	comp=Z,3.7nm,0.7s,baz=84,slow=7.0,SNR=8.6					08 16 25.3	
O37A	Wolfen Farm, M	45.31	295	P	P	07 58 01.0	-0.9
C33A	Trail	45.37	306	P	P	07 58 01.0	-1.2
AGMN	Agassiz Nation	45.38	306	P	P	07 58 00.2	-2.0
HEL0	Santa Helena	45.39	241	eP	P	07 58 03.7	+0.5
T39A	Cleaver	45.43	290	P	P	07 58 01.4	-1.5
D33A	AnnSam, Waubun	45.47	305	P	P	07 58 01.8	-1.3
ROSC	El Rosal	45.48	238	LR	LR	08 15 00.9	
R38A	Fenwick Farm,	45.56	292	P	P	07 58 02.0	-1.9
P37A	Lathrop	45.59	294	P	P	07 58 03.5	-0.5
KWP	Kalwaria Pacla	45.61	52	UP	P	07 58 01.5	-2.6
KWP	Kalwaria Pacla	45.61	52	UP	P	07 58 01.5	-2.6
E33A	Westby DABS, E	45.65	304	P	P	07 58 03.2	-1.3
S38A	Stockton	45.69	291	P	P	07 58 04.1	-0.9
A32A	Rocking H Ranc	45.75	307	P	P	07 58 03.9	-1.3
Q37A	Longview Farm,	45.82	293	P	P	07 58 05.0	-0.9
Q36A	Bolkow	45.93	295	P	P	07 58 05.9	-0.9
GUVC	Guyana, Colomb	45.98	240	eP	P	07 58 00.9	-7.0
GZR	Gura Zlata	46.08	58	UP	P	07 58 08.6	+0.6
GZR	Gura Zlata	46.08	58	UP	P	07 58 08.6	+0.6
GZR	Gura Zlata	46.08	58	UP	P	07 58 08.6	+0.6
G33A	Ortonville	46.12	302	P	P	07 58 07.5	-0.7
P36A	Good Intent, A	46.23	294	P	P	07 58 07.9	-1.2
R37A	Teagarden Farm	46.24	293	P	P	07 58 08.2	-1.0
MIAR	Mount Ida	46.25	287	eP	P	07 58 08.7	-0.7
MIAR	Mount Ida	46.25	287	eP	P	07 58 09.5	+0.2
MIAR	Mount Ida	46.25	287	eP	P	07 58 09.5	+0.2
U38A	Gravette	46.36	290	P	P	07 58 09.2	-1.0
S37A	Fort Scott	46.37	292	P	P	07 58 08.6	-1.6
ECSD	EROS Data Cent	46.47	300	eP	P	07 58 09.5	-1.5

ECSD	EROS Data Cent	46.47	300	eP	P	07 58 10.5	-0.5
ECSD	EROS Data Cent	46.47	300	eP	P	07 58 10.5	-0.5
V38A	Canell	46.53	289	P	P	07 58 10.1	-1.5
T37A	Cheneyville 18	46.60	291	P	P	07 58 10.9	-1.1
C31A	Landman Farms,	46.68	306	P	P	07 58 11.2	-1.3
R36A	Gordon, Harris	46.75	293	P	P	07 58 11.7	-1.5
J33A	Davis	46.79	300	P	P	07 58 12.1	-1.5
W38A	Poteau	46.84	288	P	P	07 58 12.9	-1.1
VTS	Vitosh	46.84	61	UP	P	07 58 15.2	+1.1
VTS	Vitosh	46.84	61	UP	P	07 58 15.2	+1.1
VTS	Vitosh	46.84	61	UP	P	07 58 15.3	+1.1
G32A	Webster	46.85	302	P	P	07 58 13.0	-1.0
P35A	Duane Minner,	46.86	294	P	P	07 58 13.4	-0.7
H32A	Carlson Farm,	46.92	301	P	P	07 58 13.5	-1.1
N34A	Lincoln	46.93	296	P	P	07 58 13.6	-1.1
A30A	Hoffart Farm,	46.93	308	P	P	07 58 13.4	-1.1
U37A	Salina	46.94	290	P	P	07 58 13.5	-1.2
S36A	Lake Cedric, C	46.97	292	P	P	07 58 13.5	-1.4
H10N2	ASCENSION HYDR46.99 149	T	T			08 48 16.8	
H10N3	ASCENSION HYDR46.99 149	T	T			08 48 15.7	
B30A	Myrick Farm, E	47.00	307	P	P	07 58 14.4	-0.7
H10N1	ASCENSION HYDR47.01 149	T	T			08 48 18.2	
Q35A	Mercer Eighty,	47.03	294	P	P	07 58 13.9	-1.5
V37A	Hubbert	47.10	289	P	P	07 58 14.3	-1.7
C30A	Mose, Pekin	47.19	306	P	P	07 58 15.3	-1.2
X38A	Whitesboro	47.20	288	P	P	07 58 15.5	-1.3
O34A	Beatrice	47.22	295	P	P	07 58 15.7	-1.2
L33A	Hoskins	47.23	298	P	P	07 58 16.0	-1.0
R35A	Emporia Munici	47.28	293	P	P	07 58 16.1	-1.3
F31A	Hecla	47.28	303	P	P	07 58 16.1	-1.2
M33A	Taylor Creek F	47.29	297	P	P	07 58 16.4	-1.1
Y38A	Idabel	47.34	287	P	P	07 58 16.9	-1.1
T36A	Boogs Farm, Ca	47.36	291	P	P	07 58 16.7	-1.2
KSU1	Kansas State U	47.40	294	P	P	07 58 16.8	-1.5
KSU1	Kansas State U	47.40	294	eP	P	07 58 17.6	-0.8
KSU1	Kansas State U	47.40	294	eP	P	07 58 17.6	-0.8
D30A	Buchanan	47.45	305	P	P	07 58 16.3	-2.3
BUR04	Bucovina Ar. S	47.46	54	eP	P	07 58 19.8	+1.0
BUR04	Bucovina Ar. S	47.46	54	eP	P	07 58 19.8	+1.0
BUR04	Bucovina Array	47.46	54	UP	P	07 58 20.7	+1.9
BUR04	Bucovina Array	47.46	54	UP	P	07 58 20.7	+1.9
A39A	Walnut Farm, R	47.46	295	P	P	07 58 17.6	-1.2
A29A	Manning Farm,	47.55	308	P	P	07 58 17.6	-1.7
TUL1	Leonard	47.60	290	P	P	07 58 18.4	-1.5
TUL1	Leonard	47.60	290	eP	P	07 58 19.3	-0.6
TUL1	Leonard	47.60	290	eP	P	07 58 19.3	-0.6
K32A	Verdigr	47.64	299	P	P	07 58 18.7	-1.5
FINES	FINES Array B	47.64	35	P	P	07 58 19.1	-0.7
FINES	comp=Z,2.3nm,0.8s,baz=259,slow=3.9,SNR=7.9					08 16 43.0	
X37A	Clayton	47.65	288	P	P	07 58 19.6	-0.7
VOIR	VOIR	47.66	57	UP	P	07 58 20.4	+0.1
VOIR	VOIR	47.66	57	UP	P	07 58 20.4	+0.1
VOIR	VOIR	47.66	57	UP	P	07 58 20.4	+0.1
B29A	Wagenman Farm,	47.68	307	P	P	07 58 19.5	-0.9
Q34A	Chapman	47.70	294	P	P	07 58 19.7	-0.9
V36A	Jenks	47.75	290	P	P	07 58 20.1	-1.0
VSU	Vasula	47.81	39	UP	P	07 58 21.6	+0.4
VSU	comp=Z,2.6nm,1.1s					07 58 21.6	+0.4
T35A	Sooner Cattle	47.88	291	P	P	07 58 20.8	-1.3
O33A	Hebron	47.91	296	P	P	07 58 20.8	-1.5
MDND	Maddock	47.92	306	P	P	07 58 21.5	-0.7
MDND	Maddock	47.92	306	eP	P	07 58 21.6	-0.7
MDND	Maddock	47.92	306	eP	P	07 58 21.6	-0.7
H10S1	ASCENSION HYDR47.92 150	T	T			08 49 24.9	
H10S3	ASCENSION HYDR47.93 150	T	T			08 49 27.4	
H10S2	ASCENSION HYDR47.94 150	T	T			08 49 28.4	
G30A	Faulkton	48.02	303	P	P	07 58 21.9	-1.1
BGNE	Belgrade	48.03	297	P	P	07 58 22.4	-0.7
BGNE	Belgrade	48.03	297	eP	P	07 58 23.0	-0.2
BGNE	Belgrade	48.03	297	eP	P	07 58 23.1	-0.2
Y37A	Hugo	48.03	287	P	P	07 58 22.3	-0.9
R34A	Isabella, Hill	48.08	293	P	P		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like K05A Summer Lake, J05D Fort Rock, G5C Goldstone, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MKAR 0.7mm, MA2 0.7mm, KURSB Kurchatov, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SERG, PSARO, ANX, KALE, DLSL, etc.

ISCJB 18 09:43:12.1±1.2, 51.47N, 0°05'16.06E, h0km, Error ellipse: s-maj=7.5km s-min=4.5km az=26.2

CSEM 18 09:43:13.1±0.5, 51.48N, 16.11E, h1km, MLD 9/6, Error ellipse: s-maj=8.2km s-min=4.8km az=171.0

PRU 18 09:43:13.6±1.1, 51.46N, 16.13E, h0km, Error ellipse: s-maj=8.2km s-min=4.8km az=171.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSP, UPCE, DPC, PVCC, BRG, GOPC, PRU, MORC, CLL, OKC, VRAC, KHC, etc.

IGIL 18 09:48:39.0, 37.19N, 13.25W, h1km, MLD 2.7

MDD 18 09:48:40.3±2.6, 37.22N, 13.14W, h0km, mb4.0/13, Error ellipse: s-maj=24.6km s-min=18.4km az=45.0, PRXIMO

INMG 18 09:48:41.5±1.3, 37.00N, 13.52W, h10km, MLD 3.0, Error ellipse: s-maj=6.9km s-min=5.4km az=81.0

CSEM 18 09:48:43.2±0.4, 37.35N, 12.89W, h10km, MLD 3.7/24, Error ellipse: s-maj=6.9km s-min=5.7km az=61.0

ISC 18 09:48:40.2±4.3, 37.29N, 0°06'13.17W, h1km, n82, c1540/137, 1C-4D, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PFVI, PMAFR, PTEO, MORF, etc.

Table with columns: MORF, AML, AML, comp=N, 37nm, 0.2s, Marletele, etc. Includes stations like MORF, PNCL, MESJ, etc.

ISCJB 18 09:43:12.1±1.2, 51.47N, 0°05'16.06E, h0km, Error ellipse: s-maj=7.5km s-min=4.5km az=26.2

CSEM 18 09:43:13.1±0.5, 51.48N, 16.11E, h1km, MLD 9/6, Error ellipse: s-maj=8.2km s-min=4.8km az=171.0

PRU 18 09:43:13.6±1.1, 51.46N, 16.13E, h0km, Error ellipse: s-maj=8.2km s-min=4.8km az=171.0

Table with columns: MORF, AML, AML, comp=N, 20nm, 0.3s, Vaqueiros, etc. Includes stations like MORF, PNCL, MESJ, etc.

ISCJB 18 10:07:08.3±1.1, 40.72N, 36.87E, h7km, MLD 2.8

ISK 18 10:07:11.3±0.4, 40.18N, 37.05E, h5km, MLD 2.6

ISCJB 18 10:07:13.7±1.2, 40.40N, 36.99E, 0.03, h6km, n11km, n31, c198/38, Turkey

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

Table with columns: PGAV, Gavieira, Arco, 5.95 37 ePn, etc. Includes stations like PGAV, ELOB, MVO, etc.

ISCJB 18 10:06:14.6±1.1, 40.25S, 179.24W, h408km, 1.15km, mb3.8/3, mb1.4, 4.04, mb1.1rx3.4/19, mbtmp=4.8/4, Error ellipse: s-maj=81.0km s-min=37.0km az=27.0

ISC 18 10:06:16.5±1.2, 40.25S, 179.24W, h432km, n8, c0519/6, mb4.1/3, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ, STKA, ASAR, NB2, NOA, HFS, BRTR, etc.

DDA 18 10:07:08.3±1.1, 40.72N, 36.87E, h7km, MLD 2.8

ISCJB 18 10:07:13.7±1.2, 40.40N, 36.99E, 0.03, h6km, n11km, n31, c198/38, Turkey

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

ISCJB 18 10:12:48.3±1.7, 30.23S, 179.87E, h300km, mb2.7/2, Error ellipse: s-maj=35.7km s-min=11.1km az=171.0

mb1 2.9/2, mb1mx2 7/31, mbtmp3 3/2, Error ellipse: s-maj=82.5km s-min=33.4km az=10.0

ISC 18 10:12:48.6-1.3, 30.24S; 0.09, 179.9E; 0.3, h300km, n44, @153/48, Kermadec Islands region

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

ISCJB 18 10:17:36.7-0.6, 59.29N; 0.02-27.00E; 0.08, h0km, Error ellipse: s-maj=6.0km s-min=3.4km az=13.2

NAO 18 10:17:37.5-0.3, 59.30N; 27.08E, h1km, ML2.2, Error ellipse: s-maj=8.7km s-min=4.9km az=107.0, Mining explosion.

BER 18 10:17:38.5-2.9, 59.31N; 27.01E, h0km, ML2.2(NAO), Suspected explosion

HEL 18 10:17:38.1-0.2, 59.29N; 27.11E, h0km, ML1.9, Explosion

ISC 18 10:17:40.9-0.5, 59.32N; 0.02-27.03E; 0.05, h0km, n37, @122/60, Baltic States-Belarus-Northeastern Russia

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

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

IDC 18 10:41:09.3-0.6, 11.02N; 126.20E, h0km, mb4.1/14, mb1 4.2/14, mb1mx4 0/35, mbtmp4 0/14, MS3.3/4, Ms1 3.4/4, ms1mx3 0/44, Error ellipse: s-maj=34.8km s-min=14.2km az=70.0

ISCJB 18 10:41:14.3-0.5, 11.05N; 0.04-126.25E; 0.06, h49km, mb4.1/18, MS3.2/4, Error ellipse: s-maj=7.8km

NEIC 18 10:41:14.3-0.3, 10.91N; 126.07E, h35km, mb4.2/5, Error ellipse: s-maj=10.1km s-min=6.1km az=82.0

MAN 18 10:41:15.11, 0.06N; 126.16E, h36km, mb5.1, ML4.1, MS4.2

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like PLP, Palo, SCPL, Surigao, etc.

ISC 18 10:44:25.2-0.3, 31.76N; 47.74E, h0km, ML3.4

THR 18 10:44:30.9-0.6, 31.05N; 47.55E, h15km, 8km, ML3.5

CSEM 18 10:44:32.8-2.3, 31.21N; 47.57E, h20km, ML3.5, Error ellipse: s-maj=26.1km s-min=7.8km az=19.0

TEH 18 10:44:33.6, 31.21N; 47.57E, h8km, ML3.5

ISC 18 10:44:32.8-2.3, 31.21N; 47.57E; 0.08, h10km, n45, @861/44, 100-143, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like SHGR, Shooshtar-Gavs, IKFM, etc.

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

ISCJB 18 10:55:39.1-0.7, 18.7S; 0.1-169.6E; 0.1, h246km, mb3.7/10, Error ellipse: s-maj=20.4km s-min=11.0km az=39.4

IDC 18 10:55:43.2-2.1, 18.94S; 169.55E, h277km, 19km, mb3.5/10, mb1 3.8/11, mb1mx3 6.2/9, mbtmp4 2/11, Error ellipse: s-maj=20.6km s-min=16.4km az=21.0

ISC 18 10:55:39.0-0.7, 18.7S; 0.1-169.7E; 0.1, h246km, n17, @132/21, mb3.7/9, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like DZM, Mont Dzumac, URZ, etc.

AZER 18 11:13:01.2-16.0, 38.23N; 43.99E, h5km, Error ellipse: s-maj=9.3km s-min=6.8km az=247.0

NSSP 18 11:13:07.8, 38.80N; 44.63E, h10km, Ms3.6

TEH 18 11:13:10.0, 38.60N; 44.60E, h9km, ML3.5

CSEM 18 11:13:11.9, 0.2, 38.58N; 44.68E, h2km, ML3.5, Error ellipse: s-maj=7.2km s-min=2.9km az=176.0

ISK 18 11:13:15.0, 38.67N; 44.40E, h4.6km, ML3.2

ISC 18 11:13:12.6-0.8, 38.58N; 0.02-44.66E; 0.02, h3km, gkm, n82, @160/101, 19C-30D, Turkey-Iran border region

KIV	comp=Z,2um,17.0s	MLR	MLR						
KIV	Kislovodsk 62.74 319 P	P	P	11 44 09.4 +1.0					
KIV	Kislovodsk 62.74 319 P	P	P	11 44 08.5 +0.1					
KIV	Kislovodsk 62.74 319 eP	P	P	11 44 08.6 +0.1					
KIV	comp=Z,3um,21.0s	LR	LR						
GOF	Gofitskoye 62.98 320 P	P	P	11 44 10.1 +0.2					
GOF	eS	S	S	11 54 02.8 +1.4					
GOF	pmax	pmax	pmax						
ASF	Jabal al Asfar 63.01 305 P	P	P	11 44 11.1 +0.7					
EIL	Elat 64.04 302 P	P	P	11 44 17.4 +0.3					
MOO	Moorlands 64.07 140 P	P	P	11 44 17.2 0.0					
YAK	Yakutsk 64.34 17 P	P	P	11 44 16.0 -2.5					
YAK	comp=Z,15nm,0.5s,baz=30,slow=21,SNR=26	LR	LR	12 14 25.0					
YAK	Yakutsk 64.34 17 P	P	P	11 44 16.2 -2.3					
YAK	e	e	e	11 44 48.5					
YAK	eS	S	S	11 46 38.0					
YAK	e	e	e	11 54 07.5 -1.1					
YAK	eSS	SS	SS	11 57 10.2 +5.0					
YAK	pmax	pmax	pmax						
YAK	comp=Z,417nm,0.9s	pmax	pmax						
YAK	comp=E,132nm,1.1s	pmax	pmax						
YAK	comp=N,167nm,1.3s	pmax	pmax						
YAK	comp=Z,486nm,3.6s	pmax	pmax						
YAK	comp=N,155nm,2.7s	pmax	pmax						
YAK	comp=E,130nm,3.2s	smax	smax						
YAK	comp=N,773nm,2.2s	smax	smax						
YAK	comp=E,875nm,2.2s	MLR	MLR						
YAK	comp=Z,3um,15.0s	MLR	MLR						
YAK	comp=E,4um,15.0s	MLR	MLR						
YAK	comp=N,6um,15.0s	MLR	MLR						
YAK	Yakutsk 64.34 17 eP	P	P	11 44 16.4 -2.1					
HNR	Honiar 64.44 102 LR	LR	LR	12 13 31.2					
HNR	Honiar 64.44 102 LR	LR	LR	12 14 20.9 +0.9					
MMAI	Mount Meron Ar 64.44 305 P	P	P	11 44 19.0 -0.8					
SOKR	Solkamsk 64.53 339e P	P	P	11 44 20.0 +0.2					
SOKR	S	S	S	11 46 37.2					
SOKR	SS	SS	SS	11 52 54.7 -2.8					
SOKR	SS	SS	SS	11 57 08.4 +0.2					
SOKR	pmax	pmax	pmax						
SOKR	comp=Z,191nm,1.1s	MLR	MLR						
SOC	Sochi 64.56 318c P	P	P	11 44 19.6 -0.7					
SOC	e	e	e	11 44 27.1 -3.6					
SOC	e	e	e	11 46 45.0					
SOC	e	e	e	11 48 17.5					
SOC	ePPP	PPP	PPP	11 52 53.9 -4.6					
SOC	iS	S	S	11 54 03.9					
SOC	eSS	SS	SS	11 57 07.3 -2.0					
SOC	pmax	pmax	pmax						
SOC	comp=Z,40nm,0.7s	MLR	MLR						
MBAR	Mbarara 65.70 268 P	P	P	11 44 29.4 +0.9					
MBAR	Mbarara 65.70 268 PFAKE LR	LR	LR	11 44 40.0 +1.1					
VRH	Novokhoporsk 66.53 326 eP	P	P	11 44 32.6 -0.3					
VRH	eS	S	S	11 53 13.8 -8.5					
VRH	pmax	pmax	pmax						
VRH	comp=Z,60nm,0.7s	pmax	pmax						
VRH	comp=N,40nm,0.9s	pmax	pmax						
VRH	comp=E,40nm,0.8s	smax	smax						
VRH	comp=N,780nm,3.6s	smax	smax						
VRH	comp=Z,430nm,3.3s	smax	smax						
VRH	comp=E,670nm,2.5s	MLR	MLR						
VRH	comp=N,3um,21.0s	MLR	MLR						
VRH	comp=Z,5um,21.0s	MLR	MLR						
ANN	Anapa 66.53 318 eP	P	P	11 44 31.2 -1.8					
ANN	ePPP	PPP	PPP	11 44 37.7 -2.9					
ANN	e	e	e	11 46 59.4					
ANN	eS	S	S	11 53 18.6 -4.0					
ANN	eSS	SS	SS	11 57 46.5 +6.5					
ANN	pmax	pmax	pmax						
ANN	comp=Z,63nm,1.3s	MLR	MLR						
ANN	comp=E,2um,21.0s	MLR	MLR						
ANN	comp=Z,2um,21.0s	MLR	MLR						
CSS	Mathiatis 66.59 307 eP	P	P	11 44 35.3 +1.7					
CSS	comp=N,30nm,1.5s	LR	LR						
NRIK	Noril'sk 66.92 357 P	P	P	11 44 33.4 -1.7					
NRIK	comp=Z,57nm,0.7s,baz=159,slow=6.0,SNR=34	LR	LR	12 18 07.5					
BR131	Keskin Array S 67.59 312 P	P	P	11 44 40.6 +0.6					
BR131	Keskin Array S 67.59 312 P	P	P	11 44 37.2 -2.9					
BRTR	Keskin Array B 67.59 312 eP	P	P	11 44 37.2 -2.9					
BRTR	comp=Z,0.5nm,0.7s,baz=270,slow=1.3,SNR=4.2	LR	LR	12 13 05.5					
BRTR	comp=Z,1um,19.6s,baz=93,slow=38	LR	LR	12 17 02.2					
BRTR	Keskin Array B 67.59 312 P	P	P	11 44 40.2 +0.1					
VSR	Storzhevoye 67.98 325 eP	P	P	11 44 41.4 -0.7					
VSR	eS	S	S	11 53 29.9 -1.0					
VSR	pmax	pmax	pmax						
VSR	comp=Z,70nm,1.1s	pmax	pmax						
VSR	comp=N,20nm,1.5s	pmax	pmax						
VSR	comp=E,60nm,1.0s	smax	smax						
VSR	comp=N,750nm,3.9s	smax	smax						
VSR	comp=Z,300nm,4.9s	smax	smax						
ANTO	Ankara 68.25 312 eP	P	P	11 44 44.9 +0.7					
ANTO	comp=E,88nm,1.4s	LR	LR						
LHI	Lord Howe Isla 68.39 125 PFAKE LR	LR	LR	11 45 00.0 +1.5					
LPSR	Galich ya Gora 68.70 327 eS	S	S	11 44 46.7 +0.1					
LPSR	eS	S	S	11 53 41.8 -6.6					
LPSR	pmax	pmax	pmax						
LPSR	comp=Z,70nm,1.2s	pmax	pmax						
LPSR	comp=N,4.0nm,0.4s	pmax	pmax						

LPSR	comp=E,20nm,1.1s	smax	smax						
LPSR	comp=N,650nm,2.9s	smax	smax						
LPSR	comp=Z,170nm,2.9s	smax	smax						
SIM	comp=E,630nm,3.1s	68.80 318c P	P	11 44 47.7 +0.3					
SIM	Simferopol' 68.80 318c P	P	P	11 45 12.0					
SIM	e	e	e	11 47 17.0					
SIM	ePPP	PPP	PPP	11 48 56.0					
SIM	iS	S	S	11 53 48.0 -1.9					
SIM	eSS	SSS	SSS	11 54 22.0 +6.0					
SIM	pmax	pmax	pmax	12 01 19.0					
SIM	comp=Z,44nm,0.8s	pmax	pmax						
SIM	comp=Z,180nm,8.2s	MLR	MLR						
SIM	comp=N,3um,24.8s	69.01 181 P	P	11 44 58.0 +1.0					
MIR	Mirny Severo-Kuril's 69.22 36 eP	P	P	11 44 51.4 +1.6					
SKR	e	e	e	11 45 03.4					
SKR	e	e	e	11 54 18.0					
SKR	pmax	pmax	pmax						
SKR	comp=N,180nm,0.9s	pmax	pmax						
ISP	comp=Z,330nm,0.9s	69.46 309 P	P	11 44 53.9 +2.1					
ISP	Isparta 69.46 309 P	P	P	11 44 53.9 +2.1					
ISP	Isparta 69.46 309 PFAKE LR	LR	LR	11 45 00.0 +8.2					
ISP	comp=Z,4um,18.0s	69.73 253 eP	P	11 44 54.4 +0.5					
LSZ	Lusaka 69.73 253 eP	P	P	11 44 54.4 +0.5					
LSZ	comp=Z,26nm,1.0s	LR	LR						
MA2	Magadan 70.46 26 P	P	P	11 44 58.5 +1.2					
MOS	Moscow 70.74 329 eP	P	P	11 44 57.3 -1.8					
MOS	eS	S	S	11 45 17.6 -4.6					
MOS	e	e	e	11 54 56.9					
MOS	pmax	pmax	pmax						
MOS	comp=Z,164nm,1.2s	pmax	pmax						
MOS	comp=Z,1um,2.6s	smax	smax						
MOS	comp=N,2um,4.6s	smax	smax						
MOS	comp=E,2um,4.6s	MLR	MLR						
MOS	comp=N,5um,22.0s	MLR	MLR						
MOS	comp=E,6um,22.0s	MLR	MLR						
MOS	comp=Z,9um,22.0s	MLR	MLR						
OBN	Obninsk 71.03 328 P	P	P	11 44 59.8 -1.1					
OBN	comp=Z,33nm,0.4s,baz=67,slow=1.3,SNR=18	71.03 328c P	P	11 45 01.1 +0.3					
OBN	Obninsk 71.03 328c P	P	P	11 45 14.8					
OBN	iS	S	S	11 54 07.4 -8.1					
OBN	iSS	SS	SS	11 58 47.6 -1.3					
OBN	pmax	pmax	pmax						
OBN	comp=Z,355nm,2.5s	MLR	MLR						
OBN	comp=Z,4um,20.0s	71.03 328 P	P	11 45 01.8 +1.0					
OBN	comp=Z,521nm,1.2s,SNR=7.3	71.03 328 eP	P	11 45 01.9 +1.1					
OBN	comp=Z,433nm,1.7s	LR	LR						
OBN	comp=Z,4um,20.0s	LR	LR						
PEAO	Petrovsk 71.05 34 eP	P	P	11 45 02.7 +1.6					
PETK	Petrovsk 71.05 34 P	P	P	11 44 59.0 -2.1					
PETK	comp=Z,21nm,0.9s,baz=193,slow=6.1,SNR=12	LR	LR	12 16 60.0					
PETK	Petrovsk 71.56 34 eP	P	P	11 45 05.3 +1.2					
PET	eS	S	S	11 54 21.8 +0.1					
PET	eS	S	S	11 54 42.2 -1.0					
PET	pmax	pmax	pmax						
PET	comp=Z,3um,5.1s	pmax	pmax						
PET	comp=Z,145nm,0.8s	pmax	pmax						
PET	comp=Z,2um,9.8s	pmax	pmax						
PET	comp=Z,5um,16.0s	MLR	MLR						
PET	MLR	MLR	MLR						
PET	comp=Z,5um,17.0s	71.56 34 eP	P	11 45 05.8 +1.8					
PET	Petrovsk 71.56 34 eP	P	P	11 45 05.8 +1.8					
TIXI	Tiksi 71.99 10 P	P	P	11 45 07.1 +0.8					
TIXI	comp=Z,110nm,1.0s	MLR	MLR						
TIXI	comp=Z,9um,16.0s	MLR	MLR						
TIXI	Tiksi 71.99 10 eP	P	P	11 45 03.6 -2.7					
TIXI	comp=Z,132nm,1.0s	eP	eP	11 47 47.5 +1.2					
TIXI	LR	LR	LR						
KLMR	Klimovskoe 72.17 334c P	P	P	11 45 07.2 -0.4					
KLMR	KLMR 72.17 334c P	P	P	11 45 07.2 -0.4					
KLMR	comp=Z,125nm,1.4s	pmax	pmax						
KLMR	comp=Z,239nm,4.0s	MLR	MLR						
KLMR	comp=Z,5um,20.0s	MLR	MLR						
TIRR	Tirgusor 72.57 316 P	P	P	11 45 11.3 +0.9					
TIRR	Tirgusor 72.57 316 P	P	P	11 45 11.3 +0.9					
TIRR	Tirgusor 72								

18d 11h

Table with columns for station name, frequency, mode, and coordinates. Includes stations like Apatity, Uzhgorod, Siria, Kolonicke sedl, etc.

2011 JAN

Table with columns for station name, frequency, mode, and coordinates. Includes stations like KSP Ksiaz, Canterbury Las, McQueen's Vall, etc.

906

Table with columns for station name, frequency, mode, and coordinates. Includes stations like MXZ Matakaoa Point, FETA, NORARS Array S, etc.

NVL		eSS	SS	12 03 54.3	+14
NVL		pmax	pmax		
comp=Z,18nm,0.8s					
NVL		MLR	MLR		
comp=Z,3um,17.0s					
FIFF	Filios	91.09 312j	eP	P	11 46 50.0 +2.0
VALF	Valcebolle	91.51 312j	eP	P	11 46 52.1 +2.0
AFI	Afiamaul	92.40 104	LR	LR	12 27 23.5
comp=Z,57nm,21.8s	Cherrywood Fore	92.63 323	eP	P	11 46 56.6 +1.9
comp=Z,56nm,1.4s					
CWF					
comp=Z,2um,22.0s					
WVF	View	92.93 313j	eP	P	11 46 58.5 +2.0
DAG	Denmarks Havn	93.09 348	iP	P	11 46 56.7 +0.3
			pmax	pmax	
DAG	comp=Z,22nm,0.8s				
Denmarks Havn	93.09 348	iP	P	P	11 46 56.7 +0.3
comp=Z,30nm,0.8s					
ESK	Esksdalemir	93.35 326	iP	P	11 47 00.6 +2.5
LARF	Larrau	93.65 313j	eP	P	11 47 02.0 +2.2
TOAO	Torodi Ar. Sit	93.98 283	eP	P	11 47 02.8 +1.0
TOAO			ePP	PP	11 50 58.5 +1.0
TORD	Torodi Ar. Bea	93.98 283	eP	P	11 46 59.8 -2.0
TORD	comp=Z,6.8nm,1.0s	baz=105,slow=6.5,SNR=2			12 04 04.0 +0.3
comp=Z,0.5nm,0.6s	baz=256,slow=2.1,SNR=8.8				
TORD					
comp=Z,4um,18.0s	baz=100,slow=36				12 29 43.9
ALE	Alert	94.47 357	P	P	11 47 01.5 -1.3
comp=Z,282nm,0.7s,SNR=10					
DYA	Yadsworth	94.59 321	PFAKE	LR	11 47 10.0 +6.1
DYA					
TTA	Tatalina	95.66 26	eP	P	11 47 07.4 -1.2
TTA					
comp=Z,4um,21.0s					
ES19	SONSECA Array	96.27 310	eP	P	11 47 12.8 +0.9
ESDC	Sonsec Array	96.32 310	P	P	11 47 11.0 -1.1
comp=Z,0.7nm,0.4s	baz=63,slow=4.0,SNR=7.0				
ESDC					
comp=Z,1um,21.2s	baz=105,slow=37				12 33 41.2
SW2	Sparrevohn	96.39 28	PFAKE	LR	11 47 20.0 +8.1
SW2					
comp=Z,3um,18.0s					
COLD	Coldfoot	96.51 21	eP	P	11 47 14.3 +2.0
comp=Z,15nm,0.8s					
COLD					
comp=Z,9um,18.0s					
SCO	Scorebysund	96.74 343	iP	P	11 47 15.5 +2.3
SCO			pmax	pmax	
comp=Z,7.0nm,0.8s					
SCO	Scorebysund	96.74 343	iP	P	11 47 15.5 +2.3
comp=Z,6.5nm,0.8s					
CAST	Castle Rocks	97.19 25	eP	Pdif	11 47 17.3 +1.8
comp=Z,3um,0.4s					
CAST					
comp=Z,3um,20.0s					
PPLA	Purkeypile	97.33 25	PFAKE	LR	11 47 30.0 +1.4
PPLA					
comp=Z,4um,19.0s					
KTH	Kantishna Hill	97.62 25	eP	Pdif	11 47 20.2 +2.7
comp=Z,1um,0.6s					
KTH					
comp=Z,3um,20.0s					
TRF	Thorfare Moun	97.93 25	eP	Pdif	11 47 21.1 +2.0
comp=Z,829nm,0.7s					
TRF					
comp=Z,4um,21.0s					
COLA	College	98.34 23j	iP	Pdif	11 47 22.1 +1.5
comp=Z,3.0nm,1.0s					
COLA	College	98.34 23	PFAKE	LR	11 47 30.0 +9.4
comp=Z,4um,19.0s					
MCK	McKinley	98.38 24	eP	Pdif	11 47 21.9 +1.1
comp=Z,265nm,0.5s					
MCK					
comp=Z,4um,20.0s					
CCB	Clear Creek Bu	98.45 23	PFAKE	LR	11 47 30.0 +8.9
CCB					
comp=Z,4um,20.0s					
RND	Reindeer	98.54 24	eP	Pdif	11 47 22.9 +1.3
comp=Z,352nm,0.8s					
RND					
comp=Z,4um,22.0s					
IL1	Eielson Array	98.76 23	eP	P	11 47 22.5 +0.1
ILAR	Eielson Array	98.76 23	eP	P	11 47 22.5 +0.1
comp=Z,1.9nm,0.9s	baz=296,slow=4.5,SNR=14				
ILAR					
comp=Z,0.5nm,0.7s	baz=149,slow=2.4,SNR=6.3				12 03 51.0 -1.9
ILAR					
comp=Z,2um,19.8s	baz=309,slow=38				12 35 46.7
ILB	Eielson Array	98.76 23	eP	Pdif	11 47 22.9 +0.4
comp=Z,139nm,0.6s					
CNPM	China Poot	98.94 28	PFAKE	LR	11 47 30.0 +6.6
CNPM					
comp=Z,4um,20.0s					
RC01	Rabbit Creek A	99.06 27	PFAKE	LR	11 47 30.0 +6.1
RC01					
comp=Z,3um,19.0s					
PMR	Palmer	99.14 26	PFAKE	LR	11 47 30.0 +5.8
PMR					
comp=Z,5um,18.0s					
DHY	Denali Highway	99.29 24	PFAKE	LR	11 47 40.0 +1.5
DHY					
comp=Z,4um,22.0s					
SML	Sawmill	99.40 26	eP	Pdif	11 47 27.5 +2.0
comp=Z,134nm,0.6s					
SML					
comp=Z,3um,20.0s					
SUMG	Summit	99.77 347	iP	Pdif	11 47 29.3 +2.0
SUMG			pmax	pmax	
comp=Z,18nm,1.0s					
SUMG	Summit	99.77 347	iP	Pdif	11 47 29.3 +2.0
comp=Z,18nm,1.0s					
SUMG	Summit	99.77 347	ePdif	Pdif	11 47 28.8 +1.5
comp=Z,526nm,3.0s					
SUMG					
comp=Z,4um,18.0s					
SCM	Sheep Creek Mo	99.83 26	PFAKE	LR	11 51 33.4 +2.0
SCM					
DOT	Dot Lake	100.37 23	PFAKE	LR	11 47 40.0 +1.0
DOT					
comp=Z,8um,19.0s					
KLU	Klutina	100.58 26	PFAKE	LR	11 47 40.0 +9.2
KLU					
comp=Z,3um,19.0s					
DIV	Divide	100.80 26	PFAKE	LR	11 47 40.0 +8.3
DIV					
comp=Z,4um,18.0s					
EGAK	Eagle	100.92 22	PFAKE	LR	11 47 40.0 +7.9
EGAK					
comp=Z,5um,22.0s					
EYAK	Cordova Ski Ar	101.07 26	PFAKE	LR	11 47 40.0 +7.2
EYAK					
comp=Z,7um,18.0s					
BMRM	Bremner River	101.39 26	PFAKE	LR	11 47 40.0 +5.7
BMRM					
comp=Z,4um,21.0s					
INK	Inuvik	101.41 17	ePdif	Pdif	11 47 35.7 +1.6
INK					
comp=Z,5um,19.0s					
RAGM	Ragged Mountal	101.62 26	PFAKE	LR	11 47 50.0 +1.5
RAGM					
comp=Z,6um,18.0s					
DAWY	Dawson	101.95 22	ePdif	Pdif	11 47 38.8 +2.1
DAWY					
comp=Z,5um,19.0s					
RES	Resolute Bay	102.55 3	ePdif	Pdif	11 47 33.5 -5.7
RES					
comp=Z,3um,21.0s					
YKA	Yellowknife Ar	110.98 15	Pdif	Pdif	11 48 19.4 +2.6
comp=Z,1.2nm,0.8s	baz=325,slow=4.2,SNR=17				
YKA					
comp=Z,0.4nm,0.7s	baz=334,slow=2.3,SNR=5.9				11 52 14.9 -1.2
YKA					
comp=Z,2.5nm,0.8s	baz=336,slow=7.2,SNR=8.3				
YKA					
comp=Z,0.3nm,0.6s	baz=150,slow=3.6,SNR=5.8				12 03 13.2 -2.6
YKA					
YKBS	Yellowknife Ar	110.98 15	ePdif	Pdif	11 48 17.9 +1.1
TBI	Tubuai	113.16 114	eP	PP	11 53 04.5 -6.7
comp=Z,206nm,26.5s					
TBI			eSdif	Sdif	12 00 49.9 -2.6

TBI	comp=Z,364nm,27.8s		eSS	SS	12 02 42.6 -1.5
TBI	comp=Z,2um,27.8s				
Tubus	113.16 114	eLQ	LQ	LQ	12 21 26.1
comp=Z,3um,39.5s					
TBI	comp=Z,4um,23.5s		eLR	LR	12 26 13.3
PPT2	Papeete2	113.68 108	ePP	PP	11 53 11.1 -4.0
comp=Z,234nm,24.2s					
PPT2			eSP	SP	12 02 43.3 -5.9
comp=Z,1um,25.5s					
PPT2	Papeete2	113.68 108	eLR	LR	12 25 58.6
comp=Z,3um,25.0s					
HOPE	Hope Point	115.76 209	PFAKE	LR	11 52 40.0 +15
HOPE					
comp=Z,3um,20.0s					
PMSA	Palmer Station	116.34 189	PFAKE	LR	11 52 40.0 +14
PMSA					
comp=Z,4um,18.0s					
FCC	Fort Churchill	118.29 6	ePKPdf	PKPdf	11 52 30.5 +0.3
B05A	Bryant	119.30 28	P	P	11 52 33.5 +1.0
B08A	Bozville Reser	120.51 27	ePKPdf	PKPdf	11 52 35.7 +0.8
LTY	Liberty	120.69 29	ePKPdf	PKPdf	11 52 36.5 +1.2
G03D	McMinville, O	120.81 32	P	P	11 52 36.5 +1.0
comp=Z,312					
FFC	Film Flon	120.91 12	iPKP	PKPdf	11 52 36.7 +1.3
FFC	Film Flon	120.91 12	iPKP	PKPdf	11 52 35.4 0.0
FFC			ePP	PP	11 54 02.2 -1.2
SCHO	Schefferville	121.13 349	PKP	PKPdf	11 52 35.0 -0.8
comp=Z,5.9nm,0.6s	baz=235,slow=11,SNR=5.3				
C09A	Chrisman Ranch	121.40 27	ePKPdf	PKPdf	11 52 38.1 +1.6
C09A					
comp=Z,3um,18.0s					
NEW	Newport	121.56 26	P	PKPdf	11 52 38.4 +1.5
NEW	Newport	121.56 26	ePKPdf	PKPdf	11 52 38.9 +1.9
E07A	Sunnyside	121.58 29	ePKPdf	PKPdf	11 52 38.8 +1.8
E07A					
comp=Z,2um,21.0s					
D08A	Wollman Farm	121.66 28	ePKPdf	PKPdf	11 52 38.9 +1.8
H04A	Detroit Lake	121.73 32	ePKPdf	PKPdf	11 52 38.8 +1.4
I03D	Drain, OR	121.77 33	P	PKPdf	11 52 38.5 +1.5
comp=Z,311					
G05D	Wamic, OR	121.79 31	P	PKPdf	11 52 38.5 +1.0
comp=Z,314					
HAWA	Hanford	121.86 29	ePKPdf	PKPdf	11 52 38.6 +1.1
WALA	Waterton Lakes	122.26 23	ePKPdf	PKPdf	11 52 40.8 +2.3
WALA			ePP	PP	11 54 17.6 +4.6
I05D	Terrebonne, OR	122.41 31	P	PKPdf	11 52 39.4 +0.8
comp=Z,314					
L02D	Cave Junction,	122.64 35	P	PKPdf	11 52 40.1 +1.0
HUMO	Hull Mountain	122.71 34	ePKPdf	PKPdf	11 52 40.3 +1.0
J05D	Fort Rock, OR	122.79 32	P	PKPdf	11 52 40.8 +0.5
comp=Z,313					
F10A	Beach Ranch, E	123.25 27	ePKPdf	PKPdf	11 52 38.4 -1.9
SWMT	Swartz Lake	123.27 24	ePKPdf	PKPdf	11 52 41.4 +0.7
M02C	Callahan	123.56 35	P	PKPdf	11 52 41.9 +0.9
comp=Z,311					
K05A	Summer Lake	123.75 32	ePKPdf	PKPdf	11 52 42.9 +1.4
M04C	Madocel	123.87 34	P	PKPdf	11 52 41.9 +0.3
comp=Z,312					
N02D	Trinity Center	123.92 35	P	PKPdf	11 52 42.4 +0.7
comp=Z,311					
MSO	Missoula	124.03 25	P	PKPdf	11 52 42.2 +0.4
MSO	Missoula	124.03 25	ePKPdf	PKPdf	11 52 38.8 -3.0
comp=Z,4um,19.0s					
J08A	Circle Bar Ran	124.57 30	ePKPdf	PKPdf	11 52 44.4 +1.5
MOD	Modoc Plateau	124.64 33	ePKPdf	PKPdf	11 52 45.3 +2.2
EGMT	Eagleton	124.68 21	P	PKPdf	11 52 43.8 +0.9
comp=Z,328					
EGMT	Eagleton	124.68 21	ePKPdf	PKPdf	11 52 43.9 +0.9
EGMT					
comp=Z,2um,20.0s					
O03D	Paynes Creek	124.88 35	P	PKPdf	11 52 43.8 +0.2
comp=Z,311					
WVOR	Wild Horse Val	125.15 31	ePKPdf	PKPdf	11 52 46.3 +2.2
LRM	Lodge Ridge	125.46 24	ePKPdf	PKPdf	11 52 46.0 +1.3
ORV	Oroville	125.54 36	ePKPdf	PKPdf	11 52 46.3 +1.5
DLMT	Dillon	125.77 25	ePKPdf	PKPdf	11 52 45.8 +0.6
MFID	Camas Ranch	125.83 29	ePKPdf	PKPdf	11 52 46.5 +1.2
BOZ	Bozeman (W)				

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elev, Az, AzG, AzM, AzS, AzT, AzR, AzL, AzB, AzC, AzD, AzE, AzF, AzG, AzH, AzI, AzJ, AzK, AzL, AzM, AzN, AzO, AzP, AzQ, AzR, AzS, AzT, AzU, AzV, AzW, AzX, AzY, AzZ. Rows include: MPMC Manual Prospec, G29A Hoven, NLU North Lily Min, FURC Furnace Creek, O16A Springville, E36A McGregor, K22A Casper, K22A Casper, H28A Mission Ridge, L26A New Underwood, F33A 5 Mile Ranch, BTPC Burnt Peak, LRMC Laurel Mtn Rad, G30A Faulkton, I27A Quinn, H29W Onida, EMMW East Machias, IMU Iron Mountain, J25A Sunshine Ranch, G32A Webster, F35A Swanville, F36A Milaca, I28A Midland, J26A Sides Ranch, G33A Ortonville, GSC Goldstone, Bar, GSC Goldstone, Bar, SUSD Miller, I29A Vivian Onida, SHPR Sheep Range, FMP Fort Macarthur, MNT Montreal, MSU Marysvalle, BFSC Mount Baldy Ra, P18A Preston Nutter, WVL Waterville, G35A Watkins, C1S Catalina Islan, J27A Elkhorn Farm, CCUT Cedar City, J28A Allard Ranch, G36A St. Michael, I30A Oacoma, SC12 San Clemente I, SRU San Rafael Swe, SPMN Marine on St., BBRC Big Bear Solar, J29A Okreek, H25A Sunnyside Ranc, O30A White River Ci, O20A White River Ci, I32A Karley and Nic, PHWY Pilot Hill, MURC Murieta, J30A Dallas, K28A Ten Mile Ranch, H36A Jesseland, He, N23A Red Feather La, N23A Red Feather La, GMRC Granite Mounta, LBNH Lisbon, PLVO Plevna, I34A Hadley, RCBR Riachuelo, H37A Dierke Farm, C, J31A Geddes, K29A Lazy Trails An, ECSD EROS Data Cent, ECSD EROS Data Cent, J32A Parkston, PFO Pinyon Flats O, PFO PFO, BELC Belle Mtn. Jos, K30A Basset, SADO Sadowa, J33A Davis

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elev, Az, AzG, AzM, AzS, AzT, AzR, AzL, AzB, AzC, AzD, AzE, AzF, AzG, AzH, AzI, AzJ, AzK, AzL, AzM, AzN, AzO, AzP, AzQ, AzR, AzS, AzT, AzU, AzV, AzW, AzX, AzY, AzZ. Rows include: I37A Lemond, Waseca, GLMI Grayling, HNH Hanover, PV09 Paradox Valley, FFD Franklin Falls, IRM Iron Mountain, PV10 Paradox Valley, K31A O'Neill, L29A Maesberg Ranch, J34A George, MONP2 Monument Peak, BC3 Big Chuckwall, K32A Verjere, PV05 Paradox Valley, SMCO Snowmass, ISCO Idaho Springs, ISCO Idaho Springs, J36A Seneca 1, Swea, M28A Bar Bar Ranc, PV01 Paradox Valley, ACCN Andriodack Con, SWSC Sam W. Stewart, IBP Imperial Bould, PDMCI Parker Dam, Lak, J37A Redenius Farm, K34A Le Mars, Y12C Blythe, J38A Wedel Dairy, R, K35A Storm Lake, L32A Elgin, L33A Hoskins, HRV Adam Dzewonski, WES Weston, GLA Glamis, GLA Glamis, N28A Pribbeno Ranch, K37A Gillette City, K36A Belmont, TRY Troy, WUAZ Wupatki, WUAZ Wupatki, N29A Votaw Ranch, W, M31A Lantecht Ranc, Q24A Divide, Q24A Divide, MVCO Mesa Verde, MVCO Mesa Verde, L34A Svendens Farm, QUA2 Belchertown, L35A Bielow Farm, R, K38A Parkersburg, BGNE Belgrade, BGNE Belgrade, M33A Taylor Creek F, O28A Krutinger Ran, BRYW Bryant College, L36A Harm Buss Farm, S22A 4UR Ranch, Cre, S22A 4UR Ranch, Cre, M34A Aspy Farms, Fr, O29A 4D Ranch, Culb, L38A Oak Wood Farm, M35A Neola, O30A NW Ranch, Wils, P28A Saint Francis, SCIA State Center, BINY Binghamton, SDCO Great Sand Dun, SDCO Great Sand Dun, SDCO Great Sand Dun, KSCO Kaye Sheddock, O31A Wagon Ranch, M37A Trindle Farm, W18A Petrified Fore, Q26A Sharon Springs, AAM Ann Arbor

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elev, Az, AzG, AzM, AzS, AzT, AzR, AzL, AzB, AzC, AzD, AzE, AzF, AzG, AzH, AzI, AzJ, AzK, AzL, AzM, AzN, AzO, AzP, AzQ, AzR, AzS, AzT, AzU, AzV, AzW, AzX, AzY, AzZ. Rows include: M38A Pleasantville, P30A Selden, ERPA Erie, N35A Tabor, N36A Muff Farm, Cla, O33A Hebron, P31A Stockton, PAL Palisades, Q29A Oakley, ODNJ Ogdensburg, O34A Beatrice, N37A Lee Faris, Mou, P32A Huiting Farm, 214A Organ Pipe Nat, R28A Tribune, N38A Joes South For, M54A Oil Creek Sta, N39A Derby Farms, D, T25A Trinidad, T25A Trinidad, R29A Mariennial, CBKS Cedar Bluff, O36A Bolckow, P34A Walnut Farm, R, R30A Dighton, N54A Moraine State, O38A Gall, P35A Duane Minner, S28A Manter, O39A Kirksville, Q33A Connelly Farm, SSPA Standing Stone, P36A Good Intent, A, R31A Burdett, HDIL Hopedale, HDIL Hopedale, TUC Tucson, TUC Tucson, KSU1 Kansas State U, KSU1 Kansas State U, S29A Ulysses, O40A La Belle, R32A Long Quarter, P37A Lathrop, Q34A Chapman, ANMO Albuquerque, ANMO Albuquerque, P38A Dawn, S30A Montezuma, LAZ Laux Farm, O56A Blue Knob Stat, SFIN Lafayette, SFIN Lafayette, T29A Hugoton, R33A Olander Ranch, Q35A Mercer Eighty, P39A Salisbury, P40A Paris, ACSO Alum Creek Sta, LPM Los Pinos Moun, Y22D IRIS PASCALL, BNM Barren Site, BNM Barren Site, T30A Plains, Q38A Cooks Store, C, R35A Emporia Munci, Q39A Willow Grove F, T31A Randall Ranch, U29A Oasis Ranch, S, MCWV Mont Chateau, R36A Gordon, Harris, S33A Kaszmaul Farm, Q40A Laux Farm, Aux, T32A Huddler Ranch, 121A Cookes Peak, D, S35A Otter Creek Ra, S36A Lake Cedric, C, SLM Saint Louis, SLM Saint Louis

R40A	Maddies Statio	138.56	10	P	PKPdf	11 53 11.3 +1.9
U32A	Winter Ranch,	138.67	19	P	PKPdf	11 53 11.2 +1.5
U33A	Lingo Farm, Me	138.91	18	P	PKPdf	11 53 11.8 +1.8
T35A	Sooner Cattle	138.92	16	P	PKPdf	11 53 12.2 +2.2
S39A	Bolivar	138.94	12	P	PKPdf	11 53 11.4 +1.4
V31A	Spring Creek L	138.94	20	P	PKPdf	11 53 11.9 +1.7
T36A	Boogs Farm, Ca	138.95	15	P	PKPdf	11 53 12.2 +2.1
CBN	Corbin Frederi	139.01	352	PFAKE	LR	11 53 20.0 +1.0
U34A	Anderson Ranch	139.07	17	P	PKPdf	11 53 12.6 +2.3
U34A	Anderson Ranch	139.07	17	ePKPdf	LR	11 53 07.1 -3.2
HSIG	HSIG	139.09	38	PFAKE	LR	11 53 20.0 +9.4
T37A	Cheneyville 18	139.13	14	P	PKPdf	11 53 12.3 +1.9
SPB	Sao Paulo	139.24	236	PFAKE	LR	11 53 20.0 +9.1
WCI	Wyandotte Cave	139.32	3	PFAKE	LR	11 53 20.0 +9.2
V33A	Lossen Ranch,	139.41	18	P	PKPdf	11 53 12.0 +1.0
MSTX	Muleshoe	139.42	25	ePKPpre	LR	11 53 04.7
W31A	Holland Ranch,	139.44	21	P	PKPdf	11 53 12.4 +1.3
TROA	Tornquist	139.50	207	PFAKE	LR	11 53 20.0 +8.9
SIUC	Southern Illin	139.58	7	ePKPdf	LR	11 53 12.8 +1.6
V34A	Guthrie	139.64	18	ePKPpre	LR	11 53 04.8
X31A	McDonald Ranch	139.92	21	P	PKPdf	11 53 13.5 +1.5
TUL1	Leonard	140.06	15	ePKPpre	LR	11 53 06.1
W34A	Bridge Creek,	140.12	18	PFAKE	LR	11 53 20.0 +7.7
MNTX	Cornudas Mount	140.13	30	ePKPpre	PP	11 53 06.5
WMOK	Wichita Mounta	140.24	20	ePKPpre	PP	11 53 04.5
BLA	Blacksburg	140.30	356	PFAKE	LR	11 53 20.0 +7.4
PBMO	Poplar Bluff	140.34	9	PFAKE	LR	11 53 20.0 +7.4
V31A	Rekieta Farm,	140.42	22	P	PKPdf	11 53 14.7 +1.8
V38A	Caneyhill	140.45	14	P	PKPdf	11 53 15.2 +2.3
PVMO	Portageville	140.80	8	PFAKE	LR	11 53 20.0 +6.6
BBSR	BB Station	140.89	334	PFAKE	LR	11 53 20.0 +6.3
Z31A	Sharp Cattle R	141.03	22	P	PKPdf	11 53 15.3 +1.2
Z32A	Haskell	141.29	21	P	PKPdf	11 53 16.2 +1.8
WVT	Waverly	141.29	5	ePKPdf	LR	11 53 09.8 -4.5
131A	Roby	141.51	23	P	PKPdf	11 53 16.5 +1.6
ABTX	Abilene, Hawle	141.84	22	P	PKPdf	11 53 17.1 +1.6
ABTX	Abilene, Hawle	141.84	22	ePKPpre	LR	11 53 11.1
MIAR	Mount Ida	141.91	13	ePKPpre	LR	11 53 09.7
UALR	University of	141.95	12	ePKPdf	LR	11 53 13.1 -2.5
CNNC	Cliffs of the	142.00	352	PFAKE	LR	11 53 30.0 +1.4
MET	Memphis-Engin	142.04	8	PFAKE	LR	11 53 30.0 +1.4
133A	Hamilton Ran	142.13	21	P	PKPdf	11 53 17.4 +1.5
SWET	Swanene	142.34	3	PFAKE	LR	11 53 30.0 +1.4
KMSC	Kings Mountain	142.42	357	PFAKE	LR	11 53 30.0 +1.4
BDFB	Brasilia	142.61	247	PKP	PKPdf	11 53 15.5 -1.8
OXF	Oxford	142.71	8	ePKPdf	LR	11 53 12.1 -4.8
TX31	Lajitas Ar. Si	142.91	30	ePKPpre	PKPpre	11 53 12.0
TXAR	Lajitas Arroy	142.91	30	ePKPpre	PKPpre	11 53 11.8
TXAR	Lajitas Arroy	142.91	30	PKP	PKPdf	11 53 16.0 -1.5
136A	Ennis	143.06	18	P	PKPbc	11 53 15.2 +0.8
137A	Heron Place, G	143.18	17	P	PKPdf	11 53 16.7 -1.1
WHTX	Lake Whitney,	143.20	20	P	PKPbc	11 53 16.2 +1.4
WHTX	Lake Whitney,	143.20	20	ePKPdf	LR	11 53 16.0 +1.2
JSC	Jenkinsville	143.27	357	PFAKE	LR	11 53 30.0 +1.2
138A	Matatall Enter	143.31	16	P	PKPdf	11 53 16.8 -1.2
530A	J-C Ranch, Com	143.32	26	P	PKPbc	11 53 16.7 +1.5
432A	Menard	143.34	24	P	PKPbc	11 53 16.4 +1.1
SLBS	Sierra La Lagu	143.42	43	ePKPdf	LR	11 53 17.6 -0.9
139A	Bunkhouse Ranc	143.48	15	P	PKPbc	11 53 16.6 +1.1
236A	Katherine and	143.49	19	P	PKPbc	11 53 16.6 +1.1
334A	Lometa	143.52	21	P	PKPbc	11 53 16.8 +1.1
531A	Rocksprings	143.65	25	P	PKPbc	11 53 16.9 +0.8
JCT	Junction City	143.68	24	P	PKPbc	11 53 17.3 +1.1
JCT	Junction City	143.68	24	ePKPpre	PKPpre	11 53 13.7
JCT	Junction City	143.68	24	eSKIP	PKPpre	11 56 31.2 +1.3
JCT	Junction City	143.68	24	eSKIP	PKPpre	11 56 57.6 +0.4
237A	Washetta, Mont	143.72	18	P	PKPbc	11 53 17.5 +1.3
433A	Art	143.72	23	P	PKPbc	11 53 17.1 +0.8

HPIG	HPIG	143.76	35	ePKPpre	LR	11 53 15.3
335A	Moody	143.85	20	P	PKPbc	11 53 17.5 +0.8
336A	Jacksonville	143.92	17	P	PKPbc	11 53 17.5 +0.7
532A	Rocksprings	143.95	24	P	PKPbc	11 53 18.0 +1.0
336A	Riesel	143.96	19	P	PKPbc	11 53 18.2 +1.2
434A	Burnet	143.98	22	P	PKPbc	11 53 18.2 +1.1
239A	Gat	144.09	16	P	PKPdf	11 53 19.0 -0.4
GOGA	Godfrey	144.21	360	ePKPdf	LR	11 53 20.3 +0.8
435B	Perdido Creek	144.25	21	P	PKPbc	11 53 18.8 +0.9
631A	Centerville	144.29	26	P	PKPdf	11 53 19.4 -0.5
337A	Kerrville	144.33	18	P	PKPdf	11 53 19.6 -0.3
533A	New Hope	144.35	23	P	PKPbc	11 53 19.2 +1.0
NHSC	NHSC	144.36	355	PFAKE	LR	11 53 30.0 +1.0
LRAL	Lakeview Retre	144.44	5	ePKPdf	LR	11 53 18.9 +0.5
338A	Crocket	144.47	17	P	PKPdf	11 53 19.8 -0.3
436A	Wall Ranch, Ga	144.54	20	P	PKPdf	11 53 20.0 -0.2
632A	Uvalde	144.54	25	P	PKPdf	11 53 20.2 -0.1
534A	Blanco	144.60	23	P	PKPbc	11 53 19.9 +0.8
437A	Phantom Ranch,	144.70	19	P	PKPdf	11 53 20.7 +0.2
339A	Huntington	144.71	16	P	PKPdf	11 53 21.1 +0.6
VBMS	Vicksburg	144.78	10	P	PKPdf	11 53 21.1 +0.5
VBMS	Vicksburg	144.78	10	PFAKE	LR	11 53 30.0 +9.4
340A	Bronson	144.81	15	P	PKPdf	11 53 20.8 +0.1
633A	Saathoff Ranch	144.83	24	P	PKPdf	11 53 21.3 +0.5
535A	Dale	144.94	21	P	PKPdf	11 53 21.1 +0.2
438A	Sam Houston St	144.99	18	P	PKPdf	11 53 21.9 +0.9
536A	Bastrop	145.08	21	P	PKPdf	11 53 22.1 +0.9
732A	Lawson Ranch,	145.14	26	P	PKPdf	11 53 22.4 +1.1
439A	Center Grove,	145.16	17	P	PKPdf	11 53 22.2 +0.9
634A	China Grove, S	145.23	23	P	PKPdf	11 53 22.2 +0.8
537A	Green Hill Far	145.30	20	P	PKPdf	11 53 23.3 +1.7
440A	Kirbyville	145.43	16	P	PKPab	11 53 23.5 +1.7
CPUP	Villa Florida	145.44	224	PKPbc	PKPbc	11 53 20.6 -1.2
635A	Leesville	145.45	22	P	PKPab	11 53 21.3 -0.5
538A	Harpers Horsep	145.47	18	P	PKPab	11 53 23.7 +1.8
832A	Faith Ranch, C	145.52	26	P	PKPab	11 53 23.7 +1.4
HKT	Hockley	145.61	19	ePKPdf	LR	11 53 20.5 -1.5
734A	La Parita Cree	145.62	24	P	PKPab	11 53 24.5 +1.9
636A	Smothers Creek	145.62	21	P	PKPab	11 53 24.1 +1.5
833A	Chaparral WMA	145.75	25	P	PKPab	11 53 24.9 +1.8
539A	Cross D Ranch,	145.81	17	P	PKPab	11 53 25.6 +2.3
735A	Kenedy	145.91	23	P	PKPab	11 53 25.6 +2.0
637A	Lake	145.92	20	P	PKPab	11 53 25.9 +2.2
540A	Vidor	145.93	16	P	PKPab	11 53 25.8 +2.1
736A	Circle Diamond	146.10	21	P	PKPab	11 53 26.2 +1.8
TIGA	Trifton	146.17	360	ePKPbc	PKPab	11 53 25.7 +1.1
834A	Trifton	146.27	24	P	PKPab	11 53 27.0 +1.9
933A	Laredo	146.41	26	P	PKPab	11 53 27.2 +1.6
835A	Beeville	146.41	23	P	PKPab	11 53 27.5 +1.9
BRAL	Brewton	146.44	5	ePKPdf	LR	11 53 26.4 +0.8
737A	Port Lavaca	146.50	21	P	PKPab	11 53 27.9 +2.0
738A	Farr-Stevens R	146.70	19	P	PKPab	11 53 28.2 +1.5
934A	Benavides	146.74	25	P	PKPab	11 53 28.6 +1.8
034A	North Padre Is	147.14	25	P	PKPab	11 53 29.4 +1.0
035A	Encino	147.50	25	P	PKPab	11 53 30.5 +0.7
035Z	Hargill	147.93	25	P	PKPab	11 53 31.6 0.0
DWPF	Disney Wildern	149.42	356	ePKPbc	LR	11 53 34.3 +1.4
SMRT	St. Maarten	151.19	316	PFAKE	LR	11 53 40.0 +2.6
SEUS	St. Eustatius	151.51	315	PFAKE	LR	11 53 40.0 +1.9
SABA	Saba	151.60	316	PFAKE	LR	11 53 40.0 +1.6
MOIG	Morelia	151.95	37	ePKPdf	PKPdf	11 53 33.8 +0.8
MOIG	MOIG	151.95	37	ePKPbc	PKPab	11 53 49.4 +0.9
STVI	Saint Thomas	152.25	19	PFAKE	LR	11 53 40.0 +0.2
HUMP	Col San Antoni	152.98	320	PFAKE	LR	11 53 40.0 -1.4
GRTK	Grand Turk	153.12	334	PFAKE	LR	11 53 40.0 -1.6
SJG	San Juan	153.19	321	PFAKE	LR	11 53 40.0 -1.9
AOPR	Arcobio Observ	153.39	322	PFAKE	LR	11 53 50.0 -4.3
UNM	Universidad Na	153.40	34	PFAKE	LR	11 53 50.0 -4.6
CRPR	Cabo Rojo, PR	153.49	321	ePKPab	PKPab	11 53 55.0 +0.3
TLIG	Titapa	155.15	36	ePKPdf	PKPdf	11 53 38.9 +1.5
SDDR	Presa de Saban	155.38	314	ePKPdf	PKPdf	11 54 05.1 +2.3
LVC	Limon Verde	155.50	214	PFAKE	LR	11 53 50.0 +1.2

GTBY	Guantanamo Bay	156.13	340	PFAKE	LR	11 53 50.0 +1.2
PAPH	Port-au-Prince	156.26	332	PFAKE	LR	11 53 50.0 +1.1
PTGA	Pitinga	156.29	274	PFAKE	LR	11 53 50.0 +1.1
TEIG	Tepeich	156.88	11	ePKPab	PKPab	11 54 10.7 +1.6
MTDJ	Mount Denham	158.48	344	ePKPab	PKPab	11 54 18.4 +2.3
SAML	Samuel	158.72	252	ePKPdf	PKPdf	11 53 44.1 +2.2
CCIG	Comitan	159.46	24	ePKPab	PKPab	11 54 19.2 -1.3
MARA	Maracay	159.55	309	eP	PKPdf	11 53 53.2 +1.0
LPAZ	La Paz	159.56	227	PKP	PKPdf	11 53 43.0 -0.6
LPAZ	La Paz	159.56	227	PKP	PKPab	11 54 20.8 -0.8
LPAZ	La Paz	159.56	227	PKP	PKPdf	11 53 45.1 +1.6
TGUH	Teguicigalpa,Un	160.12	12	ePKPab	PKPab	11 54 38.3 +2.3
BARC	Barichara	163.08	311	ePKPab	PKPdf	11 53 51.9 +2.3
MOTC	Monteria, Cord	166.22	325	eP	PKPdf	11 53 49.2 -0.4
RUSC	La Rusia	166.50	309	eP	PKPdf	11 53 49.7 -0.2
CHIC	Chingaza	167.80	306	eP	PKPdf	11 53 52.4 +1.4
NORC	Norcasia	168.09	313	eP	PKPdf	11 53 49.7 -1.1
ROSC	El Rosal	168.14	308	PKP	PKPdf	11 53 51.4 +0.0
ROSC	El Rosal	168.14	308	eP	PKPdf	11 53 46.3 -4.9
OTAV	Otavalvo	174.13	298	eP	PKPdf	11 53 52.9 -2.4
OTAV	Otavalvo	174.13	298	ePKPdf	PKPab	11 53 55.8 +1.3
OTAV	Otavalvo	174.13	298	ePKPab	PKPab	11 55 28.0 +2.1
DSN 18 11:34:04.5-0.7, 28.63N-56.86E, h15km, mb3.7/8, ML4.6/6, Error ellipse: s-maj=36.7km s-min=6.9km az=104.0						
IDC 18 11:34:05.7-1.0, 28.14N-56.35E, h0km, mb3.9/15, mb1.4/0.16, mb1mx3.9/5.1, mbtmp4.0/16, ML3.8/1, Error ellipse: s-maj=2.1km s-min=18.2km az=173.0						
ISCJB 18 11:34:09.8-0.3, 28.26N-102.56E-0.05, h28km, mb3.9/15, Error ellipse: s-maj=6.1km s-min=3.3km						
NEIC 18 11:34:09.0, 28.21N-56.38E, h22km, mb4.5/1, MN4.0/TEH, After TEH.						
THR 18 11:34:09.8-0.4, 28.23N-56.48E, h31km, 3km, ML4.0						
OMAN 18 11:34:10.1-3.9, 28.42N-56.08E, h52km, Error ellipse: s-maj=260.5km s-min=32.6km az=83.0						
TEH 18 11:34:11.8, 28.15N-56.41E, h24km, ML3.9						
CSEM 18 11:34:11.1-0.2, 28.23N-56.47E, h25km, ML3.9, Error ellipse: s-maj=9.2km s-min=5.4km az=83.0						
ISC 18 11:34:10.3-0.5, 28.22N-103.56E-0.05, h2						

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IKOO, ITEG, WSAR, IDAH, NASN, IGAR, IMON, IZEF, IPIR, IKLH, KASH, ABKAR, BRTR, AKTO, MKAR, KURB, KURK, AKASG, ZALV, GERES, KHC, FINES, ARCES, TORD, KSAR, KSRS, ILAR, YKA, PRE 18 11:37:36.61, ERPM, KLOF, PRYS, WDLM, POGA, KSD, MSNA, CVNA, KOMG, IDC 18 11:46:40.8, WRA, ASAR, MKAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLSI, PSI, CMAR, H08S2, H08S3, H08S1, H01W3, H01W2, H01W1, WRA, ASAR, MKAR, SONM, KURB, ZALV, ISK 18 11:56:01.7, ISCBJ 18 11:56:02.8, CSEM 18 11:56:02.8, DDA 18 11:56:02.9, NSSC 18 11:56:02.9, ATAB, URFA, KUZU, KURB, HCB, KMRS, KMRS, KMRS, AYKD, SVRC, DARE, DARE, KSRV, KSRV, KSRV, KSRV, DRWC, DRWC, DRWC, DRWC, SFNV, SFNV, SFNV, SFNV, MZI, MAZI, KBSD, KBSD, DRWC, DRWC, IDC 18 12:14:28.1, Code, HNR, HNR, HNR, WRA, ASAR, MKAR, YARS 18 12:19:12.7, CLNS, CLNS, CLNS, CLNS, ALDR, ALDR, IENR, IENR, TPTI, TPTI, GSI, MLSI.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IENR, YKLR, CSEM 18 12:33:16.7, UPP 18 12:33:16.9, DEL, DEL, BJJU, FABU, GNOU, LUNU, VXJU, FORU, BKBU, TJOU, OSKAR, BUI 18 12:37:53.7, IDC 18 12:37:53.6, ISCBJ 18 12:37:54.0, NEIC 18 12:37:54.0, MOS 18 12:37:56.9, DJA 18 12:37:56.2, KLM 18 12:38:02.7, TPTI, GSI, MLSI, TSI, PSI, LHMJ, LHMJ, CMBY, CMBY, PPI, IPM, IPM, BKNI, KULM, KULM, FRIM, PKDT, TRTT, SKLT, SKLT, SKLT, SURT, SURT, KTMG, MYKM, MYKM, LHSI, PBA, MDSI, SRAK, UTHAI, CHAI, PBKT, KHON, KHON, SUKH, LOEI, UTTA, SBUM, CM01, CM31, CMAR, CMAR, LAMP, PHRA, CHTO, CHTO, CMAI, VIS, VIS, SLVN, MYLDM, HYB, SHL, SHL, KMI, KMI, BOK, KAPI, KAPI, KAPI, H08S2, H08S3, H08S1, GYA, GYA, GYA, GYA, RAMN, TAPN, JIRN, PKIN.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like POO Poona, GUN Gumba, DMN Daman, KKN Kakani, KOLN Koldanda, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KISLOVODSK Kislodovsk, YAK Yakutsk, YAK Yakutsk, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KAVA Kavala, PAIG Pailouri, AYVA Ayvalik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TLY Talaya, COLA College, KODIAK Kodiak Island, etc.

ISK 18 14:50:41.4, 40.75N, 34.41E, h30km, MD2.7
CSEM 18 14:50:42.8, 0.2, 40.75N, 34.88E, h8km, MD2.9, Error ellipse: s-maj=7.5km s-min=4.4km az=102.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like COAL Corum-Alaca, COAL Corum-Alaca, CORUM Corum, etc.

ISC/JB 18 15:00:17.2, 0.5, 20.50S, 0.04, 67.85W, 0.07, h164km, 6km, mb3.9/8, Error ellipse: s-maj=10.2km s-min=7.1km az=175.2

IDC 18 15:00:18.1, 0.7, 20.52S, 67.72W, h156km, 7km, mb3.7/9, mb1.3/14, mb1mx3.7/27, mbtmp3.2/14, MS3.0/1, Ms1.3/0.1, ms1mx2.6/24, Error ellipse: s-maj=13.8km s-min=8.7km az=110.0

GUC 18 15:00:19.2, 0.4, 20.55S, 68.32W, h186km, 4km, ML4.4
ISC 18 15:00:18.1, 0.7, 20.48S, 67.85W, 0.07, h157km, 7km, n37, +186/43, mb4.1/8, 2C, Southern Bolivia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB01 IPOC Station P, PB01 IPOC Station P, PB11 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORO Torodi Ar. Bea, YKA Yellowknife Ar, H11S2 WAKE ISLAND Hyt28.72 278 T, etc.

WEL 18 15:05:12.3, 0.3, 40.12S, 173.72E, h174km, 2km, ML3.5/14, 4C-2D, Error ellipse: s-maj=2.3km s-min=1.3km az=90.0, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DUWZ D'Urville Isla, LREZ Lake Rotokare, KHEZ Kahui Hut, WAZ Wanganui, etc.

IDC 18 15:12:24.8, 2.2, 29.02N, 130.87E, h0km, mb3.5/6, mb1.3/6.7, mb1mx3.4/40, mbtmp3.5/7, ML2.8/1, MS3.7/2, Ms1.3/7.2, ms1mx3.0/29, Error ellipse: s-maj=120.4km s-min=22.0km az=70.0

ISC/JB 18 15:12:28.1, 0.9, 28.86N, 0.04, 130.77E, 0.08, h36km, 9km, mb3.3/6, MS3.7/2, Error ellipse: s-maj=12.1km s-min=4.9km az=26.1

JMA 18 15:12:28.9, 0.2, 28.92N, 130.67E, h50km, M3.1
ISC 18 15:12:27.4, 2.9, 28.92N, 0.05, 130.69E, 0.09, h16km, 16km, n23, +079/30, mb3.4/6, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JZK Kikaishima, JAM Amami Oshima, JAM Yamaguchi, etc.

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

ISC/JB 18 15:17:07.0, 0.3, 60.55N, 0.02, 151.07W, 0.05, h24km, 4km, mb4.1/5, Error ellipse: s-maj=4.1km s-min=3.1km az=21.1
NEIC 18 15:17:07.4, 60.57N, 151.06W, h10km, ML3.4(AEIC), After AEIC

IDC 18 15:17:10.2, 1.3, 60.44N, 150.72W, h59km, 21km, mb3.8/5, mb1.3/6.10, mb1mx3.3/43, mbtmp3.8/10, ML3.3/4, Error ellipse: s-maj=27.2km s-min=9.0km az=120.0
ISC 18 15:17:07.9, 0.3, 60.54N, 0.03, 151.02W, 0.04, h2km, 10km, n46, +1859/57, mb4.2/5, Kenai Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SLKM Skiak Lake, BRK Fire Island, BRLB Bradley Lake, etc.

IDC 18 15:46:32.5, 2.0, 20.92S, 168.51E, h0km, mb3.8/6, mb1.4/17, mb1mx3.8/38, mbtmp3.7/7, ML3.6/1, MS3.3/5, Ms1.3/3.5, ms1mx3.1/30, Error ellipse: s-maj=83.4km s-min=21.4km az=148.0

ISC 18 15:45:35.8, 2.2, 21.4S, 0.6, 168.8E, 0.3, h30km, n11, +1917/9, mb3.9/6, MS3.3/4, Loyalty Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MAKZ Makanchi, MKAR Makanchi, KURK Kurchatov, etc.

DHMR 18 16:41:46.1, 1.0, 12:07N:44:10E, h9km, 12km, ML3.8, Western Arabian Peninsula. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

DHMR 18 16:45:48.3, 1.8, 11:36N:44:04E, h13km, 19km, ML3.7, Western Gulf of Aden. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BDHA Dhamar BB, BART Pico Bartolomeo, etc.

IDC 18 16:52:31.0, 2.8, 6:26N:143:78E, h0km, mb3.6/3, ms1mx2.7/4.6, Error ellipse: s-maj=70.3km, s-min=24.0km, az=46.0, Bonin Islands region. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

DHMR 18 16:53:24.2, 3.1, 12:15N:44:01E, h15km, 38km, ML3.7, Western Arabian Peninsula. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ISCJB 18 16:56:36.5, 0.9, 24:03S:0:08, 66:33W, 0:06, h195km, mb3.1/2, Error ellipse: s-maj=11.8km, s-min=7.3km, az=22.2. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ISCJB 18 16:56:38.0, 3.6, 23:92S:66:32W, h192km, 29km, mb3.0/2, mb1.3/1.4, mb1mx3.0/2.1, mbtmpt3.6/3.4/4, Error ellipse: s-maj=48.9km, s-min=20.3km, az=45.0. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ISCJB 18 16:58:25.1, 0.8, 12:12N:43:99E, 0:07, h10km, mb3.6/7, MS3.6/1, Error ellipse: s-maj=13.3km, s-min=5.4km, az=142.5. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ISCJB 18 16:58:25.1, 0.8, 12:15N:0:08, 43:97E, 0:07, h10km, n14, ms1mx2.6/4.7, Error ellipse: s-maj=42.5km, s-min=15.1km, az=148.0. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ADEN Aden, ATD Arta Tunnel, UDYN Al Udayn, etc.

ISCJB 18 17:00:00.3, 1.3, 26:33S:0:3, 72:1E, 0:2, h10km, mb3.6/8, MS3.0/1, Error ellipse: s-maj=43.0km, s-min=22.6km, az=27.7. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ISCJB 18 17:00:02.0, 1.5, 26:33S:0:3, 72:01E, h0km, mb3.7/8, mb1.3/8.8, mb1mx3.6/4.7, mbtmpt3.7/8, MS3.0/1, Ms1.3/2.1, ms1mx2.7/4.6, Error ellipse: s-maj=49.6km, s-min=25.1km, az=30.0. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

ISCJB 18 17:00:43.4, 0.6, 76:79N:180:0:07, 17:9E, 0:2, h16km, mb3.3/1, Error ellipse: s-maj=11.4km, s-min=5.2km, az=29.8. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ISCJB 18 17:00:43.0, 0.1, 76:89N:18:20E, h2km, ML3.2, Error ellipse: s-maj=52.6km, s-min=24.7km, az=109.0. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ISCJB 18 17:00:45.1, 0.8, 76:88N:18:02E, h7km, 10km, ML3.2, BER 18 17:00:46.7, 3.1, 76:92N:18:36E, h19km, 15km, ML3.0, ML3.2(NAO). Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

ISCJB 18 17:00:55.7, 3.1, 76:37N:22:88E, h0km, mb3.4/1, mb1.3/5.4, mb1mx3.1/5.4, mbtmpt3.5/4, ML2.8/3, Error ellipse: s-maj=52.6km, s-min=24.7km, az=109.0. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HSP Hornsund, SPA0 Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BJO Bjornoya, KBS Kingsbay, etc.

18d 17h

FINES FINES Array B 15.75 165 Pn Pn 17 04 26.4 +0.5
HFS Hagfors 16.89 187 Pn P 17 04 46.6 +4.2
MKAR Makanchi Array 39.17 101 D P 17 08 14.6 +2.9

DHMR 18 17:02:25.6; 1.9, 12.04N:44.00E, h15km, 16km, ML4.3
IDC 18 17:02:26.7; 1.4, 11.78N:44.01E, h0km, mb3.8/8,
mb1 3.9/9, mb1mx3.6/5.1, mbtmp3.8/9, ML3.4/1, MS3.4/10,
Ms1 3.4/10, ms1mx3.0/5.4, Error ellipse: s-maj=40.0km
s-min=14.7km az=161.0

ISCJB 18 17:02:27.0; 0.5, 12.04N:0.04:44.01E:0.05, h10km,
mb3.9/10, MS3.4/8, Error ellipse: s-maj=8.4km
s-min=4.6km az=40.2
NEIC 18 17:02:29.0; 0.7, 11.99N:43.99E, h10km, mb4.4/2, Error
ellipse: s-maj=19.5km s-min=9.9km az=134.0

ISC 18 17:02:28.0; 0.7, 12.03N:0.06:44.03E:0.06, h10km, n28,
a174/27, mb3.9/10, MS3.3/8, 1D, Western Arabian
Peninsula

Code Station Name Az AZZ Phase ID Time Res
ADEN Aden 1.19 51 Op Pn 17 03 04.5 -1.5
ADEN Aden 1.19 51 Op Pn 17 03 04.5 -1.5
ADEN Aden 1.19 51 Op Pn 17 03 04.5 -1.5

Code Station Name Az AZZ Phase ID Time Res
ATD Arta Tunnel 1.27 247 Pn Pn 17 02 49.9 -1.9
UDYN Al Udayn 1.92 358 i P Pn 17 02 59.9 -1.1
LBOB LBOB 2.18 33 i P Pn 17 03 02.8 -1.8

Code Station Name Az AZZ Phase ID Time Res
DAMY Dhamar 2.55 8 Pn Pn 17 03 12.0 -2.1
HAJJ Hajjah 3.67 353 i P Pn 17 03 24.6 -0.4
FURI Furi 6.12 240 e P Pn 17 04 10.3 +1.9

Code Station Name Az AZZ Phase ID Time Res
KMBO Kilima Mbogo 14.71 208 Pn Pn 17 05 58.6 +2.1
KMBO Kilima Mbogo 14.71 208 Pn Pn 17 05 58.6 +2.1
KMBO Kilima Mbogo 14.71 208 Pn Pn 17 05 58.6 +2.1

Code Station Name Az AZZ Phase ID Time Res
TORD Torodi Ar. Beaa 41.30 276 P Pn 17 10 15.0 +0.9
TORD Torodi Ar. Beaa 41.30 276 P Pn 17 10 15.0 +0.9
GERES GERES Array B 44.49 332 P P 17 10 41.2 +1.6

Code Station Name Az AZZ Phase ID Time Res
ARU Arti 45.70 11 LR LR 17 33 23.7
BRVK Borovoye 45.99 22 P P 17 10 52.4 +1.0
BVAR Borovoye Array 46.00 22 P P 17 10 53.4 +1.9

Code Station Name Az AZZ Phase ID Time Res
MKAR Makanchi Array 47.29 35 P P 17 11 03.3 +1.6
KURK Kurchatov 47.78 29 P P 17 11 03.7 -1.7
ZALV Zalesovo Beam 52.78 29 P P 17 11 44.4 +1.2

Code Station Name Az AZZ Phase ID Time Res
NOA NORARS Array B 54.47 341 LR LR 17 38 23.9
ASAJ Asahikawa 87.78 45 LR LR 17 58 19.3

ISCJB 18 17:08:52.9; 0.6, 41.33N:0.04:43.94E:0.04, h3km, gkm,
Error ellipse: s-maj=6.6km s-min=4.6km az=162.0
CSEM 18 17:08:52.9; 0.1, 41.33N:43.94E, h8km, ML1.9, Error
ellipse: s-maj=1.8km s-min=1.3km az=148.0

DDA 18 17:08:52.9; 41.32N:43.98E, h7km, Md2.8
TIF 18 17:08:52.9; 41.36N:43.97E, h14km
ISC 18 17:08:53.1; 1.0, 41.33N:0.04:43.95E:0.03, h11km, gkm,
n14, a930/26, Turkey-Georgia-Armenia border region

Code Station Name Az AZZ Phase ID Time Res
AKH Akhalkalaki 0.35 283 P P 17 09 00.2 0.0
AKH Akhalkalaki 0.35 283 P P 17 09 05.1 +0.2

Code Station Name Az AZZ Phase ID Time Res
KZR Kazreti 0.36 82 P P 17 09 05.1 +0.2
KZR Kazreti 0.36 82 P P 17 09 05.1 +0.2
KZR Kazreti 0.36 82 P P 17 09 05.1 +0.2

Code Station Name Az AZZ Phase ID Time Res
EAK Akyaka 0.69 202 i P Pn 17 09 06.3 -0.3
EAK Akyaka 0.69 202 i P Pn 17 09 06.3 -0.3
EAK Akyaka 0.69 202 i P Pn 17 09 06.3 -0.3

IDC 18 17:12:17.6; 1.4, 28.15N:56.25E, h0km, mb3.5/5,
mb1 3.5/6, mb1mx3.2/4.6, mbtmp3.5/6, ML3.0/1, Error
ellipse: s-maj=33.7km s-min=24.5km az=109.0
ISCJB 18 17:12:22.6; 0.4, 28.18N:0.03:56.49E:0.07, h28km,
mb3.3/6, Error ellipse: s-maj=8.9km s-min=4.6km
az=176.6

TEH 18 17:12:22.8; 28.27N:56.45E, h4km, ML3.1
CSEM 18 17:12:22.0; 0.3, 28.24N:56.45E, h10km, ML3.1, Error
ellipse: s-maj=12.9km s-min=6.2km az=90.0
ISC 18 17:12:22.6; 0.8, 28.21N:0.03:56.51E:0.06, h28km, n36,
a116/33, mb3.3/6, 8C, Southern Iran

Code Station Name Az AZZ Phase ID Time Res
NIAN Nian 0.71 156 e P Pn 17 12 36.6 +0.2
NIAN Nian 0.71 156 e P Pn 17 12 36.6 +0.2
IBND Bandar-abas 0.76 178 e P Pn 17 12 37.6 +0.3

2011 JAN

GENO Geno 0.86 200 e P Pn 17 12 38.8 -0.3
GENO Geno 0.86 200 e P Pn 17 12 38.8 -0.3
BNDS Bandar-Abbas 0.87 201 e P Pn 17 12 38.7 -0.4

Code Station Name Az AZZ Phase ID Time Res
IPAR Pars 3.44 299 eAMB AMB 17 14 23.2
IPAR Pars 3.44 299 eAMB AMB 17 14 23.2
IPAR Pars 3.44 299 eAMB AMB 17 14 23.2

Code Station Name Az AZZ Phase ID Time Res
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6

Code Station Name Az AZZ Phase ID Time Res
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6

Code Station Name Az AZZ Phase ID Time Res
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6

Code Station Name Az AZZ Phase ID Time Res
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6

Code Station Name Az AZZ Phase ID Time Res
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6

Code Station Name Az AZZ Phase ID Time Res
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6

Code Station Name Az AZZ Phase ID Time Res
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6

Code Station Name Az AZZ Phase ID Time Res
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6
IBAF Baghdad 3.46 347 i P Pn 17 13 16.4 +1.6

JMA 18 17:15:30.6; 0.2, 30.31N:138.88E, h508km, M3.4
ISCJB 18 17:15:33.0; 0.4, 30.39N:0.05:138.80E:0.10, h450km,
mb3.1/10, Error ellipse: s-maj=17.1km s-min=6.1km
az=158.4

IDC 18 17:15:33.9; 0.8, 30.36N:138.69E, h436km, 15km,
mb2.8/10, mb1 2.9/14, mb1mx2.8/6.0, mbtmp3.7/14, Error
ellipse: s-maj=39.5km s-min=9.9km az=71.0
ISC 18 17:15:34.3; 0.9, 30.40N:0.1:138.9E:0.2, h450km, n25,
a093/22, mb3.1/10, Southeast of Honshu

Code Station Name Az AZZ Phase ID Time Res
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6

Code Station Name Az AZZ Phase ID Time Res
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6

Code Station Name Az AZZ Phase ID Time Res
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6

Code Station Name Az AZZ Phase ID Time Res
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6

JMA 18 17:15:30.6; 0.2, 30.31N:138.88E, h508km, M3.4
ISCJB 18 17:15:33.0; 0.4, 30.39N:0.05:138.80E:0.10, h450km,
mb3.1/10, Error ellipse: s-maj=17.1km s-min=6.1km
az=158.4

IDC 18 17:15:33.9; 0.8, 30.36N:138.69E, h436km, 15km,
mb2.8/10, mb1 2.9/14, mb1mx2.8/6.0, mbtmp3.7/14, Error
ellipse: s-maj=39.5km s-min=9.9km az=71.0
ISC 18 17:15:34.3; 0.9, 30.40N:0.1:138.9E:0.2, h450km, n25,
a093/22, mb3.1/10, Southeast of Honshu

Code Station Name Az AZZ Phase ID Time Res
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6

Code Station Name Az AZZ Phase ID Time Res
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6

Code Station Name Az AZZ Phase ID Time Res
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6

Code Station Name Az AZZ Phase ID Time Res
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6

JMA 18 17:15:30.6; 0.2, 30.31N:138.88E, h508km, M3.4
ISCJB 18 17:15:33.0; 0.4, 30.39N:0.05:138.80E:0.10, h450km,
mb3.1/10, Error ellipse: s-maj=17.1km s-min=6.1km
az=158.4

IDC 18 17:15:33.9; 0.8, 30.36N:138.69E, h436km, 15km,
mb2.8/10, mb1 2.9/14, mb1mx2.8/6.0, mbtmp3.7/14, Error
ellipse: s-maj=39.5km s-min=9.9km az=71.0
ISC 18 17:15:34.3; 0.9, 30.40N:0.1:138.9E:0.2, h450km, n25,
a093/22, mb3.1/10, Southeast of Honshu

Code Station Name Az AZZ Phase ID Time Res
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6

Code Station Name Az AZZ Phase ID Time Res
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6

Code Station Name Az AZZ Phase ID Time Res
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6

Code Station Name Az AZZ Phase ID Time Res
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6
JHJ Hachiojima 2 2.84 15 Op Pn 17 16 38.5 -1.6

916

USP Oспенovka 7.05 22 P Pn 17 20 44.0 +0.3
TKM2 Tokmak 2 7.13 29 P Pn 17 20 44.1 -0.9
TKM2 Tokmak 2 7.13 29 P Pn 17 20 44.1 -0.9

Code Station Name Az AZZ Phase ID Time Res
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9

Code Station Name Az AZZ Phase ID Time Res
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9

Code Station Name Az AZZ Phase ID Time Res
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9

Code Station Name Az AZZ Phase ID Time Res
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9

Code Station Name Az AZZ Phase ID Time Res
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9

Code Station Name Az AZZ Phase ID Time Res
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9

Code Station Name Az AZZ Phase ID Time Res
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9

Code Station Name Az AZZ Phase ID Time Res
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9

Code Station Name Az AZZ Phase ID Time Res
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9
UDYN Al Udayn 1.90 359 i P Pn 17 21 05.6 -0.9

DHMR 18 17:23:58.4; 0.9, 11.98N:0.06:43.95E:0.06, h10km, n16,
a208/19, mb3.6/5, Ethiopia
ISCJB 18 17:23:59.4; 0.7, 11.99N:0.06:44.01E:0.05, h10km,
mb2.5/5, Error ellipse: s-maj=9.9km s-min=5.2km
az=137.3

IDC 18 17:23:59.6; 1.5, 11.89N:43.96E, h0km, mb3.4/5,
mb1 3.5/5, mb1mx3.4/3, mbtmp3.4/5, MS3.0/2, Ms1 3.0/2,
ms1mx2.6/3.1, Error ellipse: s-maj=63.7km s-min=15.9km
az=156.0
ISC 18 17:23:58.4; 0.9, 11.98N:0.06:43.95E:0.06, h10km, n16,
a208/19, mb3.6/5, Ethiopia

Code Station Name Az AZZ Phase ID Time Res
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1

Code Station Name Az AZZ Phase ID Time Res
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1

Code Station Name Az AZZ Phase ID Time Res
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1

Code Station Name Az AZZ Phase ID Time Res
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1

DHMR 18 17:23:58.4; 0.9, 11.98N:0.06:43.95E:0.06, h10km, n16,
a208/19, mb3.6/5, Ethiopia
ISCJB 18 17:23:59.4; 0.7, 11.99N:0.06:44.01E:0.05, h10km,
mb2.5/5, Error ellipse: s-maj=9.9km s-min=5.2km
az=137.3

IDC 18 17:23:59.6; 1.5, 11.89N:43.96E, h0km, mb3.4/5,
mb1 3.5/5, mb1mx3.4/3, mbtmp3.4/5, MS3.0/2, Ms1 3.0/2,
ms1mx2.6/3.1, Error ellipse: s-maj=63.7km s-min=15.9km
az=156.0
ISC 18 17:23:58.4; 0.9, 11.98N:0.06:43.95E:0.06, h10km, n16,
a208/19, mb3.6/5, Ethiopia

Code Station Name Az AZZ Phase ID Time Res
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1

Code Station Name Az AZZ Phase ID Time Res
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1

Code Station Name Az AZZ Phase ID Time Res
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1

Code Station Name Az AZZ Phase ID Time Res
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1

DHMR 18 17:23:58.4; 0.9, 11.98N:0.06:43.95E:0.06, h10km, n16,
a208/19, mb3.6/5, Ethiopia
ISCJB 18 17:23:59.4; 0.7, 11.99N:0.06:44.01E:0.05, h10km,
mb2.5/5, Error ellipse: s-maj=9.9km s-min=5.2km
az=137.3

IDC 18 17:23:59.6; 1.5, 11.89N:43.96E, h0km, mb3.4/5,
mb1 3.5/5, mb1mx3.4/3, mbtmp3.4/5, MS3.0/2, Ms1 3.0/2,
ms1mx2.6/3.1, Error ellipse: s-maj=63.7km s-min=15.9km
az=156.0
ISC 18 17:23:58.4; 0.9, 11.98N:0.06:43.95E:0.06, h10km, n16,
a208/19, mb3.6/5, Ethiopia

Code Station Name Az AZZ Phase ID Time Res
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1

Code Station Name Az AZZ Phase ID Time Res
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1

Code Station Name Az AZZ Phase ID Time Res
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1

Code Station Name Az AZZ Phase ID Time Res
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1
ADEN Aden 1.20 53 Op Pn 17 21 10.6 -0.1

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like AAK Ala-Archa, FRU Bishkek, and GNI Garni.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like GNI Garni, SVRC Suvlce-ELAZID, and ERZM Erzurum.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like KBZ, SVRC, and ERZM.

Table with multiple columns containing astronomical data for January 2011. Columns include object names (e.g., MNR, GVD, SUKH), coordinates (RA, Dec), magnitudes, and other parameters. The table is organized into several vertical sections.

KWP	Kalwaria Pacla	37.62 315	eP	P	20 30 31.5 -1.0
KWP			ePP	pP	20 30 53.2 +1.7
KWP			eS	S	20 32 04.8
KWP			eS	S	20 36 17.7 +1.4
KWP	comp=Z,5um,1.0s		pmax	pmax	
KWP	Kalwaria Pacla	37.62 315	iP	P	20 30 31.6 -1.0
KWP	Kalwaria Pacla	37.62 315	eP	P	20 30 31.5 -1.0
IDID	Didziasali	37.67 326	eP	P	20 30 31.4 -1.4
IDID			IAMB	IAMB	20 30 36.1
PATY	Pattaya	37.68 107	P	P	20 30 33.4 0.0
KOLS	Kolonickie sedl	37.68 314	eP	P	20 30 32.5 -0.6
KOLS			pmax	pmax	
KOLS	Kolonickie sedl	37.68 314	eP	P	20 30 32.5 -0.6
KOLS			ePP	Pn	20 30 32.0 -0.6
KOLS			eS	S	20 32 01.7 -0.6
KOLS			eS	S	20 36 16.2 -1.0
KOLS			eS	S	20 38 55.8 -8.3
KOLS	Kolonickie sedl	37.68 314	eP	P	20 30 32.5 -0.6
GYA	Guiyang	37.74 83	iP	P	20 30 32.9 -1.1
GYA			pP	pP	20 30 54.8 +1.8
GYA			eP	eP	20 31 04.5 +2.3
GYA			PP	Pn	20 32 04.3 +0.8
GYA			PcP	PcP	20 32 51.4 +1.9
GYA			S	ScP	20 36 14.8 -4.1
GYA			sS	S	20 36 29.0 -0.9
GYA			sS	S	20 36 52.3 +0.8
GYA			sS	S	20 38 57.4 -9.0
GYA			pmax	pmax	
GYA	comp=Z,46um,7.5s		LR	LR	
GYA	comp=Z,61um,15.0s		LR	LR	
GYA	comp=Z,82um,24.1s		LR	LR	
GYA			LR	LR	
GHOM	Khomkan	37.75 100	P	P	20 30 33.2 -0.8
SOMM	Songino Array	37.81 48	P	P	20 30 34.3 -0.1
SOMM			S	S	20 36 24.5 +5.0
SOMM	comp=Z,48nm,1.4s,baz=242,slow=9.6,SNR=2.0		P3KPBc		21 00 52.9
KEK	Kerkira	37.83 299	P	P	20 30 29.4 -5.0
KEK	Kerkira	37.83 299	P	P	20 30 29.4 -5.0
TRUS	Trudelj	37.87 306	eP	P	20 30 33.4 -1.3
LJBD	Adjabaja	37.89 284	iP	P	20 30 35.3 +0.3
TIR	Tirane	37.90 301	iP	P	20 30 32.2 -2.8
TIR			eS	S	20 36 19.5 -1.2
TIR			pmax	pmax	
TIR	comp=Z,718nm,0.7s		MLR	MLR	
TIR	comp=Z,102um,20.0s		MLR	MLR	
TIR	Tirane	37.90 301	iP	P	20 30 32.2 -2.8
TIR			eS	S	20 36 19.5 -1.2
TIR			eS	S	20 30 32.2 -2.8
TIR	Tirane	37.90 301	iP	P	20 36 19.5 -1.2
TIR			eS	S	20 36 19.5 -1.2
IRK	Irkutsk	37.93 40	iP	P	20 30 35.5 +0.4
IRK			eS	S	20 36 29.1 +8.2
IRK			e	e	20 40 31.3
IRK			pmax	pmax	
IRK	comp=Z,2um,1.9s				
IRK	Irkutsk	37.93 40	iP	P	20 30 35.5 +0.4
IIGN	Ignalina	37.94 325	eP	P	20 30 33.7 -1.5
IIGN			IAMB	IAMB	20 30 38.5
IVAS	Ivanjica	37.95 305	iP	P	20 30 33.7 -1.8
PVY	Plav	37.96 303	iP	P	20 30 33.1 -2.5
PVY	Plav	37.96 303	iP	P	20 30 33.2 -2.4
BEY	Berane	38.04 304	iP	P	20 30 33.8 -2.5
IVA	Berane	38.04 304	iP	P	20 30 33.7 -2.5
ISAL	Salakas	38.10 326	eP	P	20 30 35.5 -1.4
ISAL			IAMB	IAMB	20 30 39.9
SURT	Suratani	38.12 114	P	P	20 30 37.4 +0.3
IZAR	Zarasai	38.13 326	eP	P	20 30 35.2 -1.5
IZAR			IAMB	IAMB	20 30 40.1
SRAK	Strakaew	38.14 104	P	P	20 30 41.3 +4.0
DIVS	Divibare	38.14 306	iP	P	20 30 35.4 -1.7
ULN	Ulanbaatar	38.25 48	iP	P	20 30 38.9 +0.9
ULN			pmax	pmax	
ULN	Ulanbaatar	38.25 48	P	P	20 30 38.9 +0.9
ULN			SNR=418		
ULN	Ulanbaatar	38.25 48	eP	P	20 30 37.6 -0.4
ULN			SNR=418		
ULN	Ulanbaatar	38.25 48	P	P	20 30 38.7 +0.7
ULN			comp=Z,703nm,2.1s,comp=Z,41um,comp=Z,265um		
ULN	Ulanbaatar	38.25 48	eP	P	20 30 37.6 -0.4
ULN			ePP	Pn	20 32 09.4 +0.1
ULN			LR	LR	
PKDT	Phuket	38.39 116	P	P	20 30 40.2 +0.9
ULC	Ulcinj	38.42 302	iP	P	20 30 36.1 -3.3
ULC	Ulcinj	38.42 302	iP	P	20 30 36.2 -3.2
FGSL	Fruska Gora	38.44 308	iP	P	20 30 38.2 -1.3
PDG	Podgorica	38.46 303	iP	P	20 30 36.5 -3.1
TTG	Podgorica	38.46 303	iP	P	20 30 35.6 -4.0
PLG	Pljevlja	38.47 305	iP	P	20 30 38.4 -1.4
PLE	Pljevlja	38.47 305	iP	P	20 30 38.5 -1.4
STHS	Stebnicka Huta	38.47 315	eP	P	20 30 38.0 -1.7
STHS			pmax	pmax	
STHS	Stebnicka Huta	38.47 315	eP	P	20 30 38.0 -1.7
STHS			comp=Z,145nm,0.9s		
SKNT	Sakolnakor	38.48 99	P	P	20 30 39.5 -0.6
DRME	Dracevica, Mon	38.49 303	iP	P	20 30 37.1 -2.8
XAN	Xi'an	38.50 70	P	P	20 30 39.9 -0.3
XAN			sP	sP	20 31 10.6 +2.2
XAN			PP	Pn	20 32 14.0 +1.7
XAN			PcP	PcP	20 32 47.0 -4.6
XAN			S	S	20 36 31.0 +1.0
XAN			ScS	ScS	20 40 38.8 -4.3
XAN			pmax	pmax	
XAN	comp=Z,560nm,1.4s		pmax	pmax	
XAN	comp=Z,48um,10.0s		LR	LR	
XAN	comp=Z,361um,34.1s		LR	LR	
XAN	comp=Z,62um,30.3s		LR	LR	
XAN	comp=Z,383um,31.4s		LR	LR	
TEKS	Tekeris	38.54 307	eP	P	20 30 39.2 -1.1
PUL	Pulkovo	38.57 333	iP	P	20 30 38.7 -1.6
PUL			pmax	pmax	
PUL	Pulkovo	38.57 333	iP	P	20 30 38.7 -1.6
NKY	Niksic	38.69 304	iP	P	20 30 38.5 -3.3
BUM	Brajici-Budva	38.71 303	iP	P	20 30 39.1 -2.8
BUM	Brajici-Budva	38.71 303	iP	P	20 30 39.1 -2.8
PKSN	Nyarlorinc	38.74 310	ePKP	P	20 30 41.5 -0.4
UPM	Unac-Piva	38.80 304	iP	P	20 30 39.7 -3.1
UPM	Unac-Piva	38.80 304	iP	P	20 30 39.7 -3.1
KRAB	Krabi	38.88 115	P	P	20 30 43.5 +0.1
SUW	Suwalki	38.93 322	eP	P	20 30 41.2 -2.1
SUW			ePP	pP	20 31 04.4 +2.0
SUW			eS	S	20 32 11.9 -2.0
SUW			eS	S	20 36 36.4 +0.6

SUW	Suwalki	38.93 322	eP	P	20 30 41.3 -2.1
SUW			ePP	pP	20 31 04.5 +2.0
SUW			eS	S	20 32 12.0 -1.9
SUW			eS	S	20 36 36.5 +0.6
SUW			eS	S	20 38 42.3 -1.5
SUW	comp=Z,3um,1.1s		MLR	MLR	
SUW	comp=Z,392um,27.6s		MLR	MLR	
SUW	Suwalki	38.93 322	eP	P	20 30 41.3 -2.1
SUW			comp=Z,1.4nm,1.1s		
SUW	Suwalki	38.93 322	ePP	pP	20 32 12.0 -1.9
PSZ	Piszkesteto	38.95 312	eP	P	20 30 42.9 -0.8
PSZ			pmax	pmax	
PSZ	comp=Z,6um,1.5s		MLR	MLR	
PSZ	Piszkesteto	38.95 312	iP	P	20 30 42.9 -0.8
PSZ	Piszkesteto	38.95 312	ePKP	P	20 30 42.8 -0.9
PSZ	Piszkesteto	38.95 312	eP	P	20 30 42.3 -1.5
PSZ	comp=Z,63um,20.0s		MLR	MLR	
PSZ	Piszkesteto	38.95 312	iP	P	20 30 42.9 -0.8
PSZ	Piszkesteto	38.95 312	ePKP	P	20 30 42.8 -0.9
PSZ	Piszkesteto	38.95 312	eP	P	20 30 42.2 -1.5
PSZ	comp=Z,6um,1.5s		LR	LR	
LHMI	Lhok Sumawe	38.97 121	eP	P	20 30 42.6 -1.6
LHMI	Lhok Sumawe	38.97 121	P	P	20 30 43.5 -0.7
LHMI	comp=Z,1um,2.3s,comp=Z,88um,comp=Z,701um				
LHMI	Lhok Sumawe	38.97 121	eP	P	20 30 42.6 -1.6
LHMI			comp=Z,614nm,0.8s		
HCY	Herceg Novi	39.02 303	iP	P	20 30 41.2 -3.1
HCY	Herceg Novi	39.02 303	iP	P	20 30 41.3 -3.1
BRY	Bratogost	39.04 304	iP	P	20 30 41.8 -2.9
BRY	Bratogost	39.04 304	iP	P	20 30 41.8 -2.9
NIE	Niedzica	39.06 314	eP	P	20 30 44.0 -0.6
NIE			ePP	Pn	20 32 25.3 +3.8
NIE			eS	S	20 36 41.0 +3.0
NIE			LMZ	LR	20 44 41.9
NIE			ePP	pP	20 30 44.1 -0.6
NIE			eS	S	20 31 06.9 +3.2
NIE			eS	S	20 36 41.1 +3.0
NIE			pmax	pmax	
NIE	comp=Z,11um,2.4s		MLR	MLR	
NIE	comp=Z,270um,48.2s		MLR	MLR	
NIE	Niedzica	39.06 314	eP	P	20 30 44.1 -0.6
NIE			comp=Z,5.5nm,2.4s		
TREB	Trebjine	39.16 303	iP	P	20 30 42.5 -3.0
TMCR	Tamitsa	39.16 342	eS	S	20 36 38.2 -0.9
TMCR			pmax	pmax	
TMCR	comp=Z,2um,1.5s		eS	S	20 30 44.2 -1.0
TMCR	Tamitsa	39.16 342	eP	P	20 36 38.2 -0.9
KMBO	Kilima Mbogo	39.18 225	P	P	20 30 48.5 +2.3
KMBO			comp=Z,234nm,0.9s,baz=31,slow=9.8,SNR=142		
KMBO	comp=Z,19nm,1.0s,baz=8.1,slow=7.1,SNR=2.3				20 36 49.1 +8.3
KMBO	Kilima Mbogo	39.18 225	iP	P	20 30 48.3 +2.1
KMBO			S	S	20 36 49.1 +8.2
KMBO	comp=Z,2um,1.4s		pmax	pmax	
KMBO	Kilima Mbogo	39.18 225	P	P	20 30 48.8 +2.6
KMBO			SNR=659		
KMBO	Kilima Mbogo	39.18 225	iP	P	20 30 48.8 +2.6
KMBO	Kilima Mbogo	39.18 225	iP	P	20 30 48.3 +2.1
KMBO	Kilima Mbogo	39.18 225	iP	P	20 30 48.3 +2.1
KMBO	comp=Z,2um,1.4s		S	S	20 36 49.1 +8.3
MLSI	Meulaboh, Aceh	39.19 122	P	P	20 30 44.9 -1.1
PKST	Kunszentmiklos	39.24 310	ePKP	P	20 30 47.1 -1.0
BTO	Batoutu	39.25 60	eP	P	20 30 47.8 -1.1
VSU	Vasula	39.31 330	iP	P	20 30 44.7 -1.8
VSU			pmax	pmax	
VSU	comp=Z,5um,1.0s		P	P	20 30 44.7 -1.8
VSU	Vasula	39.31 330	ePP	PP	20 32 18.7 +0.8
VSU			SNR=60		
BUD	Budapest	39.42 311	ePKP	P	20 30 46.8 -0.8
ENH	Enshi	39.44 76	eP	P	20 30 47.8 -0.2
ENH			comp=Z,9.2nm,0.9s		
ENH	Enshi	39.44 76	eP	P	20 30 47.8 -0.2
ENH			comp=Z,9.2nm,0.9s		
ENH			LR	LR	
ENH	comp=Z,49um,21.0s		LR	LR	
PKSM	Moragy	39.44 309	iP	P	20 30 46.6 -1.1
PKSM	Moragy	39.44 309	ePKP	P	20 30 46.8 -0.9
PKSM	Moragy	39.44 309	iP	P	20 30 46.6 -1.1
BEL	Belsk	39.48 318	eP	P	20 30 46.6 -1.4
BEL			ePP	PP	20 31 09.3 +2.2
BEL			eS	S	20 32 21.3 +1.3
BEL			eS	S	20 36 44.9 +0.7
BEL			LMZ	LR	20 44 26.1
BEL	Belsk	39.48 318	eP	P	20 30 46.7 -1.3
BEL			ePP	pP	20 31 09.3 +2.2
BEL			eS	S	20 32 29.5 +0.6
BEL			eS	S	20 36 44.9 +0.7
BEL			pmax	pmax	
BEL	comp=Z,4um,0.9s		P	P	20 30 46.7 -1.3
BEL	Belsk	39.48 318	eP	P	20 30 46.7 -1.3
BEL			comp=Z,2.0nm,0.9s		
BEL			eS	S	20 36 44.9 +0.7
TRTT	Trang	39.50 115	P	P	20 30 48.3 -0.3
LANS	Liptovska Anna	39.52 314	eP	P	20 30 47.5 -1.0
LANS	Liptovska Anna	39.52 314	eP	P	20 30 47.5 -1.0
LANS	Liptovska Anna	39.52 314	eP	P	20 30 47.5 -1.0
OJC	Ojcow	39.59 315	eP	P	20 30 47.7 -1.2
OJC			ePP	pP	20 31 10.9 +2.8

18/20th

2011 JAN

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like BJO, ABA, VLF, EMHD, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like HSPB, KARS, KSR, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes stations like ESK, CAUP, MCD, etc.

Table with columns: PAB, comp, LR, LR, and numerical values. Includes stations like TSM Tawau, SCJU Guntung, JNU Nakatsue, etc.

Table with columns: PMTG, station name, comp, LR, LR, and numerical values. Includes stations like PMTG Montargil, PVAQ Vaqueiros, PAGZ Pagadain, etc.

Table with columns: PMSI, station name, comp, LR, LR, and numerical values. Includes stations like PMSI Majene, GSPH General Santos, DAV Davao City, etc.

18d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like YUK, TSUM, BBSI, ALE, KUR, etc.

2011 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like PET, SWI, SIJI, TULE, GRM, etc.

930

Table with columns for station name, frequency, power, and other technical details. Includes stations like NUUK, FITZ, GUMO, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like EGAK Eagle, ASAR Alice Springs, DOT Dot Lake, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like WRAK Wrangell Island, EMMW East Machias, STKA Stephens Creek, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like D37A Cotton, B30A Myrvik Farm, COWI Conover, etc.

Q32A	Meltzer Ranch, baz=16	110.73 346	Pdiff	Pdif	20 37 45.9 -3.9
P28A	Saint Francis	110.81 348	Pdiff	Pdif	20 37 49.7 -0.5
R35A	Empo Munici baz=18	110.81 343	Pdiff	Pdif	20 37 48.1 -2.1
S38A	Stockton baz=21	110.86 341	Pdiff	Pdif	20 37 47.0 -3.3
Q31A	Ellis	110.90 346	Pdiff	Pdif	20 37 47.1 -3.5
T40A	Mansfield baz=22	110.90 340	Pdiff	Pdif	20 37 47.1 -3.4
SMRT ELK	St. Maarten Eiko comp=Z,1.4nm,0.5s,baz=225,slow=1.6,SNR=6.9	110.91 306 e 110.92 359 Pdiff	SP Pdiff	Pdif	20 51 52.3 +1.1 20 37 51.4 +0.5
ELK	comp=Z,1.4nm,0.5s,baz=225,slow=1.6,SNR=6.9	PKIKP	PKIKP		20 41 52.6 +2.6
ELK	comp=Z,1.3nm,1.0s,baz=48,slow=0.6,SNR=7.3	PKPKbc	PKPKbc		20 52 47.6 -0.5
GOGA	Godfrey	110.97 331	PFAKE	LR	20 42 00.0
S37A	Fort Scott baz=20	110.99 342	Pdiff	Pdif	20 37 46.7 -4.2
VN2A	Neumayer-Watz baz=15,slow=3.8	111.02 199	P	PKIKP	20 41 49.2 +0.4
R34A	Isabella, Hill baz=18	111.09 344	Pdiff	Pdif	20 37 48.6 -2.8
Q30A	Quinter baz=15	111.09 347	Pdiff	Pdif	20 37 47.5 -4.0
MLYT CBKS	Lee's Yard Cedar Bluff	111.13 304 e 111.15 346 eP	PP Pdiff	MLR	20 42 22.2 -8.0 20 37 46.5 -5.2
CBKS	Cedar Bluff baz=15	111.15 346	Pdiff	Pdif	20 37 49.2 -2.5
CBKS	Cedar Bluff	111.15 346	ePdiff	LR	20 37 46.5 -5.2
Q20A	White River Ci baz=7.3	111.15 250	Pdiff	Pdif	20 37 48.1 -3.8
VN1A	Neumayer-Stat	111.16 200	P	PKIKP	20 41 46.3 -2.7
O3D	Paynes Creek baz=355	111.16 5	Pdiff	Pdif	20 37 50.4 -1.4
ISCO	Idaho Springs baz=9.6	111.18 351	Pdiff	Pdif	20 37 49.3 -2.9
ISCO	Idaho Springs	111.18 351	PFAKE	LR	20 42 00.0
SEUS	St. Eustatius	111.20 305 e	PKIKP		20 41 56.8 +6.1
SEUS	St. Eustatius	111.20 305 e	SP		20 51 55.0 +1.0
S36A	Lake Cedric, C baz=19	111.23 343	Pdiff	Pdif	20 37 51.1 -0.9
R33A	Olander Ranch, baz=17	111.26 345	Pdiff	Pdif	20 37 51.1 -1.0
T39A	Cleaver baz=21	111.27 341	Pdiff	Pdif	20 37 47.0 -5.2
R32A	Long Quarter, baz=16	111.31 345	Pdiff	Pdif	20 37 46.4 -6.0
Q28A	Sharon Springs baz=13	111.32 348	Pdiff	Pdif	20 37 47.6 -4.9
Q29A	Oakley baz=14	111.33 347	Pdiff	Pdif	20 37 52.3 -0.2
DLPL JOHN	La Plaine Johnston Islan	111.33 302 e 111.34 56	SP PFAKE	LR	20 51 56.3 +1.0 20 42 00.0
DUG	Dugway, Tooele	111.41 357 e	Pdiff	MLR	20 37 59.3 +6.4
DUG	Dugway, Tooele	111.41 357	Pdiff	Pdif	20 37 51.9 -1.0
DUG	Dugway, Tooele	111.41 357	ePdiff	LR	20 37 59.3 +6.4
S35A	Otter Creek Ra baz=18	111.45 343	Pdiff	Pdif	20 37 50.9 -2.1
K1PM	Iron Peak	111.50 6	ePKPpdf	PKIKP	20 41 49.7 -1.3
K3CO	Kaye Shedlock	111.51 349	Pdiff	Pdif	20 37 51.0 -2.4
K3CO	Kaye Shedlock	111.51 349	ePKPpdf	PKIKP	20 41 50.6 -0.4
CXM	Morne La Croix	111.60 302 e	PP		20 42 37.0 +3.3
T37A	Cheneyville 18	111.61 342	Pdiff	Pdif	20 37 50.7 -3.0
R31A	Burdett baz=16	111.62 346	Pdiff	Pdif	20 37 50.7 -3.1
S34A	Willow Spring baz=18	111.63 344	Pdiff	Pdif	20 37 52.4 -1.4
FD	Fort de France	111.64 302 e	PP		20 42 26.2 -7.7
FD	Fort de France	111.64 302 e	PP		20 42 27.9 -5.9
FD	Fort de France	111.64 302	PFAKE	LR	20 42 00.0
R30A	Dighton baz=15	111.78 347	Pdiff	Pdif	20 37 50.4 -4.1
R29A	Marienthal baz=14	111.81 347	Pdiff	Pdif	20 37 51.0 -3.6
VN3A	Neumayer Olymp	111.83 200	P	PKIKP	20 41 50.2 -0.2
T36A	Boggs Farm, Ca baz=4	111.93 343	Pdiff	Pdif	20 37 50.2 -4.9
Q24A	Divide baz=10	111.94 351	Pdiff	Pdif	20 37 50.2 -5.4
S33A	Kaszaul Farm, baz=17	111.94 345	Pdiff	Pdif	20 37 51.3 -3.9
SMCO	Snowmass	111.97 352 e	PKPKpdf	PKIKP	20 41 49.4 -2.9
R28A	Tribune baz=13	112.01 348	Pdiff	Pdif	20 37 52.5 -3.1
S32A	Newby Ranch, P baz=16	112.05 345	Pdiff	Pdif	20 37 51.5 -4.2
U38A	Gravette baz=20	112.11 341	Pdiff	Pdif	20 37 49.4 -6.5
MCLT	Moule a Chique	112.12 301 e	PP		20 42 29.0 -8.3
MCLT	Moule a Chique	112.12 301 e	PP		20 41 50.6 +0.2
TMUT	Trail Mountain	112.22 356 e	PKPKpdf	PKIKP	20 41 52.0 -0.6
T35A	Sooner Cattle baz=18	112.23 343	Pdiff	Pdif	20 37 52.4 -4.1
S31A	Mullinville baz=16	112.25 346	Pdiff	Pdif	20 37 53.0 -3.6
T34A	McClaskey Farm baz=18	112.29 344	Pdiff	Pdif	20 37 53.1 -3.7
U37A	Salina baz=20	112.34 342	Pdiff	Pdif	20 37 53.2 -3.8
HOPS	Hopland Field	112.35 6	ePKPpdf	PKIKP	20 41 51.5 -1.0
S30A	Montezuma baz=15	112.43 347	Pdiff	Pdif	20 37 51.7 -5.8
T33A	Patterson Ranch baz=17	112.49 345	Pdiff	Pdif	20 37 51.8 -5.8
U36A	Oologah baz=19	112.52 342	Pdiff	Pdif	20 37 52.4 -5.3
T32A	Huddler Ranch, baz=16	112.55 345	Pdiff	Pdif	20 37 53.0 -5.0
S29A	Jlysses baz=14	112.58 347	Pdiff	Pdif	20 37 56.9 -1.2
SVB	Belmont	112.63 301 e	SP		20 52 09.6 +2.3
V38A	Canehill baz=20	112.65 341	Pdiff	Pdif	20 37 58.2 -0.2
T1GA	Tifton baz=31	112.72 330	Pdiff	Pdif	20 37 59.0 +0.3
LRLAL	Lakeview Retre	112.73 334 e	PKPKpdf	PKIKP	20 41 52.7 -0.6
S28A	Mantler baz=20	112.76 348	Pdiff	Pdif	20 37 58.4 -0.5
T31A	Randall Ranch, baz=16	112.79 346	Pdiff	Pdif	20 37 57.9 -1.1
U35A	Pawnee baz=18	112.80 343	Pdiff	Pdif	20 37 55.9 -3.1
V37A	Hulbert baz=20	112.84 342	Pdiff	Pdif	20 37 59.7 +0.5
U34A	Anderson Ranch baz=16	112.94 344	Pdiff	Pdif	20 37 59.8 +0.2
U34A	Anderson Ranch	112.94 344	ePKPpdf	PKIKP	20 41 50.2 -3.5
P04	Paradox Valley	112.94 354	ePdiff	Pdif	20 37 59.8 -0.1
TUL1	Leonard baz=19	112.99 342	Pdiff	Pdif	20 37 58.8 -1.0
TUL1	Leonard	112.99 342	ePKPpdf	PKIKP	20 41 52.0 -1.8
SJG	San Juan	113.03 308	PFAKE	LR	20 42 00.0
UALR	University of Marysvale	113.04 339	ePKPpdf	PKIKP	20 41 52.6 -1.3
MSU	Marysvale	113.06 357	eP	Pdif	20 38 02.4 +2.0
MSU	Marysvale	113.06 357	ePdiff	PKIKP	20 38 02.4 +2.0
MSU	Marysvale	113.06 357	ePKPpdf	PKIKP	20 41 50.6 -3.5
T29A	Hugoton baz=14	113.07 347	Pdiff	Pdif	20 37 59.5 -0.8
U33A	Lingo Farm, Me baz=17	113.08 344	Pdiff	Pdif	20 37 58.1 -2.2

V36A	Jenks baz=19	113.14 342	Pdiff	Pdif	20 37 58.7 -1.9
SDCO	Great Sand Dun baz=10.0	113.19 351	Pdiff	Pdif	20 38 00.9 -0.2
SDCO	Great Sand Dun	113.19 351	ePKPpdf	PKIKP	20 41 52.9 -1.6
SDCO	Great Sand Dun	113.19 351	PKIKP		20 38 01.3 +0.2
NVAR	Mina Array Bea comp=Z,0.6nm,0.5s,baz=9.4,slow=4.1,SNR=6.3	113.20 2	Pdiff	Pdif	20 41 56.1 +1.7
NVAR	comp=Z,2.55nm,0.8s,baz=345,slow=1.5,SNR=26	SKSsc			20 48 37.8 +5.4
NVAR	comp=Z,1.3nm,0.9s,baz=93,slow=3.8,SNR=2.0	SKSsc			20 52 44.0 +3.6
AOPR	Arecibo Observ	113.29 308 e	SP		20 52 09.6 -3.5
TOSP	Speyside	113.30 298 e	PP		20 42 42.3 -3.5
TOSP	Speyside	113.30 298 e	PP		20 52 12.2 -1.3
R11A	Trot Canyon, C	113.32 360	Pdiff	Pdif	20 37 58.6 -2.9
U32A	Winter Ranch, baz=16	113.33 345	Pdiff	Pdif	20 37 59.9 -1.5
CELP	Cerrillos	113.35 308	ePKPpdf	PKIKP	20 41 52.6 -2.3
S22A	4UR Ranch, Cre baz=8.8	113.36 352	Pdiff	Pdif	20 38 01.1 -0.8
OBIP	Obispo Ponce	113.39 308	ePKPpdf	PKIKP	20 41 52.6 -2.3
V35A	Meyer Ranch, C baz=18	113.40 343	Pdiff	Pdif	20 38 01.7 0.0
W38A	Potolu	113.42 341	Pdiff	Pdif	20 38 00.5 -1.3
V34A	Guthrie baz=18	113.50 344	Pdiff	Pdif	20 38 00.9 -1.2
V34A	Guthrie	113.50 344	ePKPpdf	PKIKP	20 41 54.4 -0.4
CMB	Columbia Colle	113.50 4	ePKPpdf	PKIKP	20 41 55.4 +0.7
CMB	Columbia Colle	113.50 4	ePKPpdf	PKIKP	20 41 55.4 +0.7
U31A	Nine Bar Ranch baz=15	113.53 346	Pdiff	Pdif	20 38 02.6 +0.3
U30A	WK&E Inc. Balk	113.54 347	Pdiff	Pdif	20 38 00.4 -2.0
T25A	Trinidad baz=11	113.63 350	Pdiff	Pdif	20 38 01.3 -1.6
MIAR	Mount Ida	113.63 340	ePKIKP	MLR	20 41 55.0 0.0
MIAR	Mount Ida	113.63 340	ePKIKP	MLR	20 41 55.0 0.0
MIAR	Mount Ida	113.63 340	ePKPpdf	PKIKP	20 41 55.0 0.0
GRGR	Grenville	113.65 300	eP	PP	20 42 40.8 -7.4
GRGR	Grenville	113.65 300	PFAKE	LR	20 42 10.0
GRGH	Guthrie	113.65 300	PFAKE	LR	20 42 10.0
U29A	Oasis Ranch, S baz=17	113.74 347	Pdiff	Pdif	20 38 02.5 -0.8
W36A	Wetumka baz=19	113.83 342	Pdiff	Pdif	20 37 59.6 -4.0
X38A	Whitesboro baz=20	113.89 341	Pdiff	Pdif	20 38 00.4 -3.5
GRTK	Grand Turk	113.94 314	PFAKE	LR	20 42 10.0
V32A	Arapaho baz=18	113.97 345	Pdiff	Pdif	20 38 02.3 -2.0
MLAC	Mammoth, Mamm013.98	2	Pdiff	Pdif	20 37 59.3 -5.2
W35A	Tecumseh baz=16	113.99 343	Pdiff	Pdif	20 38 04.0 -0.3
CCUT	Cedar City	114.07 358	ePdiff	Pdif	20 38 02.4 -2.5
MVCO	Mesa Verde baz=7.2	114.08 353	Pdiff	Pdif	20 38 03.2 -1.8
MVCO	Mesa Verde	114.08 353	ePKPpdf	PKPpdf	20 41 56.7 +0.6
MVCO	Mesa Verde	114.08 353	ePKPpdf	PKPpdf	20 41 56.7 +0.6
V31A	Spring Creek L, baz=16	114.10 346	Pdiff	Pdif	20 38 02.5 -2.4
X37A	Clayton baz=20	114.11 341	Pdiff	Pdif	20 38 03.5 -1.3
W34A	Bridge Creek, baz=18	114.14 344	Pdiff	Pdif	20 38 04.4 -0.6
W34A	Bridge Creek,	114.14 344	ePKPpdf	PKPpdf	20 41 53.7 -2.3
V30A	Spur Ranch, MI baz=19	114.29 346	Pdiff	Pdif	20 38 02.3 -3.4
Y39A	Lockesburg baz=21	114.35 340	Pdiff	Pdif	20 38 03.3 -2.7
W36A	Caddo, Fort Co baz=18	114.39 344	Pdiff	Pdif	20 38 02.1 -4.0
X33A	Centrahoma baz=19	114.40 342	Pdiff	Pdif	20 38 02.1 -4.0
DWPF	Disney Wildern	114.54 327	ePKPpdf	PKPpdf	20 41 55.0 -1.9
BRAL	Brewton	114.54 333	PFAKE	LR	20 42 10.0 +1.3
Y38A	Idabel baz=20	114.55 341	Pdiff	Pdif	20 38 03.5 -3.3
TIN	Tinemaha, Big baz=16	114.58 2	PKIKP	PKIKP	20 41 56.0 -0.9
W32A	Sentinel baz=16	114.59 345	PKIKP	PKIKP	20 41 56.8 -0.1
GRAC	Grapevine Rang baz=16	114.65 1	PKIKP	PKIKP	20 41 56.4 -0.6
W31A	Holland Ranch, baz=16	114.69 346	PKIKP	PKIKP	20 41 56.7 -0.4
X35A	Drake baz=18	114.73 343	PKIKP	PKIKP	20 41 55.1 -2.0
X34A	Smiley Ranch, M baz=18	114.75 344	PKIKP	PKIKP	20 41 56.8 -0.3
Y37A	Hugo baz=20	114.76 341	PKIKP	PKPpdf	20 41 57.4 +0.2
VBMS	Vicksburg	114.77 336	PKIKP	PKIKP	20 41 56.9 -0.3
W30A	Crocket Farms baz=15	114.83 346	PKIKP	PKPpdf	20 41 57.5 +0.1
WMOK	Wichita Mounta	114.85 344	ePKIKP	MLR	20 41 53.9 -3.5
WMOK	Wichita Mounta	114.85 344	ePKIKP	MLR	20 41 53.9 -3.5
WMOK	Wichita Mounta	114.85 344	ePKPpdf	PKPpdf	20 41 53.9 -3.5
X33A	Durant baz=17	114.97 344	PKIKP	PKPpdf	20 41 57.8 +0.2
Y36A	Durant baz=19	115.02 342	PKIKP	PKIKP	20 41

18D 20h

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like Riesel, Cap Rock, Santa Cruz Isl, etc.

2011 JAN

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like Organ Pipe Nat, Rocksprings, Leesville, etc.

934

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like JTS, JTS, JTS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like Banoh, UOSS, HATD, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like AAK, TKM2, RAYN, KIV, MKAR, etc.

DSN 18:20:44:54.3:2.1, 28.18N, 62.82E, h50km, mb4.0/8, mS=4.7, 4C-3D, Error ellipse: s-maj=71.4km, s-min=13.8km az=167.0, Southwestern Pakistan

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like BANOM, HATD, ASHO, NAZ, etc.

ATH 18:20:46:28.4, 38.65N, 23.31E, h23km, 2km, MD2.6/9, CSEM 18:20:46:28.4, 38.65N, 23.31E, h23km, MD2.6, Greece

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like SMIA, LKR, VILL, PROD, SKIA, etc.

NEIC 18:20:46:29.9:0.5, 6.40S, 129.84E, h35km, mb4.3/1, Error ellipse: s-maj=14.9km s-min=8.1km az=65.0, IDC 18:20:46:37.6:2.2, 6.83S, 129.42E, h14km, 29km, mb3.3/4, mb1 3.6/8, mb1mx3.4/46, mbtmp3.9/8, MS3.9/1, ms1mx3.9/21, Error ellipse: s-maj=49.1km s-min=14.3km az=97.0

ISC 18:20:46:35.0:8, 6.89S, 0.06, 129.7E, 0.1, h100km, n13, c=230/15, mb3.6/4, Banda Sea

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like SLJI, SUJI, FITZ, WRAB, WRA, ASAR, etc.

DHMR 18:20:48:20.1:1.0, 12.04N, 43.96E, h14km, 70km, ML3.8, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like ADEN, UDYN, LBOS.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like LBOS, BDHA, DHBA, DHBB, DHBM.

IDC 18:21:23:49.8:4.5, 30.85S, 178.61W, h0km, mb3.3/2, mb1 3.5/2, mb1mx3.4/41, mbtmp3.3/2, Error ellipse: s-maj=226.0km s-min=49.2km az=160.0, Kermadec Islands

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like ASAR, WRA, FINES, BRTR.

ISC/JB 18:21:30:43.5:0.3, 18.93S, 0.03, 69.26W, 0.03, h97km, 4km, mb5.2/196, Error ellipse: s-maj=5.4km s-min=3.9km az=40.1

SCB 18:21:30:46.7:1.3, 18.89S, 69.83W, h80km, MI4.1/1, Error ellipse: s-maj=90.4km s-min=30.4km az=119.0

NEIC 18:21:30:47.0:19.20S, 69.40W, h103km, mb5.3/157, After GUC 18:21:30:47.5:0.3, 19.00S, 69.25W, h119km, 2km, mb4.7/31, mb1 4.8/34, mb1mx4.7/39, mbtmp5.0/34, Error ellipse: s-maj=10.2km s-min=8.6km az=39.0

GUC 18:21:30:47.0:0.3, 19.20S, 69.40W, h103km, 2km, ML5.8, ISC 18:21:30:47.1:0.3, 19.13S, 0.03, 69.35W, 0.05, h117km, 2km, h117km, P, n879, a1=19/777, mb5.2/195, 8C-2D, Northern Chile

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like PB11, PB13, PATCX, LPAZ, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like SAMP, ATAH, TRQA, PTGA, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like JTS, EFI, FDF, RCBR, TGUH, GRTK, etc.

335A	Moody	baz=147	56.91	331	P	P	21	40	19.6	-0.4
CCAR	Cane Creek	baz=148,SNR=6.7	56.91	338	eP	P	21	40	20.0	+0.1
WVCC	Virginia Weste	comp=E,66nm,0.7s	56.96	350	eP	P	21	40	20.4	+0.1
BLA	Blacksburg	baz=151,SNR=17	57.00	349	eP	P	21	40	19.8	-0.8
138A	Matatali Enter	comp=E,98nm,1.0s	57.08	334	P	P	21	40	21.7	+0.5
236A	Katherine and	baz=149,SNR=18	57.12	332	P	P	21	40	21.8	+0.3
WLAR	White Oak Lake	comp=E,57nm,0.9s	57.20	336	eP	P	21	40	22.4	+0.4
Z39A	Irene McRaven,	baz=152,SNR=5.2	57.22	335	P	P	21	40	22.1	0.0
433A	Art	baz=146,SNR=15	57.25	329	P	P	21	40	21.9	-0.5
137A	Heron Place, G	baz=150,SNR=18	57.30	334	P	P	21	40	22.6	+0.8
334A	Lometa	baz=147	57.33	331	P	P	21	40	22.4	-0.6
JCT	Junction City	baz=146	57.37	329	P	P	21	40	23.2	-0.1
JCT	Junction City	comp=E,39nm,0.9s	57.37	329	eP	P	21	40	23.2	-0.1
531A	Rocksprings	baz=148,SNR=12	57.48	328	P	P	21	40	24.0	-0.2
WHXX	Lake Whitney,	baz=148,SNR=12	57.52	332	P	P	21	40	24.3	-0.1
WHXX	Lake Whitney,	comp=E,75nm,0.6s	57.52	332	eP	P	21	40	24.1	-0.2
136A	Ennis	baz=149	57.53	333	P	P	21	40	24.2	-0.1
Z38A	Mt. Pleasant	baz=151,SNR=10	57.55	335	P	P	21	40	24.8	+0.4
333A	Richard Sprin	baz=147	57.67	330	P	P	21	40	24.6	-0.8
WVT	Waverly	comp=E,69nm,1.1s	57.69	329	P	P	21	40	25.0	-0.5
432A	Nienard	baz=146,SNR=9.7	57.77	321	eP	P	21	40	26.0	-0.4
HPIG		comp=E,60nm,1.2s	57.77	321	eP	P	21	40	26.3	+0.3
Z37A	Pogue Cattle C	baz=151,SNR=5.3	57.80	336	P	P	21	40	26.0	-0.2
Y39A	Lockesburg	baz=152,SNR=12	57.84	331	P	P	21	40	26.0	-0.6
234A	Clairette	baz=148,SNR=21	57.84	331	P	P	21	40	26.6	-0.2
530A	J-C Ranch, Com	baz=144,SNR=9.4	57.87	327	P	P	21	40	25.5	-1.3
UALR	University of	comp=E,66nm,1.3s	57.89	338	eP	P	21	40	26.9	-0.7
431A	Sonora	baz=145,SNR=10.0	57.93	332	P	P	21	40	27.2	-0.7
135A	Vickery Place,	baz=149	58.04	335	P	P	21	40	27.6	-0.7
Y38A	Idabel	baz=152	58.08	329	P	P	21	40	27.6	-0.7
332A	Millersview	baz=146,SNR=9.4	58.12	315	eP	P	21	40	29.6	+0.8
SLBS	Sierra La Lagu	comp=E,39nm,1.4s	58.14	336	eP	P	21	40	27.8	-0.8
MIAR	Mount Ida	baz=153,SNR=23	58.14	336	eP	P	21	40	28.9	+0.1
MIAR	Mount Ida	comp=E,32nm,1.1s	58.17	333	P	P	21	40	28.6	-0.5
Z36A	Blue Ridge	baz=150,SNR=15	58.17	333	P	P	21	40	28.9	+0.1
GNAR	Gosnell	58.18	340	eP	P	21	40	28.6	-0.5	
Z33A	Rising Star	baz=147,SNR=16	58.30	332	P	P	21	40	28.9	-0.8
134A	White-Moore Ra	baz=148,SNR=10	58.33	338	eP	P	21	40	27.5	-2.4
WHAR	Woolly Hollow	comp=E,39nm,0.9s	58.35	329	P	P	21	40	29.5	-0.6
331A	San Angelo	baz=145,SNR=8.0	58.44	334	P	P	21	40	30.9	+0.2
Y37A	Hugo	baz=151,SNR=38	58.45	330	P	P	21	40	30.3	-0.6
232A	Coleman	baz=146,SNR=13	58.46	325	P	P	21	40	30.4	-0.6
TXAR	Lajitas Array	comp=E,8.9nm,0.8s, baz=148,slow=7.9,SNR=7.9	58.46	325	eP	P	21	40	31.5	-0.2
TXAR	Perchaven, San	baz=149,SNR=14	58.65	334	P	P	21	40	32.1	0.0
Y36A	Durant	baz=150	58.65	315	P	P	21	40	32.4	+0.1
LPIG	La Paz	comp=E,31nm,0.3s, baz=344,slow=1.4,SNR=6.8	58.71	331	P	P	21	40	32.7	0.0
133A	Hamilton Ranch	baz=147,SNR=8.8	58.73	335	P	P	21	40	32.6	-0.1
X38A	Whitesboro	baz=152,SNR=29	58.74	341	eP	P	21	40	32.2	-1.1
PARMO	Parma	58.74	329	P	P	21	40	32.2	-0.9	
330A	Mertzton	baz=148,SNR=5.1	58.87	328	P	P	21	40	33.6	-0.1
231A	Bronte	baz=146	58.87	335	P	P	21	40	33.4	-0.5
X37A	Clayton	baz=151,SNR=27	58.90	332	P	P	21	40	33.9	-0.4
Z34A	Collier Ranch,	baz=148,SNR=13	58.96	336	P	P	21	40	34.2	-0.2
W38A	Poteau	baz=152,SNR=31	59.06	330	P	P	21	40	34.4	-0.7
Y35A	Marietta	baz=149,SNR=16	59.06	340	eP	P	21	40	33.6	-1.3
ABTX	Abilene, Hawle	baz=146,SNR=16	59.16	329	P	P	21	40	35.0	-0.8
PBMO	Poplar Bluff	comp=E,04nm,1.1s	59.20	331	P	P	21	40	35.4	-0.6
230A	Sterling City	baz=145,SNR=11	59.20	334	P	P	21	40	35.2	-1.1
Z33A	Whitaker Ranch	baz=149,SNR=20	59.26	331	P	P	21	40	36.5	+0.1
X36A	Centrahoma	baz=150,SNR=11	59.29	351	eP	P	21	40	36.4	-0.4
MCWV	Mont Chateau	comp=E,22nm,0.6s	59.33	333	P	P	21	40	36.1	-1.0
Y34A	Reagan Ranch,	baz=149,SNR=33	59.37	334	P	P	21	40	37.3	-0.5
X35A	Drake	baz=150,SNR=21	59.45	330	P	P	21	40	37.7	-0.7
131A	Roby	baz=146,SNR=16	59.55	331	P	P	21	40	37.2	-1.0
Z32A	Haskell	baz=147,SNR=11	59.55	342	eP	P	21	40	38.1	-0.7
SIUC	Southern Ilin	59.62	336	P	P	21	40	38.7	-0.6	
Y38A	Canehill	baz=152,SNR=35	59.66	329	P	P	21	40	38.4	-0.7
130A	Snyder	baz=147,SNR=25	59.70	335	P	P	21	40	38.9	-0.7
W36A	Wetumka	baz=150,SNR=7.4	59.71	352	P	P	21	40	39.3	-0.4
O56A	Blue Knob Stat	baz=170	59.75	332	P	P	21	40	39.1	-1.0
Y33A	Hilltop Ranch,	baz=148,SNR=16	59.81	337	eP	P	21	40	40.2	-0.4
HHAR	Hobbs	comp=E,67nm,1.2s	59.87	330	P	P	21	40	40.3	-0.5
Z31A	Sharp Creek P	baz=146,SNR=30	59.91	333	P	P	21	40	40.2	-0.6
X34A	Smith Ranch, M	baz=149,SNR=18	59.91	336	P	P	21	40	40.6	-1.4
V37A	Hulbert	baz=152,SNR=34	60.09	339	P	P	21	40	41.7	-0.5
W35A	Tecumseh	baz=150,SNR=13	60.11	331	P	P	21	40	41.3	-1.0
T40A	Mansfield	baz=155,SNR=14	60.12	337	P	P	21	40	41.6	-0.8
Y32A	R-V Farms, Ver	baz=147,SNR=16	60.14	332	P	P	21	40	41.8	-0.6
U38A	Gravette	baz=153,SNR=10	60.15	335	P	P	21	40	41.8	-0.6
X33A	Lawton	baz=148	60.18	345	eP	P	21	40	42.1	-1.5
V36A	Jenks	baz=151,SNR=30	60.18	345	eP	P	21	40	42.0	-0.7
BLO	Bloomington	comp=E,59nm,1.1s	60.19	335	eP	P	21	40	42.0	-0.7
TUL1	Leonard	baz=151,SNR=14	60.19	335	eP	P	21	40	42.0	-0.7
TUL1	Leonard	comp=E,105nm,1.0s	60.19	335	eP	P	21	40	42.0	-0.7

T39A	Clever	60.27	338	P	P	21	40	42.0	-1.2	
Z30A	Sanderson Ranc	baz=154,SNR=10	60.31	329	P	P	21	40	42.9	-0.8
U37A	Sallins	baz=145,SNR=42	60.37	336	P	P	21	40	43.1	-0.8
X32A	Elmer	baz=152,SNR=25	60.39	332	P	P	21	40	43.2	-0.9
W34A	Bridge Creek,	baz=147,SNR=8.1	60.42	333	P	P	21	40	43.4	-0.9
WMOK	Wichita Mounta	comp=E,77nm,1.8s	60.43	332	eP	P	21	40	43.1	-1.4
Y31A	Rekieta Farm,	baz=149,SNR=35	60.45	331	P	P	21	40	43.9	-0.8
V35A	Meyer Ranch, C	baz=150,SNR=11	60.48	334	P	P	21	40	43.9	-0.8
S40A	Lebanon	baz=153,SNR=25	60.49	339	P	P	21	40	43.9	-0.8
N54A	Moraine State	baz=169,SNR=9.8	60.59	351	P	P	21	40	45.3	-0.1
U36A	Oologah	baz=151,SNR=10	60.59	336	P	P	21	40	45.6	-0.2
W33A	Caddo, Fort Co	baz=148,SNR=25	60.65	333	P	P	21	40	45.7	-0.5
Y30A	Stafford Catti	baz=146,SNR=11	60.68	330	P	P	21	40	46.1	-0.9
V34A	Guthrie	baz=149,SNR=12	60.83	334	P	P	21	40	46.2	-0.9
S39A	Bolivar	comp=E,77nm,0.6s	60.85	338	P	P	21	40	46.8	-0.6
X31A	McDonald Ranch	baz=147,SNR=23	60.88	331	P	P	21	40	47.1	-0.6
T37A	Cheneyville 18	baz=159,SNR=78	60.92	337	P	P	21	40	47.5	-0.5
W32A	Sentinel	baz=148,SNR=44	60.96	332	P	P	21	40	47.4	-0.6
U35A	Pawnee	baz=150,SNR=18	60.97	335	P	P	21	40	47.1	-1.1
S38A	Stoel	baz=154,SNR=17	61.00	338	P	P	21	40	46.8	-1.5
R40A	Maddies Statio	baz=155,SNR=18	61.03	339	P	P	21	40	47.9	-0.7
M54A	Oil Creek Stat	baz=149,SNR=6	61.08	351	P	P	21	40	48.5	-0.7
V33A	Lossen Ranch,	baz=149,SNR=13	61.14	330	P	P	21	40	48.9	-0.9
X30A	Coker Ranch, T	baz=148,SNR=3	61.22	325	P	P	21	40	48.6	-1.2
MNTX	Cornudas Mount	baz=141,SNR=48	61.22	325	eP	P	21	40	49.1	-0.6
MNTX	Cornudas Mount	comp=E,50nm,0.8s	61.23	336	P	P	21	40	49.2	-1.0
R36A	Boggs Farm, C	baz=151,SNR=37	61.31	339	P	P	21	40	49.1	-0.6
R39A	Chumby, Stover	baz=154,SNR=13	61.33	332	P	P	21	40	49.0	-1.4
W31A	Holland Ranch,	baz=147,SNR=6.7	61.35	334	P	P	21	40	50.0	-0.6
U34A	Anderson Ranch	comp=E,65nm,0.6s	61.35	334	eP	P	21	40	50.1	-1.1
U34A	Anderson Ranch	comp=E,65nm,0.6s	61.35	334	eP	P	21	40	50.1	-1.1
U34A	Anderson Ranch	comp=E,65nm,0.6s	61.35	334	eP	P	21	40	50.1	-1.1
T35A	Sooner Cattle	baz=151,SNR=27	61.38	333	P	P	21	40	50.4	-0.4
V32A	Arapaho	baz=148,SNR=17	61.45	337	P	P	21	40	50.5	-0.7
S37A	Fort Scott	baz=153,SNR=35	61.46	345	P	P	21	40	50.6	-0.9
SFIN	Lafayette	baz=151,SNR=14	61.50	338	P	P	21	40	51.1	-1.1
R38A	Fenwick Farm,	baz=154,SNR=45	61.59	334	P	P	21	40	50.8	-1.4
U30A	Lingo Farm, Me	baz=159,SNR=3	61.61	340	P	P	21	40	52.5	-0.3
MSTX	Muleshoe	baz=144,SNR=7.5	61.66	329	P	P	21	40	52.6	-0.3
S36A	Lake Cedric, C	baz=152,SNR=56	61.70	337	P	P	21	40	52.5	-0.2
T34A	McClaskey Farm	baz=150,SNR=26	61.71	335	P	P	21	40	53.2	-0.2
ERPA	Erle	comp=E,125nm,0.7s	61.72	351	eP	P	21	40	53.3	-1.0
V31A	Spring Creek L	baz=147,SNR=12	61.88	330	P	P	21	40	53.2	-1.1
AMTX	Amarillo	comp=E,24nm,1.0s	61.88	330	eP	P				

K35A	Storm Lake	66.00	339	P	P	21	41	20.4	-0.6
SDCO	Great Sand Dun	66.00	329	P	P	21	41	21.7	+0.3
SDCO	Great Sand Dun	66.00	329	eP	P	21	41	21.6	+0.1
N30A	Hueftle Ranch	66.11	335	P	P	21	41	21.5	-0.3
M31A	Lambrecht Ranc	66.14	336	P	P	21	41	21.6	-0.4
W18A	Petrified Fore	66.18	325	P	P	21	41	23.1	+0.6
W18A	Petrified Fore	66.18	325	eP	P	21	41	23.0	+0.5
L33A	Hoskins	66.22	338	P	P	21	41	21.7	-0.7
O28A	Krutsinger Ran	66.24	333	P	P	21	41	22.4	-0.3
J36A	Genesee 1, Swea	66.25	340	P	P	21	41	21.8	-0.8
K34A	Le Mars	66.26	339	P	P	21	41	21.9	-0.8
I38A	Scanlan Farm,	66.29	342	P	P	21	41	21.8	-1.0
L32A	Elgin	66.34	337	P	P	21	41	22.5	-0.7
N29A	Votaw Ranch, W	66.34	335	P	P	21	41	23.1	-0.2
K33A	Hardington	66.50	338	P	P	21	41	23.7	-0.5
J35A	Milford	66.57	340	P	P	21	41	23.4	-1.2
I37A	Lemond, Waseca	66.58	341	P	P	21	41	23.9	-0.7
N28A	Pribbeno Ranch	66.61	334	P	P	21	41	24.8	-0.2
X16A	Lo Mia Camp, P	66.62	323	eP	P	21	41	26.1	+0.7
S22A	4UR Ranch, Cre	66.66	328	P	P	21	41	26.1	+0.4
S22A	4UR Ranch, Cre	66.66	328	eP	P	21	41	25.5	-0.2
J34A	George	66.75	339	P	P	21	41	25.0	-0.7
I36A	Fitzsimmons Fa	66.77	341	P	P	21	41	25.0	-0.8
L31A	Gutterfield Fa	66.80	337	P	P	21	41	26.0	-0.1
Q24A	Divide	66.80	330	P	P	21	41	26.8	+0.3
Q24A	Divide	66.80	330	eP	P	21	41	26.6	0.0
I13A	Mohawk Valley,	66.83	320	eP	P	21	41	56.1	+0.8
K32A	Verdigre	66.90	337	P	P	21	41	26.4	-0.4
I35A	Creekview Farm	66.93	340	P	P	21	41	26.2	-0.7
L30A	Spencer Herefo	66.94	336	P	P	21	41	27.1	0.0
H37A	Dierke Farm, C	66.95	342	P	P	21	41	26.3	-0.7
OGNE	Ogallala	67.03	334	P	P	21	41	27.5	-0.2
OGNE	Ogallala	67.03	334	eP	P	21	41	27.7	0.0
OGNE	Mesa Verde	67.09	327	eP	P	21	41	56.1	-0.6
MVCO	Mesa Verde	67.09	327	eP	P	21	41	28.5	+0.2
J33A	Davis	67.12	338	P	P	21	41	27.4	-0.7
M28A	Bar X Bar Ranc	67.13	334	P	P	21	41	28.5	+0.2
K31A	O'Neill	67.16	337	P	P	21	41	28.0	-0.4
Y14A	Wickenburg	67.19	321	eP	P	21	41	29.4	+0.7
H36A	Jessenland, He	67.25	341	P	P	21	41	28.3	-0.6
VLDQ	Vai d'Or	67.32	354	eP	P	21	41	29.0	-0.2
L29A	Maesberg Ranch	67.34	335	P	P	21	41	29.5	-0.1
COWI	Conover	67.35	345	eP	P	21	41	28.5	-1.0
ECSD	EROS Data Cent	67.36	339	P	P	21	41	28.7	-0.9
ECSD	EROS Data Cent	67.36	339	eP	P	21	41	28.7	-0.9
WUAZ	Wupatki	67.38	324	P	P	21	41	30.8	+0.7
WUAZ	Wupatki	67.38	324	eP	P	21	41	30.9	+0.8
I34A	Hadley	67.38	340	P	P	21	41	28.8	-0.9
J32A	Parkston	67.48	338	P	P	21	41	29.3	-1.0
SPMN	Marine on St.	67.51	342	P	P	21	41	29.4	-1.1
SPMN	Marine on St.	67.51	342	eP	P	21	41	29.2	-1.2
K30A	Bassel	67.52	336	P	P	21	41	30.6	-0.1
H35A	Sunnyside Ranch	67.64	341	P	P	21	41	30.4	-0.9
GLA	Glamis	67.67	320	P	P	21	41	32.7	+0.9
GLA	Glamis	67.67	320	eP	P	21	41	32.6	+0.9
ISCO	Idaho Springs	67.69	330	P	P	21	41	32.2	+0.1
ISCO	Idaho Springs	67.69	330	eP	P	21	41	32.2	+0.1
ISCO	Coleman	67.70	339	P	P	21	41	58.9	+0.7
I33A	Connealy Angus	67.71	335	P	P	21	41	31.8	-0.2
J31A	Geddes	67.73	337	P	P	21	41	31.3	-0.6
G36A	St. Michael	67.79	342	P	P	21	41	31.3	-1.0
PV01	Paradox Valley	67.83	327	eP	P	21	41	33.4	+0.4
SMCO	Snowmass	67.84	329	eP	P	21	41	33.7	+0.5
K29A	Lazy Trails An	67.87	336	P	P	21	41	33.1	+0.2
H34A	Spellman Lake,	67.92	340	P	P	21	41	32.2	-0.8
I32A	Karley and Nic	67.92	338	P	P	21	41	32.3	-0.8
Y12C	Blythe	67.96	320	P	P	21	41	34.3	+0.8
Y12C	Blythe	67.96	320	eP	P	21	41	34.5	+1.0
G35A	Watkins	68.00	341	P	P	21	41	32.7	-0.8
J30A	Dallas	68.04	337	P	P	21	41	33.4	-0.5
PV05	Paradox Valley	68.06	327	eP	P	21	41	34.7	+0.3
PDMCJ	Parker Dam, Lak	68.11	321	P	P	21	41	34.9	+0.4
LIC	Lamto	68.15	75	eP	P	21	41	33.9	-1.3
IBP	Imperial Bould	68.19	319	P	P	21	41	36.3	+1.2
SWSC	Sam W. Stewart	68.19	339	P	P	21	41	36.2	+1.2
K28A	Ten Mile Ranch	68.24	335	P	P	21	41	35.5	+0.3
H33A	Prehn Over Nor	68.25	339	P	P	21	41	34.6	-0.6
PV10	Paradox Valley	68.25	327	eP	P	21	41	35.5	-0.2
I31A	Royce, Wessing	68.29	338	P	P	21	41	35.1	-0.4
F36A	Milaca	68.30	342	P	P	21	41	34.3	-1.1
R19A	Curley Farm, L	68.30	327	eP	P	21	41	36.2	+0.3
T1C	Toumoudi	68.32	74	eP	P	21	41	34.9	-1.4
H32A	Carlson Farm,	68.32	339	P	P	21	41	34.7	-0.9
G34A	Benson	68.38	340	P	P	21	41	34.6	-1.3
PV09	Paradox Valley	68.39	327	eP	P	21	41	36.8	+0.3
J29A	Okreek	68.42	336	P	P	21	41	35.7	-0.6
BC3	Big Chuckawall	68.46	320	P	P	21	41	37.6	+0.8
KIC	Kosan Boka	68.46	75	eP	P	21	41	36.0	-1.1

DBIC	Dimbokro	68.48	75	P	P	21	41	36.2	-1.0
DBIC	comp=E,4.7nm,0.7s,baz=225,slow=6.6,SNR=11.2	68.52	337	P	P	21	41	20.7	+0.8
I30A	comp=E,2.2nm,0.8s,baz=225,slow=6.5,SNR=2.1	68.52	337	P	P	21	41	36.2	-0.6
W13A	Hualapai Mount	68.52	322	eP	P	21	41	38.3	+1.0
MONP	Monument Peak	68.54	319	P	P	21	41	38.5	+1.1
U15A	North Rim	68.55	324	eP	P	21	41	38.6	+1.0
BAR	Barrett	68.56	318	eP	P	21	41	37.7	+0.3
G33A	Ortonville	68.60	340	P	P	21	41	36.2	-1.0
F35A	Swanville	68.61	341	P	P	21	41	36.2	-1.1
IRM	Iron Mountain	68.62	320	P	P	21	41	38.6	+0.9
N23A	Red Feather La	68.71	331	P	P	21	41	38.6	+0.2
N23A	Red Feather La	68.71	331	eP	P	21	41	38.7	+0.2
F34A	Alexandria	68.76	341	P	P	21	41	37.5	-0.8
J28A	Allard Ranch,	68.79	336	P	P	21	41	38.6	0.0
SUSD	Miller	68.80	338	P	P	21	41	37.6	-1.0
PHWY	Pilot Hill	68.81	332	eP	P	21	41	39.6	+0.5
PHWY	comp=E,8.2nm,1.6s	68.82	343	eP	P	21	41	08.4	+0.2
E36A	McGregor	68.82	343	P	P	21	41	39.5	-1.1
I29A	Vivian Onida	68.94	337	P	P	21	41	38.9	-0.6
J27A	Elkhorn Farm,	68.95	335	P	P	21	41	40.2	+0.6
G32A	Webster	69.00	339	P	P	21	41	39.2	-0.7
BELC	Belle Mtn. Jos	69.03	320	P	P	21	41	40.7	+0.3
PFO	Pinyon Flats O	69.05	319	P	P	21	41	40.9	+0.5
PFO	comp=E,6.9nm,0.7s,baz=134,slow=6.6,SNR=3.3	69.05	319	P	P	21	41	10.7	+1.1
PFO	Pinyon Flats O	69.05	319	P	P	21	41	41.0	+0.5
PFO	comp=E,1.66nm,1.2s,SNR=11	69.05	319	P	P	21	41	41.4	+0.9
PFO	Pinyon Flats O	69.05	319	eP	P	21	41	40.9	+0.5
PFO	comp=E,3.5nm,1.1s	69.12	340	eP	P	21	41	10.7	+1.1
F33A	5 Mile Ranch,	69.12	340	P	P	21	41	39.4	-1.2
D37A	Cotton	69.17	343	P	P	21	41	39.8	-1.0
E35A	Peavot Lakes	69.19	342	P	P	21	41	40.1	-0.8
C39A	Grand Marais	69.19	345	P	P	21	41	39.8	-1.1
O20A	White River C	69.20	329	P	P	21	41	41.8	+0.4
O20A	White River C	69.20	329	eP	P	21	41	41.9	+0.4
G31A	Conde	69.22	339	P	P	21	41	40.3	-0.9
I28A	Midland	69.25	336	P	P	21	41	40.8	-0.6
GMRC	Granite Mount	69.35	321	P	P	21	41	43.0	+0.7
E34A	Wadena	69.38	341	P	P	21	41	40.9	-1.2
C38A	Sawbill Land.	69.39	344	P	P	21	41	40.9	-1.2
D36A	Goodland	69.39	343	P	P	21	41	40.9	-1.3
H29A	Onida	69.42	337	P	P	21	41	41.7	-0.7
J26A	Sides Ranch, S	69.43	334	P	P	21	41	43.0	+0.4
G30A	comp=E,1.50nm,SNR=11	69.46	338	P	P	21	41	42.5	-0.1

18d 21h

Table with columns: Call Sign, Name, Frequency, Power, and other details. Includes stations like REDW Red Top Meadow, ULM Lac du Bonnet, ULM comp=E, 20.0m, 0.7s, etc.

2011 JAN

Table with columns: Call Sign, Name, Frequency, Power, and other details. Includes stations like D08A Wollman Farm, G05D Wamic, OR, etc.

938

Table with columns: Call Sign, Name, Frequency, Power, and other details. Includes stations like BRTR Keskin Array B, KBZ Khabaz, KBZ comp=2.3, 1nm, 1.0s, etc.

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

OMAN 18 21:32:20.199,0.29:03N:64.84E, h93km, q36m, Error ellipse: s-maj=1745.0km s-min=33.6km az=236.0

NEIC 18 21:32:29.2.0.9,28:71N:63.96E, h64km, q9m, mb4.5/23, Error ellipse: s-maj=7.3km s-min=5.6km az=169.5

CSEM 18 21:32:30.8.0.2,28:73N:63.90E, h80km, mb4.3/47, Ms4.9, Error ellipse: s-maj=7.3km s-min=4.9km az=155.0

MOS 18 21:32:33.1.1.4,28:93N:64.01E, h102km, mb4.0/26, Error ellipse: s-maj=8.9km s-min=5.6km az=109.0

DSN 18 21:32:33.5.5.28:84N:63.75E, h50km, mb4.2/7, Ms4.9/5, Error ellipse: s-maj=83.5km s-min=13.7km az=109.0

ISC 18 21:32:27.2.0.5,28:78N:0.07:64.02E, h35km, n271, +r135/256, mb4.3/67, 41C-23D, Southwestern Pakistan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like IDAH, IKOO, IMON, etc.

Main table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like EKSZ, Erkin-Say, AAK, etc.

Main table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like MLR, Muntele Rosu, MRL, etc.

18d 23h

Table with columns: Day, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like DAVA Damulus, TUE Stuetta, VSL Villasalto, etc.

ISC/JB 18 21:48:33.9-0.8, 27.4N-0.1, 143.4E-0.1, h10km, mb3.9/10, Error ellipse: s-maj=17.8km s-min=11.4km az=150.5

ISC 18 21:47:34.4-1.1, 27.35N-143.28E, h0km, mb3.8/10, mb1.3/9.10, mb1mx3.6/7, mbtmp3.8/10, Error ellipse: s-maj=23.8km s-min=17.8km az=120.0

ISC 18 21:48:36.0-1.1, 27.4N-0.1, 143.3E-0.1, h10km, n11, 0:547/12, mb4.2/10, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like Code Chichijima, Code SONGINGO, etc.

ISC 18 21:50:47.5-8.7, 20.88S-67.32W, h211km, 60km, mb2.9/2, mb1.3/1.3, mb1mx2.9/27, mbtmp3.5/3, Error ellipse: s-maj=100.9km s-min=32.8km az=21.0, Southern Bolivia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like Code LPaz, Code TXAR, etc.

ISC 18 21:52:55.0-2.0, 26.51N-144.01E, h0km, mb3.5/4, mb1.3/6.4, mb1mx3.3/56, mbtmp3.5/4, Error ellipse: s-maj=52.5km s-min=26.5km az=55.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like Code JCJ, Code WRA, etc.

ISC 18 22:26:32.1-1.8, 19.45S-167.89E, h0km, mb3.9/4, mb1.4/2.5, mb1mx3.9/29, mbtmp3.9/5, ML3.5/1, Error ellipse: s-maj=49.4km s-min=26.7km az=128.0, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like Code DZM, Code WRA, etc.

IASPEI 18 22:38:46.6-1.0, 42.58N-0.02-19.94E-0.02, h3km, 6km, Error ellipse: s-maj=3.5km s-min=2.8km az=136.9, 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. Let.</i>, 80, 465-472, 2009

2011 JAN

CSEM 18 22:38:46.5-0.1, 42.58N-19.94E, h2km, ML2.8, Error ellipse: s-maj=2.8km s-min=2.0km az=165.0 PDG 18 22:38:46.8-0.2, 42.58N-19.93E, h2km, 1km, MD2.8/2, ML2.8/13, Error ellipse: s-maj=0.4km s-min=0.8km az=0.0 BEO 18 22:38:47.0-0.3, 42.58N-19.95E, h0km, M2.4/1 ATH 18 22:39:11.2, 41.37N-21.34E, h36km, 6km, MD3.4/6 ISC 18 22:38:46.7-0.8, 42.59N-0.02-19.95E-0.02, h3km, 5km, n105, 0:098/150, 30C-17D, Northwestern Balkan Peninsula

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like Code PVY, Code BEY, Code IVA, etc.

940

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like NVLJ, NVLJ, DRGR, DCER, etc.

PGC 18 22:52:48.1-4.2, 51.31N-130.95W, h10km, ML.SN2.8/7, Mw3.5/7, 216km Wsw of Bella Bella, Bc Queen Charlotte Islands Region, Queen Charlotte Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like Code BNB, Code BBB, Code DIB, etc.

ISC 18 22:58:02.9-4.1, 44.70S-81.20W, h0km, mb4.1/6, mb1.4/3.7, mb1mx4.0/28, mbtmp4.1/7, ML4.0/1, Error ellipse: s-maj=102.0km s-min=32.5km az=175.0, West Chile Rise

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like Code PLCA, Code LVC, Code CPUP, etc.

ISC 18 23:14:30.5-0.8, 35.88N-71.12E, h0km, mb4.1/18, mb1.4/2.22, mb1mx4.0/47, mbtmp4.1/22, ML4.3/5, Error ellipse: s-maj=17.2km s-min=14.3km az=178.0 NEIC 18 23:14:40.9-1.8, 36.15N-71.05E, h77km, 14km, mb4.7/13, Error ellipse: s-maj=15.7km s-min=8.8km az=180.0 BJI 18 23:14:42.3, 36.49N-71.05E, h81km, mb4.0/7, Ms4.2/2 WOSC/B 18 23:14:42.0-0.2, 36.24N-0.02-71.31E-0.04, h114km, mb4.1/31, Error ellipse: s-maj=4.4km s-min=3.3km az=174.5

MOS 18 23:14:42.5-1.1, 36.31N-71.17E, h99km, mb4.1/21, Error ellipse: s-maj=12.0km s-min=6.5km az=90.7 NNC 18 23:14:45.6-5.3, 36.62N-70.71E, h126km=66km, mb4.0, mpv5.0, Error ellipse: s-maj=42.5km s-min=37.0km az=25.0

ISC 18 23:14:44.3-0.5, 36.23N-0.05-71.36E-0.06, h114km, n138, -1:877/129, mb4.1/31, 19C-12D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Includes stations like Code KBL, Code CHCP, Code THW, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like KUDL, PDGK, AJJM, GEYT, OTUK, MAKZ, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like NBO02, TIXI, KEST, TOA1, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like IENR, ALDR, NLYR, UKT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COAL Corum-Alaca, BNN Bunyan, KONT Konya-Tatoy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BALB Balikesir, BALB Balikesir, BALLY Balya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAKRA Makrakomi, MAKRA Makrakomi, AGG Agios Georgios, etc.

DDA 18 23:38:45.9, 37.87N; 29.18E, h7km, Md2.8
CSEM 18 23:38:46.6, 0.2, 37.90N; 29.16E, h2km, MD2.9, Error
ellipse: s-maj=5.3km s-min=4.4km az=107.0

ISC 18 23:38:46.0, 37.91N; 29.08E, h5km, MD2.9
ISC 18 23:38:46.2, 1.1, 37.89N; 0.02, 29.15E; 0.02, h5km, 10km, n36, c072/49, Turkey

BUC 19 00:17:05.7, 0.8, 45.70N; 21.23E, h12km, 5km, MD2.4/4, 10C-4D, Error ellipse: s-maj=7.3km s-min=4.9km az=115.0, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DENT Denizli, KHL Karahalli, KHAL Karahalli, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BALB Balikesir, BALLY Balya, GONE Genen-Balikesi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAKRA Makrakomi, AGG Agios Georgios, ANX Ano Chora, etc.

IDC 18 23:42:24.9, 0.9, 27.03N; 140.33E, h405km, 14km, mb2.8/5, mb1 3.0/5, mb1mx2.6/5, mbtmp3.5/5, Error ellipse: s-maj=39.7km s-min=21.3km az=81.0

JMA 18 23:42:27.1, 0.3, 27.27N; 140.39E, h400km, M4.0, Error ellipse: s-maj=39.7km s-min=21.3km az=81.0

IDC 19 00:20:15.1, 0.9, 15.34N; 119.69E, h0km, mb3.7/8, mb1 3.8/8, mb1mx3.6/5, mbtmp3.7/8, Error ellipse: s-maj=45.0km s-min=17.8km az=64.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CSEM 19 00:16:02.3, 0.2, 39.87N; 20.88E, h2km, ML2.2, Error ellipse: s-maj=4.4km s-min=3.3km az=121.0

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

IDC 18 23:52:48.9, 3.7, 3.95S; 129.29E, h108km, 43km, mb3.6/3, mb1 3.8/6, mb1mx3.4/45, mbtmp4.1/6, Error ellipse: s-maj=52.3km s-min=16.4km az=88.0

ATH 19 00:16:02.5, 39.85N; 20.89E, h9km, 2km, MD3.1/4, Error ellipse: s-maj=2.4km s-min=0.7km az=307.0

IDC 19 00:33:51.1, 1.60S; 77.82W, h20km, 3km, M4.2, Error ellipse: s-maj=3.3km s-min=2.0km az=45.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNDI Bandanaira, MSAI Masohi, KRAI Karang Ratu, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ULBA Ulba, BULB Ulba Tungurahua, BRUN Tungurahua Vol, etc.

ISCJB 18 23:52:49.0, 0.5, 4.11S; 0.04, 129.56E; 0.05, h100km, mb3.4/2, Error ellipse: s-maj=6.8km s-min=5.6km az=173.8

DJA 18 23:52:54.2, 0.7, 4.5S; 12.9E, h104km, 6km, M3.9/9, Mlv3.9/9, Error ellipse: s-maj=1.8km s-min=1.4km az=80.0

ISC 19 00:06:53.7, 0.4, 39.78N; 0.02, 27.81E; 0.03, h2km, 4km, Error ellipse: s-maj=3.8km s-min=3.2km az=167.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TERV Terraza Guagua, PINO Pino, CAYA Cayambe, etc.

ISCJB 19 00:39:27.3r.1.1.57.0S:0.2:142.4W:0.3, h10km, mb4.1/4, MS4.7/14, Error ellipse: s-maj=36.1km s-min=19.7km az=24.1

ISC 19 00:39:27.0.4.0.56:44S:142.38W, h0km, mb4.2/4, mb1.4/24, mb1mx4.0/31, mbtmp4.2/4, MS4.6/14, MS1.4/14, ms4.0/30, Error ellipse: s-maj=110.8km s-min=22.8km az=176.0

ISC 19 00:39:29.0.9.57:0S:0.3:142.3W:0.2, h10km, n41, r1543/13, mb4.2/4, MS4.7/14, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Vnda Vanda, RPZ Rata Peaks, URZ Urewha, etc.

Table with columns: KEST Kesra, ZALV Zalesovo Beam, ZALV ZALV. Includes station codes and coordinates.

IDC 19 00:47:59.2.0.7.15:07N:119.21E, h0km, mb4.0/17, mb1.4/18, mb1mx3.9/46, mbtmp3.9/18, ML4.2/1, MS4.0/3, Ms1.4/0.3, ms1mx3.2/47, Error ellipse: s-maj=24.6km s-min=15.7km az=66.0

ISCJB 19 00:48:02.0.7.0.3, 15:07N:119.27E:0.06, h39km, mb4.2/26, MS4.2/22, Error ellipse: s-maj=8.8km s-min=6.6km az=154.3

NEIC 19 00:48:04.1.0.3, 15:05N:119.63W, h35km, mb4.8/10, Error ellipse: s-maj=9.6km s-min=6.5km az=65.0

ISC 19 00:48:04.5.0.6, 15:07N:119.41E:0.07, h39km, n53, r1513/52, mb4.1/26, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SZP Santa, SBUM Sibiu, CM01 Chiang Mai Arr, etc.

JMA 19 00:48:09.2.34:01N-133:78E, h4km, n3.6, 5C-7D Broadband plane solution: P waves, MP3.1

Principal axes: T P1g0.0000°, Azm282.0000°; N P1g87.0000°, Azm12.0000°; P1g3.0000°, Azm192.0000°; Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMN Monobe, JMS Sakaide, JAI Aioi, etc.

Table with columns: BDRM Kayabasi, BDRM Kayabasi, BDRM Milas, etc. Includes station codes and coordinates.

ISCJB 19 01:06:56.7.0.4.2:0.62S:0.04:69.22W:0.08, h114km, 4km, mb3.8/8, Error ellipse: s-maj=12.1km s-min=5.7km az=174.9

GUC 19 01:06:57.1.0.5, 2:07S:69.26W, h108km, 3km, ML4.5, IDC 19 01:06:58.4.1.2, 2:06:55:69.13W, h117km, 15km, mb3.5/9, mb1.3/8/11, mb1mx3.6/36, mbtmp4.0/11, Error ellipse: s-maj=21.8km s-min=15.2km az=102.0

ISC 19 01:06:57.5.0.2:0.62S:0.04:69.24W:0.08, h108km, 7km, n22, r1518/32, mb3.9/8, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB01 IPOC Station P, HMBC Humberstone, etc.

CSEM 19 01:14:52.6.0.3, 33:75N:35:72E, h12km, ML1.2, Error ellipse: s-maj=7.8km s-min=4.6km az=88.0

NSCC 19 01:14:52.9.1.4, 33:75N:35:72E, h12km, 6km, ML1.2, ISCJB 19 01:14:53.0.0.3, 33:76N:0.03:35:73E:0.07, h14km, 6km, Error ellipse: s-maj=10.4km s-min=4.7km az=175.9

GRAL 19 01:14:53.0.0.3, 33:77N:35:79E, h1km, 7km, MD2.6, ISC 19 01:14:52.7.0.9, 33:76N:0.03:35:73E:0.03, h14km, 7km, n16, r063/30, Jordan-Vityaz region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DQRL Deir Qamar, BHL Bhannes, etc.

Table with columns: CAIG, EI Cayaco, 1.13 180 i P, Pn, 02 44 12.7 -1.2, etc.

ISCJB 19 02:48:36.8,0.5,56:39N,0.04:152:47W,0.05,h22km, mb4.1/25, Error ellipse: s-maj=6.2km s-min=4.0km az=166.3

IDC 19 02:48:37.0,0.8,56:47N:153:01W,h0km,mb4.0/17, mb1.4/219,mb1mx4.0/51,mbtmp4.0/19,ML4.0/2,MS5.5/1, Ms1.3/6.1,ms1mx2.8/41, Error ellipse: s-maj=7.9km s-min=14.0km az=53.0

NEIC 19 02:48:38.9,56:31N:152:62W,h23km,mb4.3/9, ML3.9(AE/C),After AE/C

ISC 19 02:48:40.1,0.6,56:49N,0.05:152:71W,0.04,h22km,n91, c=134/97,mb4.3/25,Kodiak Island region

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

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

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

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

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

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

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

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

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

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

ESDC Sonseca Array 80.61 24 P P, 03 00 51.9 +1.2, BRTR Keskin Array B 84.00 355 P P, 03 01 08.8 +0.2

DHMR 19 03:00:49.0,1.1,11:39N:43:82E,h10km,16km,ML3.5, Ethiopia

DHMR 19 03:08:50.3,0.9,11:39N:43:93E,h17km,12km,ML3.6, Ethiopia

WEL 19 03:11:06.3,0.3,38:01S:176:38E,h145km,2km,ML3.6/6, 9C-4D, Error ellipse: s-maj=2.7km s-min=2.1km az=90.0, North Island

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

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

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

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

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

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

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

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

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

MAT Ichinoseki 7.45 352 eS, JMK JMK 31.82 311 P, SONM Songoing Array 31.82 311 P

ZALV Zalesovo Beam 46.37 316 P, MKAR Makanchi Array 47.93 307 P, WRA Warrungarra Arr 51.80 190 P

ASAR Alice Springs 55.52 190 P, YKA Yellowstone Arr 68.12 29 P, TXAR Yaroslavl Arr 92.73 53 P

ISC 19 03:37:33.2,38:66N:39:70E,h9km,MD2.6, DD19 03:37:34.7,38:47N:39:76E,h7km,MD2.6

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

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

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

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

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

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

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

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

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

Table with columns: Country, City, Date, Time, and various performance metrics (e.g., P, M, S, MLR, MFR).

Table with columns: Country, City, Date, Time, and various performance metrics (e.g., P, M, S, MLR, MFR).

Table with columns: Country, City, Date, Time, and various performance metrics (e.g., P, M, S, MLR, MFR).

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ANX, LAKA, OHR, ARCES, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CLL, CLL, MDJ, MDJ, TPTI, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DAV, DAV, PBRG, PBRG, TAM, TAM, MVO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like C38A Sawbill Land, AGMW Agassiz Nation, NEW Newport, etc.

PRE 19:03:49:08.8 1.5, 28'39S, 20'59E, h5km, ML4.4, 1C, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UPI Upington, CVNA Calvina, KOMG Komaggas, etc.

ISCJB 19 03:50:46.3 0.7, 40'41N, 03:32:99E, h2km, 6km, Error ellipse: s-maj=6.1km s-min=4.1km az=143.8

CSEM 19 03:50:46.2 0.2, 40'42N, 03:32:97E, h2km, MD2.6, Error ellipse: s-maj=3.9km s-min=3.0km az=146.0

DDA 19 03:50:46.1, 40'40N, 33:02E, h7km, MD2.6

ISK 19 03:50:46.1, 40'41N, 32:98E, h7km, MD2.7

ISC 19 03:50:46.1, 40'42N, 03:32:98E, h7km, 10km, n31, n0564/45, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ELDT Eldivan, CANT Cankiri, LOD Lodumlu, etc.

GULA Gulagac 2.29 154 ePn Pn 03 51 25.6 +0.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BTK Batken, ARK Arkit, TOKL Toktogul, etc.

IDC 19 03:59:58.9 3.4, 24'11S, 66'99W, h185km, 19km, mb2.6/2, mb1 3.0/5, mb1mx2.9/28, mbmt3.3/5, MS3.3/1, Ms1 3.3/1, ms1mx2.7/7, Error ellipse: s-maj=64.5km s-min=24.3km az=12.0, Salta Province

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

ISCJB 19 04:07:42.2 0.2, 30'64N, 0'02:117E, 112E, 0'02, h10km, mb4.6/92, MS3.8/4, Error ellipse: s-maj=3.0km s-min=2.9km az=162.5

IDC 19 04:07:43.1 0.6, 30'72N, 116'96E, h0km, mb4.4/31, mb1 4.4/36, mb1mx1.4/3, mb1mx4.3/61, mbmp4.3/36, ML3.5/5, MS3.4/3, Ms1 3.5/3, ms1mx3.1/43, Error ellipse: s-maj=13.6km s-min=12.7km az=20.0

BUI 19 04:07:43.3, 30'66N, 117'10E, h6km, mb4.5/43, mb4.9/38, ML4.8/25, Ms4.4/46, Ms7.4/246

NEIC 19 04:07:43.6, 30'65N, 117'10E, h10km, mb4.9/40, ML4.8(BJJ), After BUI

NEIC Feit [ilij] at Hefei. Also felt at Anqing, Chizhou, Liyang, Maoshan, Nanjing and Wuhu.

MOS 19 04:07:45.9 0.8, 30'71N, 117'00E, h33km, mb4.6/39, Error ellipse: s-maj=12.0km s-min=6.3km az=115.4

ISC 19 04:07:44.3 0.3, 30'65N, 0'03:117:14E, 0'03, h10km, n191, c1566/220, mb4.7/92, MS3.8/4, 9C-2D, Southeastern China

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NJ2 Nanjing, WHN Wuhan, SHESHAN Sheshan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like XAN comp=E,1um,8.4s, TPUB Ta-pu, YULB Yu-li, etc.

19d 4h

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations in the 19d 4h range.

2011 JAN

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations in the 2011 JAN range.

950

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for stations in the 950 range.

19d 4h

2011 JAN

954

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like P39A Salisbury, O40A La Belle, 131A Roby, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like 135A Vickers Place, X38A Whitesboro, Y37A Hug, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like KLMR, PDGK, SWET, O56A, etc.

Table with columns: RPZ, Rata Peaks, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes entries for Otahua Downs and NEIC 19 05:20:00.0, 33.96S, 72.45W, h13km, mb5.3/44.

NEIC 19 05:20:00.0, 33.96S, 72.45W, h13km, mb5.3/44, ML5.4(GUC), After GUC.

NEIC Felt (IV) at Navidad, Paredones and Pichilemu; (III) at Cartagena, Curico, El Tado, La Estrella, Las Cabras, Linares, Marchihue, Molina, Mostazal, Rancagua, Rio Claro, San Antonio, San Fernando, Santa Cruz, Santo Domingo and Talca; (II) at Chanco, Parral, Valparaiso and Vina del Mar.

GUC 19 05:20:00.0, 33.96S, 72.45W, h13km, mb5.3/44, ISCJB 19 05:20:02.1, 0.9, 33.98S, 0.03, 72.51W, 0.03, h18km, 7km, mb5.1/63, MS4.7/11, Error ellipse: s-maj=5.0km s-min=4.1km az=42.4.

BUI 19 05:20:05.4, 33.84S, 71.16W, h32km, mb5.4/24, MS5.5/18, MS7.5/2/19

IDC 19 05:20:05.5, 33.96S, 72.07W, h28km, 30km, mb4.6/20, mb1.4.6/23, mb1mx4.6/29, mbtmp4.7/23, ML4.7/13, MS4.7/13, MS1.4.7/13, ms1mx4.6/18, Error ellipse: s-maj=19.3km s-min=12.4km az=87.0.

MOS 19 05:20:05.2, 1.1, 33.97S, 71.98W, h33km, mb5.1/20, Error ellipse: s-maj=20.4km s-min=11.0km az=82.8

ISC 19 05:20:05.2, 0.6, 33.98S, 0.03, 72.59W, 0.05, h27km, 4km, mb6.7, 1805/706, mb5.2/63, MS4.8/11, 3C-5D, Off coast of central Chile

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation, Azimuth, Elevation. Includes stations like Pichilemu, Longovilo, Los Niches, Antupapu, Santiago, El Roble, Col Las Americ, Cerro Calan, Peidehue, El Yeso, Chillan, Usapallata, Salagasia, Cerro Villicu, Mogna, Cantantal, Valle Fertil, Chepes, San Martin, CERRRO LA CRUZ, Paso Flores, Paso Flores, Limon Verde, East Falkland, East Falkland, San Ignacio, Samuel, Atahualpa, Patos De Minas, Brasilia, Palmer Station, Otavalo, Pitinga, Pitinga, Chingaza, El Rosal, Burnet.

Main station list table with columns: ROSC, GUYC, YOPAL, NORCA, RUSC, HELC, BARC, DBBC, OCAC, MOTC, SDV, RCBR, RCBR, JTS, JTS, VNA3, TGUH, VNA2, SNA, SNA, ICMP, CRPR, OBIP, CELP, SJG, MPR, LRS, SDDR, CCIG, GTRY, CMIG, RKT, RKT, NVL, NVL, TLIG, MOIG, VNA, VNA, VNA, H06S1, H06E1, 035A, 034A, TIGA, 934A, 933A, 835A, 834A, 736A, RGRS, 735A, 637A, 540A, 833A, TBI, TBI, NHSC, NHSC, 832A, 734A, 636A, HKT, 733A, 635A, 438A, 540A, SLBS, 732A, 439A, GOGA, 536A, 535A, 438A, 633A, VBMS, LRAL, LPIG, 340A, 339A, 632A, 534A, HPIG, JSC, 436A, 631A, 338A, 533A, MEH, 337A, 435B, NATX, 434A.

Main station list table with columns: Riesel, Jacksonville, Moody, Rocksprings, Junction City, Junction City, Washetta, Kings Mountain, Kings Mountain, Lometa, J-C Ranch, Katherine and, Bunkhouse Ranc, Menard, TXAR, TXAR, TVO, Richland Sprin, Matatal Enter, Lake Whitney, Lake Whitney, Heron Place, Tiare, Ennis, Irene McRaven, Millersview, Oxford, Clairette, Cooper Cave, Swanee, Paperete, Paperete, PPT, TKL, 331A, 338A, 233A, 135A, 232A, 134A, 330A, Y39A, Z36A, 231A, Y38A, 133A, 230A, UALR, Z35A, MIAR, MIAR, Y37A, ABTX, ABTX, Y36A, Z34A, WVT, 131A, Z33A, Y35A, X38A, JSRW, JSRW, X37A, Z32A, UTMT, Y34A, W38A, BBTS, X36A, X36A, Z31A, Y33A, PARMO, Y32A, X34A, W36A, MNTX, MNTX, GDL2, X33A, Y38A, Y31A.

W35A	Tecumseh	72.53 339	P	P	05 31 28.9	-0.6
X32A	Elmer	72.61 337	P	P	05 31 29.6	-0.4
Y30A	Stafford Cattl	72.66 335	P	P	05 31 29.3	-1.1
V37A	Hulbert	72.72 341	P	P	05 31 30.0	-0.6
WMOK	Wichita Mounta	72.74 337	eP	P	05 31 29.7	-1.1
V36A	Jenks	72.85 340	P	P	05 31 30.6	-0.9
W34A	Bridge Creek,	72.88 338	P	P	05 31 31.2	-0.4
TUL1	Leonard	72.93 340	P	P	05 31 31.7	-0.1
TUL1	Leonard	72.93 340	eP	P	05 31 29.3	-2.5
CPRX	Cap Rock	72.98 333	eP	P	05 31 33.5	+1.0
USIN	University of	73.01 347	eP	P	05 31 31.6	-0.7
W33A	Caddo, Fort Co	73.02 338	P	P	05 31 32.6	+0.1
WCJ	Wyandotte Cave	73.03 349	eP	P	05 31 31.4	-1.0
X31A	McDonald Ranch	73.03 336	P	P	05 31 31.9	-0.6
U38A	Gravette	73.04 342	P	P	05 31 31.8	-0.8
SIUC	Southern Illin	73.06 346	eP	P	05 31 30.4	-2.2
SIUC	SIUC	73.09 339	eP	P	05 31 41.2	+0.1
V35A	Meyer Ranch, C	73.09 339	P	P	05 31 32.1	-0.7
X30A	Coker Ranch, T	73.17 336	P	P	05 31 32.6	-0.8
U37A	Salina	73.21 341	P	P	05 31 32.6	-0.9
W32A	Sentinel	73.24 337	P	P	05 31 33.1	-0.6
MAW	Mawson	73.25 164	P	P	05 31 33.9	+0.4
MAW	MAW	73.25 164	eP	P	06 06 30.3	
MAW	Mawson	73.25 164	eP	P	05 31 34.2	+0.8
T40A	Mansfield	73.25 343	P	P	05 31 32.9	-0.8
T39A	Cleaver	73.34 343	P	P	05 31 33.4	-0.9
V34A	Guthrie	73.36 339	P	P	05 31 33.8	-0.6
V34A	Guthrie	73.36 339	eP	P	05 31 34.3	-0.1
U36A	Oologah	73.36 340	P	P	05 31 33.4	-1.0
MSTX	Muleshoe	73.41 334	P	P	05 31 34.3	-0.6
MSTX	Muleshoe	73.41 334	eP	P	05 31 32.9	-2.0
W31A	Holland Ranch,	73.53 337	P	P	05 31 34.9	-0.5
V33A	Lossen Ranch,	73.58 338	P	P	05 31 35.5	-0.3
U35A	Pawnee	73.63 340	P	P	05 31 35.4	-0.6
S40A	Lebanon	73.67 343	P	P	05 31 35.1	-1.1
V32A	Arapaho	73.72 338	P	P	05 31 36.2	-0.4
W30A	Crocket Farms	73.73 336	P	P	05 31 36.0	-0.7
T37A	Cheneyville 18	73.83 341	P	P	05 31 36.9	-0.2
OLIL	Olney	73.83 347	eP	P	05 31 34.9	-2.2
AMTX	Amarillo	73.84 335	P	P	05 31 36.8	-0.6
AMTX	Amarillo	73.84 335	eP	P	05 31 37.8	+0.4
U34A	Anderson Ranch	73.92 339	P	P	05 31 37.1	-0.6
U34A	Anderson Ranch	73.92 339	eP	P	05 31 38.3	+0.6
S39A	Bolivar	73.95 343	P	P	05 31 37.2	-0.6
T36A	Boys Farm, Ca	74.03 341	P	P	05 31 38.0	-0.4
V31A	Spring Creek L	74.03 337	P	P	05 31 38.0	-0.4
S38A	Stockton	74.04 342	P	P	05 31 37.2	-1.2
T35A	Sooner Cattle	74.07 340	P	P	05 31 37.8	-0.7
U33A	Lingo Farm, Me	74.09 339	P	P	05 31 38.1	-0.6
O56A	Blue Knob Stat	74.12 355	P	P	05 31 37.5	-1.3
121A	Cookes Peak, D	74.12 329	P	P	05 31 38.7	-0.6
121A	Cookes Peak, D	74.12 329	eP	P	05 31 39.9	+0.7
R40A	Maddies Statio	74.27 344	P	P	05 31 38.5	-1.2
V30A	Spur Ranch, Mi	74.30 336	P	P	05 31 39.7	-0.3
U32A	Winter Ranch,	74.32 338	P	P	05 31 39.8	-0.3
T34A	McClaskey Farm	74.36 340	P	P	05 31 39.8	-0.5
S37A	Fort Scott	74.40 342	P	P	05 31 39.8	-0.7
R39A	Chumby, Stover	74.48 343	P	P	05 31 39.9	-1.0
ACSO	Alum Creek Sta	74.51 352	eP	P	05 31 40.7	-0.4
R38A	Fenwick Farm,	74.57 342	P	P	05 31 40.5	-1.0
S36A	Lake Cedric, C	74.57 341	P	P	05 31 41.0	-0.5
S35A	Otter Creek Ra	74.73 340	P	P	05 31 41.9	-0.5
T33A	Patterson Aux	74.73 339	P	P	05 31 42.1	-0.4
O40A	Laux Farm, Auc	74.90 344	P	P	05 31 42.4	-1.0
N54A	Moraine State	74.92 354	P	P	05 31 42.8	-0.6
R37A	Teagarden Farm	74.92 342	P	P	05 31 43.3	-0.2
LIC	Lamto	74.97 72	eP	P	05 31 43.9	-0.5
S34A	Willow Spring	74.97 340	P	P	05 31 43.8	0.0
U30A	WK&E Inc. Balk	74.98 337	P	P	05 31 43.8	-0.2
SUR	Sutherland	75.02 119	eP	P	05 31 46.2	+1.5
T32A	Huddler Ranch,	75.03 338	P	P	05 31 44.2	0.0
BNM	Barren Site	75.05 331	eP	P	05 31 45.2	+0.6
BNM	Barren Site	75.05 331	eP	P	05 31 51.4	-1.7
R36A	Gordon, Harris	75.11 341	P	P	05 31 43.7	-0.8
S33A	Kaszaul Farm,	75.13 339	P	P	05 31 43.9	-0.9
Q39A	Willow Grove F	75.16 343	P	P	05 31 44.8	0.0
T31A	Randall Ranch,	75.19 338	P	P	05 31 45.2	+0.1
LPM	Los Pinos Moun	75.19 331	eP	P	05 31 46.4	+1.0
Q38A	Cooks Store, C	75.23 343	P	P	05 31 45.4	+0.2
TUC	Toumudi	75.23 71	eP	P	05 31 45.3	-0.6
TUC	Tucson	75.25 327	P	P	05 31 45.3	-0.3
TUC	Tucson	75.25 327	eP	P	05 31 46.8	+1.2
KIC	Kosan Boka	75.28 72	eP	P	05 31 45.8	-0.4
R35A	Emporia Munic	75.30 341	P	P	05 31 45.4	-0.2
Q37A	Longview Farm,	75.36 342	P	P	05 31 45.8	-0.2
DBIC	Dimbokro	75.38 71	P	P	05 31 46.2	-0.5
DBIC	DBIC	75.38 71	P	P	06 03 44.9	
P40A	Paris	75.41 344	P	P	05 31 45.3	-1.0
M54A	Oil Creek Stat	75.44 354	P	P	05 31 45.9	-0.5
LZ4	Ladron	75.47 331	eP	P	05 31 46.1	-0.9
S32A	Newby Ranch, P	75.51 338	P	P	05 31 46.7	-0.2
P39A	Salisbury	75.53 344	P	P	05 31 46.8	-0.1
R34A	Isabella, Hill	75.57 340	P	P	05 31 47.3	0.0
S31A	Mullinville	75.61 338	P	P	05 31 47.8	+0.2
ANMO	Albuquerque	75.67 332	P	P	05 31 47.3	-0.9
ANMO	Albuquerque	75.67 332	P	P	05 31 48.3	+0.2
ANMO	Albuquerque	75.67 332	eP	P	05 31 48.8	+0.6
Q36A	Hudson	75.70 342	P	P	05 31 47.6	-0.3
Q35A	Mercer Eighty,	75.76 341	P	P	05 31 48.3	0.0
T29A	Hudson	75.77 336	P	P	05 31 48.4	0.0
R33A	Olander Ranch,	75.79 339	P	P	05 31 48.3	-0.2
HDIL	Hopedale	75.82 347	eP	P	05 31 47.9	-0.7
P38A	Dawn	75.84 343	P	P	05 31 48.5	-0.2
214A	Organ Pipe Nat	75.89 325	P	P	05 31 48.9	-0.4
O40A	La Belle	75.93 345	P	P	05 31 48.9	-0.3
S30A	Montezuma	75.94 337	P	P	05 31 49.0	-0.4
P37A	Lathrop	76.01 343	P	P	05 31 49.2	-0.5
Q34A	Chapman	76.06 340	P	P	05 31 49.7	-0.3
R32A	Long Quarter,	76.11 339	P	P	05 31 49.9	-0.5
S29A	Ulysses	76.13 337	P	P	05 31 50.6	+0.1
KSU1	Kansas State U	76.14 341	P	P	05 31 50.1	-0.3
O39A	Kirkville	76.21 344	P	P	05 31 50.7	-0.1
R31A	Burdett	76.24 338	P	P	05 31 50.8	-0.2
P36A	Good Intent, A	76.25 342	P	P	05 31 51.0	-0.1
O38A	Galt	76.30 343	P	P	05 31 51.1	-0.2
S28A	Mantler	76.36 336	P	P	05 31 52.1	+0.2
P35A	Duane Minner,	76.38 341	P	P	05 31 51.4	-0.5
Q30A	Connelly Farm,	76.39 340	P	P	05 31 51.2	-0.7
R30A	Dighton	76.47 338	P	P	05 31 51.5	-0.9
O37A	Wolfen Farm, M	76.50 343	P	P	05 31 51.7	-0.8
Q32A	Meitler Ranch,	76.59 339	P	P	05 31 52.7	-0.3
P34A	Walnut Farm, R	76.62 341	P	P	05 31 52.9	-0.2
O36A	Boickow	76.67 342	P	P	05 31 53.0	-0.4
P33A	Williams Farm,	76.75 340	P	P	05 31 53.7	-0.2
CBKS	Cedar Bluff	76.78 338	P	P	05 31 53.9	-0.2
CBKS	Cedar Bluff	76.78 338	eP	P	05 31 52.4	-1.8
N39A	Derby Farms, D	76.80 344	P	P	05 31 54.2	0.0
T25A	Trinidad	76.83 334	P	P	05 31 54.4	-0.3
T25A	Trinidad	76.83 334	eP	P	05 31 55.5	+0.9
Q31A	Ellis	76.85 339	P	P	05 31 54.4	-0.1
R29A	Marienthal	76.87 337	P	P	05 31 54.3	-0.4
R28A	Tribune	77.01 337	P	P	05 31 55.5	0.0
O35A	Humboldt	77.04 342	P	P	05 31 55.2	-0.3
N37A	Lee Faris, Mou	77.08 343	P	P	05 31 55.4	-0.3
Q30A	Quinter	77.08 338	P	P	05 31 55.5	-0.4
W18A	Petrified Fore	77.17 329	P	P	05 31 56.3	-0.3
W18A	Petrified Fore	77.17 329	eP	P	05 31 57.4	+0.8
O34A	Beatrice	77.17 341	P	P	05 31 56.2	-0.1
P32A	Huiting Farm,	77.19 339	P	P	05 31 55.9	-0.5
Q29A	Oakley	77.24 337	P	P	05 31 56.5	-0.3
N36A	Muff Ranch, Cla	77.32 343	P	P	05 31 56.9	-0.2
O33A	Hebron	77.32 340	P	P	05 31 56.8	-0.3
P31A	Stockton	77.32 339	P	P	05 31 56.6	-0.6
M38A	Pleasantville	77.47 344	P	P	05 31 57.2	-0.7
N35A	Tabor	77.53 342	P	P	05 31 57.3	-0.9
P30A	Selden	77.61 338	P	P	05 31 58.1	-0.7
M37A	Trindle Farm,	77.65 343	P	P	05 31 58.0	-0.9
Q28A	Sharon Springs	77.67 337	P	P	05 31 57.8	-1.4
SDCO	Great Sand Dun	77.77 334	P	P	05 31 58.4	-1.6
SDCO	Great Sand Dun	77.77 334	eP	P	05 32 00.1	+0.1
M36A	Felix, Anita	77.88 343	P	P	05 31 58.8	-1.4
KSCO	Kaye Shedlock'	77.89 336	P	P	05 31 58.3	-2.2
KSCO	Kaye Shedlock'	77.89 336	eP	P	05 32 01.1	+0.6
P28A	Saint Francis	78.11 337	P	P	05 32 00.7	-0.9
O30A	MW Ranch, Wils	78.13 339	P	P	05 32 01.1	-0.6
WUAZ	Wupatki	78.21 328	P	P	05 32 01.3	-1.1
WUAZ	Wupatki	78.21 328	eP	P	05 32 03.7	+1.3
L37A	Phoenix Point,	78.27 344	P	P	05 32 01.4	-0.9
S22A	4UR Ranch, Cre	78.27 333	P	P	05 32 01.3	-1.5
S22A	4					

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like K22A Casper, I26A New Underwood, H28A Mission Ridge, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like N02D Trinity Center, M04C Macdoel, M02C Callan, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like AAK SNR=9.6, AAK Ala-Archa, AAK Ala-Archa, etc.

IDC 19 05:23:36.5z, 2.9, 30, 125x138.63E, h0km, mb1 3.0/3, mb1mx3.0/2.3, mbmtmp.2/8/3, ML2.3/2, Error ellipse: s-maj=74.2km s-min=15.0km a-z=46.0, South Australia

Table with columns: STKA, 0.4nm, 0.3s, baz=308, slow=17, SNR=2.8, Pg, Pn, 05 24 33.2 +0.9

ISCJB 19 05:24:56.4-0.2, 2.64S:0.05:68.92W, 0.08, h117km, 6km, mb4.0/2, Error ellipse: s-maj=12.3km s-min=9.0km az=179.2

GUC 19 05:24:57.0-1.0, 6.22:63S:68.97W, h111km, 5km, ML4.2, 19 05:24:57.5-1.1, 22.70S:69.53W, h195km, 10km, mb4.0/3, mb1 3.9/5, mb1mx3.5/29, mbtmp4.3/5, Error ellipse: s-maj=58.1km s-min=35.3km az=131.0

ISC 19 05:24:57.2-0.1, 22.58S:0.06:68.90W, 0.08, h110km, 8km, n14, e1568/23, 1C, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, LVC, Limon Verde, 0.04 199 P, Op, ISC, h m s, 05 25 12.9 +0.1

GUC 19 05:27:46.2-0.6, 33.95S:72.52W, h22km, 7km, ML3.9, 19 05:27:47.5-1.5, 33.92S:72.03W, h0km, mb3.7/2, mb1 3.9/4, mb1mx3.7/26, mbtmp3.7/4, ML3.4/2, Error ellipse: s-maj=63.4km s-min=33.7km az=76.0

ISC 19 05:27:49.7-1.0, 33.97S:0.05:72.21W, 0.07, h17km, n13, e085/17, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, CHPI, Pichilemu, 0.45 158 P, Op, ISC, h m s, 05 27 58.4 -0.5

ISC 19 05:47:13.2-3.1, 2.66S:99.94E, h0km, mb3.5/7, mb1 3.7/7, mb1 mx3.5/45, mbtmp3.5/7, Error ellipse: s-maj=128.9km s-min=21.9km az=56.0

ISCJB 19 05:47:15.4-2.4, 2.6S:99.94E, 0.6, h30km, mb3.5/6, Error ellipse: s-maj=95.1km s-min=16.0km az=147.1

ISC 19 05:47:17.8-2.7, 2.6S:0.4:100.0E, 0.6, h30km, n17, e040/8, mb3.5/6, Southern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, CMAR, Chiang Mai Arr, 20.96 357 P, Op, ISC, h m s, 05 51 58.2 -0.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WRA, Warramunga Arr, 23.54 149 P, Op, ISC, h m s, 06 15 42.7 +1.0

WEL 19 06:12:17.7-0.2, 38.08S:176.13E, h139km, 2km, ML3.6/7, 2C-3D, Error ellipse: s-maj=2.3km s-min=2.3km az=0.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, MRHZ, Matea Rd, 0.78 164 P, Op, ISC, h m s, 06 12 38.5 +1.2

MAN 19 06:16:09, 10.27N:125.97E, h24km, mb4.3, ML3.1, MS2.9, 3D, Leyte

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, SCPH, Surigao, 0.68 225/1 P, Op, ISC, h m s, 06 16 22.8 -0.3

ISCJB 19 06:16:17.5-1.3, 4.9S:0.2:154.0E, 0.2, h105km, mb3.4/6, Error ellipse: s-maj=35.1km s-min=13.9km az=40.9

ISC 19 06:16:19.3-1.5, 4.9S:0.2:154.0E, 0.2, h105km, n8, e029/9, mb3.5/6, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, PMG, Fort Moresby, 8.13 236 P, Op, ISC, h m s, 06 18 14.2 -0.4

Table with columns: KK31, 1.1nm, 0.3s, Karatay Array, 6.36 9 P, Pn, 06 28 29.2 +1.3

DHMR 19 06:29:15.6-1.5, 11.39N:43.90E, h13km, 117km, ML3.6, Ethiopia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ADEN, Aden, 1.32 53 P, Op, ISC, h m s, 06 29 39.8 +0.1

MEX 19 06:35:06.6-0.5, 14.37N:92.39W, h55km, 24km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, PCIG, Comitan, 1.56 329 P, Op, ISC, h m s, 06 35 30.5 -1.4

NEIC 19 06:41:58.8, 40.14S:176.58E, h33km, ML4.3(WEL), After WEL

NEIC Felt in Hawke's Bay, 19 06:41:59.1-0.1, 40.09S:176.47E, h31km, 1km, ML4.2/5/1, Error ellipse: s-maj=5.1km s-min=0.9km az=90.0, maximum reported intensity MM 5

WEL Felt from Bay of Plenty to Wairarapa, and from Whanganui to Hawke's Bay, 19 06:42:02.5-1.2, 38.76S:175.36E, h0km, mb3.9/2, mb1 4.2/3, mb1mx3.9/20, mbtmp4.0/3, ML4.1/1, Error ellipse: s-maj=15.2km s-min=13.2km az=165.0

ISC 19 06:41:58.2, 0.8, 40.09S:102.17E, 0.02, h31km, 5km, n203, e1901/209, 15C-19D, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, WPHZ, Waipukurau, 0.04 316 P, Op, ISC, h m s, 06 42 03.2 -0.2

MAN 19 06:16:09, 10.27N:125.97E, h24km, mb4.3, ML3.1, MS2.9, 3D, Leyte

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, SCPH, Surigao, 0.68 225/1 P, Op, ISC, h m s, 06 16 22.8 -0.3

ISCJB 19 06:16:17.5-1.3, 4.9S:0.2:154.0E, 0.2, h105km, mb3.4/6, Error ellipse: s-maj=35.1km s-min=13.9km az=40.9

ISC 19 06:16:19.3-1.5, 4.9S:0.2:154.0E, 0.2, h105km, n8, e029/9, mb3.5/6, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, PMG, Fort Moresby, 8.13 236 P, Op, ISC, h m s, 06 18 14.2 -0.4

C35A	Jirik Farms, M	82.82	332	P	P	09 30 13.0	-0.8
B33A	Robert and Kas	82.88	333	P	P	09 30 13.3	-0.8
AGMN	Agassiz Nation	82.95	334	P	P	09 30 14.0	-0.4
AGMN	Agassiz Nation	82.95	334	eP	P	09 30 14.7	+0.2
D36A	Goodland	82.98	334	P	P	09 30 13.8	-0.8
B32A	Ashes, Strandq	83.09	331	P	P	09 30 14.5	-0.7
A30A	Hoffart Farm	83.17	335	P	P	09 30 14.9	-0.7
C34A	RKJ Ranch, Bem	83.19	333	P	P	09 30 14.9	-0.8
E37A	Wrenshall	83.22	331	P	P	09 30 15.5	-0.4
D35A	Remer	83.38	332	P	P	09 30 16.1	-0.6
C33A	Trail	83.39	333	P	P	09 30 16.3	-0.5
B31A	Greenbush Farm	83.42	335	P	P	09 30 16.1	-0.8
A29A	Manning Farm	83.47	336	P	P	09 30 16.9	-0.2
E36A	McGregor	83.58	331	P	P	09 30 17.3	-0.4
C32A	Crookston	83.58	334	P	P	09 30 17.0	-0.7
B30A	Myrvik Farm, E	83.61	335	P	P	09 30 17.2	-0.7
D34A	Park Rapids	83.77	333	P	P	09 30 18.0	-0.7
KAPI	Kappang	83.79	102	eP	P	09 30 18.9	-0.3
A28A	Rude Farm, Bot	83.80	333	P	P	09 30 18.5	-0.4
B29A	Wagenman Farm,	83.92	336	P	P	09 30 19.0	-0.5
D33A	AnnSam	83.95	333	P	P	09 30 19.0	-0.6
E35A	Pequot Lakes	83.95	332	P	P	09 30 19.1	-0.6
JSRW	J. Sargeant Re	83.97	317	eP	P	09 30 20.4	+0.5
C31A	Landmar, Waubun	84.00	334	P	P	09 30 19.0	-0.8
F36A	Milaca	84.23	331	P	P	09 30 20.3	-0.8
B28A	Dugan Farm, T	84.24	336	P	P	09 30 20.5	-0.6
E34A	Wadena	84.26	332	P	P	09 30 20.8	-0.5
C30A	Mose, Pekin	84.32	335	P	P	09 30 21.2	-0.4
A26A	Wade Farm, Ken	84.33	337	P	P	09 30 21.3	-0.3
D32A	Dogwood Acres,	84.34	334	P	P	09 30 20.7	-0.9
ACSO	Alum Creek Sta	84.50	321	eP	P	09 30 22.6	+0.1
SPMN	Marine on St.	84.51	330	P	P	09 30 22.1	-0.4
SPMN	Marine on St.	84.51	330	eP	P	09 30 22.9	+0.4
MDND	Maddock	84.54	336	P	P	09 30 21.9	-0.7
B27A	Peters Farms,	84.55	337	P	P	09 30 21.3	-1.4
E33A	Westby DABS, E	84.56	333	P	P	09 30 22.1	-0.6
A25A	Svangstu Ranch	84.59	338	P	P	09 30 22.1	-0.8
F35A	Swanville	84.61	332	P	P	09 30 21.9	-1.1
D31A	McClaffin, Tow	84.65	334	P	P	09 30 22.2	-1.0
E32A	Braaten, Kindr	84.84	333	P	P	09 30 23.2	-0.9
B26A	Jensen Ranch,	84.85	337	P	P	09 30 23.8	-0.4
G36A	St. Michael	84.85	331	P	P	09 30 23.9	-0.3
C28A	Hausauer Farms	84.90	336	P	P	09 30 23.2	-1.2
F34A	Alexandria	84.91	332	P	P	09 30 23.6	-1.0
D30A	Buchanan	84.93	335	P	P	09 30 24.3	-0.4
H37A	Dierke Farm, C	85.10	330	P	P	09 30 25.1	-0.4
G35A	Watkins	85.13	331	P	P	09 30 24.9	-0.7
E31A	Norne	85.14	334	P	P	09 30 25.1	-0.6
B25A	Knox Farm, Ray	85.21	338	P	P	09 30 25.2	-0.8
F33A	5 Mile Ranch,	85.23	333	P	P	09 30 25.8	-0.3
C27A	Saylor Ranch,	85.24	337	P	P	09 30 24.9	-1.3
D29A	Pettibone, Tap	85.24	335	P	P	09 30 25.3	-0.9
C26A	Wahner Farm, P	85.31	337	P	P	09 30 25.8	-0.8
DGMT	Dagmar	85.32	339	P	P	09 30 26.3	-0.3
DGMT	Dagmar	85.32	339	eP	P	09 30 27.3	+0.7
I38A	Scanlan Farm,	85.34	329	P	P	09 30 26.1	-0.6
D28A	Regan	85.42	336	P	P	09 30 25.8	-1.3
JFWS	Jewell Farm	85.47	327	eP	P	09 30 27.4	0.0
JFWS	Jewell Farm	85.47	327	eP	P	09 30 27.4	0.0
H36A	Jessenland, He	85.48	330	P	P	09 30 26.7	-0.7
F32A	Veblen	85.49	333	P	P	09 30 26.3	-1.1
E30A	Jud	85.52	334	P	P	09 30 27.0	-0.6
G34A	Benson	85.52	332	P	P	09 30 27.4	-0.2
E29A	Napoleon	85.59	335	P	P	09 30 27.7	-0.8
H35A	Sunnyside Ranc	85.71	331	P	P	09 30 28.3	-0.2
C25A	Fred Ranch, W	85.75	338	P	P	09 30 28.7	0.0
I37A	Lemond, Waseca	85.77	330	P	P	09 30 28.6	-0.2
D27A	Center	85.79	336	P	P	09 30 28.2	-0.8
G33A	Ortonville	85.84	332	P	P	09 30 28.5	-0.7
F31A	Hecla	85.87	334	P	P	09 30 28.7	-0.6
I36A	Fitzsimmons Fa	85.99	330	P	P	09 30 29.9	-0.1
J38A	Wedel Dairy, R	86.01	329	P	P	09 30 29.7	-0.3
E28A	Huff	86.02	336	P	P	09 30 29.9	-0.1
H34A	Spellman Lake,	86.07	332	P	P	09 30 30.2	-0.1
D26A	Manning	86.13	337	P	P	09 30 30.4	-0.2
F30A	Leola	86.15	334	P	P	09 30 30.2	-0.5
G32A	Webster	86.15	333	P	P	09 30 30.1	-0.6
SFIN	Lafayette	86.24	324	P	P	09 30 30.1	-1.1
D25A	Fairfield	86.28	338	P	P	09 30 30.5	-0.8
H33A	Prehn Over Nor	86.40	332	P	P	09 30 31.7	-0.3
F29A	Eureka	86.41	335	P	P	09 30 31.2	-0.8
E27A	Carson	86.41	336	P	P	09 30 31.4	-0.7
J37A	Redenius Farm,	86.43	330	P	P	09 30 31.2	-1.0
E26A	Carlson Angus	86.64	337	P	P	09 30 32.2	-0.9

I34A	Hadley	86.65	331	P	P	09 30 32.2	-1.0	
K38A	Parkersburg	86.69	329	P	P	09 30 32.5	-0.9	
F28A	McClain	86.70	335	P	P	09 30 32.4	-1.0	
J36A	Seneca 1, Swea	86.71	330	P	P	09 30 32.6	-0.8	
H32A	Carlson Farm,	86.79	333	P	P	09 30 32.9	-1.0	
G30A	Faulkton	86.81	334	P	P	09 30 32.9	-1.1	
E25A	Miller Ranch,	86.89	337	P	P	09 30 33.6	-0.8	
K37A	Beimond	86.92	329	P	P	09 30 33.4	-1.2	
I33A	Coleman	86.97	332	P	P	09 30 33.3	-1.5	
J35A	Milford	86.99	331	P	P	09 30 33.4	-1.5	
G29A	Hoven	87.01	335	P	P	09 30 33.6	-1.4	
WALA	Waterton Lakes	87.04	345	eP	P	09 30 34.7	-0.5	
HDIL	Hopedale	87.05	325	eP	P	09 30 35.6	+0.5	
F27A	Lemmon	87.05	336	P	P	09 30 34.4	-0.8	
EGMT	Eagleton	87.13	342	P	P	09 30 34.3	-1.2	
EGMT	Eagleton	87.13	342	eP	P	09 30 36.0	+0.4	
EGMT	H31A	Wolsey	87.17	333	eP	P	09 30 34.8	-0.9
ECSD	EROS Data Cent	87.18	332	P	P	09 30 34.9	-0.9	
ECSD	EROS Data Cent	87.18	332	eP	P	09 30 36.1	+0.3	
I32A	Oak Wood Farm,	87.20	329	P	P	09 30 35.0	-0.9	
L38A	Karley and Nic	87.22	332	P	P	09 30 35.9	-1.0	
F26A	Lodgepole	87.27	337	P	P	09 30 35.0	-1.2	
J34A	Dev	87.34	331	P	P	09 30 35.7	-0.8	
K36A	Gilmore City	87.34	330	P	P	09 30 35.6	-0.9	
SUSD	Miller	87.36	334	P	P	09 30 35.8	-0.9	
G28A	Parade	87.43	335	P	P	09 30 36.0	-1.0	
F25A	Bowman	87.43	337	P	P	09 30 36.0	-1.1	
G27A	Dupree	87.47	336	P	P	09 30 36.3	-0.9	
SCIA	State Center	87.50	329	eP	P	09 30 37.4	+0.1	
L37A	Phoenix Point,	87.52	329	P	P	09 30 36.3	-1.2	
K35A	Storm Lake	87.56	330	P	P	09 30 36.6	-1.1	
I31A	Roze, Wessing	87.58	333	P	P	09 30 36.8	-1.0	
H29A	Onida	87.61	334	P	P	09 30 36.6	-1.2	
J33A	David	87.67	332	P	P	09 30 37.7	-0.5	
KM3C	Kings Mountain	87.71	317	P	P	09 30 37.5	-1.0	
G26A	Maurine	87.75	336	P	P	09 30 37.6	-0.9	
H28A	Mission Ridge	87.82	335	P	P	09 30 38.1	-0.8	
L36A	Harm Buss Farm	87.89	330	P	P	09 30 38.4	-0.8	
K34A	Le Mars	87.91	331	P	P	09 30 38.6	-0.7	
M38A	Pleasantville	87.91	328	P	P	09 30 38.5	-0.8	
J32A	Parke	87.93	332	P	P	09 30 38.3	-1.1	
I30A	Oacoma	87.98	334	P	P	09 30 38.5	-1.1	
OLIL	Olney	88.03	324	eP	P	09 30 39.9	-0.1	
G25A	Newell	88.08	337	P	P	09 30 39.7	-0.4	
I29A	Vivian Onida	88.17	334	P	P	09 30 40.4	-0.1	
H27A	Howes	88.19	336	P	P	09 30 40.3	-0.3	
L35A	Bielow Farm, R	88.20	330	P	P	09 30 39.6	-1.1	
M37A	Trindle Farm,	88.25	329	P	P	09 30 40.1	-0.8	
J31A	Geddes	88.31	333	P	P	09 30 40.1	-1.1	
BSMT	Basoo Peak	88.37	345	eP	P	09 30 41.9	+0.2	
JTMT	Jette	88.37	345	eP	P	09 30 41.9	+0.3	
NEW	Newport	88.40	347	P	P	09 30 42.0	+0.5	
NEW	Newport	88.40	347	P	P	09 30 40.6	-1.0	
H26A	Fairpoint	88.41	336	P	P	09 30 40.9	-0.8	
N38A	Joes South For	88.46	328	P	P	09 30 41.2	-0.7	
I28A	Midland	88.47	335	P	P	09 30 41.5	-0.5	
USIN	University of	88.47	323	eP	P	09 30 42.1	+0.1	
O40A	La Belle	88.48	327	P	P	09 30 41.3	-0.8	
M36A	Felix, Anita	88.50	329	P	P	09 30 41.3	-0.8	
J30A	Dallas	88.53	333	P	P	09 30 41.4	-0.9	
SWMT	Swartz Lake	88.54	344	eP	P	09 30 42.6	+0.3	
K32A	Verdigre	88.60	332	P	P	09 30 41.7	-0.9	
L34A	Svensden Farm,	88.64	331	P	P	09 30 41.5	-1.2	
O39A	Kirkville	88.64	327	P	P	09 30 42.2	-0.6	
H25A	Fruittdale	88.66	337	P	P	09 30 42.4	-0.5	
I27A	Quinn	88.69	335	P	P	09 30 42.5		

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PHWY Pilot Hill, T37A Cheneyville 18, S35A Otter Creek Ra, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Y33A Hilltop Ranch, MSU Marysvale, Y32A R-V Farms, Ver, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BTKR Kislodovsk, KIV Kislodovsk, DGRG David-gareji, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SOC comp=Z,536nm,6.0s, SOC comp=Z,167nm,1.8s, etc.

IDC 19 09:30:16.5:3.1,53:63N:87.78E, h0km, mb1 3.1/2, mbl1mx2.9/48, mbtmp3.1/2, ML2.6/2, Error ellipse: s-maj=28.7km s-min=16.9km az=52.0, Southwestern

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase ID Error, Time, Residual, and other technical details. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

YARS 19 09:30:18.8:4.9, 70.7N:02:142.5E:0.3, h10km, Near north coast of eastern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase ID Error, Time, Residual, and other technical details. Includes stations like DEPR Deputatskiy, DEPR comp=Z,5.0nm,0.3s, etc.

IDC 19 09:34:17.6:2.3, 54:20N:86.09E, h0km, mb1 3.3/2, mbl1mx3.0/47, mbtmp3.3/2, ML3.1/2, Error ellipse: s-maj=17.7km s-min=10.7km az=57.0, Southwestern

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase ID Error, Time, Residual, and other technical details. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

TIF 19 09:34:56.4, 41:92N:42:72E, h13km, 1km MOS 19 09:34:56.4:0.5, 41:87N:42:62E, h6km, mb4.4/1, Error ellipse: s-maj=13.0km s-min=6.4km az=67.4

CSEM 19 09:34:57.5:0.2, 41:92N:42:53E, h18km, ML3.4, Error ellipse: s-maj=5.7km s-min=3.3km az=123.0

DDA 19 09:34:59.1, 41:79N:42:68E, h7km, ML3.4, n45, c0864/67, 4C-1D, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase ID Error, Time, Residual, and other technical details. Includes stations like EPOS Posof, EPOS Posof, AKH Akhalkalaki, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EAK Akyaka, LACR Lac, KORR Kora, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CEME Cevo, HCY Herceg Novi, STON Ston, etc.

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

THE 19 09:35:44.9, 37.91N, 20.50E, h1km, 5km, ML2.3, Error ellipse: s-maj=3.3km s-min=1.1km az=238.0

ISCJB 19 09:35:45.6, 1.3, 37.99N, 0.04, 20.50E, 0.08, h7km, 5km, Error ellipse: s-maj=10.9km s-min=6.1km az=154.0

CSEM 19 09:35:46.0, 0.5, 38.05N, 20.50E, h10km, MD3.3, Error ellipse: s-maj=10.6km s-min=5.0km az=57.0

ATH 19 09:35:47.5, 38.10N, 20.58E, h5km, 3km, MD3.3/7

ISC 19 09:35:46.9, 1.3, 38.00N, 0.03, 20.55E, 0.05, h10km, 6km, n45, r1515/66, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VLS Valsamata, KFL Anninata, PDO Prodromos, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SELS Selova, BLY Banja Luka, FRUS Fruska Gora, etc.

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

IGQ 19 09:39:59.2, 82S, 80.48W, h12km, 6km, Mb4.1, 1C-3D, Error ellipse: s-maj=3.2km s-min=6.1km az=54.7, Near coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IGUA Iguatala, BMAS Triglat station, ARRY Arrayan, etc.

CSEM 19 09:44:57.8, 0.2, 67.18N, 20.68E, h0km, 1km, ML2.1, Error ellipse: s-maj=4.6km s-min=3.3km az=88.0, Mining explosion.

HEL 19 09:44:58.6, 0.1, 67.16N, 20.67E, h0km, ML1.5, ML2.1 (UPP), Explosion

UPP 19 09:44:58.0, 0.1, 67.17N, 20.58E, h0km, ML2.1, Suspected explosion, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DUNU Dundet, MASU Masugnsbyrn, MASU Masugnsbyrn, etc.

NSSC 19 09:38:25.8, 1.4, 34.42N, 36.85E, h0km, 5km, ML2.9

CSEM 19 09:38:26.3, 0.4, 34.38N, 36.63E, h5km, ML2.9, Error ellipse: s-maj=11.6km s-min=4.1km az=116.0

GRAL 19 09:38:27.3, 0.3, 34.29N, 36.68E, h0km, 11km, MD2.9

ISC 19 09:38:25.7, 1.2, 34.39N, 0.02, 36.67E, 0.04, h3km, 10km, n31, r1504/55, Jordan-Syria region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HAWK Hawek, HWQ Hawqa, BHL Bhanes, etc.

ISCJB 19 09:37:10.2, 0.4, 43.20N, 0.02, 18.71E, 0.03, h0km, 2km, Error ellipse: s-maj=3.5km s-min=2.8km az=39.4

CSEM 19 09:37:10.8, 0.2, 43.17N, 18.73E, h2km, ML3.0, Error ellipse: s-maj=3.8km s-min=3.1km az=89.0

PDG 19 09:37:10.9, 0.2, 43.17N, 18.72E, h11km, MD3.1/5, ML3.0/10, Error ellipse: s-maj=0.3km s-min=0.5km az=0.0

BEQ 19 09:37:11.4, 0.3, 43.15N, 18.70E, h6km, 2km, ML2.9/1

ISC 19 09:37:11.1, 0.9, 43.17N, 0.02, 18.72E, 0.02, h8km, 7km, n86, r092/129, 24C-31D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UPM Unac-Piva, UPM Unac-Piva, UPM Unac-Piva, etc.

CSEM 19 09:49:33.6, 0.2, 41.92N, 42.68E, h2km, MD2.8, Error ellipse: s-maj=5.3km s-min=2.5km az=120.0

TIF 19 09:49:33.0, 41.95N, 42.67E, h17km

MOS 19 09:49:34.7, 0.9, 41.90N, 42.75E, h11km, mb4.0/1, Error ellipse: s-maj=13.1km s-min=6.5km az=66.7

DDA 19 09:49:41.0, 41.35N, 42.62E, h8km, MD2.8

ISC 19 09:49:33.5, 1.1, 41.92N, 0.02, 42.68E, 0.03, h7km, 10km, Error ellipse: s-maj=13.1km s-min=6.5km az=66.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Posof, Akhalkalaki, Artvin, Borcka, Bademkaya, etc.

IDC 19 09:50:49.4:3.1, 53.60N, 87.86E, h0km, mb1 2.8/2, mb1mx2.8/6.0, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=26.0km s-min=17.6km az=49.0, Southwestern Siberia

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

TIF 19 09:51:10.2, 41.94N, 42.69E, h16km, IDC 19 09:51:10.2, 41.99N, 42.56E, h0km, mb3.1/4, mb1 4.0/2.0, mb1mx3.8/4.8, mbtmp3.9/2.0, ML3.4/6, Ms1 3.4/1, ms1mx2.6/6.0, Error ellipse: s-maj=9.7km s-min=9.5km az=127.0

MOS 19 09:51:10.4:1.1, 41.38N, 42.53E, h10km, mb4.1/8, Error ellipse: s-maj=5.7km s-min=4.0km az=80.1, ISCJB 19 09:51:11.1, 0.5, 41.97N, 0.01, 42.60E, 0.02, h4km, 3km, mb3.9/21.1, Error ellipse: s-maj=2.5km s-min=2.1km az=148.6

DDA 19 09:51:11.1, 41.87N, 42.72E, h30km, MI4.5, ISK 19 09:51:11.4, 41.92N, 42.79E, h7km, ML4.1, NEIC 19 09:51:12.3, 0.5, 42.04N, 42.59E, h10km, mb4.1/8, Error ellipse: s-maj=9.6km s-min=6.3km az=166.0

CSEM 19 09:51:12.5:0.1, 41.94N, 42.66E, h10km, mb4.0/10, Error ellipse: s-maj=3.5km s-min=3.2km az=140.0, TEH 19 09:51:15.0, 41.93N, 42.41E, h15km, ML4.2, AZER 19 09:51:15.5, 0.1, 41.60N, 42.88E, h12km, 74km, Error ellipse: s-maj=131.7km s-min=19.7km az=292.0

ISC 19 09:51:17.0:0.7, 41.94N, 0.01, 42.69E, 0.01, h9km, 4km, n291, c1554/333, mb4.0/21, 32C-43D, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Posof, Akhalkalaki, Artvin, Borcka, Bademkaya, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CHVG, ARTVIN, BORCKA, BADEMKAYA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SOCH, SOCHI, GUMUSHANE, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GNI, GARNI, AGRB, HANUR-AGRY, etc.

MEX 19 10:05:08.5-0.6, 18.24N x 100.66W, h46km, 5.6km, MD3.9, Guerrero

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

IDC 19 10:08:16.2-2.8, 53.59N-87.76E, h0km, mb1 3.1/2, mb1mx3.0/62, mbtmp3.4/2, ML3.0/2, 4C-2D, Error ellipse: s-maj=24.9km s-min=14.3km az=62.0, Southwestern Siberia

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

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

IDC 19 10:15:34.5-2.8, 53.54N-87.74E, h0km, mb1 3.1/2, mb1mx2.9/56, mbtmp3.1/2, ML2.9/2, 2C-3D, Error ellipse: s-maj=23.6km s-min=15.0km az=61.0, Southwestern Siberia

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

NIED 19 10:26:00.36-2.0N, 142.50E, h8km, Mw4.4 Best double couple: M4.68000x1015 NP1.9x2.0190000, 843.00000, 1.15.00000. NP2.6x6.00000, 852.00000, 1.69.00000. IDC 19 10:26:38.8-0.6, 36.09N-142.53E, h0km, mb4.0/22, mb1 4.1/28, mb1mx4.0/58, mbtmp4.0/28, ML3.9/5, MS3.8/17, MS1 3.8/17, ms1mx3.5/53, Error ellipse: s-maj=15.4km s-min=14.1km az=86.0

ISCJB 19 10:26:40.0-0.4, 36.21N-142.52E, h18km, mb4.2/29, MS3.9/14, Error ellipse: s-maj=5.4km s-min=4.5km az=136.6

JMA 19 10:26:41.3-0.1, 36.20N-142.51E, h74km, M3.8 NEIC 19 10:26:43.8-0.4, 36.06N-142.48E, h35km, mb4.7/5, Error ellipse: s-maj=8.6km s-min=8.4km az=47.0

ISC 19 10:26:41.5-0.5, 36.15N-142.52E, h18km, m72, s123/62, mb4.1/29, MS3.9/14, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. 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 BVAR, KKAR, INK, WRA, ARU, etc.

NNC 19 10:25:29.3-3.5, 36.73N-69.97E, h0km, mb3.8, mpv3.2, 2C-2D, Error ellipse: s-maj=35.9km s-min=24.7km az=129.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MNAS, MNAS, KK31, etc.

ISK 19 10:31:39.7, 37.88N-27.38E, h23km, MD2.4 ISCJB 19 10:31:40.6-0.6, 37.87N-27.30E, h10km, 6km, Error ellipse: s-maj=8.2km s-min=4.7km az=167.1 CSEM 19 10:31:40.4-0.4, 37.89N-27.25E, h10km, MD2.7, Error ellipse: s-maj=10.2km s-min=6.6km az=79.0 DDA 19 10:31:40.5, 37.84N-27.29E, h7km, MD2.7 ISC 19 10:31:40.4, 37.89N-27.27E, h0.3, h9km, 10km, n15, s056/26, Turkey

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

IDC 19 10:34:53.3-2.1, 20.68S-168.30E, h0km, mb5.7/3, mb1 4.0/18, mb1mx3.7/28, mbtmp3.7/4, ML3.2/1, Error ellipse: s-maj=88.6km s-min=25.2km az=79.0, Loyalty Islands

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

CSEM 19 10:35:33.0-2.0, 37.24N-31.85E, h2km, MD2.8, Error ellipse: s-maj=8.0km s-min=5.8km az=68.0 DDA 19 10:35:33.0, 37.26N-31.89E, h7km, MD3.0 ISK 19 10:35:33.7, 37.37N-31.84E, h5km, MD2.8 ISC 19 10:35:33.1, 37.24N-31.88E, h0.3, h5km, 11km, n19, s052/34, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ERMK, LADK, BAGO, GAZI, EGRI, etc.

ISK 19 10:37:03.6, 37°67'N-36°34'E, h8km, MD2.3
CSEM 19 10:37:04.9, 37°65'N-36°31'E, h2km, MD2.3, Error
ellip: s-maj=9.3km s-min=8.7km az=58.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOZT, AYKD, KMRS, KAMA, HCB, SARH, PINB, KUZU, AKCD, MALT, SURC, etc.

ISK 19 10:43:32.1, 37°16'N-27°91'E, h5km, MD2.1
ISCJB 19 10:43:33.6, 37°14'N-27°90'E, 0.04, h0km, Error
ellip: s-maj=7.5km s-min=4.4km az=164.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MLSB, YER, BDRM, AYDN, AYDB, etc.

IDC 19 10:52:47.6, 1.3, 32°15'S-64°60'W, h0km, mb3.4/2,
mb1.3/4.0, mb1mx3.6/20, mbtmp3.6/4, ML3.8/2, Error
ellip: s-maj=44.3km s-min=21.8km az=132.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PIL, MRA, SUCO, ACHE, ACAN, AVFE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RTLL, SJA, ACLA, AMOG, ASAL, AAGR, etc.

WEL 19 10:56:43.0, 3.0, 38°69'S-175°44'E, h168km, ML3.7/16,
2C-6D, Error ellip: s-maj=2.2km s-min=2.2km az=90.0,
North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HIZ, TUUV, TRVZ, WNVZ, WNVZ, etc.

DJA 19 10:59:13.9, 0.4, 8°S-16°08'E, h45km, 173km, M3.5/7,
MLV3.5/7, Jawa

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

KRNET 19 11:02:28.4, 39°52'N-74°63'E, h0km
SOME 19 11:01:31.3, 3.8, 39°29'N-75°17'E, h0km, mb3.7, mpv3.3,
Error ellip: s-maj=28.2km s-min=24.3km az=152.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UCH, AML, AML, ULHL, BOOM, BOOM, AAK, AAK, AAK, etc.

ISCJB 19 11:20:08.1, 0.4, 13°26'N-0°09'88.02'W, 0.07, h200km,
mb3.4/7, Error ellip: s-maj=14.9km s-min=4.8km
az=35.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YSM, LCY, PACA, LFERS, LFERS, LFERS, etc.

IDC 19 11:20:10.7, 2.5, 13°47'N-87°84'W, h196km, 38km, mb3.1/7,
mb1.3/4.0, mb1mx3.2/32, mbtmp3.7/9, Error ellip:
s-maj=43.1km s-min=24.9km az=87.0

CASC 19 11:20:12.8, 2.8, 12°25'N-88°59'W, h17km, 14km, MD4.0,
ML3.4

ISC 19 11:20:09.6, 0.8, 13°33'N-0°1'88.0'W, 0.1, h200km, n28,
i172/26, mb3.4/7, 4C-1D, Honduras

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNET, CNGN, CNGN, CNGN, SNJE, SBLS, MOMB, etc.

SONM Songino Array 88.04 323 P P 12 46 03.8 +0.1
ILAR Eielson Array 92.03 18 P P 12 46 21.7 -0.1
GERES GERS Array B 148.52 300 PKPbc PKPdf 12 52 50.6 -1.1

ISK 19 12:33:29.6, 39.08N-41.03E, h18km, MD2.4
CSEM 19 12:33:29.4, 0.3, 39.00N-40.95E, h2km, MD2.4, Error
ellipse: s-maj=8.2km s-min=4.9km az=155.0

Code Station Name Az AZZ Phase ID Time Res
BNGL BINGOL 0.14 107 i P P 12 33 32.5 -0.9
BNGB Bing'li 0.23 270 e P P 12 33 36.3 +1.4
BINT Bingol 0.40 253 e P P 12 33 36.3 +1.6

ISCJB 19 12:34:04.0, 7.64N-04.73W, h159km, 6km,
mb3.1/1, Error ellipse: s-maj=9.1km s-min=5.1km az=32.1

ISC 19 12:34:04.3-1.0, 6.86N-0.04E, h102km, 5km,
n2.4, c200/35, 1C, Northern Colombia

Code Station Name Az AZZ Phase ID Time Res
BARC Barichara 0.32 211 i P P 12 34 26.3 -0.4
BARC Barichara 0.32 211 e S Pn 12 34 39.9 -3.8
GRMC Gramalote, San 0.88 14 i P Pn 12 34 32.1 +2.6

ISK 19 12:45:32.5, 39.91N-33.05E, h3km, MD2.4
CSEM 19 12:45:33.4, 0.2, 39.90N-33.07E, h2km, MD2.4, Error
ellipse: s-maj=4.0km s-min=3.4km az=20.0

Code Station Name Az AZZ Phase ID Time Res
LOD Lodumli 0.24 267 e P P 12 45 38.4 0.0
LOD Lodumli 0.24 267 e S Pn 12 45 41.3 -0.3
LOD Lodumli 0.24 267 e S Pn 12 45 41.3 -0.3

CDAG Cicekdag 1.04 105 i P P 12 45 53.0 -0.7
CDAG Cicekdag 1.04 105 i S P 12 46 08.4 +0.1
CDAG Cicekdag 1.04 105 P S 12 45 53.0 -0.7

ISCJB 19 12:47:09.8-1.2, 33.92S-0.04E, h3km, 8km,
mb4.5/12, MS4.0/4, Error ellipse: s-maj=6.7km

GUC 19 12:47:10.8, 0.4, 33.95S-72.49W, h21km, 2km, ML4.4
ISC 19 12:47:12.0, 0.9, 33.93S-71.99W, h0km, mb4.2/6,
mb1 3.9/7, ms1mx3.6/23, Error ellipse: s-maj=35.4km,
s-min=21.3km az=96.0

NEIC 19 12:47:17.7, 0.5, 33.82S-72.10W, h35km, mb4.5/6,
ML4.4(GUC), Error ellipse: s-maj=12.2km s-min=8.1km

NEIC Felt [I] at Rancagua. Also felt at San Antonio, Valparaiso
and Vina del Mar.
BUJ 19 12:47:18.5, 34.09S-72.89W, h42km, mb5.1/2

ISC 19 12:47:12.1, 2.5, 33.95S-0.05E, h238W, 0.08, h5km, 15km,
n4.6, c114/55, mb4.5/12, MS4.0/4, 2C-1D, Off coast of
Central Chile

Code Station Name Az AZZ Phase ID Time Res
CHPI Pichilemu 0.55 145 e P P 12 47 19.9 +1.2
RCMD Rinconda Maip 1.39 17 e S Pn 12 47 31.9 -0.3
ROCH El Roble 1.50 50f e P S 12 47 40.0 +0.1

NJ2 Nanjing 170.38 262 ePKP PKPdf 13 07 21.5 -0.4
HHC Hu-ho-hao-te 172.43 337 ePKP PKPdf 13 07 23.3 +1.2
comp=N, 180nm, 5.8s

ISC 19 13:08:55.9, 1.8, 2.51N-95.66E, h0km, mb3.4/4, mb1 3.6/6,
mb1mx3.4/51, mbtmp3.4/6, ML3.4/2, MS3.5/1, Mst1 3.5/1,
ms1mx2.6/26, Error ellipse: s-maj=46.6km s-min=21.7km
az=54.0

ISCJB 19 13:08:59.9, 1.1, 2.68N-0.06E, 96.01E, 10, h25km,
mb3.5/4, MS3.5/1, Error ellipse: s-maj=14.8km
s-min=7.0km az=159.9

DJA 19 13:09:03.3, 1.3, 3.7N-4.9E, h30km, 14km, M3.5/5,
ML3.5/5

ISC 19 13:09:01.1, 1.2, 2.78N-0.06E, 96.01E, 0.09, h25km, n15,
c1945/15, mb3.5/4, Northern Sumatra

Code Station Name Az AZZ Phase ID Time Res
TPTI 1.27 68 P P 13 09 22.2 -1.0
MLSI Meulaboh, Aceh 1.53 15 P S 13 09 28.8 0.0
GSI Gunungsitoli 2.14 133 P S 13 09 48.5 +0.7

MAN 19 13:15:32, 19.25N-121.01E, h30km, mb4.8, ML3.7, MS3.7,
1D, Philippine Islands region

Code Station Name Az AZZ Phase ID Time Res
PIP Pasuquin 0.99 202 i P P 13 15 50.1 +0.3
APP Conner 1.39 171 e P S 13 15 58.8 +0.4
BBP Mal Cagua 1.40 135 e P P 13 15 55.4 +0.1

ISCJB 19 13:29:58.1, 0.6, 38.38N-0.02E, 21.79E, h10km, 7km,
Error ellipse: s-maj=4.6km s-min=3.4km az=143.7

CSEM 19 13:29:58.2, 0.1, 38.37N-21.79E, h5km, ML1.6, Error
ellipse: s-maj=2.4km s-min=1.6km az=47.0

THE 19 13:29:58.0, 38.38N-21.79E, h13km, 2km, ML1.6/3, Error
ellipse: s-maj=2.2km s-min=0.5km az=52.0

ATH 19 13:29:58.4, 38.37N-21.78E, h3km, 1km, MD2.6/11
ISC 19 13:29:58.3, 0.1, 38.38N-0.02E, 21.78E, h0.02, h9km, 8km,
n3.4, c047/66, Greece

Code Station Name Az AZZ Phase ID Time Res
EFP Efpalio 0.11 62 e P P 13 30 02.7 -0.2
EFP Efpalio 0.11 62 e S Pn 13 30 02.4 -0.3
EFP Efpalio 0.11 62 P S 13 30 07.2 -0.2

ISC 19 13:39:40.1, 5.38, 89S-75.63W, h0km, mb3.7/3,
mb1 4.2/6, mb1mx3.9/28, mbtmp4.0/6, ML4.4/3, MS3.4/3,
Mst1 3.4/3, ms1mx3.0/28, Error ellipse: s-maj=39.9km
s-min=31.4km az=38.0

ISCJB 19 13:39:44.9, 1.0, 38.43S-0.04E, 71.7W, 0.09, h33km,
mb3.7/3, MS3.5/1, Error ellipse: s-maj=10.4km
s-min=6.2km az=169.1

GUC 19 13:39:44.7, 0.4, 38.49S-75.17W, h28km, 3km, ML4.4
ISC 19 13:39:46.5, 1.0, 38.51S-0.06E, 75.21W, 0.10, h35km, n23,
c185/23, mb3.7/3, Off coast of Central Chile

Code Station Name Az AZZ Phase ID Time Res
PSCH Puerto Saavedr 1.45 102 e P P 13 40 08.5 -1.7

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

Main 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.

IDC 19 15:36:32.4:1.7, 6.86S, 129.73E, h0km, mb3.7/2, mb1 4.0/4, mb1mx3.6/29, mbtmp3.9/4, ML4.1/2, Error ellipse: s-maj=139.3km s-min=25.1km az=66.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array.

IDC 19 15:46:40.4:8.9, 5.91S, 128.15E, h386km, 109km, mb2.2/3, mb1 3.2/5, mb1mx2.9/36, mbtmp3.9/5, Error ellipse: s-maj=98.6km s-min=35.4km az=61.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, ZALV Zalesovo Beam.

MAN 19 16:07:23.13'26N:120.74E, h31km, mb4.1, ML2.9, MS2.6, 1C, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include PGP Puerto Galera, SUMP San Jose, BJB Busp, ENPP El Nido.

IDC 19 16:15:40.8:0.9, 27.16N:143.41E, h0km, mb3.8/8, mb1 4.0/9, mb1mx3.8/41, mbtmp3.8/9, ML4.0/1, Error ellipse: s-maj=19.5km s-min=19.1km az=83.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, ZALV Zalesovo Beam.

IDC 19 16:15:42.0:2.0, 27.22N:143.45E, h10km, mb4.3/5, Error ellipse: s-maj=10.2km s-min=8.1km az=83.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include CBJJ Chichijima, JCHJ Haha-jima-NKT, BSO1 Boso 1, JHU Hanno, JRY Ryogami san, JHO Hitachi, JAG Ashikaga, MJAR Matsushiro Arr, MAJO Matsushiro, SONM Songino Array, CHTO Chiang Mai, CMAR Chiang Mai Arr, WRAB Tennant Creek, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, ASAR Alice Springs, KURK Kurchatov, KKAR Karatay Array, ABKAR Akbulak array, YKA Yellowknife Ar, FINES FINESS Array B, RAYN Ar Rayn, LPAZ La Paz.

ISK 19 16:20:07.9:37.20N:27.88E, h14km, MD2.5, ISCJB 19 16:20:08.2:0.6, 37.11N:0.04:27.93E:0.03, h0km, Error ellipse: s-maj=5.7km s-min=3.7km az=13.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include MSLB Milas, YER Yerkesik, BDRM Kayabasi, AYDN Tasoluk, BODT Bodrum, TURN Turunc, AYDB Zeytinkoy-Aydi, AYDY Zeytinkoy-Aydi, FETHYE Fethiye, FETY Fethiye.

ISCJB 19 17:03:18.1:0.5, 43.70S:172.76E:0.04, h19km, 3km, mb4.4/7, MS3.9/17, Error ellipse: s-maj=6.0km s-min=3.0km az=142.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include SPN Mys Shipunski, UGLR Uglovaya, SMAR Somma, PET Petropavlovsk, AVH Avacha, KRX Arik, RUS Russkaya, KIL Karymskiy, ASAK Asacha, APC Apacha, PAU Pauzhetka, ESO Esso.

ISCJB 19 17:03:18.1:0.5, 43.70S:172.76E:0.04, h19km, 3km, mb4.4/7, MS3.9/17, Error ellipse: s-maj=6.0km s-min=3.0km az=142.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include SPN Mys Shipunski, UGLR Uglovaya, SMAR Somma, PET Petropavlovsk, AVH Avacha, KRX Arik, RUS Russkaya, KIL Karymskiy, ASAK Asacha, APC Apacha, PAU Pauzhetka, ESO Esso.

ISCJB 19 16:24:04.0:0.5, 11.20S:166.42E:0.09, h146km, mb4.0/17, Error ellipse: s-maj=12.6km s-min=10.7km az=177.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:06.9:0.8, 11.22S:166.43E, h151km, 6km, mb3.8/14, mb1 4.0/17, mb1mx3.8/35, mbtmp4.3/17, Error ellipse: s-maj=15.2km s-min=12.5km az=137.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:07.0:0.3, 11.18S:166.43E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:08.0:0.0, 11.19S:166.43E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:09.0:0.0, 11.20S:166.42E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:10.0:0.0, 11.21S:166.42E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:11.0:0.0, 11.22S:166.42E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:12.0:0.0, 11.23S:166.42E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:13.0:0.0, 11.24S:166.42E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:14.0:0.0, 11.25S:166.42E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:15.0:0.0, 11.26S:166.42E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:16.0:0.0, 11.27S:166.42E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:17.0:0.0, 11.28S:166.42E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:18.0:0.0, 11.29S:166.42E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:19.0:0.0, 11.30S:166.42E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:20.0:0.0, 11.31S:166.42E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:21.0:0.0, 11.32S:166.42E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

ISCJB 19 16:24:22.0:0.0, 11.33S:166.42E, h146km, n33, 0.9594/1, mb3.3/17, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, EIDS Eidsvold, ARMA Armidale, URZ Urewera, STKA Stephens Creek, MKAR Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr.

AGG	Agios Georgios	1.57 105 P	Pn	19 00 01.9 +0.1	VTS	Vitosh	3.79 33 /P	Pn	19 00 34.8 +2.4	MOA	Molin	9.48 334 //Pn	Pn	19 01 49.9 -0.5
AGG	Agios Georgios	1.57 105 ePg	Pb	19 00 02.4 -0.3	KYTH	Kithira	3.80 146 ePN	Pn	19 00 34.8 +2.3	MOA	Molin	9.48 334 Pn	Pn	19 01 49.9 -0.5
AGG	Agios Georgios	1.57 105 ePn	Pb	19 00 02.7 -0.1	KYTH	Kithira	3.80 146 ePn	Pn	19 00 34.8 +2.3	KEST	Kesara	9.52 250 Pn	Pn	19 01 52.6 +1.6
AGG		eSb	Sg	19 00 23.8 +0.3	UPM	Unac-Piva	3.90 344 //Pn	Sn	19 00 35.8 +1.8	KOLS	Kolednice sed	9.57 8 ePN	Pn	19 01 58.6 +7.0
UPR	University Cam	1.60 137 ePB	Pb	19 00 03.3 +0.1	UPM	Unac-Piva	3.90 344 //Pn	Sn	19 00 35.1 +2.7	KOLS	Kolednice sed	9.57 8 ePN	Pn	19 02 36.5 +7.0
UPR	University Cam	1.60 137 ePn	Pb	19 00 03.3 +0.1	UPM	Unac-Piva	3.90 344 //Pn	Sn	19 00 35.1 +2.7	STHS	Stebnicka Huta	9.98 3 ePN	Pn	19 02 00.5 +3.3
RLS	Riolos of Patr	1.63 148 ePB	Pg	19 00 04.0 -0.3	UPM	Unac-Piva	3.90 344 //Pn	Sn	19 00 36.7 +2.3	STHS	Stebnicka Huta	9.98 3 ePN	Pn	19 02 44.3
RLS	Riolos of Patr	1.63 148 ePn	Pg	19 00 04.0 -0.3	UPM	Unac-Piva	3.90 344 //Pn	Sn	19 00 36.7 +2.3	STHS	Stebnicka Huta	9.98 3 ePN	Pn	19 02 54.4
RODI	Rodini	1.64 133 ePB	Pg	19 00 04.6 +0.2	PLE	Plejevia	3.94 349 //Pn	Sn	19 00 36.7 +2.3	STHS	Stebnicka Huta	9.98 3 ePN	Pn	19 02 00.5 +3.3
RODI	Rodini	1.64 133 ePn	Pg	19 00 04.6 +0.2	PLE	Plejevia	3.94 349 //Pn	Sn	19 00 36.7 +2.3	BRTR	Bratogost	10.24 84 Pn	Pn	19 02 03.3 +2.4
OHR	Ohrid	1.68 11 /Pn	Sb	19 00 04.7 +0.1	PLS	Pljevlja	3.96 344 //Pn	Sn	19 00 37.2 +1.2	OT	0.1mm,0.3s,baz=268,slow=12,SNR=7.7		Pn	19 02 01.8 -0.9
OHR	Ohrid	1.68 11 /Pn	Sb	19 00 04.7 +0.1	SERI	Serifos	3.96 124 ePN	Sn	19 00 35.9 +1.3	MOTA	Moosalm	10.37 322 //Pn	Pn	19 02 01.8 -0.9
OHR	Ohrid	1.68 11 /Pn	Sb	19 00 04.7 +0.1	SERI	Serifos	3.96 124 ePN	Sn	19 00 35.9 +1.3	MOTA	Moosalm	10.37 322 Pn	Pn	19 02 05.0 +0.1
KALE	Kalithe	1.73 127 ePN	Pg	19 00 06.3 0.0	STON	Ston	3.97 330 ePN	Sn	19 01 19.0 -2.7	GERES	Geress Array B	10.54 335 Pn	Pn	19 02 05.0 +0.1
KALE	Kalithe	1.73 127 ePn	Pg	19 00 06.3 0.0	STON	Ston	3.97 330 ePN	Sn	19 01 19.0 -2.7	KHC	Kasperske Hory	10.83 336 eP	x	19 02 08.0 -0.8
LAKA	Lakka	1.74 134 ePN	Pg	19 00 05.4 -0.2	MSI	Monte Sami'Ang	4.06 305 ePN	Pn	19 00 33.5 -1.1	KHC	Kasperske Hory	10.83 336 eP	x	19 02 11.7
LAKA	Lakka	1.74 134 ePn	Pg	19 00 05.4 -0.2	MSI	Monte Sami'Ang	4.06 305 ePN	Pn	19 00 33.5 -1.1	KHC	Kasperske Hory	10.83 336 eP	x	19 02 22.3
LIT	Litokhoron	1.75 68 ePN	Pb	19 00 05.5 -0.2	SMTH	Samothraki Isl	4.08 74 ePN	Pn	19 00 37.9 +1.6	KHC	Kasperske Hory	10.83 336 eP	x	19 02 28.8
LIT	Litokhoron	1.75 68 ePn	Pb	19 00 05.5 -0.2	SMTH	Samothraki Isl	4.08 74 ePN	Pn	19 00 37.9 +1.6	MMAI	Mount Meron Ar	13.71 113 Pn	Pn	19 02 49.9 +1.4
PSARO	Psaromita, Dor	1.79 128 ePg	Pg	19 00 07.1 -0.3	IVAS	Ivanjica	4.12 358 /Pn	Pn	19 00 38.8 +2.0	EIL	Eilat	15.45 125 Pn	Pn	19 03 13.1 +1.2
DESP	Desfina	1.97 121 ePN	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	EIL	Eilat	15.45 125 Pn	Pn	19 03 13.1 +1.2
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1	MHLO	Agia Marina, M	4.21 130 ePN	Pn	19 00 39.8 +1.8	ESBZ	Khabaz	17.36 68 P	P	19 03 37.8 +0.3
DESP	Desfina	1.97 121 ePn	Pb	19 00 08.5 -1.1										

MGZ	McQueen's Vall	0.21 122	P*	Pg	19 06 58.9	+0.1	KEK	eSB	Sg	19 12 39.0	+1.3	TIP	Timpagrande	2.79 265	/P	Pn	19 13 08.4	+1.5			
MOZ			S*	Sg	19 07 02.4	+0.4	KEK	Kerkira	0.49 302	P	Sg	19 12 31.6	+0.4	TRP	Timpagrande	2.79 265	/P	Pn	19 13 08.4	+1.5	
MOZ			AML	AML	19 07 02.5		KEK				P	Sb	19 12 39.6	-0.5	DRME	Dracevica, Mon	2.87 343	/iPn	Pn	19 13 08.8	+0.9
MOZ	McQueen's Vall	0.21 122	F*	AML	19 07 02.6		KEK	Kerkira	0.49 302	P	Sg	19 12 31.6	+0.4	DRME			eSn	Sb	19 13 07.0	-1.5	
MOZ			P*	Pg	19 06 58.6	-0.2	KEK				P	Sg	19 12 39.0	+1.3	DRME	Dracevica, Mon	2.87 343	/iPn	Pn	19 13 08.8	+0.9
OXZ	Oxford	0.38 315	P*	Pg	19 07 01.2	-0.7	DSL	Palaion Diasel	0.67 118	P	Sg	19 12 40.0	+0.7	OUR	Ouranopolis	2.94 71	ePn	Pn	19 13 09.6	+0.8	
OXZ	Oxford	0.38 315	P*	Pg	19 07 01.2	-0.7	DSL	Palaion Diasel	0.67 118	P	Sg	19 12 33.7	-0.9	OUR	Ouranopolis	2.94 71	ePn	Pn	19 13 09.6	+0.8	
LTZ	Lake Taylor	0.82 353	P*	Pg	19 07 09.4	-0.6	DSL	Palaion Diasel	0.67 118	P	Sg	19 12 43.8	+0.5	OUR	Ouranopolis	2.94 71	ePn	Pn	19 13 09.6	+0.8	
LTZ			AML	AML	19 07 21.5		DSL				P	Sg	19 12 33.7	-0.9	KRND	KRANIDI	3.02 132	ePn	Pn	19 13 10.8	+0.3
LTZ			AML	AML	19 07 22.5		DSL				P	Sg	19 12 43.4	+0.1	KRND	KRANIDI	3.02 132	ePn	Pn	19 13 10.8	+0.3
RPZ	Lake Taylor	0.82 353	P*	Pg	19 07 09.4	-0.6	DSL	Palaion Diasel	0.67 118	P	Sg	19 12 43.8	+0.5	OUR	Ouranopolis	2.94 71	ePn	Pn	19 13 09.6	+0.8	
RPZ	Rata Peaks	0.99 263	P*	Pg	19 07 12.7	-0.5	LKD2	Lefkada island	0.71 159	ePB	Pg	19 12 35.3	-0.1	ATH	Athens Observa	3.03 138	ePn	Pn	19 13 11.1	+1.0	
RPZ			AML	AML	19 07 32.3		LKD2	Lefkada island	0.71 159	ePB	Pg	19 12 45.5	+0.9	MATE	Matera	3.03 294	/iP	Pb	19 13 13.9	-2.1	
RPZ			AML	AML	19 07 37.0		LKD2	Lefkada island	0.71 159	ePB	Pg	19 12 35.3	-0.1	MATE	Matera	3.03 294	/iP	Pb	19 13 13.9	-2.1	
RPZ	Rata Peaks	0.99 263	P*	Pg	19 07 12.7	-0.5	LKD2	Lefkada island	0.71 159	ePB	Pg	19 12 45.5	+0.9	BUM	Brajici-Budva	3.05 339	/iPn	Pn	19 13 11.1	+0.7	
WVZ	Waitaha Valley	1.33 293	Pn	Pn	19 07 17.6	-0.7	LKD2	Lefkada island	0.71 159	ePB	Pg	19 12 35.3	-0.1	BUM	Brajici-Budva	3.05 339	/iPn	Pn	19 13 11.1	+0.7	
WVZ			AML	AML	19 07 17.6	-0.7	LKD2	Lefkada island	0.71 159	ePB	Pg	19 12 45.5	+0.9	BUM	Brajici-Budva	3.05 339	/iPn	Pn	19 13 11.1	+0.7	
WVZ	Waitaha Valley	1.33 293	Pn	Pn	19 07 17.6	-0.7	PENT	Pentalofos	0.96 39	ePn	Pn	19 12 39.5	-0.8	ATHU	Athens Univeris	3.08 318	ePn	Pn	19 13 11.1	+0.3	
KHZ	Kahutara	1.44 35	/iPn	Pn	19 07 18.5	-1.3	PENT				P	Sg	19 12 51.5	-1.3	ATHU	Athens Univeris	3.08 318	ePn	Pn	19 13 11.1	+0.3
KHZ			AML	AML	19 07 48.8		PDO	Prodromos	1.08 142	eSB	Pg	19 12 41.3	-1.1	PDG	Podgorica	3.08 345	/iPn	Pn	19 13 12.5	+1.7	
KHZ	Kahutara	1.44 35	Pn	Pn	19 07 18.5	-1.3	PDO	Prodromos	1.08 142	P	Pg	19 12 41.3	-1.1	PDG	Podgorica	3.08 345	/iPn	Pn	19 13 12.5	+1.7	
LBZ	Lake Benmore	1.79 243	Pn	Pn	19 07 24.0	-0.6	PDO	Prodromos	1.08 142	P	Pg	19 13 00.5	+2.1	TTG	Podgorica	3.08 345	/iPn	Pn	19 13 12.5	+1.7	
LBZ			AML	AML	19 07 52.4		PDO	Prodromos	1.08 142	P	Pg	19 12 41.3	-1.1	PTL	Penteli	3.09 116	ePn	Pn	19 13 12.1	+1.1	
LBZ			AML	AML	19 07 52.5		PDO	Prodromos	1.08 142	P	Pg	19 12 56.9	-0.1	PTL	Penteli	3.09 116	ePn	Pn	19 13 12.1	+1.1	
LBZ			AML	AML	19 07 57.7		PDO	Prodromos	1.08 142	P	Pg	19 12 56.9	-0.1	PTL	Penteli	3.09 116	ePn	Pn	19 13 12.1	+1.1	
LBZ			AML	AML	19 07 57.7		PDO	Prodromos	1.08 142	P	Pg	19 12 56.9	-0.1	PTL	Penteli	3.09 116	ePn	Pn	19 13 12.1	+1.1	
LBZ	Lake Benmore	1.79 243	Pn	Pn	19 07 24.0	-0.6	NEST	Nestorio	1.10 29	ePn	Pg	19 12 58.8	+0.4	BAL	Bar	3.12 303	ePn	Pn	19 13 15.5	-2.0	
THZ	Tophouse	1.87 11	/iPn	Pn	19 07 24.5	-1.2	NEST	Nestorio	1.10 29	ePn	Pg	19 12 58.8	+0.4	BAL	Bar	3.12 303	ePn	Pn	19 13 15.5	-2.0	
THZ			AML	AML	19 07 50.5		NEST	Nestorio	1.10 29	ePn	Pg	19 12 41.6	-1.3	SGI	Sigolgre (BA)	3.14 119	ePn	Pn	19 13 12.6	+0.9	
THZ			AML	AML	19 07 50.5		NEST	Nestorio	1.10 29	ePn	Pg	19 12 41.6	-1.3	SGI	Sigolgre (BA)	3.14 119	ePn	Pn	19 13 12.6	+0.9	
THZ			AML	AML	19 08 04.0		NEST	Nestorio	1.10 29	ePn	Pg	19 12 58.2	+0.3	VLY	Voula,Athens	3.14 119	ePn	Pn	19 13 12.6	+0.9	
THZ			AML	AML	19 08 04.0		NEST	Nestorio	1.10 29	ePn	Pg	19 12 58.2	+0.3	VLY	Voula,Athens	3.14 119	ePn	Pn	19 13 12.6	+0.9	
THZ	Tophouse	1.87 11	Pn	Pn	19 07 26.3	-0.4	NEST	Nestorio	1.10 29	ePn	Pg	19 12 41.3	-1.6	PVY	Plav	3.15 355	/iPn	Pn	19 13 14.2	+2.3	
FOZ	Fox Glacier	1.89 271	Pn	Pn	19 07 26.3	-0.4	NEST	Nestorio	1.10 29	ePn	Pg	19 12 56.5	-0.8	PVY	Plav	3.15 355	/iPn	Pn	19 13 14.2	+2.3	
FOZ			AML	AML	19 08 02.6		NEST	Nestorio	1.10 29	ePn	Pg	19 12 58.2	+0.3	CEME	Cevo	3.27 341	/iPn	Pn	19 13 15.0	+1.5	
FOZ			AML	AML	19 08 02.6		NEST	Nestorio	1.10 29	ePn	Pg	19 12 58.2	+0.3	CEME	Cevo	3.27 341	/iPn	Pn	19 13 15.0	+1.5	
FOZ			AML	AML	19 08 02.9		NEST	Nestorio	1.10 29	ePn	Pg	19 12 45.1	-0.5	CEME	Cevo	3.27 341	/iPn	Pn	19 13 15.0	+1.5	
FOZ			AML	AML	19 08 02.9		NEST	Nestorio	1.10 29	ePn	Pg	19 12 45.1	-0.5	CEME	Cevo	3.27 341	/iPn	Pn	19 13 15.0	+1.5	
FOZ	Fox Glacier	1.89 271	Pn	Pn	19 07 26.3	-0.4	PVO	Paravola	1.25 132	ePB	Pg	19 12 45.3	-0.4	CEME	Cevo	3.27 341	/iPn	Pn	19 13 15.0	+1.5	
DSZ	Denniston Nort	1.90 346	Pn	Pn	19 07 25.7	-0.5	PVO	Paravola	1.25 132	P	Pg	19 13 05.7	+3.1	CEME	Cevo	3.27 341	/iPn	Pn	19 13 15.0	+1.5	
DSZ			AML	AML	19 07 50.7		PVO	Paravola	1.25 132	P	Pg	19 13 05.7	+3.1	CEME	Cevo	3.27 341	/iPn	Pn	19 13 15.0	+1.5	
DSZ			AML	AML	19 07 50.7		PVO	Paravola	1.25 132	P	Pg	19 13 05.7	+3.1	CEME	Cevo	3.27 341	/iPn	Pn	19 13 15.0	+1.5	
DSZ			AML	AML	19 07 57.3		PVO	Paravola	1.25 132	P	Pg	19 12 47.7	-1.2	NVR	Nevrokopi	3.29 54	ePn	Pn	19 13 17.2	+3.0	
DSZ			AML	AML	19 07 57.3		PVO	Paravola	1.25 132	P	Pg	19 12 47.7	-1.2	NVR	Nevrokopi	3.29 54	ePn	Pn	19 13 17.2	+3.0	
ODZ	Otahua Downs	1.93 221	/iPn	Pn	19 08 00.7	-1.1	PVO	Paravola	1.25 132	P	Pg	19 13 05.7	+3.1	NVR	Nevrokopi	3.29 54	ePn	Pn	19 13 17.2	+3.0	
ODZ			AML	AML	19 08 00.7		PVO	Paravola	1.25 132	P	Pg	19 12 47.7	-1.2	NVR	Nevrokopi	3.29 54	ePn	Pn	19 13 17.2	+3.0	
ODZ			AML	AML	19 08 00.7		PVO	Paravola	1.25 132	P	Pg	19 12 47.7	-1.2	NVR	Nevrokopi	3.29 54	ePn	Pn	19 13 17.2	+3.0	
ODZ			AML	AML	19 08 02.7		PVO	Paravola	1.25 132	P	Pg	19 12 47.7	-1.2	NVR	Nevrokopi	3.29 54	ePn	Pn	19 13 17.2	+3.0	
ODZ			AML	AML	19 08 02.7		PVO	Paravola	1.25 132	P	Pg	19 12 47.7	-1.2	NVR	Nevrokopi	3.29 54	ePn	Pn	19 13 17.2	+3.0	
ODZ	Otahua Downs	1.93 221	Pn	Pn	19 07 25.9	-1.1	VLS	Valsamata	1.29 171	ePn	Pn	19 12 45.4	-0.8	NKY	Niksic	3.51 344	/iPn	Pn	19 14 02.8	+3.7	
BSWZ	Blackbirch Sta	2.17 30	Pn	Pn	19 07 28.9	-0.9	VLS	Valsamata	1.29 171	ePn	Pn	19 12 45.4	-0.8	NKY	Niksic	3.51 344	/iPn	Pn	19 14 02.8	+3.7	
BSWZ			AML	AML	19 07 56.0		VLS	Valsamata	1.29 171	ePn	Pn	19 13 05.7	+2.0	NKY	Niksic	3.51 344	/iPn	Pn	19 14 02.8	+3.7	
BSWZ			AML	AML	19 08 00.3		VLS	Valsamata	1.29 171	ePn	Pn	19 12 45.4	-0.8	NKY	Niksic	3.51 344	/iPn	Pn	19 14 02.8	+3.7	
BSWZ	Blackbirch Sta	2.17 30	Pn	Pn	19 07 28.9	-0.9	VLS	Valsamata	1.29 171	ePn	Pn	19 12 45.4	-0.8	NKY	Niksic	3.51 344	/iPn	Pn	19 14 02.8	+3.7	
TUWZ	Tuamarina	2.44 28	AML	AML	19 08 11.1		VLS	Valsamata	1.29 171	ePn	Pn	19 12 45.4	-0.8	NKY	Niksic	3.51 344	/iPn	Pn	19 14 02.8	+3.7	
TUWZ			AML	AML	19 08 11.1		VLS	Valsamata	1.29 171	ePn	Pn	19 12 45.4	-0.8	NKY	Niksic	3.51 344	/iPn	Pn	19 14 02.8	+3.7	
NNZ	Nelson	2.48 17	/iPn	Pn	19 07 33.6	-0.6	THL	Klokotos Trika	1.30 85	eSB	Sb	19 13 03.6	+0.2	NKY	Niksic	3.51 344	/iPn	Pn	19 14 02.8	+3.7	
NNZ			AML	AML	19 08 10.7		THL	Klokotos Trika	1.30 85	eSB	Sb	19 12 45.5	-0.8	NKY	Niksic	3.51 344	/iPn	Pn	19 14 02.8	+3.7	
NNZ			AML	AML	19 08 16.9		THL	Klokotos Trika	1.30 85	eSB	Sb	19 13 08.0	+4.0	CDT	Castel del Mon	3.51 299	ePn	Pn	19 13 18.4	+1.7	
NNZ	Nelson	2.48 17	Pn	Pn	19 07 33.6	-0.6	THL	Klokotos Trika	1.30 85	eSB	Sb	19 12 45.5	-0.8	CDT	Castel del Mon	3.51 299	ePn	Pn	19 13 18.4	+1.7	
JCZ	Jackson Bay	2.67 258	Pn	Pn	19 07 35.9	-0.9	THL	Klokotos Trika	1.30 85	eSB	Sb	19 13 03.6	+0.2	CDT	Castel del Mon	3.51 299	ePn	Pn	19 13 18.4	+1.7	
JCZ			AML	AML	19 08 27.9		KFL	Anninata	1.39 165	ePB	Pn	19 12 47.6	+0.1	CDT	Castel del Mon	3.51 299	ePn	Pn	19 13 18.4	+1.7	
JCZ			AML	AML	19 08 27.9		KFL	Anninata	1.39 165	ePB	Pn	19 12 47.6	+0.1	CDT	Castel del Mon	3.51 299	ePn	Pn	19 13 18.4	+1.7	
JCZ	Jackson Bay	2.67 258	Pn	Pn	19 07 36.9	+0.1	KFL	Anninata	1.39 165	ePB	Pn	19 13 07.5	+1.4	CDT	Castel del Mon	3.51 299	ePn	Pn	19 13 18.4	+1.7	
WKZ	Wanaka	2.73 242	Pn	Pn	19 07 36.7	-0.9	KFL	Anninata	1.39 165	ePB	Pn	19 12 47.6	+0.1	CDT	Castel del Mon	3.51 299	ePn	Pn	19 13 18.4	+1.7	
WKZ			AML	AML	19 08 25.8		KFL	Anninata	1.39 165	ePB	Pn	19 13 07.5	+1.4	CDT	Castel del Mon	3.51 299	ePn	Pn	19 13 18.4		

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HFS Hagfors, MDT Midelt, FINES Fines, etc.

GCMT 19 19:13:36.30,0.20,045:175.41W,h201km,3km
MW5,1/72, Moment Tensor Solution. s27,c29; s72,c98;
Duration: 0 Moment tensor: Scale 10^16Nm; Mr-0.64±.24;

NEIC 19 19:13:36.41,0.19,955:175.80W,h132km,9km,mb5.3/43
Error ellipse: s-maj=8.2km s-min=5.4km az=119.0

ISCJCB 19 19:13:42.5,0.2,20:20S,0:03:175.81W,0:05:h200km,
mb4.7/66, Error ellipse: s-maj=6.6km s-min=4.1km az=7.6

ISC 19 19:13:43.0,0.3,20:26S,0:06:175.68W,0:07:h200km,
n252,1922/250,mb4.9/66,11C-34D,Tonga Islands

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Lists numerous stations like NIUE Niue, MVSF Nonavau, AFI Afiamalu, etc.

Main table of station data (continued) with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Lists stations like PMG Port Moresby, PMG Port Moresby, etc.

Main table of station data (continued) with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Lists stations like TXAR Lajitas Array, IPM Ipo, etc.

0.2nm,0.5s,baz=302,slow=5.2,SNR=3.1
MKAR Makanchi Array 60.88 309 P P 22 31 20.0 -1.1
 0.1nm,0.3s,baz=61,slow=6.8,SNR=3.5
CMAR Chiang Mai Arr 72.23 277 P P 22 32 33.3 -0.6
 0.4nm,0.5s,baz=27,slow=6.4,SNR=2.9
WRA Warramunga Arr 83.04 226 P P 22 33 34.0 0.0
 0.3nm,0.5s,baz=33,slow=5.5,SNR=5.7
ASAR Alice Springs 86.50 224 P P 22 33 50.6 -0.7
 0.4nm,0.7s,baz=15,slow=6.2,SNR=3.9
TORD Torodi Ar. Bea 115.53 2 PKP PKPdf 22 39 49.6 -0.9
 0.2nm,0.4s,baz=360,slow=2.6,SNR=6.0
BOSA Boshof 151.73 136 PKPb PKPb 22 41 02.9 +0.1
 2.4nm,0.6s,baz=84,slow=1.5,SNR=5.1

DDA 19 22:30:43.6,36°16'N,31°29'E,h51km,Mi3.9
IDC 19 22:30:45.9,1.4,36°06'N,31°02'E,h75km,200km,mb3.3/4,
mb1.3/4/10,mb1mx3/1/48,mbtmp3.6/10,Error ellipse:
s-maj=18.0km s-min=13.0km az=177.0
ISK 19 22:30:45.2,36°11'N,31°22'E,h41km,ML3.5
THE 19 22:30:46.0,36°12'N,31°29'E,h41km,4km,ML3.8/3,Error
ellipse: s-maj=4.8km s-min=1.2km az=61.0
GII 19 22:30:46.7,0.0,36°02'N,31°32'E,h30km,MD3.0/3
CSEM 19 22:30:46.5,0.1,36°09'N,31°20'E,h40km,ML3.9,Error
ellipse: s-maj=2.7km s-min=1.0km az=11.0
NSSC 19 22:30:48.4,1.2,36°07'N,31°41'E,h25km,115km,ML3.0
NIC 19 22:30:48.0,0.3,36°16'N,31°66'E,h23km,mb4.2,ML3.9
HLW 19 22:30:49.1,35.85,N,30°94'E,h31km,24km,Md4.0,Mi3.2
ISC 19 22:30:46.1,0.7,36°07'N,03°31'23E,0.02,h49km,14km,
n287,r1556/381,mb3.4/4,4C-3D,Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
GAZI	Gazipasa	0.90	79	Op	22 31 01.5	-1.9
GAZI	Gazipasa	0.90	79	S	22 31 11.7	-2.8
GAZI	Gazipasa	0.95	331	eP	22 31 01.8	-1.4
ANTB	Antalya	1.17	323	iP	22 31 14.3	-1.4
ANTB	Antalya	0.95	331	eP	22 31 01.8	-1.4
KORT	Korkueli	1.17	323	iP	22 31 04.4	-1.9
KORT	Korkueli	1.17	323	iS	22 31 23.2	+2.0
KORT	Korkueli	1.17	323	P	22 31 04.4	-1.9
ELL	Elmalı	1.26	303	eP	22 31 23.2	+2.0
ELL	Elmalı	1.26	303	eP	22 31 06.6	-0.9
AKAS	Kas	1.32	278	iP	22 31 08.2	-0.2
AKAS	Kas	1.32	278	iS	22 31 25.0	+0.1
AKAS	Kas	1.32	278	P	22 31 08.2	-0.2
AKAS	Kas	1.32	278	P	22 31 25.0	+0.1
KSL	Kastellorizon	1.33	274	S	22 31 08.6	+0.2
KSL	Kastellorizon	1.33	274	P	22 31 25.4	+0.4
KSL	Kastellorizon	1.33	274	P	22 31 08.6	+0.2
KSL	Kastellorizon	1.33	274	P	22 31 25.4	+0.4
AKMC	Akamias	1.37	139	P	22 31 09.5	+0.6
AKMC	Akamias	1.37	139	P	22 31 09.5	+0.6
SUTC	Sutluce-Ispar	1.42	353	eP	22 31 08.6	-1.1
SUTC	Sutluce-Ispar	1.42	353	eP	22 31 08.6	-1.1
ALFC	Alefka	1.44	129	P	22 31 09.7	-0.1
ALFC	Alefka	1.44	129	S	22 31 26.8	-0.8
ALFC	Alefka	1.44	129	P	22 31 09.7	-0.1
ALFC	Alefka	1.44	129	S	22 31 26.8	-0.8
BCK	Bucak	1.48	340	eP	22 31 09.6	-0.9
BCK	Bucak	1.48	340	eP	22 31 09.6	-0.9
PBCY	Paphos	1.49	142	P	22 31 09.6	-0.9
PBCY	Paphos	1.49	142	P	22 31 12.0	+1.5
PPCY	Paphos	1.49	142	P	22 31 12.0	+1.5
AKDN	Akdeniz-K-br	1.61	118	eP	22 31 12.5	+0.4
AKDN	Akdeniz-K-br	1.61	118	eP	22 31 12.5	+0.4
LEF	Lefka	1.65	124	eP	22 31 12.0	+0.7
LEF	Lefka	1.65	124	eP	22 31 12.0	+0.7
FETY	Fethiye	1.82	289	eP	22 31 14.9	-0.2
FETY	Fethiye	1.82	289	eP	22 31 14.9	-0.2
ISP	Isparta	1.84	342	eP	22 31 13.9	-1.5
ISP	Isparta	1.84	342	P	22 31 14.0	-1.5
ISP	Isparta	1.84	342	P	22 31 36.2	-1.4
ISP	Isparta	1.84	342	P	22 31 14.0	-1.5
ISP	Isparta	1.84	342	P	22 31 14.7	-0.7
ISP	Isparta	1.84	342	P	22 31 36.2	-1.4
ISP	Isparta	1.84	342	P	22 31 14.7	-0.7
MAMC	Mammari	1.85	118	P	22 31 15.3	-0.1
MAMC	Mammari	1.85	118	P	22 31 15.3	-0.1
SZAC	Souni	1.88	134	P	22 31 18.6	+2.7
SZAC	Souni	1.88	134	P	22 31 18.6	+2.7
BAGO	Egridir- ISPA	1.95	350	iP	22 31 15.5	-1.4
BAGO	Egridir- ISPA	1.95	350	iS	22 31 39.5	-0.8
CSS	Mathiatis	2.04	122	P	22 31 17.5	-0.5
CSS	Mathiatis	2.04	122	S	22 31 40.7	-1.6
CSS	Mathiatis	2.04	122	eP	22 31 18.9	+0.9
CSS	Mathiatis	2.04	122	P	22 31 17.1	-0.9
CSS	Mathiatis	2.04	122	S	22 31 40.6	-1.7
CSS	Mathiatis	2.04	122	eP	22 31 17.5	-0.5
CSS	Mathiatis	2.04	122	eP	22 31 18.9	+0.9
CSS	Mathiatis	2.04	122	eP	22 31 40.6	-1.7
CSS	Mathiatis	2.04	122	P	22 31 17.2	-0.8
CSS	Mathiatis	2.04	122	S	22 31 40.4	-1.9
KONT	Konya-Tatoy	2.08	25	eP	22 31 18.5	-0.2
KONT	Konya-Tatoy	2.08	25	eP	22 31 18.5	-0.2
TURN	Turunc	2.26	292	iP	22 31 24.3	+3.4
TURN	Turunc	2.26	292	iS	22 31 52.1	+4.4
TURN	Turunc	2.26	292	P	22 31 24.3	+3.4
TURN	Turunc	2.26	292	P	22 31 52.1	+4.4
LADK	Ladik-KONYA	2.32	23	eP	22 31 21.9	0.0
LADK	Ladik-KONYA	2.32	23	eP	22 31 21.9	0.0
KIZK	Mersin	2.39	79	iS	22 31 24.3	+3.4
KIZK	Mersin	2.39	79	iS	22 31 54.2	+3.3
KIZK	Mersin	2.39	79	P	22 31 24.7	+1.9
KIZK	Mersin	2.39	79	P	22 31 54.2	+3.3
DENT	Denizli	2.44	314	eP	22 31 23.5	0.0
DENT	Denizli	2.44	314	eP	22 31 23.5	0.0
PHNC	Paralimni	2.52	114	P	22 31 25.1	+0.5
PHNC	Paralimni	2.52	114	P	22 31 25.1	+0.5
PHNC	Paralimni	2.52	114	P	22 31 25.1	+0.5
PHNC	Paralimni	2.52	114	P	22 31 25.1	+0.5
SHUT	Suhut-Afyon	2.54	348	eP	22 31 24.7	+0.3
SHUT	Suhut-Afyon	2.54	348	eP	22 31 24.7	+0.3
KDHN	Kadinhani	2.55	16	P	22 31 06.9	+1.8
KDHN	Kadinhani	2.55	16	P	22 31 51.1	-3.9
KDHN	Kadinhani	2.55	16	P	22 31 24.3	-0.8
KDHN	Kadinhani	2.55	16	P	22 31 51.1	-3.9
UZP	Denizli	2.56	321	P	22 31 26.2	+0.9
UZP	Denizli	2.56	321	P	22 31 55.9	+0.7
YER	Yerkesik	2.60	295	eP	22 31 25.9	+0.1
YER	Yerkesik	2.60	295	eP	22 31 25.9	+0.1
KHL	Karahalli	2.63	329	eP	22 31 26.1	-0.1
KHL	Karahalli	2.63	329	eP	22 31 26.1	-0.1
YESY	Yesilyurt	2.65	48	eP	22 31 26.0	-0.4
YESY	Yesilyurt	2.65	48	eP	22 31 26.0	-0.4
KHAL	Karahalli	2.69	329	iS	22 31 27.3	+0.3
KHAL	Karahalli	2.69	329	iS	22 31 57.5	-0.8
KHAL	Karahalli	2.69	329	P	22 31 27.3	+0.3
KHAL	Karahalli	2.69	329	P	22 31 57.5	-0.8
KERG	Konya-Eregli	2.69	59	iP	22 31 29.0	+2.0
KERG	Konya-Eregli	2.69	59	iS	22 31 29.0	+2.0
KERG	Konya-Eregli	2.69	59	P	22 31 29.0	+2.0
KERG	Konya-Eregli	2.69	59	P	22 31 08.2	+5.5
SULT	Sultanhanı-AKS	2.81	40	eP	22 31 28.8	+0.2
SULT	Sultanhanı-AKS	2.81	40	eP	22 31 28.8	+0.2
CHBY	Chanbeyli	2.84	27	eP	22 31 28.9	-0.2
CHBY	Chanbeyli	2.84	27	eP	22 31 28.9	-0.2
KIZT	Kizilcal	2.86	10	eP	22 31 29.0	-0.3
KIZT	Kizilcal	2.86	10	eP	22 31 29.0	-0.3
DIED	Mersin	3.01	72	iP	22 31 33.8	+2.4
DIED	Mersin	3.01	72	iS	22 32 08.0	+1.7
MLSB	Milas	3.03	295	eP	22 31 32.9	+0.7
MLSB	Milas	3.03	295	eP	22 31 32.3	+0.6
AYDN	Tasoluk	3.12	302	iP	22 31 35.2	+2.3
AYDN	Tasoluk	3.12	302	iS	22 31 35.2	+2.3
AYDN	Tasoluk	3.12	302	P	22 31 35.2	+2.3
AYDN	Tasoluk	3.12	302	P	22 32 07.1	+1.5
KULA	Kula-Manisa	3.19	321	eP	22 31 34.1	+0.3
KULA	Kula-Manisa	3.19	321	eP	22 31 34.1	+0.3
BDRM	Kayabasi	3.21	289	iP	22 31 35.0	+1.0
BDRM	Kayabasi	3.21	289	iS	22 32 09.4	-1.5
BDRM	Kayabasi	3.21	289	P	22 31 35.0	+1.0

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
BDRM	Manisa	3.22	319	iP	22 32 09.4	-1.5
MANT	Manisa	3.22	319	iS	22 32 34.0	-0.4
MANT	Manisa	3.22	319	P	22 32 08.7	-3.0
MANT	Manisa	3.22	319	P	22 32 34.0	-0.4
AYDB	Zeytinokoy-Aydi	3.27	306	eP	22 32 08.7	-3.0
AYDB	Zeytinokoy-Aydi	3.27	306	eP	22 32 34.0	-0.4
KULU	Kulu	3.29	25	eP	22 31 35.4	+0.5
KULU	Kulu	3.29	25	eP	22 31 35.9	+0.6
KARA	Karaisali	3.30	68	eP	22 31 35.9	+0.6
KARA	Karaisali	3.30	68	eP	22 31 36.1	+0.8
BODR	Bodrum	3.31	289	eP	22 31 35.9	+0.6
BODR	Bodrum	3.31	289	eP	22 31 35.7	+0.3
GULA	Gulagac	3.31	46	eP	22 31 36.6	+1.1
GULA	Gulagac	3.31	46	eP	22 31 36.6	+1.1
NIS1	Nisyros Isl.	3.31	280	eP	22 31 36.3	+0.8
NIS1	Nisyros Isl.	3.31	280	eP	22 31 36.3	+0.8
KARP	Karpathos	3.34	262	S	22 31 36.5	+0.6
KARP	Karpathos	3.34	262	S	22 32 13.4	-1.1
KARP	Karpathos	3.34	262	P	22 31 36.5	+0.6
KARP	Karpathos	3.34	262	P	22 32 13.4	-1.1
SVRH	Sivrihisar-ESK	3.38	4	eP	22 31 35.9	-0.6
SVRH	Sivrihisar-ESK	3.38	4	eP	22 31 35.9	-0.6
KRTS	Karatas	3.39	80	eP	22 31 37.7	+1.3
KRTS	Karatas	3.39	80	eP	22 31 37.7	+1.3
NIG	Nigde	3.39	52	eP	22 31 37.4	+0.7
NIG	Nigde	3.39	52	eP	22 31 37.4	+0.7
ESKT	Eskisehir	3.46	355	eP	22 31 37.6	+0.8
ESKT	Eskisehir	3.46	355	eP	22 31 37.6	+0.8
YAYX	Yaylak	3.53	35	eP	22 31 39.3	+0.8
YAYX	Yaylak	3.53	35	eP	22 31 39.3	+0.8
DEMI	Demirci	3.58	327	iP	22 31 39.3	+0.1
DEMI	Demirci	3.58	327	iS	22 32 19.4	-0.9
DEMI	Demirci	3.58	327	P	22 31 39.3	+0.1
DEMI	Demirci	3.58	327	P	22 32 19.4	-0.9
TVSB	Tavsanli	3.66	338	eP	22 31 40.2	-0.1
TVSB	Tavsanli	3.66	338	eP	22 31 40.2	-0.1
AFSR	Af-ar-Bala	3.68	23	eP	22 31 41.0	+0.5
AFSR	Af-ar-Bala	3.68	23	eP	22 31 41.0	+0.5
CEYT	Ceyhan	3.76	74	eP	22 31 42.7	+1.1
CEYT	Ceyhan	3.76	74	eP	22 31 42.7	+1.1
BBAL	Bala	3.78	23	iP	22 31 41.1	-0.8
BBAL	Bala	3.78	23	iS	22 32 21.9	-3.4
BBAL	Bala	3.78	23	P	22 31 41.1	-0.8
BBAL	Bala	3.78	23	P	22 32 21.9	-3.4
AMUH	MIHALICIK	3.80	3	iP	22 32 21.9	-3.4
AMUH	MIHALICIK	3.80	3	iP	22 32 21.9	-3.4
AMUH	MIHALICIK	3.80	3	P	22 32 22.9	-2.9
AMUH	MIHALICIK	3.80	3	P	22 32 22.9	-2.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Varto-Mus, ZKATA, ZKTA, GANJ, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H11S1, H11S3, NOA, etc.

WEL 19 23:36:43.2±0.1, 43°50'S-172°53'E, h9km, ML3.9/18, 2C-3D, Error ellipse: s-maj=0.7km s-min=0.5km az=90.0, South Island

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

2011 JAN

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

YARS 20 00:38:30.0±0.1, 56°38'N-0°01'120°99'E±0°01', h10km, East Siberia

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

IDC 20 00:21:49.8±53.0, 13.68S-165°92'E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.7/3, mbtmp4.0/3, MS2.7/1, Ms1 2.7/1, ms1mx2.5/2.3, Error ellipse: s-maj=88.4km s-min=102.0km az=64.0, Vanuatu Islands

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

IDC 20 00:43:28.9±9.4, 15°01'N-103°52'W, h0km, mb3.2/3, mb1 3.8/4, mb1mx3.6/2.9, mbtmp3.5/4, ML3.0/1, MS3.1/5, Ms1 3.1/5, ms1mx2.9/1.3, Error ellipse: s-maj=302.9km s-min=98.0km az=106.0, Off coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H06E1, CMIG, TXAR, etc.

IDC 20 00:24:43.9±1.3, 15°19'N-104°58'W, h0km, mb3.8/8, mb1 4.1/2, mb1mx4.0/3.3, mbtmp3.9/1.2, ML3.5/3, MS3.7/1.6, Ms1 3.8/1.6, ms1mx3.6/2.8, Error ellipse: s-maj=43.1km s-min=20.2km az=57.0, NEIC 20 00:24:45.6±15.39N-104°40'W, h1km, MD4.3(MEX), After MEX

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

IDC 20 00:58:00.0±0.8, 60°9'S-2°26'44'W±0.2, h26km, n16, ±1973/11, mb4.3/4, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like VNA1, VNA3, VNA2, etc.

IDC 20 00:49:8.1±1.1, 15°48'N-0°09'104°3'W±0.1, h35km, n45, ±1527/31, mb3.7/8, MS3.8/12, Off coast of Michoacan

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

WEL 20 00:58:35.2±0.3, 39°64'S-178°87'E, h33km, ML3.6/7, Error ellipse: s-maj=2.6km s-min=1.3km az=90.0, Off east coast of North Island

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

IDC 19 23:54:16.6±1.2, 21°47'S-66°68'W, h213km±20km, mb3.6/1, mb1 3.5/4, mb1mx3.1/2.3, mbtmp4.0/4, Error ellipse: s-maj=36.3km s-min=14.0km az=109.0

SJA 19 23:54:17.4±0.4, 21°41'S-66°56'W, h226km±8km, ML2.7, MW3.0

IGC 19 23:54:17.8±0.5, 21°37'S-67°23'W, h263km±12km, ML4.1

ISCBJ 19 23:54:18.0±0.5, 21°42'S-66°82'W±0.4, h207km, mb3.7/1, Error ellipse: s-maj=7.3km s-min=4.6km az=31.2

ISC 19 23:54:17.4±1.1, 21°39'S-66°77'W±0.05, h207km, n18, ±115/27, 1D, Southern Bolivia

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

IDC 20 00:58:35.2±0.3, 39°64'S-178°87'E, h33km, ML3.6/7, Error ellipse: s-maj=2.6km s-min=1.3km az=90.0, Off east coast of North Island

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

IDC 20 01:04:42.2±1.4, 26°55'N-144°34'E, h0km, mb3.3/4,

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

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like FEO Feodosiya, ARR Arges, DID Didima, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like VSR Storozhevo, VRAC Vranov, VRH Novokhopkovy, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like YKA Yellowknife Ar, ILAR Eielson Array, KRNK 20 02:11:25.0, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AYKD, AYKB, HCB, KOZAN, etc.

IDC 20 02:17:57.3:0.6,2.90S:-142.04E,h0km,mb4.2/15, mb1 4.4/17, mb1mx4.3/30, mbtmp4.2/17, ML4.1/2, MS3.7/13, Ms1 3.7/13, ms1mx3.4/34, Error ellipse: s-maj=21.4km s-min=14.0km az=77.0

ISCJB 20 02:18:00.4:0.4,2.90S:0.04E:142.04E:0.06,h30km, mb4.4/22, MS3.6/8, Error ellipse: s-maj=8.6km s-min=5.2km az=176.4

NEIC 20 02:18:05.1:1.3,2.92S:-141.83E,h52km,11km,mb4.5/16, Error ellipse: s-maj=13.9km s-min=8.1km az=56.0

DJA 20 02:18:10.8:2.0,3.9S:9.141E, h11km,14km,M4.4/14, mb4.8/14, mb5.1/5, MLv4.2/1, Mw(mb)4.4/5

ISC 20 02:18:02.1:0.5,2.87S:0.06E:142.05E:0.08,h30km,n75, s155/66,mb4.5/32,MS3.6/8,Near north coast of New Guinea

Main table for the first column containing station data for JAY, GENI, PMG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TKM2, VANDA, VNDA, etc.

ISCJB 20 02:41:01.7:0.8,23.74S:0.07E:66.75W:0.07,h200km, mb3.0/2, Error ellipse: s-maj=10.9km s-min=8.4km

GUC 20 02:41:03.1:0.3,23.95S:67.22W,h219km,11km,ML4.0

IDC 20 02:41:04.6:2.4,23.57S:66.56W,h213km,23km,mb2.8/2, mb1 3.2/5, mb1mx3.0/24, mbtmp3.6/5, Error ellipse: s-maj=23.9km s-min=19.2km az=77.0

ISC 20 02:41:02.2:1.0,23.75S:0.09E:66.80W:0.08,h200km,n11, s151/17,2C,JuJuy Province

Main table for the second column containing station data for LVC, PB06, etc.

IDC 20 02:59:23.7:1.1,26.94N:144.01E,h0km,mb3.4/3, mb1 3.6/4, mb1mx3.3/33, mbtmp3.4/4, ML3.5/1, Error ellipse: s-maj=266.7km s-min=27.9km az=75.0, Bonin Islands region

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

CSEM 20 03:05:45.8:0.3,41.25N:43.99E,h5km,MD2.9, Error ellipse: s-maj=6.8km s-min=4.8km az=160.0

TIF 20 03:05:45.5:41.31N:44.04E,h11km,1km

ISCJB 20 03:05:46.4:0.8,41.30N:0.05E:43.96E:0.05,h10km, Error ellipse: s-maj=7.5km s-min=5.5km az=163.8

DDA 20 03:05:46.6:41.12N:44.17E,h9km,MD2.9

ISC 20 03:05:45.7:1.0,41.25N:0.04E:44.00E:0.04,h10km,n10, s140/17, Western Caucasus

Main table for the third column containing station data for AKH, AKH, etc.

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

IDC 20 03:16:30.9:2.4,26.58N:144.445E,h0km,mb3.3/4, mb1 3.4/5, mb1mx3.2/52, mbtmp3.4/5, ML3.1/1, Error ellipse: s-maj=70.0km s-min=28.0km az=68.0, Bonin Islands region

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

MEX 20 03:26:34.5:0.6,15.35N:93.42W,h85km,6km,MD3.6, Near coast of Chiapas

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

IDC 20 03:29:12.9:0.7,0.35N:126.24E,h5km,mb4.2/14, mb1 4.2/15, mb1mx4.0/51, mbtmp4.2/15, ML3.0/1, MS3.2/1, Ms1 3.2/1, ms1mx2.5/44, Error ellipse: s-maj=32.6km s-min=14.4km az=75.0

ISCJB 20 03:29:17.4:0.3,0.39N:0.04E:126.42E:0.04,h47km, mb4.2/18, Error ellipse: s-maj=6.0km s-min=5.3km

NEIC 20 03:29:17.5:0.4,0.34N:126.29E,h35km,mb4.0/2, Error ellipse: s-maj=11.4km s-min=9.5km az=90.0

DJA 20 03:29:18.4:1.6,0.4N:126.16E, h32km,23km,M4.0/10, MLv4.0/10

ISC 20 03:29:18.9:0.6,0.35N:105.126E:0.05,h47km,n34, s169/36,mb4.2/18,Northern Molucca Sea

Main table for the fourth column containing station data for TNTI, WRA, etc.

IDC 20 03:33:25.2:1.3,27.99N:154.26E,h0km,mb3.6/10, mb1 3.7/11, mb1mx3.5/52, mbtmp3.7/11, ML3.5/1, MS3.6/1, Ms1 3.6/1, ms1mx2.4/46, Error ellipse: s-maj=28.3km s-min=22.2km az=154.0

ISCJB 20 03:33:26.0:0.7,27.83N:0.07E:154.16E:0.06,h17km, mb3.6/10, MS3.7/1, Error ellipse: s-maj=10.4km s-min=7.7km az=31.2

CSEM 20 03:33:28.7:0.5,27.89N:154.26E,h19km,ML3.4, Error ellipse: s-maj=14.1km s-min=4.9km az=11.0

TEH 20 03:33:20.2:27.85N:154.23E,h33km,ML3.4

ISC 20 03:33:27.8:0.7,27.86N:0.07E:154.26E:0.04,h17km,n46, s127/46,mb3.6/10,6C-11D,Southern Iran

Main table for the fifth column containing station data for GHR, GHR, etc.

IDC 20 03:33:25.2:1.3,27.99N:154.26E,h0km,mb3.6/10, mb1 3.7/11, mb1mx3.5/52, mbtmp3.7/11, ML3.5/1, MS3.6/1, Ms1 3.6/1, ms1mx2.4/46, Error ellipse: s-maj=28.3km s-min=22.2km az=154.0

ISCJB 20 03:33:26.0:0.7,27.83N:0.07E:154.16E:0.06,h17km, mb3.6/10, MS3.7/1, Error ellipse: s-maj=10.4km s-min=7.7km az=31.2

CSEM 20 03:33:28.7:0.5,27.89N:154.26E,h19km,ML3.4, Error ellipse: s-maj=14.1km s-min=4.9km az=11.0

TEH 20 03:33:20.2:27.85N:154.23E,h33km,ML3.4

ISC 20 03:33:27.8:0.7,27.86N:0.07E:154.26E:0.04,h17km,n46, s127/46,mb3.6/10,6C-11D,Southern Iran

Main table for the sixth column containing station data for GHR, GHR, etc.

20d 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BND5, IBND, NGRK, IKAZ, KRBK, TVBK, etc.

ISC 20 03:36:24.0.10.0, 26:81N, 127:20E, h108km, 70km, mb3.3/5, mb1 3.5/6, mb1mx3.1/54, mbtmp3.7/6, ML3.4/3.1, Error ellipse: s-maj=110.3km s-min=34.6km az=2.0

ISCJB 20 03:36:30.0.0.4, 27:48N, 107:127:25E, 0.07, h149km, 7km, mb3.4/5, Error ellipse: s-maj=15.4km s-min=4.0km az=138.9

JMA 20 03:36:32.0.2.0, 27:57N, 127:24E, h130km, 4km, M3.9

ISC 20 03:36:31.0.0.8, 27:47N, 107:127:29E, 0.06, h150km, 8km, n32, r1916/49, mb3.5/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIH, JAGN, JOKE, JNTH, etc.

2011 JAN

0.3nm, 0.6s, baz=72, slow=4.7, SNR=3.4 YKA 0.4nm, 0.5s, baz=299, slow=5.4, SNR=7.1 P 03 48 12.0 +0.8

ISCJB 20 03:37:49.0.0.7, 28:95N, 102:59E, 0.09, h10km, mb3.2/4, MS4.0/1, Error ellipse: s-maj=12.2km s-min=5.3km az=13.4

IDC 20 03:37:49.5.1.2, 28:79N, 102:17E, h0km, mb3.4/4, mb1 3.5/5, mb1mx3.2/57, mbtmp3.4/5, ML3.3/1, MS4.2/1, Ms1 4.2/1, ms1mx2.7/36, Error ellipse: s-maj=76.9km s-min=20.7km az=60.0

BUI 20 03:37:53.8, 29:01N, 102:37E, h22km, ML3.3/19, Ms3.3/1, Ms7.3/1/2

ISC 20 03:37:51.9.0.28, 96N, 102:4E, 0.1, h10km, n10, r1988/11, mb3.2/4, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CD2, KMI, XAN, WMQ, etc.

MOS 20 03:44:18.1, 0.9, 59:93S, 27:43W, h72km, mb5.3/13, MS4.2/4, Error ellipse: s-maj=27.0km s-min=12.0km az=104.6

ISCJB 20 03:44:20.3.0.2, 59:93S, 27:43W, h93km, mb5.2/38, Error ellipse: s-maj=8.2km s-min=5.0km az=40.5

IDC 20 03:44:20.7.0.6, 59:91S, 27:47W, h83km, 5km, mb4.9/18, mb1 4.9/19, mb1mx4.9/24, mbtmp3.2/19, MS4.3/16, Ms1 4.3/16, ms1mx4.3/16, Error ellipse: s-maj=13.6km s-min=9.9km az=43.0

GCMT 20 03:44:25.8.0.2, 60:22S, 26:84W, h73km, 1km, MW5.2/101, Moment Tensor Solution, s83, c132, s101, c169; Duration: 1s0 Moment tensor: Scale 1017Nm; Mn=0.53z, 0.02; Mw=0.01z, 0.02; Mxx=0.53z, 0.02; Mxy=0.56z, 0.01; Mxz=0.32z, 0.02; Myz=0.39z, 0.01; Best double couple: M=0.87500z, 0.1017 Np1.1, 11.00000z, 0.64.00000z, 1.5.00000z, NP2.0, 128.00000z, 0.47.00000z, 1.42.00000z. Principal axes: T 0.7030, P10.0000z, Azm73.0000z, N 0.3440, P195.0000z, Azm170.0000z; P 1.0470, P193.0000z, Azm53.0000z; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 20 03:44:25.8, 1.1, 59:94S, 27:48W, h130km, 9km, mb5.2/21, Error ellipse: s-maj=7.8km s-min=6.0km az=222.0

ISC 20 03:44:21.7, 0.2, 59:91S, 27:53W, 0.06, h93km, n221, r1533/263, mb5.2/36, 8C-10D, South Sandwich Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HOPE, HOPE, VNA1, etc.

PMSA 20 03:47:87.18, 2s, baz=80, slow=34, 123nm, 0.9s

PLCA 20 03:47:19.0, 7s, baz=169, slow=8.4, SNR=35, comp=2.19nm, 0.7s, baz=169, slow=8.4, SNR=35

PLCA 20 03:47:22.2nm, 1.0s, baz=136, slow=5.7, SNR=4.0

SUCO 20 03:47:43.0nm, 21.8s, baz=156, slow=34, 36.11 300 eP

MAW 20 03:47:59.0, 5s, baz=238, slow=10, SNR=27, comp=2.28nm, 0.9s, baz=238, slow=10, SNR=27

MAW 20 03:48:00.4, 3nm, 0.7s, baz=180, slow=4.0, SNR=3.9

MAW 20 03:48:01.2, 1nm, 0.8s, baz=275, slow=6.8, SNR=30, comp=2.2nm, 0.8s, baz=275, slow=6.8, SNR=30

TCA 20 03:48:01.3, 71 303j eP

PLCA 20 03:48:01.3, 2.2nm, 1.0s, baz=136, slow=5.7, SNR=4.0

SUCO 20 03:48:01.3, 430nm, 21.8s, baz=156, slow=34, 36.11 300 eP

MAW 20 03:48:01.3, 4.5nm, 0.5s, baz=238, slow=10, SNR=27, comp=2.28nm, 0.9s, baz=238, slow=10, SNR=27

MAW 20 03:48:01.3, 4.3nm, 0.7s, baz=180, slow=4.0, SNR=3.9

MAW 20 03:48:01.3, 2.1nm, 0.8s, baz=275, slow=6.8, SNR=30, comp=2.2nm, 0.8s, baz=275, slow=6.8, SNR=30

TCA 20 03:48:01.3, 71 303j eP

PLCA 20 03:48:01.3, 2.2nm, 1.0s, baz=136, slow=5.7, SNR=4.0

SUCO 20 03:48:01.3, 430nm, 21.8s, baz=156, slow=34, 36.11 300 eP

MAW 20 03:48:01.3, 4.5nm, 0.5s, baz=238, slow=10, SNR=27, comp=2.28nm, 0.9s, baz=238, slow=10, SNR=27

MAW 20 03:48:01.3, 4.3nm, 0.7s, baz=180, slow=4.0, SNR=3.9

MAW 20 03:48:01.3, 2.1nm, 0.8s, baz=275, slow=6.8, SNR=30, comp=2.2nm, 0.8s, baz=275, slow=6.8, SNR=30

TCA 20 03:48:01.3, 71 303j eP

PLCA 20 03:48:01.3, 2.2nm, 1.0s, baz=136, slow=5.7, SNR=4.0

SUCO 20 03:48:01.3, 430nm, 21.8s, baz=156, slow=34, 36.11 300 eP

MAW 20 03:48:01.3, 4.5nm, 0.5s, baz=238, slow=10, SNR=27, comp=2.28nm, 0.9s, baz=238, slow=10, SNR=27

996

AMOG MOGNA 39.75 298j eP P 03 51 46.4 +1.3

AGUA GUANDACOL 40.99 299j eP P 03 51 57.1 +1.7

AHML Horco Molle 41.95 71 P P 03 52 04.9 +1.6

LCO Las Campanas 42.38 197 eP P 03 52 07.5 +0.6

VNDA Vanda 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

VNDA 42.70 283 P P 03 52 09.8 +1.2

Table with columns for station name, frequency, and other parameters. Includes stations like WRA, WRAB, KEST, ESDC, TXAR, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like SUMG, ARU, DAG, WMQ, YKA, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like PAX, ULN, Talaya, TLY, etc.

KRNET 20 03:49:57.2.0.1,39:38N*74.76E,mb2.4,14C-2D, Southern Xinjiang

Table with columns for Code, Station Name, Frequency, and other parameters. Includes stations like OHH, ARLS, ARLS, etc.

NIED 20 03:53:00,45:40N,151:40E,h11km,Mw4.0 Best double couple: Mb1.060000*1015.1119g=16.00000*849.00000*1.53.00000: NP2=235.00000*850.00000*7.121.00000: JMA 20 03:53:50.6.0.5,45:36N,151:44E,h30km,MM,4-4. ISCJB 20 03:53:50.3.0.7,44:34N,151:45E,0.08,h36km,mb3.8/15,Error ellipse: s-maj=15.0km s-min=4.8km az=152.4 SKHL 20 03:53:53.6.0.6,44:33N,151:41E,h73km,8km,mb4.8/2 IDC 20 03:53:54.4.1.0,46:32N,150:87E,h0km,mb3.8/13,mb1.3/9,18,mb1mx2.8/52,mbtmp3.8/18,ML3.3/4,MS3.1/3,Ms1.3/13,ms1mx2.9/34,Error ellipse: s-maj=25.4km s-min=16.7km az=139.0 MOS 20 03:53:54.0.2.8,44:30N,151:40E,h55km,mb4.2/8,Error ellipse: s-maj=12.3km s-min=1.4km az=158.2 ISC 20 03:53:50.6.0.9,44:39N,150:09,15:56E,0.08,h36km,az=1879.50,mb3.8/15,East of Kuril Islands

Table with columns for Code, Station Name, Frequency, and other parameters. Includes stations like KUR, SHO, YUK, etc.

1001

Table with columns: Station Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like TYV, NKL, GAMB, etc.

2011 JAN

Table with columns: Station Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like RAGM, EGAK, BOD, etc.

20d 5h

Table with columns: Station Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like GTA, LZH, HAWA, etc.

20d 5h

Table with columns for location (e.g., MCMST, GYA, BOZ), coordinates, and performance metrics (e.g., 50.75, 66, eP, P).

2011 JAN

Table with columns for location (e.g., PKM, A28A, ISA), coordinates, and performance metrics (e.g., 54.02, 79, P, P).

1002

Table with columns for location (e.g., SLVN, I26A, J25A), coordinates, and performance metrics (e.g., 56.34, 259, eP, P).

231A	Sharp Cattle R	65.87	66	P	P	05 45 18.5 -0.6
R40A	Maddies Statio	65.89	57	P	P	05 45 18.3 -0.9
U37A	Saline	65.99	60	P	P	05 45 18.9 -0.9
TUL1	Leonard	66.05	61	P	P	05 45 19.7 -0.5
TUL1	Leonard	66.05	61	eP	P	05 45 20.0 -0.2
X34A	Smith Ranch, M	66.05	64	P	P	05 45 20.0 -0.2
V36A	Jenks	66.07	61	P	P	05 45 19.7 -0.6
W35A	Tecumseh	66.10	63	P	P	05 45 20.0 -0.6
Y33A	Hilltop Ranch,	66.11	65	P	P	05 45 20.1 -0.5
Z32A	Haskell	66.22	66	P	P	05 45 20.6 -0.7
131A	Roby	66.24	67	P	P	05 45 21.5 0.0
S40A	Lebanon	66.33	58	P	P	05 45 21.1 -0.8
U38A	Gravette	66.33	60	P	P	05 45 21.1 -0.9
T39A	Cleve	66.36	59	P	P	05 45 20.8 -1.3
PMG	Port Moresby	66.38	199	iP	P	05 45 21.7 -0.7
PMG	PMG				pmax	
V37A	Hulbert	66.39	61	P	P	05 45 22.0 -0.4
W36A	Wetumka	66.42	64	P	P	05 45 22.4 -0.3
230A	Sterling City	66.48	68	P	P	05 45 23.0 -0.1
Y34A	Reagan Ranch,	66.59	64	P	P	05 45 23.2 -0.5
Z33A	Whitaker Ranch	66.61	65	P	P	05 45 23.2 -0.6
SFIN	Lafayette	66.62	52	P	P	05 45 22.9 -0.8
X35A	Drake	66.65	63	P	P	05 45 23.5 -0.6
ABTX	Abilene, Hawle	66.67	66	P	P	05 45 24.3 +0.1
ABTX	Abilene, Hawle	66.67	66	eP	P	05 45 24.4 +0.1
T40A	Mansfield	66.67	58	P	P	05 45 23.1 -1.1
V38A	Canehill	66.77	60	P	P	05 45 24.1 -0.8
330A	Mertzton	66.82	68	P	P	05 45 24.8 -0.5
X36A	Centrahoma	66.83	63	P	P	05 45 24.2 -0.9
231A	Bronte	66.86	67	P	P	05 45 24.9 -0.6
Z34A	Collier Ranch,	66.98	64	P	P	05 45 25.6 -0.5
Y35A	Marietta	67.00	63	P	P	05 45 25.9 -0.4
133A	Hamilton Ranch	67.06	66	P	P	05 45 26.2 -0.5
TX31	Lajitas Ar. Si	67.12	71	eP	P	05 45 28.0 +0.7
TXAR	Lajitas Aray	67.12	71	P	P	05 45 27.8 +0.6
TXAR	comp=Z,19nm,0.8s,baz=298,slow=4,S,SNR=206			LR	LR	06 13 13.8
TXAR	comp=Z,37nm,19.4s,baz=0,slow=35					
TXAR	Lajitas Aray	67.12	71	P	P	05 45 27.8 +0.6
TXAR	comp=Z,18nm,0.8s			pmax	pmax	
232A	Coleman	67.25	67	P	P	05 45 27.8 -0.1
331A	San Angelo	67.30	68	P	P	05 45 27.9 -0.3
X37A	Clayton	67.30	62	P	P	05 45 27.6 -0.6
W38A	Poteau	67.35	61	P	P	05 45 27.9 -0.6
Z35A	Perchenon, San	67.35	64	P	P	05 45 28.0 -0.5
Y36A	Durant	67.39	63	P	P	05 45 28.2 -0.5
OLIL	Olney	67.49	54	eP	P	05 45 28.9 -0.4
X38A	Whitesboro	67.51	61	P	P	05 45 29.2 -0.3
134A	White-Moore R	67.52	65	P	P	05 45 29.3 -0.3
233A	Rising Star	67.53	66	P	P	05 45 29.3 -0.5
332A	Millersview	67.60	67	P	P	05 45 29.8 -0.3
Y37A	Hugo	67.66	62	P	P	05 45 30.3 -0.2
431A	Sonora	67.69	68	P	P	05 45 30.2 -0.5
SBUM	Sibu	67.72	239	eP	P	05 45 32.9 +1.9
SBUM	Sibu			eP	pP	05 45 40.2 -1.2
SIUC	Southern Illin	67.79	55	eP	P	05 45 31.1 -0.1
Z36A	Blue Ridge	67.81	63	P	P	05 45 30.9 -0.7
BLO	Bloomington	67.86	53	eP	P	05 45 30.9 -0.7
135A	Vickey Place,	67.88	65	P	P	05 45 31.5 -0.3
AKASG	Malin Aray Be	67.91	331	eP	P	05 45 30.5 -1.2
AKASG	comp=Z,1.0nm,0.4s,baz=31,slow=6.5,SNR=5.1			LR	LR	06 18 52.5
AKASG	comp=Z,200nm,18.4s,baz=30,slow=99					
AKASG	Malin Aray Be	67.91	331	iP	P	05 45 31.1 -0.6
AKASG	comp=Z,1.0nm,0.4s			pmax	pmax	
HPIG	comp=Z,26nm,1.7s	67.92	74	eP	P	05 45 32.8 +0.4
234A	Clairette	67.94	66	P	P	05 45 32.1 -0.2
432A	Menard	67.97	67	P	P	05 45 32.2 -0.3
PBMO	Poplar Bluff	67.97	57	eP	P	05 45 31.9 -0.5
333A	Richland Sprin	68.04	67	P	P	05 45 32.6 -0.3
GEYT	Alibeck	68.07	305	P	P	05 45 34.0 +1.0
GEYT	comp=Z,8.5nm,0.5s,baz=33,slow=3.5,SNR=8.0			LR	LR	06 20 49.9
MIAR	Mount Ida	68.23	61	P	P	05 45 33.3 -0.7
MIAR	comp=Z,33nm,1.1s	68.23	61	eP	P	05 45 33.8 -0.3
JCT	Junction City	68.28	68	P	P	05 45 34.2 -0.3
JCT	comp=Z,27nm,1.1s	68.28	68	eP	P	05 45 34.6 +0.1
Z37A	Pogue Cattle C	68.28	63	P	P	05 45 33.7 -0.6
WHXT	Lake Whitney,	68.30	65	P	P	05 45 33.8 -0.7
USIN	University of	68.31	54	eP	P	05 45 34.3 -0.1
PARMO	Parma	68.39	57	eP	P	05 45 35.7 +0.7
136A	Ennis	68.39	64	P	P	05 45 34.1 -1.0
334A	Lometa	68.42	66	P	P	05 45 34.6 -0.7
433A	Art	68.43	67	P	P	05 45 34.9 -0.5
Y39A	Locksberg	68.46	61	P	P	05 45 34.9 -0.5
ACSO	Alum Creek Sta	68.56	50	eP	P	05 45 35.8 -0.2
Z38A	Mt. Pleasant	68.56	62	P	P	05 45 35.5 -0.6
MMNY	Mt. Morris Dam	68.60	45	eP	P	05 45 35.1 -1.1
631A	Perrido Creek	68.71	69	P	P	05 45 36.4 -0.7
WCI	Wyandotte Cave	68.73	53	eP	P	05 45 36.7 -0.4
236A	Katherine and	68.77	64	P	P	05 45 36.9 -0.6
434A	Burnet	68.81	66	P	P	05 45 37.1 -0.7
335A	Moody	68.88	65	P	P	05 45 37.7 -0.4

M54A	Oil Creek Stat	68.90	47	P	P	05 45 37.2 -1.0
GLAT	Glass	68.93	56	eP	P	05 45 39.4 +1.0
138A	Matallal Enter	68.98	63	P	P	05 45 38.6 -0.1
533A	Kerrville	69.00	67	P	P	05 45 38.4 -0.5
632A	Uvalde	69.06	68	P	P	05 45 38.7 -0.6
EKA	Eskdalemir Ar	69.07	353	P	P	05 45 38.4 -0.5
336A	Riesel	69.10	65	P	P	05 45 38.9 -0.5
237A	Washetta, Mont	69.14	64	P	P	05 45 38.8 -0.9
435B	Jarrell	69.19	66	P	P	05 45 40.2 +0.1
N54A	Moraine State	69.22	47	P	P	05 45 38.9 -1.2
139A	Bunkhouse Ranc	69.32	62	P	P	05 45 40.6 -0.2
534A	Blanco	69.33	67	P	P	05 45 40.5 -0.5
633A	Saathoff Ranch	69.42	68	P	P	05 45 41.3 -0.2
Z38A	Knoxville	69.49	63	P	P	05 45 41.5 -0.3
23M	Juching	69.51	240	eP	P	05 45 43.2 +1.0
732A	Laxson Ranch,	69.58	69	P	P	05 45 50.7 -1.8
436A	Wall Ranch, Ga	69.61	65	P	P	05 45 42.5 -0.1
WVT	Waverly	69.73	56	eP	P	05 45 42.9 -0.4
832A	Faith Ranch, C	69.93	69	P	P	05 45 44.8 +0.1
833A	Chaparral WMA,	70.20	69	P	P	05 45 46.3 0.0
734A	La Parita Cree	70.23	68	P	P	05 45 47.2 +0.7
OXF	Oxford	70.29	58	eP	P	05 45 46.8 0.0
438A	Sam Houston St	70.31	64	P	P	05 45 46.9 0.0
339A	Huntington	70.31	63	P	P	05 45 47.0 +0.1
O56A	Blue Knob Stat	70.40	47	P	P	05 45 46.4 -1.0
537A	Green Hill Far	70.41	65	P	P	05 45 48.3 +0.8
636A	Smothers Creek	70.51	66	P	P	05 45 48.3 +0.2
340A	Bronson	70.58	63	P	P	05 45 47.5 -1.1
439A	Center Grove,	70.64	64	P	P	05 45 49.9 -1.0
ANN	Anapa	70.65	323	eP	P	05 45 45.5 -3.3
ANN	ANN			e	S	05 46 06.8
ANN	ANN			eS	S	05 54 56.7 -3.4
ANN	ANN			pmax	pmax	
HKT	Hockley	70.77	65	eP	P	05 45 49.9 +0.2
834A	Tilden	70.81	68	P	P	05 45 50.5 +0.5
733A	Laredo	70.83	69	P	P	05 45 50.9 +0.8
936A	Circle Diamond	70.92	67	P	P	05 45 51.5 +0.8
N59A	State Game Lan	70.98	44	P	P	05 45 49.7 -1.3
CLL	Collin	71.00	342	eP	P	05 45 51.0 +0.2
CLL	CLL	71.00	342	eP	P	05 45 51.0 +0.2
835A	Beeville	71.06	68	P	P	05 45 52.4 +0.9
STHS	Stebnicka Huta	71.11	336	eP	P	05 45 50.7 -0.8
STHS	STHS			pmax	pmax	
STHS	STHS			pmax	pmax	
934A	Benavides	71.12	69	eP	pP	05 45 59.3 -2.7
934A	Dobruska-Polom	71.29	339	eP	P	05 45 53.7 +1.0
DPC	Dobruska-Polom	71.29	339	eP	P	05 45 53.2 +0.5
DPC	DPC			e	S	05 46 00.8
DPC	Dobruska-Polom	71.29	339	eP	P	05 45 53.2 +0.5
DPC	DPC			eS	pP	05 46 00.9 +2.3
DPC	DPC			eS	pP	05 46 07.0 0.0
KOLS	Kolonice sedl	71.31	335	eP	pmax	05 45 52.4 -0.4
KOLS	KOLS			pmax	pmax	
KOLS	Kolonice sedl	71.31	335	eP	P	05 45 52.4 -0.4
SWET	Swanewe	71.36	55	eP	P	05 45 52.6 -0.7
540A	Vidor	71.51	64	P	P	05 45 54.6 +0.4
034A	Hebbronville	71.58	69	P	P	05 45 55.3 +0.5
UZH	Uzhgorod	71.59	335	eP	P	05 45 54.5 +0.1
UZH	UZH			e	S	05 46 15.3
LANS	Liptovska Anna	71.76	337	eP	P	05 45 56.8 +1.0
LANS	LANS			e	S	05 46 03.7 +0.5
LANS	LANS			eP	pP	05 46 03.2 -2.8
BUR04	Bucovina Ar. S	71.80	333	eP	P	05 45 55.5 -0.3
CPCT	Cooper Cave	71.82	54	eP	P	05 45 55.9 -0.1
TKL	Tukaleechee C	71.98	53	eP	P	05 45 56.1 -1.0
035A	Encino	71.99	69	P	P	05 45 56.1 -1.1
NKC	Novy Kostel	72.14	342	eP	P	05 45 57.6 -0.1
NKC	NKC			e	S	05 46 05.2
NKC	NKC			e	S	05 46 09.9
NKC	NKC			e	S	05 45 57.6 -0.1
NKC	NKC			eS	pP	05 46 05.2 -3.0
NKC	NKC			eS	pP	05 46 09.3 -2.8
035Z	Hargill	72.39	69	P	P	05 45 59.9 +0.3
LRAL	Lakeview Retre	72.65	57	eP	P</	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DGRG David-gareji, EATA Eleskirt, ERZM Erzurum, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JRY Yrogami san, JHO Hitachi, JAG Ashikaga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRBR Barbar, DQRL Deir Qamar, DQRL Deir Qamar, etc.

CSEM 20 05:50:17.9,0.4,0.38,73N,43.14E,h2km,MD2.7, Error ellipse: s-maj=5.6km s-min=4.3km az=62.0

ISJC 20 05:10:18.1,0.3,38.72N,0.03,43.13E,0.03,h11km,gkm, n18,4074/33,Turkey

THR 20 06:20:16.9,0.4,28.32N,59.23E,h18km,6km,ML3.6 CSEM 20 06:20:17.3,0.6,28.37N,59.24E,h2km,ML3.9, Error ellipse: s-maj=15.0km s-min=7.0km az=151.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCY Chichijima, MJAR Matsushiro Arr, KSRS Korea Array, etc.

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

ISJC 20 06:04:21.2,1.3,31.7S,0.1,69.9W,0.2,h137km, Error ellipse: s-maj=26.8km s-min=6.1km az=39.6

ISJC 20 06:12:01.4,0.9,27.1N,0.1,143.54E,0.10,h10km, mb3.6/7, Error ellipse: s-maj=16.4km s-min=12.3km az=6.4

ISJC 20 06:12:01.5,1.1,27.07N,143.64E,h0km,mb3.5/6, mb1.3/7, mb1mx3.5/6, mbmtmp3.6/6, ML3.6/2, Error ellipse: s-maj=32.4km s-min=19.5km az=76.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RTLS Leoncito, RUSP Uspallata, RUSP Cerro Vidivia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCY Chichijima, MJAR Matsushiro Arr, KSRS Korea Array, etc.

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

ISJC 20 06:04:24.6,0.6,31.73S,70.35W,h15km,2km,ML3.0 SJA 20 06:04:24.2,0.5,31.77S,69.73W,h102km,3km,ML2.8, MW2.7

ISJC 20 06:19:19.1,0.4,33.11N,0.02,35.46E,0.03,h12km,3km, Error ellipse: s-maj=4.8km s-min=3.1km az=26.7

ISJC 20 06:19:19.1,0.3,31.14N,35.45E,h12km,MD2.1, Error ellipse: s-maj=2.7km s-min=1.6km az=117.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AMOG MOGNA, AAGR Agrelo, PEL Peidehue, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCY Chichijima, MJAR Matsushiro Arr, KSRS Korea Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IMON Monand, IMON Monand, IMON Monand, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ABKAR Akbulak array, AKTO Aktyubinsk, YKA Yellowknife Ar, etc.

Table with columns: KRLC Kraliky, DPC Dobruska-Polom, DPC Dobruska-Polom, etc. Includes station codes and names.

Table with columns: MONT Ecomontaea, SNET Serv Nac Est T, SNET, etc. Includes station codes and names.

IDC 20 07:23:42.7-2.6, 54.60N-86.37E, h0km, mb1 3.0/3, mb1mx2.9/51, mbtmp3.0/3, ML2.6/3, Error ellipse: s-maj=21.1km s-min=12.1km az=53.0

ISCJB 20 07:38:22.4-1.3, 27.4S:0.3-72.8E:0.2, h10km, mb3.7/8, MS3.2/2, Error ellipse: s-maj=43.1km s-min=23.0km az=26.0

IDC 20 08:37:09.9-1.4, 1.94N:96.13E, h0km, mb4.0/8, mb1 4.0/10, mb1mx3.7/51, mbtmp3.9/10, ML3.9/2, Error ellipse: s-maj=47.0km s-min=19.7km az=51.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZALV Zalevovo Beam, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, LBTB Lobates, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GSI Gunungsitoli, GSI Gunung Mapi Arr, PSI Pratap, etc.

WEL 20 07:23:43.3-0.2, 45.09S:167.42E, h90km, 2km, ML3.5/11, 4C-2D, Error ellipse: s-maj=2.1km s-min=1.2km az=90.0, South Island

YARS 20 07:42:52.3-2.3, 56.5N:0.6-121.0E:0.3, h10km, Southeastern Siberia

DDA 20 07:45:17.4, 40.67N:41.16E, h7km, MD2.5 CSEM 20 07:45:18.0-0.1, 40.66N:41.15E, h5km, MD2.4, Error ellipse: s-maj=1.9km s-min=1.2km az=145.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DCZ Deep Cove, MSZ Miiford Sound, MZL Mavora Lakes, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like YKLR Yuktali, KHN Khani, IENR lengra, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRAB Northern Creek, ASAR Alice Springs, etc.

ISCJB 20 07:32:02.8-0.7, 50.27N:0.05-19.18E:0.03, h0km, Error ellipse: s-maj=7.3km s-min=2.8km az=10.7 CSEM 20 07:32:03.9-0.3, 50.26N:19.21E, h2km, ML2.6/4, Error ellipse: s-maj=7.4km s-min=2.8km az=9.0

IDC 20 07:52:48.3-2.6, 6.55S:155.48E, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.5/37, mbtmp3.7/4, ML2.1/1, MS2.8/1, Ms1 2.8/1, ms1mx2.5/20, Error ellipse: s-maj=84.4km s-min=37.1km az=122.0, Bougainville-Solomon Islands region

SOME 20 08:40:17.5, 39.77N:71.18E, h10km KRNET 20 08:40:17.1-0.1, 39.83N:71.15E, mb3.3 NNC 20 08:40:24.2-1.5, 40.06N:71.03E, h8km, 5km, mb3.6, mpv3.1, Error ellipse: s-maj=11.1km s-min=5.8km az=2.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OJC Ojcow, OKC Ostrava-Krasne, NIE Niedzica, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MAN 20 07:53:34, 12:36N-120:78E, h24km, mb4.4, ML3.2, MS3.1, 1D, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BTK Batken, OHH Ost, ARK Arkit, etc.

20d 9h

Table with columns: AAK, Station Name, Az, El, P, Pg, Time, Res. Includes stations like Makanchi, Kurchatov, Borovoye, etc.

ISCJB 20 08:42:11.1±0.2, 27.2N; 0.1±143.58E; 0.09, h10km, mb3.7/6, Error ellipse: s-maj=15.7km s-min=11.2km az=173.3

IDC 20 08:42:11.3±1.0, 27.15N; 143.61E, h0km, mb3.7/6, mb1.4/0.8, mb1mx3.7/37, mbtmp3.7/8, ML3.5/2, Error ellipse: s-maj=23.6km s-min=21.8km az=101.0

ISC 20 08:42:12.9±1.0, 27.22N; 0.1±143.51E; 0.09, h10km, n9, c0569/10, mb3.6/6, Bonin Islands region

Table with columns: Code, Station Name, Az, El, P, Pg, Time, Res. Includes stations like Chichijima, Matsushiro, Korea Array, etc.

MAN 20 08:45:08.9; 30N; 125°50'E, h10km, mb4.1, ML2.9, MS2.6, ID, Mindanao

Table with columns: Code, Station Name, Az, El, P, Pg, Time, Res. Includes stations like Butuan, Surigao, Maunabo, etc.

ISCJB 20 08:57:06.7±0.5, 37.29N; 0.04; 72.07E; 0.08, h130km, mb3.4/5, Error ellipse: s-maj=9.4km s-min=4.8km az=155.0

IDC 20 08:57:07.8±5.6, 37.36N; 72.15E, h119km; 41km, mb3.3/5, mb1.3/4/1, mb1mx3.1/62, mbtmp3.7/11, Error ellipse: s-maj=50.1km s-min=33.9km az=153.0

NCC 20 08:57:15.1±1.8, 37.89N; 71.92E, h155km; 22km, mb3.2, mp4.0, Error ellipse: s-maj=16.3km s-min=10.9km az=16.0

ISC 20 08:57:07.4±0.3, 37.36N; 0.06; 72.15E; 0.09, h130km, n39, c25/45/46, mb3.6/5, 6C-6D, Tajikistan

Table with columns: Code, Station Name, Az, El, P, Pg, Time, Res. Includes stations like Almayashu, Manas, MNAS, Uchtor, KZAY, Erkin-Say, etc.

2011 JAN

Table with columns: MAKZ, Station Name, Az, El, P, Pg, Time, Res. Includes stations like Makanchi, Kurchatov, Borovoye, etc.

DDA 20 08:59:07.7, 38.90N; 30.27E, h7km, Md2.6, ISCJB 20 08:59:08.3±0.7, 38.92N; 0.03; 30.0E; 0.04, h3km, 8km, Error ellipse: s-maj=5.5km s-min=4.0km az=156.6

CSEM 20 08:59:08.0±0.2, 38.89N; 30.28E, h10km, MD2.7, Error ellipse: s-maj=5.9km s-min=5.0km az=31.0

ISK 20 08:59:08.0, 38.89N; 30.29E, h10km, MD2.7, ISC 20 08:59:08.4±1.1, 38.89N; 0.02; 30.27E; 0.03, h8km; 11km, n27, c1501/43, Turkey

Table with columns: Code, Station Name, Az, El, P, Pg, Time, Res. Includes stations like Suhut-Afyon, Bolvadin, Eskisehir, etc.

IDC 20 09:10:31.3±2.8, 55°41'N; 86°20'E, h0km, mb1.3/1/3, mb1mx2.0/59, mbtmp3.1/3, ML2.7/3, Error ellipse: s-maj=25.4km s-min=16.4km az=68.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, El, P, Pg, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, KURBB, etc.

IDC 20 09:18:53.6±2.6, 53.72N; 88.05E, h0km, mb1.3/3/3, mb1mx3.0/49, mbtmp3.3/3, ML2.8/2, Error ellipse: s-maj=21.6km s-min=13.8km az=59.0

NCC 20 09:18:56.4±2.6, 53.77N; 87.57E, h2km; 15km, mb3.7, mp3.4, Error ellipse: s-maj=19.6km s-min=10.9km az=60.0

ISC 20 09:18:56.4±1.0, 53.80N; 0.1±87.8E; 0.2, h10km, n12, c0571/14, 7C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Az, El, P, Pg, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, KURBB, etc.

1008

Table with columns: MK05, Station Name, Az, El, P, Pg, Time, Res. Includes stations like Makanchi, Kurchatov, Borovoye, etc.

NIED 20 09:20:27.40N; 143.40E, h5km, Mw3.9 Best double couple: M9.16000; 1014 NP1.9; 27.00000; 827.00000, lambda-10.00000, NP2.9; 127.00000; 885.00000, lambda-116.00000

IDC 20 09:22:35.9±0.7, 27.12N; 143.44E, h0km, mb4.0/15, mb1.4/2/17, mb1mx4.0/44, mbtmp4.0/17, ML3.6/2, MS3.0/1, Ms1.3/0.1, ms1mx2.5/52, Error ellipse: s-maj=17.2km s-min=15.6km az=74.0

NEIC 20 09:22:37.3±0.5, 27.13N; 143.49E, h10km, mb4.7/3, Error ellipse: s-maj=13.3km s-min=9.9km az=62.0

JMA 20 09:22:39.3±2.3, 27.37N; 143.43E, h67km, M4.4, ISC 20 09:22:37.6±0.6, 27.27N; 0.06; 143.46E; 0.06, h10km, n39, c16147/7, mb4.1/18, Bonin Islands region

Table with columns: Code, Station Name, Az, El, P, Pg, Time, Res. Includes stations like Chichi jima, Chichijima, Haha-jima-NKT, etc.

ISCJB 20 09:22:45.0±7.7, 38.06N; 0.03; 38.14E; 0.03, h1km; 6km, Error ellipse: s-maj=5.1km s-min=4.0km az=136.3

ISK 20 09:22:44.0, 38.11N; 38.12E, h2km, MD2.8, CSEM 20 09:22:45.4±0.2, 38.08N; 38.15E, h5km, MD2.8, Error ellipse: s-maj=6.8km s-min=4.7km az=45.0

DDA 20 09:22:45.7, 38.03N; 38.10E, h7km, Md2.8, ISC 20 09:22:45.7±1.1, 38.07N; 0.03; 38.13E; 0.03, h8km; 10km, n25, c0568/41, Turkey

Table with columns: Code, Station Name, Az, El, P, Pg, Time, Res. Includes stations like DARE, DARE-Malaty, DARE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PINB, KUZU, Kuzuni, Diyarbakir, etc.

JMA 20 09:23:44.6-0.1, 24.14N:125.35E, h48km, M3.9
JMA 20 09:23:56.5-7.2, 24.70N:125.20E, h110km, Z2.9m, mb3.5/9, mb1 3.7/10, mb1mx3.4/4.5, mbtmp3.9/10, ML3.6/1, Error ellipse: s-maj=29.6km s-min=15.5km az=71.0

ISC 20 09:23:41.8-2.4, 24.10N:125.40E, h14km, M3.4, n34, c19300/43, mb3.8/9, Southwestern Ryukyu Islands

Main table for the first section, listing seismic events with station names, coordinates, and magnitudes.

ISK 20 09:25:17.8, 36.88N-28.07E, h3km, MD2.5, Dodecanese Islands

Table for the Dodecanese Islands section, listing stations like YER, YER, BODT, AYDB, etc.

IDC 20 09:25:36.4-0.9, 26.94N:143.36E, h0km, mb3.9/10, mb1 4.1/12, mb1mx3.9/3.9, mbtmp3.9/12, ML3.2, Error ellipse: s-maj=22.0km s-min=17.9km az=44.0

JMA 20 09:25:37.6-0.1, 27.30N:143.74E, h68km, M3.8, NEIC 20 09:25:38.0-0.6, 26.96N:143.31E, h10km, mb4.1/1, Error ellipse: s-maj=15.8km s-min=10.8km az=66.0

ISC 20 09:25:37.5-0.9, 27.11N:0.1:143.44E:0.10, h10km, n27, c1826/22, mb3.9/12, Bonin Islands region

Main table for the second section, listing seismic events with station names, coordinates, and magnitudes.

ISCJB 20 09:26:24.5-0.6, 27.24N:0.06:143.80E:0.05, h10km, mb3.9/15, Error ellipse: s-maj=9.2km s-min=5.3km az=150.5

IDC 20 09:26:24.5-0.7, 27.05N:143.49E, h0km, mb3.9/13, mb1 4.1/15, mb1mx4.0/3.8, mbtmp3.9/15, ML3.4/2, Error ellipse: s-maj=18.6km s-min=15.9km az=171.0

NEIC 20 09:26:26.0-0.5, 27.07N:143.53E, h10km, mb4.4/2, Error ellipse: s-maj=11.8km s-min=9.4km az=68.0

JMA 20 09:26:27.6-0.1, 27.51N:143.40E, h14km, M3.7, ISC 20 09:26:26.3-0.7, 27.14N:0.10:143.53E:0.06, h10km, n33, c0887/37, mb3.9/15, Bonin Islands region

Main table for the third section, listing seismic events with station names, coordinates, and magnitudes.

IDC 20 09:26:40.5-1.8, 27.50S:72.63E, h0km, mb3.8/5, mb1 3.9/6.0, mb1mx3.7/3.3, mbtmp3.8/5, Error ellipse: s-maj=55.9km s-min=36.2km az=15.0, Mid-Indian Ridge

Main table for the fourth section, listing seismic events with station names, coordinates, and magnitudes.

ISCJB 20 09:29:18.6-0.9, 46.67N:0.09:153.05E:0.1, h40km, mb4.0/5, Error ellipse: s-maj=17.8km s-min=3.8km az=43.9

MOS 20 09:29:20.3-0.5, 46.62N:153.15E, h76km, mb4.0/2, Error ellipse: s-maj=18.8km s-min=13.0km az=63.5

SKHL 20 09:29:21.9-0.3, 46.69N:153.02E, h73km, mb4.5/4, IDC 20 09:29:31.4-1.0, 48.93N:150.85E, h0km, mb4.0/6, mb1 4.2/7, mb1mx3.7/3.5, mbtmp3.9/7, ML2.4/2, Error ellipse: s-maj=30.8km s-min=22.7km az=140.0

ISC 20 09:29:20.1-1.3, 46.68N:0.1:153.05E:0.1, h40km, n45, c6202/44, mb4.0/6, Kuril Islands

Main table for the fifth section, listing seismic events with station names, coordinates, and magnitudes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEM2, Nemuro 2, NEM2, NEM2, NAKASHI, etc.

IDC 20 09:43:00.2, 27.10N:144.00E, h11km, Mw4.2, Best double couple: M2:2100x1015 N1:1x354.00000, s26.00000, lambda:51.00000, NP2:9x132.00000, s70.00000, c1-107.00000

IDC 20 09:43:03.7-0.8, 26.69N:144.16E, h83km, mb4.2/20, mb1 4.3/23, mb1mx4.2/6.2, mbtmp4.1/23, ML3.6/3, MS2.9/2, Ms1 3.0/2, ms1mx2.6/4.1, Error ellipse: s-maj=20.6km s-min=15.7km az=11.0

NEIC 20 09:43:45.2-0.3, 26.70N:144.13E, h10km, mb4.6/9, Error ellipse: s-maj=9.3km s-min=7.3km az=193.0

ISCJB 20 09:43:45.3-0.5, 27.02N:0.06:144.09E:0.04, h10km, mb4.3/35, MS3.2/2, Error ellipse: s-maj=8.7km s-min=5.2km az=171.1

MOS 20 09:43:47.8-1.0, 26.83N:144.16E, h36km, mb4.4/20, Error ellipse: s-maj=18.7km s-min=9.5km az=110.1

JMA 20 09:43:47.2-0.3, 27.07N:143.99E, h15km, M4.5, ISC 20 09:43:45.8-0.6, 26.86N:0.08:144.11E:0.07, h10km, n64, c1802/63, mb4.3/35, SC-2D, Bonin Islands region

Main table for the sixth section, listing seismic events with station names, coordinates, and magnitudes.

ISCJB 20 09:49:18.6-0.9, 46.67N:0.09:153.05E:0.1, h40km, mb4.0/5, Error ellipse: s-maj=17.8km s-min=3.8km az=43.9

MOS 20 09:29:20.3-0.5, 46.62N:153.15E, h76km, mb4.0/2, Error ellipse: s-maj=18.8km s-min=13.0km az=63.5

SKHL 20 09:29:21.9-0.3, 46.69N:153.02E, h73km, mb4.5/4, IDC 20 09:29:31.4-1.0, 48.93N:150.85E, h0km, mb4.0/6, mb1 4.2/7, mb1mx3.7/3.5, mbtmp3.9/7, ML2.4/2, Error ellipse: s-maj=30.8km s-min=22.7km az=140.0

ISC 20 09:29:20.1-1.3, 46.68N:0.1:153.05E:0.1, h40km, n45, c6202/44, mb4.0/6, Kuril Islands

Main table for the seventh section, listing seismic events with station names, coordinates, and magnitudes.

20d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KURK Kurchatov, ILAR Eielson Array, BVAR Borovoye, etc.

ISCJ 20 09:46:15.9.0.7, 19.155S; 169.40E, h0km, mb4.3/15, mb1 4.5/16, mb1mx4.2/29, mbtmp4.3/16, ML4.5/1, MS3.9/9, Ms1 3.9/9, ms1mx3.5/94, Error ellipse: s-maj=22.3km s-min=16.1km az=120.0

ISCJ 20 09:46:20.3.0.5, 19.22S; 0.07:168.4E:0.1, h42km, mb4.4/15, MS3.9/8, Error ellipse: s-maj=14.9km s-min=8.4km az=25.9

NEIC 20 09:46:21.1.0.4, 19.21S; 168.37E, h35km, mb4.8/4, Error ellipse: s-maj=12.0km s-min=9.9km az=131.0

ISC 20 09:46:21.8.0.7, 19.21S; 0.09:168.4E:0.1, h42km, n30, n089; 2.0, mb4.5/14, MS4.0/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, AFI Afanasulo, URZ Urewera, etc.

ISCJ 20 09:50:16.8.0.3, 6.55N; 0.03:73.37W:0.04, h132km, 3km, mb3.9/6, Error ellipse: s-maj=6.7km s-min=3.4km az=31.5

2011 JAN

RSNC 20 09:50:18.9.1.2, 6.55N; 73.51W, h113km, 8km, ML4.0, IDC 20 09:50:18.1.0.7, 6.38N; 73.20W, h135km, 8km, mb3.9/5, mb1 4.0/6, mb1mx3.4/38, mbtmp4.4/6, Error ellipse: s-maj=36.0km s-min=7.7km az=131.0

ISC 20 09:50:17.5.0.7, 6.54N; 0.04:73.33W:0.05, h130km, 6km, n44, n183/68, mb4.0/5, 2C-2D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BARC Barichara, RUSC La Rusia, GRMC Gramolote, etc.

ISC 20 09:57:38.7.1.0, 19.79S; 173.98W, h0km, mb4.4/15, mb1 4.4/17, mb1mx1.3/54, mbtmp4.4/17, ML4.5/2, MS4.0/1, Ms1 4.0/1, ms1mx2.9/33, Error ellipse: s-maj=30.2km s-min=17.1km az=117.0

ISCJ 20 09:57:40.9.0.8, 19.80S; 0.09:173.9W:0.2, h31km, mb4.3/16, MS3.9/1, Error ellipse: s-maj=22.6km s-min=7.9km az=26.5

NEIC 20 09:57:40.0.0.5, 19.77S; 173.97W, h10km, mb4.6/2, Error ellipse: s-maj=16.5km s-min=8.5km az=118.0

ISC 20 09:57:43.2.0.8, 19.85S; 0.1:173.9W:0.2, h31km, n31, n059/34, mb4.5/15, 7C-ID, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI Afiamalu, URZ Urewera, RPZ Rata Peaks, etc.

1010

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VNDA Vanda, MJAR Matsushiro Arr, PETK Petropavlovsk, etc.

IDC 20 10:00:49.0.3.6, 54.37N; 86.74E, h0km, mb1 2.7/2, mb1mx2.7/64, mbtmp2.7/2, ML1.8/2, Error ellipse: s-maj=31.4km s-min=19.9km az=44.0, Northwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU ZALESOV INFRA, ZALV Zalevovo Beam, ZALV Zalevovo, etc.

IDC 20 10:01:52.8.1.3, 16.90N; 93.34W, h131km, 12km, mb4.2/29, mb1 4.3/31, mb1mx4.3/41, mbtmp4.6/31, MS3.5/10, Ms1 3.6/10, ms1mx3.3/35, Error ellipse: s-maj=15.8km s-min=7.6km az=56.0

NEIC 20 10:01:54.9.0.4, 16.70N; 93.60W, h154km, 3km, mb5.0/93, MD5.1(MEX), Error ellipse: s-maj=6.0km s-min=3.9km az=214.0

NEIC 10:01:54.9.0.4, 16.90N; 93.34W, h155km, 2km, MW5.0/85, GCMT 20 10:01:54.9.0.4, 16.90N; 93.34W, h155km, 2km, MW5.0/85, Moment Tensor Solution, s31.637, s85.127, Duration: 0. Moment tensor: Scale 10^16Nm; Mr=0.43; 13; Mw=1.91; 14; Ms=2.34; 14; Me2.81; 11; Mw=0.93; 17; Mr=2.92; 10; Best double couple: 10^16 Nm; NP1: 0.32, 0.0000, 0.86, 0.0000, -1, -18, 0.0000; NP2: 0.215, 0.0000, 0.82, 0.0000, -7, -8, 0.0000; Principal axes: T 5.0650, Plg35.0000, Azm66.0000; N -0.7610, Plg28.0000; Azm314.0000; P -4.3000, Plg42.0000; nsta2 refers to nsta1 refers to body waves, cutoff=40s.

MOS 20 10:01:55.7.1.3, 16.96N; 93.32W, h173km, mb4.6/15, Error ellipse: s-maj=15.9km s-min=9.9km az=111.3

ISCJ 20 10:01:56.6.0.4, 16.86N; 0.03:93.45W:0.03, h188km, 3km, mb4.8/94, Error ellipse: s-maj=6.3km s-min=2.8km az=139.3

MEX 20 10:01:57.1.0.6, 16.68N; 93.82W, h129km, 6km, MD5.1

ISC 20 10:01:54.5.0.5, 16.70N; 0.04:93.74W:0.04, h158km, 3km, h157km; pP, n640, n183/68, mb4.8/94, 2C, Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCIG Matias Romero, CMIG Matias Romero, TUIG Tuzandepet, etc.

736A	Circle Diamond	12.58 347	P	P	10 04 50.8	-2.5	LPIG	La Paz	17.18 298	P	Pn	10 05 48.9	+3.7	NHSC	New Hope	20.42 34	eP	P	10 06 20.9	+1.6
735A	Kenedy	12.67 344	P	P	10 04 52.0	-2.3	Y38A	Idabel	17.18 357	P	P	10 05 44.6	+0.4	T34A	McClaskey Farm	20.48 352	P	P	10 06 18.4	-1.5
833A	Chaparral WMA	12.69 337	P	P	10 04 51.2	+1.8	Y36A	Durant	17.28 353	P	P	10 05 46.0	-0.3	PAPH	Port-Prince	20.52 82	eP	Pn	10 06 28.8	+4.0
734A	La Parita Cree	12.88 341	P	P	10 04 54.2	-2.4	Y37A	Hugo	17.29 355	P	Pn	10 05 46.4	-0.1	HELK	Santa Helena	20.66 118	eP	P	10 06 22.9	+0.5
832A	Faith Ranch, C	12.89 335	P	Pn	10 04 53.6	+1.7	Z32A	Haskell	17.33 344	P	Pn	10 05 46.7	-0.2	U30A	WK&E Inc. Balk	20.69 344	P	P	10 06 22.8	+0.5
637A	Eagle Lake	12.91 350	P	Pn	10 04 53.7	+1.5	TIGA	Tifton	17.34 30	P	Pn	10 05 46.9	-0.1	T33A	Paterson Ranch	20.70 350	P	P	10 06 22.9	+0.7
733A	Divot Kin Rran	13.01 338	P	P	10 04 55.2	+1.6	TIGA	Tifton	17.34 30	eP	P	10 05 47.3	+0.3	U29A	Oasis Ranch, S	20.78 343	P	P	10 06 23.8	+0.5
636A	Smothers Creek	13.09 347	P	Pn	10 04 55.9	+1.4	LRAL	Lakeview Retre	17.37 19	eP	P	10 05 46.8	+0.5	JSC	Jenkinsville	20.80 30	eP	P	10 06 24.1	+0.8
635A	Leesville	13.16 344	P	P	10 04 58.3	-1.5	LRAL	Marietta	17.39 351	eS	S	10 08 56.0	-3.1	S40A	Lebanon	20.85 3	P	P	10 06 23.3	-0.6
732A	Laxson Ranch,	13.28 335	P	Pn	10 04 59.0	+2.0	Z31A	Sharp Cattle R	17.53 342	P	Pn	10 05 47.5	-0.1	S38A	Stockton	20.86 360	P	P	10 06 22.8	-1.1
634A	China Grove, S	13.32 342	P	Pn	10 04 59.3	+1.8	Y34A	Reagan Ranch,	17.57 349	P	P	10 05 48.8	+0.4	TKL	Tuckaleehee C	20.87 23	P	P	10 06 22.0	-2.2
HKT	Hockley	13.33 352	ePn	P	10 05 01.5	0.0	MIAR	Mount Ida	17.78 0	P	P	10 05 50.8	+0.1	TKL	Tuckaleehee C	20.87 23	P	P	10 06 22.0	-2.2
539A	Cross D Ranch,	13.38 356	P	Pn	10 04 59.0	+0.7	MIAR	Mount Ida	17.78 0	eP	P	10 05 50.8	+0.1	TKL	Tuckaleehee C	20.87 23	P	P	10 06 22.0	-2.2
540A	Vidor	13.46 359	P	Pn	10 05 00.4	+1.3	MIAR	Mount Ida	17.78 0	P	P	10 05 51.2	+0.5	TKL	Tuckaleehee C	20.87 23	P	P	10 06 22.0	-2.2
537A	Green Hill Far	13.53 350	P	Pn	10 05 01.0	+0.9	Y33A	Hilltop Ranch,	17.79 347	P	P	10 05 51.6	+0.7	TKL	Tuckaleehee C	20.87 23	P	P	10 06 22.0	-2.2
538A	Harpers Horsep	13.56 354	P	P	10 05 03.0	-1.1	X35A	Drake	17.87 351	P	P	10 05 52.5	+0.7	BNM	Barren Site	20.88 329	eP	Pn	10 06 27.6	-1.6
633A	Saathoff Ranch	13.65 340	P	P	10 05 04.4	-0.8	X37A	Clayton	17.88 356	P	Pn	10 05 52.6	-0.7	T32A	Hudler Ranch,	20.91 348	P	P	10 06 23.8	-0.9
536A	Bastrop	13.66 348	P	P	10 05 04.9	-0.4	X38A	Whitesboro	17.93 357	P	Pn	10 05 53.7	-0.2	S39A	Bolivar	20.92 1	P	P	10 06 23.6	-1.0
632A	Dale	13.73 346	P	P	10 05 05.0	-1.0	X36A	Centrahoma	17.95 353	P	P	10 05 53.6	-0.6	T31A	Randall Ranch,	20.99 347	P	P	10 06 24.8	-0.6
535A	Uvalde	13.91 338	P	P	10 05 06.5	-1.5	GTBY	Quantanoma Bay	17.98 77	eP	P	10 05 53.4	+0.3	S37A	Fort Scott	21.01 358	P	P	10 06 24.4	-1.2
534A	Bianco	13.96 343	P	P	10 05 07.2	-1.5	Y32A	FL V	17.98 345	P	Pn	10 05 53.8	-0.8	S36A	Lake Cedric, C	21.01 356	P	P	10 06 25.4	-0.2
440A	Kirbyville	13.99 359	P	Pn	10 05 06.2	+0.3	U32A	University of	18.05 4	eP	Pn	10 05 54.6	-0.7	LPM	Los Pinos Moun	21.01 329	eP	P	10 06 28.2	+2.3
439A	Center Grove,	14.07 356	P	Pn	10 05 07.1	+0.2	OXF	Oxford	18.16 12	eP	P	10 05 54.8	-0.1	S35A	Older Creek Ra	21.03 354	P	P	10 06 26.0	+0.2
438A	Sam Houston St	14.08 354	P	Pn	10 05 07.7	+0.7	Y31A	Ricketia Farm,	18.17 342	P	Pn	10 05 56.1	-0.7	S34A	Willow Spring	21.14 353	P	P	10 06 27.1	+0.1
631A	Perdido Creek	14.13 335	P	Pn	10 05 08.6	+0.9	GDL2	Guadalupe Moun	18.20 330	eP	Pn	10 05 57.3	0.0	S33A	Kasznau Farm,	21.16 351	P	P	10 06 27.4	+0.2
533A	Kerrville	14.17 341	P	P	10 05 09.8	-1.2	X34A	Smith Ranch, M	18.20 349	P	Pn	10 05 56.9	-0.3	GIUYC	Guyana, Colomb	21.30 120	eP	P	10 06 29.4	0.0
437A	Phantom Ranch,	14.24 352	P	P	10 05 10.5	-1.2	X33A	Lawton	18.28 347	P	P	10 05 56.9	+0.7	SIUC	Southern Illin	21.32 10	eP	P	10 06 28.0	-0.7
436A	Wall Ranch, G	14.29 349	P	Pn	10 05 09.9	+0.2	Y30A	Stafford Cattl	18.28 341	P	Pn	10 05 58.5	+0.3	L3A	Ladron	21.34 328	eP	P	10 06 31.9	+2.5
435B	Jarell	14.46 347	P	Pn	10 05 12.4	+0.6	MNTX	Cornudas Moun	18.30 327	P	Pn	10 05 57.9	-0.6	R38A	Fenwick Farm,	21.41 360	P	P	10 06 28.6	-1.3
339A	Huntington	14.59 357	P	Pn	10 05 13.7	+0.2	MNTX	Cornudas Moun	18.30 327	eP	Pn	10 05 58.3	-0.1	S32A	Newby Ranch, P	21.42 349	P	P	10 06 28.9	-1.2
434A	Burnet	14.65 344	P	P	10 05 15.7	-0.6	W38A	Poteau	18.31 358	P	Pn	10 05 57.7	-0.8	ANMO	Albuquerque	21.44 330	P	P	10 06 31.9	+1.4
340A	Bronson	14.66 360	P	Pn	10 05 14.0	-0.2	X32A	Elmer	18.34 354	P	P	10 05 57.7	+0.8	ANMO	Albuquerque	21.44 330	P	P	10 06 29.5	-1.0
338A	Crockett	14.67 355	P	Pn	10 05 15.1	+0.8	W36A	Wetumka	18.50 354	P	P	10 05 58.6	0.0	ANMO	Albuquerque	21.44 330	P	P	10 06 29.4	-1.0
337A	Centerville	14.69 353	P	P	10 05 15.9	-0.7	WMOK	Wichita Mounta	18.53 347	eP	Pn	10 06 00.3	-0.7	ANMO	Albuquerque	21.44 330	P	P	10 06 29.4	-1.0
JCT	Junction City	14.80 339	P	Pn	10 05 16.8	+0.7	W35A	Tecumseh	18.59 352	P	P	10 05 59.6	0.0	ANMO	Albuquerque	21.44 330	P	P	10 06 29.4	-1.0
JCT	Junction City	14.80 339	ePn	P	10 05 17.4	-0.5	X31A	McDonald Ranch	18.72 344	P	P	10 06 01.8	+0.8	ANMO	Albuquerque	21.44 330	P	P	10 06 29.4	-1.0
433A	Art	14.82 342	P	Pn	10 05 16.8	+0.4	X30A	Coker Ranch, T	18.80 341	P	P	10 06 02.5	+0.5	ANMO	Albuquerque	21.44 330	P	P	10 06 29.4	-1.0
336A	Riesel	14.90 350	P	Pn	10 05 17.6	+0.4	W34A	Bridge Creek,	18.81 350	eP	P	10 06 02.2	+0.1	R40A	Maddies Statio	21.55 3	P	P	10 06 29.6	-1.8
335A	Moody	14.90 348	P	Pn	10 05 17.5	+0.1	W34A	Bridge Creek,	18.81 350	eP	P	10 06 02.6	+0.6	R37A	Teagarden Farm	21.56 358	P	P	10 06 29.6	-1.9
HPG	comp-Z, 30nm, 1.1s	15.04 315	ePn	P	10 05 20.7	-0.1	W33A	Caddo, Fort Co	18.86 348	P	P	10 06 03.1	+0.5	R36A	Gordon, Harris	21.60 356	P	P	10 06 29.9	-2.0
334A	Lometa	15.14 345	P	Pn	10 05 20.5	+0.3	HBAR	Hamburg	18.98 8	eP	P	10 06 04.4	+0.5	QCAC	Osborn	21.62 110	eP	P	10 06 31.0	-1.5
432A	Menard	15.16 340	P	Pn	10 05 21.1	+0.5	W32A	Sentinel Ver	19.00 346	P	P	10 06 04.1	0.0	URIC	Urbia, Colomb	21.66 100	eP	P	10 06 32.2	-0.5
239A	Gary	15.27 358	P	Pn	10 05 22.2	+0.3	MSTX	Muleshoe	19.02 336	P	P	10 06 04.7	+0.2	S30A	Montezuma	21.69 345	P	P	10 06 32.0	-0.9
431A	Sonora	15.27 337	P	P	10 05 23.4	+0.2	GSTX	Mulhose	19.02 336	eP	P	10 06 05.3	+0.9	TOLC	Tolima	21.71 122	eP	P	10 06 32.6	-1.1
238A	Jacksonville	15.29 356	P	P	10 05 23.7	+0.4	MGX	Godfrey	19.05 27	eP	P	10 06 04.0	-0.6	R34A	Isabella, Hill	21.74 353	P	P	10 06 31.9	-1.6
333A	Richland Sprin	15.33 343	P	P	10 05 23.8	0.0	SOLC	Bahia Solano	19.07 121	eP	P	10 06 04.8	-0.2	S29A	Ulysses	21.84 344	P	P	10 06 33.9	-0.5
237A	Washetta, Mont	15.35 353	P	P	10 05 23.8	-0.2	V36A	Genies	19.10 358	P	P	10 06 04.9	-0.3	R33A	Olander Ranch,	21.85 351	P	P	10 06 34.5	0.0
236A	Katherine and	15.45 351	P	P	10 05 25.5	+0.4	V37A	Hulbert	19.15 357	P	P	10 06 05.5	-0.2	USIN	University of	21.85 13	eP	P	10 07 04.2	+1.6
BRAL	Brewton	15.50 22	ePn	P	10 05 28.0	+2.4	V35A	Meyer Ranch, C	19.19 352	P	P	10 06 06.1	0.0	POPC	Popayan, Colom	21.90 128	eP	P	10 06 37.7	+2.2
TXAR	Lajitas Aray	15.53 326	P	P	10 05 27.4	+1.2	TUL1	Leonard	19.23 355	eP	P	10 06 07.1	+0.6	TUC	Tucson	21.91 318	eP	P	10 06 35.2	-0.1
TX31	Lajitas Ar, 5m	15.54 326	ePn	P	10 05 26.9	+0.7	TUL1	Leonard	19.23 355	eP	P	10 06 07.1	+0.6	TUC	Tucson	21.91 318	eP	P	10 06 37.9	+2.6
MTDJ	Mount Denham	15.54 82	ePn	P	10 05 26.8	+0.4	W31A	Holland Ranch,	19.23 344	P	P	10 06 06.4	-0.2	S28A	Manter	22.02 343	P	P	10 06 35.3	-1.1
WHXT	Lake Whitney,	15.60 348	P	P	10 05 26.6	-0.1	MOTC	Monteria, Cord	19.30 112	eP	P	10 06 06.3	-1.1	SLM	Saint Louis	22.07 7	eS	P	10 07 25.3	+0.6
WHXT	Lake Whitney,	15.60 348	ePn	P	10 05 26.5	-0.2	V34A	Guthrie	19.36 351	eP	P	10 06 07.3	-0.6	R32A	Long Quarter,	22.08 350	P	P	10 06 35.6	-1.3
332A	Millersview	15.61 341	P	P	10 05 27.2	+0.3	V34A	Guthrie	19.36 351	eP	P	10 06 07.8	-0.1	R31A	Burdett	22.11 348	P	P	10 06 36.0	-1.8
VBMS	Vicksburg	15.73 10	Pn	P	10 05 27.5	0.0	W30A	Crockett Farms	19.40 343	P	P	10 06 08.6	+0.1	CMBC	Cumbar	22.16 133	eP	P	10 06 41.9	+3.6
VBMS	Vicksburg	15.73 10	ePn	P	10 05 2															

20d 10h

Table with columns for ID, Name, Date, Time, and other details. Includes entries like CHIC Chingaza, Q29A Oakley, P14A Organ Pipe Nat, etc.

2011 JAN

Table with columns for ID, Name, Date, Time, and other details. Includes entries like K31A baz=170,SNR=8.5, JFWS Jewell Farm, N23A Red Feather La, etc.

1012

Table with columns for ID, Name, Date, Time, and other details. Includes entries like D34A Park Rapids, ELK Elko, ELK Snow, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Beach Ranch, Yellow Bay, Jette, Pilot Rock, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like Kashi, Lanzhou, Mawson, Stephens Creek, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like CSEM, UPM, UMAC-Piva, Bratogost, etc.

ISCJB 20 10:52:01.3.0.5.26:99N.07:144.08E.0.04, h33km, mb4.3/30, Error ellipse: s-maj=10.1km s-min=4.9km az=169.1

ISC 20 10:52:02.5.0.6.26:91N.08:144.09E.0.07, h35km, n53, c161/49, mb4.2/30, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

NIED 20 10:57:00.27.40N.143.60E, h5km, Mw4.3 Best double couple: M3.17000.1015 NP1.330.00000. 819.000000, -82.000000. NP2.361.141.00000. 871.000000, -93.000000.

ISC 20 10:57:28.2.0.6.27:12N.143.46E, h0km, mb3.9/15, mb1 4.1/17, mb1mx4.0/41, mbtmp3.9/17, ML3.42, MS3.24, Ms1 3.3/4, ms1mx2.8/60, Error ellipse: s-maj=15.7km s-min=15.6km az=28.0

JMA 20 10:57:29.9.0.4.27:36N.143.62E, h26km, M4.6 Error ellipse: s-maj=11.2km s-min=8.4km az=65.0

ISC 20 10:57:29.9.0.6.27:23N.07:143.52E.0.06, h10km, n39, c895/41, mb4.0/19, MS3.2/3, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the 2011 Jan 20 10:57:29.9.0.6 event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the 2011 Jan 20 11:00:35.2.0.9 event.

ISCJB 20 11:00:35.2.0.9.26:7N.07:144.17E.0.09, h10km, mb3.6/8, Error ellipse: s-maj=16.9km s-min=10.9km

ISC 20 11:00:34.0.0.8.26:75N.144:18E, h0km, mb3.7/8, mb1 3.9/9, mb1mx3.7/69, mbtmp3.7/9, ML3.1/1, MS1.3/1, ms1mx2.5/59, Error ellipse: s-maj=24.2km s-min=20.0km az=61.0

ISC 20 11:00:35.2.0.9.26:7N.07:144.17E.0.10, h10km, n12, c123/13, mb3.7/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the 2011 Jan 20 11:00:35.2.0.9 event.

ISCJB 20 11:02:52.0.0.3.19:64S.07:04.69W.0.06, h11km, 4km, mb4.3/16, Error ellipse: s-maj=9.3km s-min=6.2km az=166.5

GUC 20 11:02:53.7.0.4.19:68S.69:23W, h102km, 3km, ML4.7 IDC 20 11:02:53.6.0.6.19:64S.68:95W, h106km, 5km, mb3.9/15, mb1 4.1/17, mb1mx4.0/28, mbtmp4.3/17, MS3.1/2, Ms1 3.1/2, ms1mx2.8/36, Error ellipse: s-maj=15.5km s-min=8.7km az=84.0

NEIC 20 11:02:54.0.0.7.19:61S.68:90W, h114km, 6km, mb5.2/3, Error ellipse: s-maj=11.8km s-min=8.6km az=93.0

NEIC Felt III at Camina and Mamina. ISC 20 11:02:53.4.0.5.19:68S.07:04.69W.0.06, h106km, 5km, n49, c165/58, mb4.2/16, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the 2011 Jan 20 11:02:53.4.0.5 event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the 2011 Jan 20 11:05:00.30:30N.131.50E event.

NIED 20 11:05:00.30:30N.131.50E, h41km, Mw3.7 Best double couple: M4.68000.1014 NP1.399.00000. 819.000000, -87.000000. NP2.362.00000. 871.000000, -91.000000.

JMA 20 11:05:11.4.0.1.30:35N.131:46E, h55km, 1km, M3.6, Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the 2011 Jan 20 11:05:11.4.0.1 event.

ISCJB 20 11:07:04.3.1.0.26:6N.07:144.17E.0.1, h10km, mb3.7/6, Error ellipse: s-maj=22.7km s-min=13.0km az=27.3

IDC 20 11:07:04.6.1.0.26:64N.144:01E, h0km, mb3.6/6, mb1 3.9/6, mb1mx3.7/36, mbtmp3.7/6, Error ellipse: s-maj=37.5km s-min=22.4km az=82.0

ISC 20 11:07:06.2.1.0.26:6N.07:144.0E.0.1, h10km, n8, c063/8, mb3.7/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the 2011 Jan 20 11:07:06.2.1.0 event.

ISCJB 20 11:04:45.0.8.40:34N.07:03:25.80E.0.04, h9km, 5km, Error ellipse: s-maj=5.6km s-min=4.3km az=137.3

ATH 20 11:04:4.8.40:36N.25:80E, h28km, 2km, MD2.75 ISC 20 11:04:4.1.40:35N.25:80E, h8km, MD2.7 CSEM 20 11:04:5.3.0.1.40:34N.25:84E, h12km, MD2.7, Error ellipse: s-maj=3.5km s-min=2.9km az=141.0

DDA 20 11:04:6.6.40:27N.26:02E, h7km, MD2.6 ISC 20 11:04:5.1.1.40:35N.07:02:25.83E.0.02, h11km, 10km, n48, c045/65, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists seismic stations for the 2011 Jan 20 11:04:45.0.8 event.

20d 11h

Table with columns: Station, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like LAMP, GTOI, SRAK, CHTO, etc.

2011 JAN

Table with columns: Station, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like ODAN, KGM, TPRI, FRIM, etc.

1016

Table with columns: Station, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like KSH, KSH, KSH, etc.

20d 11h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Thessaloniki, Makrakomi, EREA, SOH, etc.

2011 JAN

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VAY, VAY, VAY, SIGR, etc.

1020

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PVY, IMMV, DRME, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUTZ, WMGZ, MCHZ, MXZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DDB, DGB, GCAM, etc.

ISK 20 12:16:26.6, 37.36N, 27.90E, h9km, MD2.7
DDA 20 12:16:27.7, 37.14N, 28.04E, h7km, MD2.3
CSEM 20 12:16:27.0, 37.38N, 27.90E, h10km, MD2.7, Error ellipse: s-maj=7.5km s-min=6.1km az=90.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSB, MSLB, AYDN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARK, TOKL, MNAS, etc.

ISCJB 20 12:30:26.0, 2.9, 75.51N, 0.05, 8.9E, 0.3, h10km, mb3.5/4, MS3.1/3, Error ellipse: s-maj=9.3km s-min=6.6km az=166.8
IDC 20 12:30:26.1, 1.4, 75.46N, 7.73E, h0km, mb3.6/4, mb1 3.8/6, mb1mx2.4/57, mbtmp3.7/6, ML3.8/2, MS3.1/5, M1 3.1/5, ms1mx2.8/50, Error ellipse: s-maj=27.3km s-min=17.5km az=58.0

BER 20 12:30:27.3, 2.4, 75.46N, 8.14E, h10km, MD2.0, ML2.4, ML3.5(VAO)
CSEM 20 12:30:27.6, 0.5, 75.53N, 8.83E, h10km, ML2.4, Error ellipse: s-maj=12.3km s-min=6.2km az=71.0
NAO 20 12:30:28.9, 2.7, 75.47N, 9.41E, ML3.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HSPB, BJO, SPAO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HOPEN, JMJC, ARAO, etc.

SOME 20 12:35:12.3, 42.77N, 71.07E, h0km
NINC 20 12:35:12.3, 42.77N, 71.06E, h0km, mb2.7, mpv2.7, Error ellipse: s-maj=6.4km s-min=0.6km az=27.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRNET, KK06, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IUG, MNAS, ARK, etc.

ISCJB 20 12:42:42.5, 0.9, 27.3N, 0.1, 143.58E, 0.09, h10km, mb3.7/6, Error ellipse: s-maj=19.9km s-min=10.5km az=159.6
IDC 20 12:42:42.5, 1.1, 27.18N, 143.62E, h0km, mb3.6/6, mb1 3.9/7, mb1mx3.6/47, mbtmp3.6/7, ML3.5/1, Error ellipse: s-maj=27.9km s-min=22.0km az=150.0

ISC 20 12:42:44.1, 1.1, 27.22N, 0.1, 143.54E, 0.09, h10km, n8, 0.0819, mb3.8/6, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARLS, UCH, TKM2, etc.

mb1 4.0/8, mb1mx3.8/38, mbtmp3.9/8, MS3.4/2, Ms1 3.4/2, ms1mx2.7/41, Error ellipse: s-maj=42.8km s-min=13.9km az=55.0
DJA 20 12:42:55.6, 2.7, 0.7N, 7.13E, h23km, M4.3/12, mb4.6/2, MLV4.1/12
ISCJB 20 12:42:56.2, 0.5, 0.38N, 0.06, 129.89E, 0.04, h33km, mb3.9/8, MS3.3/2, Error ellipse: s-maj=9.3km s-min=4.5km az=31.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SWI, SIJI, TINTI, etc.

APSI Ampama 8.39 261 P P 12:44 56.6 -0.7
KAPI Kappang 11.50 242 Pn P 12:45 36.2 -3.8
KSM Kuching 19.65 273 P P 12:47 20.0 -2.2
PMG Port Mesesay 19.72 120 P P 12:47 24.8 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRR, ASAR, etc.

KRNET 20 12:47:03.5, 0.1, 40.18N, 72.05E, mb2.4
NINC 20 12:47:06.7, 4.3, 40.48N, 72.24E, h0km, mb2.8, mpv2.4, Error ellipse: s-maj=31.3km s-min=18.0km az=171.0

ISC 20 12:47:00.5, 1.8, 40.14N, 0.09, 72.12E, 0.06, h7km, n12km, n12, 0.1811/16, 18C-SD, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OHH, BTK, ARK, etc.

CSEM 20 12:51:38.1, 0.3, 34.95N, 16.39W, h30km, ML4.9/4, Error ellipse: s-maj=10.9km s-min=3.0km az=117.0
CNRM 20 12:51:39.9, 34.87N, 16.23W, h30km, MD4.3
MDD 20 12:51:39.8, 1.0, 34.92N, 16.29W, h30km, mb4.4/19, Error ellipse: s-maj=15.9km s-min=4.5km az=123.0, PRXIMO

INMG 20 12:51:42.4, 2.5, 35.01N, 16.41W, h10km, ML3.3, Error ellipse: s-maj=12.2km s-min=2.9km az=117.0
ISC 20 12:51:35.5, 1.4, 34.93N, 0.08, 16.4W, 0.1, h10km, n118, 0.0998/16, 3D, Madeira Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMPS, PMP, PMPZ, etc.

IDC 20 12:42:53.2, 0.9, 0.29N, 129.90E, h0km, mb3.8/7,

20d 12h

UALR	University of Waverly	33.62 340 eP	P	13 00 19.0 0.0
WVT	Waverly	33.64 347 eP	P	13 00 18.4 -0.8
BLA	Blacksburg	33.80 358 eP	P	13 00 25.3 +4.6
MIAR	Mount Ida	33.84 339 eP	P	13 00 21.7 -0.3
MIAR	Mount Ida	33.84 339 eP	P	13 00 21.0 0.0
431A	Sonora	33.90 326 P	P	13 00 21.8 +0.2
332A	Millersville	33.96 328 P	P	13 00 22.4 +0.2
233A	Rising Star	34.02 329 P	P	13 00 23.2 +0.5
331A	San Angelo	34.27 327 P	P	13 00 24.4 -0.5
X38A	Whitesboro	34.42 337 P	P	13 00 26.0 0.0
X37A	Clayton	34.57 336 P	P	13 00 27.1 -0.2
W38A	Poteau	34.66 338 P	P	13 00 28.2 +0.1
Y35A	Marietta	34.69 334 P	P	13 00 28.5 +0.1
TXAR	Lajitas Array	34.75 321 P	P	13 00 28.5 -0.6
TXAR	Lajitas Ar. Si	34.75 321 eP	P	13 03 03.2 +0.8
TXAR	Lajitas Ar. Si	34.75 321 eP	P	13 15 29.2
TX31	Lajitas Ar. Si	34.75 321 eP	P	13 00 29.9 +0.8
TX31	Lajitas Ar. Si	34.75 321 eP	P	13 03 30.5 +1.4
TX31	Lajitas Ar. Si	34.75 321 eP	P	13 03 03.2 +0.8
TX31	Lajitas Ar. Si	34.75 321 eP	P	13 03 03.6 +1.2
330A	Mertzon	34.76 326 P	P	13 00 31.6 0.0
PBMO	Poplar Bluff	34.89 344 eP	P	13 03 02.6 +0.1
Y34A	Reagan Ranch	35.05 333 P	P	13 00 31.6 0.0
V38A	Canehill	35.32 339 P	P	13 00 33.1 -0.7
Z32A	Haskell	35.34 330 P	P	13 00 33.5 -0.6
USIN	University of Hulbert	35.38 349 eP	P	13 00 33.5 -0.8
V37A	Recumseh	35.61 338 P	P	13 00 35.8 -0.5
W35A	Recumseh	35.67 335 P	P	13 00 36.2 -0.6
Z31A	Sharp Cattle R	35.69 329 P	P	13 00 37.4 +0.4
U38A	Gravette	35.83 339 P	P	13 00 37.6 -0.6
V36A	Jenks	35.84 337 P	P	13 00 37.6 -0.7
T40A	Mansfield	35.85 342 P	P	13 00 37.3 -1.0
TUL1	Leonard	35.89 337 P	P	13 00 38.0 -0.7
TUL1	Leonard	35.89 337 eP	P	13 00 38.7 0.0
T39A	Cleaver	36.01 341 P	P	13 00 39.4 -0.3
U37A	Salina	36.06 338 P	P	13 00 39.7 -0.5
Z30A	Sanderson Ranc	36.17 328 P	P	13 00 40.9 -0.4
V35A	Meyer Ranch, C	36.18 335 P	P	13 00 40.8 -0.4
OLIL	Olney	36.20 348 eP	P	13 00 41.1 -0.2
BDFB	Brasilia	36.21 122 P	P	13 00 40.7 -1.1
BDFB	Brasilia	36.21 122 LR	LR	13 16 22.7
S40A	Lebanon	36.25 342 P	P	13 00 40.8 -1.0
Y31A	Rekieta Farm,	36.26 330 P	P	13 00 42.2 +0.2
CPUP	Villa Florida	36.30 145 P	P	13 00 41.0 -1.2
CPUP	Villa Florida	36.30 145 eP	P	13 00 41.1 -1.1
S39A	Bolivar	36.59 341 P	P	13 00 43.8 -0.9
T37A	Cheneyville 18	36.63 339 P	P	13 00 44.1 -0.9
X31A	McDonald Ranch	36.66 331 P	P	13 00 45.3 0.0
U35A	Pawnee	36.66 336 P	P	13 00 44.2 -1.1
W32A	Sentinel	36.71 332 P	P	13 00 45.5 -0.2
S38A	Stockton	36.73 340 P	P	13 00 44.8 -1.1
R40A	Maddies Statio	36.82 343 P	P	13 00 45.6 -1.0
O56A	Blue Knob Stat	36.84 1 P	P	13 00 47.2 +0.3
T36A	Boggs Farm, Ca	36.93 338 P	P	13 00 46.8 -0.8
ACSO	Alum Creek Sta	36.95 355 eP	P	13 00 48.4 +0.7
X30A	Coker Ranch, T	36.95 330 P	P	13 00 48.4 +0.5
T35A	Sooner Cattle	37.05 337 P	P	13 00 48.1 -0.5
U34A	Anderson Ranch	37.05 335 P	P	13 00 48.3 -0.3
R39A	Chumby, Stover	37.08 342 P	P	13 00 47.9 -0.9
S37A	Fort Scott	37.16 339 P	P	13 00 48.8 -0.7
R38A	Fenwick Farm,	37.24 341 P	P	13 00 49.5 -0.7
S36A	Lake Cedric, C	37.41 339 P	P	13 00 51.1 -0.5
T34A	McClaskey Farm	37.41 336 P	P	13 00 50.9 -0.7
Q40A	Laux Farm, Aux	37.42 344 P	P	13 00 51.0 -0.7
MNTX	Cornudas Mount	37.45 322 P	P	13 00 52.9 +0.9
MNTX	Cornudas Mount	37.45 322 eP	P	13 00 53.4 +1.3
N54A	Moraine State	37.53 359 P	P	13 00 52.7 +0.1
MSTX	Muleshoe	37.58 327 P	P	13 00 53.3 0.0
MSTX	Muleshoe	37.58 327 eP	P	13 00 54.2 +1.0
SFIN	Lafayette	37.61 350 P	P	13 00 53.0 -0.3
N59A	State Game Lan	37.62 4 P	P	13 00 54.2 +0.8
U32A	Wintter Ranch,	37.63 334 P	P	13 00 53.3 -0.2
S35A	Otter Creek Ra	37.64 338 P	P	13 00 53.0 -0.5
R37A	Teagarden Farm	37.66 340 P	P	13 00 53.0 -0.7
Q39A	Willow Grove F	37.73 342 P	P	13 00 53.2 -1.1
Q38A	Cooks Store, C	37.83 342 P	P	13 00 54.1 -1.3
R36A	Gordon, Harris	37.91 339 P	P	13 00 54.8 -1.0
P40A	Paris	37.91 344 P	P	13 00 54.5 -1.3
S34A	Willow Spring	37.96 337 P	P	13 00 55.8 -0.5
P39A	Salisbury	38.07 343 P	P	13 00 56.1 -1.1
M54A	Oil Creek Stat	38.08 360 P	P	13 00 57.5 +0.3
R35A	Emporia Munic	38.16 338 P	P	13 00 57.7 -0.3
O40A	La Belle	38.41 344 P	P	13 00 59.0 -1.1
P38A	Dawn	38.43 342 P	P	13 00 59.3 -0.9
Q36A	Arnold C. Orve	38.46 340 P	P	13 00 59.4 -1.1
R34A	Isabella Hill	38.54 337 P	P	13 01 00.9 -0.2
Q35A	Mercer Eighty,	38.57 339 P	P	13 01 00.8 -0.6
P37A	Lathrop	38.65 341 P	P	13 01 01.2 -0.9

2011 JAN

O39A	Kirksville	38.72 344 P	P	13 01 01.3 -1.3
R33A	Olander Ranch,	38.83 336 P	P	13 01 03.5 -0.1
O38A	Galt	38.87 343 P	P	13 01 02.8 -1.1
Q34A	Chapman	38.96 338 P	P	13 01 04.3 -0.4
P36A	Good Intent, A	38.96 340 P	P	13 01 03.5 -1.2
KSU1	Kansas State U	38.99 338 eP	P	13 01 04.3 -0.7
KSU1	Kansas State U	38.99 338 eP	P	13 01 04.6 -0.4
O37A	Wolven Farm, R	39.12 342 P	P	13 01 05.3 -0.7
P35A	Duane Minner,	39.16 339 P	P	13 01 06.0 -0.3
R32A	Long Quarter,	39.23 336 P	P	13 01 06.7 -0.2
N39A	Derby Farms, D	39.29 344 P	P	13 01 06.2 -1.2
S30A	Montezuma	39.33 333 P	P	13 01 07.6 -0.3
Q36A	Bolkow	39.34 341 P	P	13 01 06.7 -1.2
Q33A	Connelly Farm,	39.37 337 P	P	13 01 08.0 -0.1
N38A	Joess South For	39.42 343 P	P	13 01 07.7 -0.7
R31A	Burgett	39.46 335 P	P	13 01 09.0 +0.1
P34A	Walnut Farm, R	39.47 339 P	P	13 01 08.5 -0.4
121A	Cookes Peak, D	39.51 321 P	P	13 01 11.7 +2.1
121A	Cookes Peak, D	39.51 321 eP	P	13 01 11.7 +2.1
S29A	Ulysses	39.61 332 P	P	13 01 10.3 +0.1
Q32A	Mettler Ranch,	39.65 336 P	P	13 01 10.3 -0.1
P33A	Williams Farm,	39.70 338 P	P	13 01 10.8 -0.1
R30A	Dighton	39.78 334 P	P	13 01 11.7 +0.1
BNM	Barren Site	39.90 324 eP	P	13 01 14.4 +1.5
N36A	Muff Farm, Cla	39.96 341 P	P	13 01 12.1 -0.9
O34A	Beatrice	39.98 339 P	P	13 01 12.8 -0.4
M38A	Pleasantville	39.99 344 P	P	13 01 11.7 -1.5
CBKS	Cedar Bluff	39.99 335 eP	P	13 01 13.4 +0.1
CBKS	Cedar Bluff	39.99 335 eP	P	13 01 13.0 -0.3
Q31A	Los Pinos Moun	40.00 335 P	P	13 01 14.0 +0.5
LPM	Huizing Farm,	40.02 324 eP	P	13 01 15.7 +1.9
P32A	Huizing Farm,	40.21 337 P	P	13 01 14.7 -0.4
O33A	Harold	40.21 338 P	P	13 01 14.9 -0.2
Q30A	Quinter	40.33 335 P	P	13 01 16.0 -0.1
ANMO	Albuquerque	40.36 325 d/P	P	13 01 15.5 -1.1
ANMO	Albuquerque	40.36 325 pmax	P	13 01 17.7 +1.0
ANMO	Albuquerque	40.36 325 eP	P	13 01 18.1 +1.4
LAZ	Ladron	40.38 323 eP	P	13 01 19.0 +2.2
P31A	Stockton	40.43 336 P	P	13 01 16.8 -0.2
R28A	Tribune	40.52 332 P	P	13 01 17.8 0.0
Q29A	Oakley	40.59 334 P	P	13 01 18.4 +0.1
L38A	Oak Wood Farm,	40.59 344 P	P	13 01 15.8 -2.4
O32A	Brookman Farm,	40.63 338 P	P	13 01 17.9 -0.7
M35A	Neola	40.79 341 P	P	13 01 19.0 -0.8
P30A	Selden	40.81 335 P	P	13 01 20.7 +0.5
T25A	Trinidad	40.85 329 P	P	13 01 22.1 +1.4
T25A	Trinidad	40.85 329 eP	P	13 01 22.6 +1.9
Q31A	Woolen Ranch,	40.95 336 P	P	13 01 21.1 -0.2
Q28A	Sharon Springs	41.11 333 P	P	13 01 22.3 -0.4
M34A	Aspy Farms, Fr	41.11 340 P	P	13 01 21.7 -0.9
P29A	Atwood	41.16 334 P	P	13 01 23.6 +0.6
O30A	MW Ranch, Wils	41.27 336 P	P	13 01 24.0 +0.2
TUC	Tucson	41.32 318 P	P	13 01 26.2 +1.7
TUC	Tucson	41.32 318 eP	P	13 01 26.0 +1.5
L35A	Bielow Farm, R	41.32 342 P	P	13 01 23.4 -0.8
KSCO	Kaye Shedlock'	41.44 332 P	P	13 01 25.5 +0.1
KSCO	Kaye Shedlock'	41.44 332 eP	P	13 01 26.3 +0.9
K36A	Gilmore City	41.47 343 P	P	13 01 24.8 -0.6
P28A	Saint Francis	41.49 334 P	P	13 01 26.3 +0.5
BGNE	Belgrade	41.58 339 P	P	13 01 25.9 -0.5
BGNE	Belgrade	41.58 339 eP	P	13 01 26.2 -0.2
PLVO	Plevna	41.65 2 eP	P	13 01 27.9 +1.0
M31A	Lambrecht Farm	41.84 338 P	P	13 01 27.6 -0.9
SDCO	Great Sand Dun	41.88 328 P	P	13 01 30.2 +1.1
SDCO	Great Sand Dun	41.88 328 eP	P	13 01 30.6 +1.4
SDCO	Great Sand Dun	41.88 328 eP	P	13 01 30.6 +1.4
L33A	Hoskins	41.94 340 P	P	13 01 28.4 -0.9
I38A	Scanlan Farm,	42.21 346 P	P	13 01 29.9 -1.6
N28A	Pribbeno Ranch	42.31 335 P	P	13 01 33.0 +0.6
W18A	Petrified Fore	42.43 322 P	P	13 01 35.4 +0.1
W18A	Petrified Fore	42.43 322 eP	P	13 01 36.4 +2.7
214A	Drop Pipe Nat	42.49 316 P	P	13 01 34.1 +0.1
L31A	Butterfield Fa	42.50 338 P	P	13 01 33.6 -0.4
S22A	4UR Ranch, Cr	42.58 327 P	P	13 01 36.1 +1.1
S22A	4UR Ranch, Cr	42.58 327 eP	P	13 01 36.6 +1.7
M29A	Burnside Ranch	42.59 336 P	P	13 01 34.5 -0.2
K32A	Verdigre	42.62 340 P	P	13 01 33.8 -1.0
Q24A	Divide	42.62 330 P	P	13 01 36.0 +0.7
Q24A	Divide	42.62 330 eP	P	13 01 36.6 +1.2
L30A	Spencer Herefo	42.64 337 P	P	13 01 34.8 -0.3
I35A	Creighton Farm	42.74 343 P	P	13 01 34.5 -1.3
K31A	O'Neill	42.86 339 P	P	13 01 35.9 -1.0
J33A	Davis	42.86 341 P	P	13 01 34.9 -1.9
ECSD	EROS Data Cent	43.12 342 P	P	13 01 36.9 -2.0
ECSD	EROS Data Cent	43.12 342 eP	P	13 01 37.3 -1.6

MVCO	Mesa Verde	43.12 325 P	P	13 01 40.1 +0.8
MVCO	Mesa Verde	43.12 325 eP	P	13 01 40.8 +1.5
K30A	Bassett	43.22 338 P	P	13 01 39.5 -0.3
SPMN	Marine on St.	43.44 346 P	P	13 01 39.8 -1.6
SPMN	Marine on St.	43.44 346 eP	P	13 01 39.8 -1.6
H35A	Sunnyside Ranch	43.47 344 P	P	13 01 40.3 -1.4
ISCO	Idaho Springs	43.49 330 P	P	13 01 43.1 +0.8
ISCO	Idaho Springs	43.49 330 eP	P	13 01 43.6 +1.3
WUAZ	Wupatki	43.71 321 P	P	

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like TKM2, KST, DGS, KK31, IZV, TNS5, MDOK, KOTS, KTB5, KUU, CHKK, SATY.

MEX 20 13:57:34.8:0.7, 15:18N:90:96W, h33km, 70km, MD3.8,

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like CCIG, PCIG, SATY.

CSEM 20 14:01:11.6:0.1, 42:87N:13:12E, h8km, ML2.1/11, Error ellipse: s-maj=1.1km s-min=0.7km az=74.0, Central Italy

Large table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like NRCA, FDMO, SMTA, CAM, SNTG, TERO, CESI, LNNS, SNTG, MURB, SSFR, GUMA, FRON, MGAB, ATPC, PIEI, FSSB, CSEM, CESP, MURB, T0106, SSFR, GUMA, FRON, MGAB, ATPC, PIEI, FSSB.

ROM 20 14:01:41.5:0.1, 42:87N:13:12E, h8km, ML2.1/11, Error ellipse: s-maj=1.2km s-min=0.7km az=73.0

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like NRCA.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like NRCA, FDMO, SMTA, CAM, SNTG, TERO, CESI, LNNS, SNTG, MURB, SSFR, GUMA, FRON, MGAB, ATPC, PIEI, FSSB, CSEM, CESP, MURB, T0106, SSFR, GUMA, FRON, MGAB, ATPC, PIEI, FSSB.

CSEM 20 14:02:11.5:0.1, 42:88N:13:12E, h8km, ML1.6/9, Error ellipse: s-maj=1.2km s-min=0.7km az=87.0, Central Italy

Large table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like NRCA, FDMO, SMTA, CAM, SNTG, TERO, CESI, LNNS, SNTG, MURB, SSFR, GUMA, FRON, MGAB, ATPC, PIEI, FSSB, CSEM, CESP, MURB, T0106, SSFR, GUMA, FRON, MGAB, ATPC, PIEI, FSSB.

MAN 20 14:02:56, 19:37N:119:69E, h33km, mb4.8, ML3.7, MS3.7, 1D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like PIP, ABRA, APYP, SGP, CAUP.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like NSSC, ISCJB, CSEM, GRAL, BHL, BRBR, DQRL, MARH, HAWK, BIDA, WARR, ASAR, ILAR.

ICD 20 14:20:06.7:2.8:11S:164:43E, h0km, mb3.6/3, mb1 3.9/4, mb1mx3.5/40, mbtmp3.7/4, ML4.2/1, Error ellipse: s-maj=132.8km s-min=28.6km az=139.0, Santa Cruz Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like HNR, H1S2, H1S3, H1S1, H1N1, H1N2, WRA, ASAR, ILAR.

ICD 20 14:23:55.1:1.8, 19:32N:39:03E, h0km, mb3.7/7, mb1 3.7/7, mb1mx3.4/51, mbtmp3.7/7, MS3.3/15, Ms1 3.3/15, ms1mx3.2/44, Error ellipse: s-maj=65.9km s-min=19.9km az=152.0

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like ISCJB, MS3.3/1, ISC.

ISC 20 14:23:57.8:1.7, 19:32N:39:02E, h18km, n20, 0574/7, mb3.8/6, MS3.2/11, Red Sea

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like ATD, EIL, MMAI, WSAR, KMB, BRTR, GNI, KBZ, KVAR, GEYT, MLR, TORD, TOR, KURB, DBIC, DBIC, MKAR, ZALV, BOSA, CMAR, SONM, KRSR.

CSEM 20 14:25:38.6:0.2, 43:15N:18:74E, h2km, ML2.5, Error ellipse: s-maj=3.7km s-min=2.7km az=122.0

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like PDG, BEO, ISC, UPM.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BRY Bratogost, NKY Niksic, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DORL, OFRI, TCHB, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CDT, ZAPS, MATE, etc.

IDC 20 14:41:52.9-17.0, 23.08S-179.85E, h489km, 4.1km, mb3.5/5, mb1 3.7/5, mb1mx3.2/3, mbtmp3.4/5, Error ellipse: s-maj=110.1km s-min=47.0km az=138.0, South of Fiji Islands

CSEM 20 15:09:15.6-0.1, 43.17N-18.75E, h5km, ML3.0, Error ellipse: s-maj=3.6km s-min=2.9km az=100.0, PDG 20 15:09:15.6-0.1, 43.17N-18.72E, h12km, MD3.1/7, ML3.0/12, Error ellipse: s-maj=0.2km s-min=0.4km az=0.0, PRU 20 15:09:18.2-0.3, 43.31N-18.72E, h11km, 3km, M2.9/1, BEO 20 15:09:18.2-0.3, 43.31N-18.72E, h6km, 3km, M3.2/1, ISC 20 15:09:15.8-0.8, 43.18N-18.75E, h11km, 5km, n89, c1902/124, 20C-21D, Northwestern Balkan Peninsula

CSEM 20 15:20:05.4-0.1, 43.19N-18.76E, h5km, ML3.2, Error ellipse: s-maj=3.4km s-min=2.7km az=83.0, BEO 20 15:20:05.7-0.3, 43.18N-18.72E, h6km, 3km, M3.2/1, PDG 20 15:20:05.5-0.4, 43.17N-18.72E, h1km, MD3.2/9, ML3.2/12, Error ellipse: s-maj=0.6km s-min=0.0km az=0.0, PRU 20 15:20:08.2-0.3, 43.25N-18.80E, h11km, ISC 20 15:20:05.7-0.8, 43.17N-18.70E, h10km, 6km, n103, c1910/142, 29C-17D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like STKA Stephens Creek, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UPM Unac-Piva, BRY Bratogost, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UPM Unac-Piva, BRY Bratogost, etc.

IDC 20 14:42:22.9-17.0, 26.91N-144.73E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/5, mbtmp3.4/3, Error ellipse: s-maj=645.0km s-min=31.3km az=73.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UPM Unac-Piva, BRY Bratogost, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UPM Unac-Piva, BRY Bratogost, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SONM Songino Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UPM Unac-Piva, BRY Bratogost, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UPM Unac-Piva, BRY Bratogost, etc.

IDC 20 14:47:30.3-15.0, 21.55S-100.99E, h111km, 132km, mb3.5/7, mb1 3.6/7, mb1mx3.4/3, mbtmp3.9/7, Error ellipse: s-maj=141.7km s-min=14.8km az=58.0, Southern Sumatara

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UPM Unac-Piva, BRY Bratogost, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UPM Unac-Piva, BRY Bratogost, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UPM Unac-Piva, BRY Bratogost, etc.

NSSC 20 14:56:50.7-37.0, 34.05N-35.24E, h292km, 481km, ML2.3, ISC/B 20 14:57:31.2-0.5, 33.14N-0.02-35.43E, h0.04, h8km, 4km, Error ellipse: s-maj=6.5km s-min=3.1km az=19.7, CSEM 20 14:57:31.2-0.2, 33.08N-35.82E, h2km, MD2.0, Error ellipse: s-maj=3km s-min=3.5km az=92.0, GIL 20 14:57:31.1-0.4, 33.10N-35.45E, h3km, MD2.0/4, GRAL 20 14:57:32.3-0.5, 33.12N-35.47E, h0km, 2km, MD3.0, ISC 20 14:57:31.6-1.1, 33.13N-0.02-35.44E, h0.04, h10km, 8km, n28, c0960/43, Jordan-Syria region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UPM Unac-Piva, BRY Bratogost, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KSDI Kefar Szold, BLGI Bet Lehem HaGe, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UPM Unac-Piva, BRY Bratogost, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UPM Unac-Piva, BRY Bratogost, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like VTS Vitosa, VAY Valandovo, VYV Valandovo, CRES Cresnjevo, BEHE Becehely, SIRR Siria, CEY Cerknica, PKSG PKSG, SOKA Soboth, PSZ Piszkesteto, VOIR VOIR, CONA Conrad Observa, MOA Molin, MLR Muntele Rosu, PLOR Plostina, KOLS Kolonickie sedl, KHC Kasperske Hory.

IDC 20 15:26:57.4-0.9, 0.46N, 126.27E, h0km, mb3.9/6, mb1 4.0/8, mb1mx3.7/26, mbtmp3.9/6, ML3.0/1, Error ellipse: s-maj=37.7km s-min=16.8km az=65.0 NEIC 20 15:26:59.5-2.4, 0.48N, 126.36E, h18km, 16km, mb4.0/2, Error ellipse: s-maj=18.2km s-min=10.9km az=79.0 ISCJB 20 15:27:01.1-0.6, 0.46N, 126.44E, h0km, 4h7km, mb3.9/8, Error ellipse: s-maj=11.5km s-min=8.5km az=5.5 ISC 20 15:27:02.8-0.7, 0.45N, 126.45E, h0.8km, h47km, n14, n15, n16, mb3.9/8, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TNTI Ternate, SIUI Sorong, KAPI Kappang, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, SONM Songoing Array, MKAR Makanchi Array, TKM2 Tokmak 2, EK52 Erkin-Say, ZALV Zalesov Beam, ABKAR Abkular array, TORD Torodi Ar. Bea, PKPpdf.

IDC 20 15:27:22.7-5.0, 2.293S, 68.16W, h0km, mb4.2/2, mb1 4.0/3, mb1mx3.7/26, mbtmp4.0/3, ML3.0/1, Error ellipse: s-maj=135.0km s-min=52.2km az=63.0 ISCJB 20 15:27:39.8-0.8, 2.171S, 0.0668W, 0.2, h147km, 12km, mb3.8/2, Error ellipse: s-maj=25.5km s-min=10.5km az=119.7 GUC 20 15:27:40.9-0.4, 2.171S, 68.33W, h137km, 3km, ML4.0, ISC 20 15:27:40.5-1.2, 2.168S, 0.0768W, 0.2, h137km, 14km, n11, n0549/17, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, PB01 IPOC Station P, PB07 IPOC Station P, PB04 IPOC Station P, PBATX Punta Patache, HMBC Humberstone, LPAZ La Paz, DBIC Dimbokro, TORD Torodi Ar. Bea, MKAR Makanchi Array.

IDC 20 15:31:38.4-0.9, 13.57N, 145.93E, h0km, mb3.6/7, mb1 3.8/7, mb1mx3.5/64, mbtmp3.6/7, MS3.0/1, Ms1 3.0/1, ms1mx2.5/32, Error ellipse: s-maj=24.7km s-min=20.4km az=119.0 ISCJB 20 15:31:42.8-0.8, 13.58N, 0.1:145.87E, 0.08, h43km, mb3.5/7, MS2.9/1, Error ellipse: s-maj=18.6km s-min=11.5km az=175.7 ISC 20 15:31:44.5-0.9, 13.58N, 0.2:145.87E, 0.1, h43km, n11, n0945/11, mb3.6/7, Mariana Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GUMO Guam, GUMO, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, BVAR Borovoye Array, YKA Yellowknife Arr, DBIC Dimbokro, LPAZ La Paz.

FUNUV 20 15:37:29.1, 5.55N, 73.74W, h90km, MW3.0, ISCJB 20 15:37:31.8-0.6, 6.04N, 0.03:73.67W, 0.03, h132km, 6km, mb3.1/1, Error ellipse: s-maj=6.1km s-min=4.2km az=42.5 IDC 20 15:37:32.6-2.3, 6.29N, 74.86W, h109km, 2.4km, mb3.0/1, mb1 3.6/2, mb1mx3.0/39, mbtmp3.7/2, Error ellipse: s-maj=69.6km s-min=26.4km az=56.0 RSCNC 20 15:37:34.0-1.0, 6.05N, 73.70W, h113km, 7km, ML 2, ISC 20 15:37:31.9-1.0, 6.04N, 0.0:73.66W, 0.04, h130km, 2km, n26, n12940/20, Northern Colombia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RUSC La Rusia, BARC Barichara, NORC Norcasia, ROSC El Rosal, ROSC Chingaza, CHIC Yopal, HELC Santa Helena, GRMC Gramatole, San, GUYC Guyana, Colombia, VILC Villavicencio, TOLC Tolima, OCAC Ocana, CAPV Capacho, DBBC Dabeiba, SOCV Socops, VIGV El Vigia, GUYC San Jose del G, VIRV Villa del Rosa, CURV Curarigua, BAUV El Baul, JUPS Capira, YKA Yellowknife Arr, WRA Warramunga Arr.

IDC 20 15:54:03.9-12.0, 26.12N, 142.23E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/28, mbtmp3.5/4, Error ellipse: s-maj=481.2km s-min=24.3km az=71.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SONM Songoing Array, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, ATH 20 15:54:33.0, 39.41N, 26.29E, h22km, 1km, MD3.0/7, ISCJB 20 15:54:34.1-0.6, 39.43N, 0.02:26.23E, 0.04, h13km, 4km, Error ellipse: s-maj=5.7km s-min=3.9km az=14.9 CSEM 20 15:54:34.3-0.2, 39.45N, 26.20E, h12km, MD3.0, Error ellipse: s-maj=4.8km s-min=3.4km az=109.0 ISK 20 15:54:34.0, 39.47N, 26.24E, h8km, MD2.7, ISC 20 15:54:34.1-0.9, 39.44N, 0.02:26.23E, 0.03, h11km, 8km, n39, n0564/55, Turkey

IDC 20 15:54:03.9-12.0, 26.12N, 142.23E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/28, mbtmp3.5/4, Error ellipse: s-maj=481.2km s-min=24.3km az=71.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PRK Paraskevi, SIGR Sigiri, EZN Ezine, DKL Dikili, LIA Limnos Island, LPK Lapseki, CHOS Chios island, SMTH Samothraki Isl, ERK Erkki-Kesan, KRBB Karabiga-Canak, GONE Gonon-Balkiesi, BALB Balkiesir, RKY Sarkoy-Tekirda.

ATH 20 15:54:33.0, 39.41N, 26.29E, h22km, 1km, MD3.0/7, ISCJB 20 15:54:34.1-0.6, 39.43N, 0.02:26.23E, 0.04, h13km, 4km, Error ellipse: s-maj=5.7km s-min=3.9km az=14.9 CSEM 20 15:54:34.3-0.2, 39.45N, 26.20E, h12km, MD3.0, Error ellipse: s-maj=4.8km s-min=3.4km az=109.0 ISK 20 15:54:34.0, 39.47N, 26.24E, h8km, MD2.7, ISC 20 15:54:34.1-0.9, 39.44N, 0.02:26.23E, 0.03, h11km, 8km, n39, n0564/55, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AKH Akhalkalaki, AKH Akhalkalaki, EAK Akyaka, KZR Kazreti, DIGO Kars, TBLG Delisi.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ALN Alexandroupoli, ALN Alexandroupoli, EDC Edincik, MRMT Marmara Adasi, SMG Samos, TVSB Tavsantli.

IDC 20 16:08:04.1-1.1, 0.163S, 176.16W, h55km, 134km, mb3.1/5, mb1 3.3/5, mb1mx2.9/40, mbtmp4.1/5, Error ellipse: s-maj=59.5km s-min=37.4km az=7.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RPZ Rata Peaks, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, BRTR Keskin Array B.

GII 20 16:15:04.9-0.0, 33.08N, 35.48E, h2km, MD2.0/4, ISCJB 20 16:15:05.4-0.4, 33.11N, 0.02:35.45E, 0.03, h2km, 4km, Error ellipse: s-maj=4.7km s-min=3.3km az=20.2 CSEM 20 16:15:05.0-0.1, 33.12N, 35.46E, h4km, 2km, MD2.0, Error ellipse: s-maj=3.5km s-min=2.1km az=115.0 NSSC 20 16:15:06.4, 1.4, 33.05N, 35.45E, h14km, 9km, ML2.1, GRAL 20 16:15:06.4-0.4, 33.12N, 35.45E, h0km, 3km, MD3.2, ISC 20 16:15:05.7-0.9, 33.12N, 0.02:35.46E, 0.02, h10km, 7km, n37, n052/61, Jordan-Syria region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KSDI Kefar Szold, HNTI Hanita, NAQL Naqura, BLGI Bet Lehem HaGe, DQRL Deir Qamar, DQRL Deir Qamar, TCHB Talchebab, TCHB Talchebab, OFRI Oter, MMLI Mount Malkishu, MMLI Mount Malkishu, BHL Bhamnes, HMDT Nahal Hemdat, HMDT Nahal Hemdat, SLTI Sal'it, SLTI Sal'it, SALA Sala, SALA Sala, SALA Sala, SALA Sala, MARH Ras Al Marh, MARH Ras Al Marh, FKH Fakeheh, DSI Dead Sea, DSI Dead Sea, ZALF Zalf, ZALF Zalf, ZALF Zalf, ZALF Zalf, ROOS ti_alroos, ROOS ti_alroos, PRNI Paran, PRNI Paran.

IDC 20 16:31:38.9-0.1, 41.08N, 43.86E, h2km, ML 1.7, Error ellipse: s-maj=3.3km s-min=2.2km az=147.0 DDA 20 16:31:38.4, 41.12N, 43.82E, h7km, Md2.9 TIF 20 16:31:38.5, 41.12N, 43.86E, h13km, 2km, ISC 20 16:31:38.8-1.0, 41.10N, 0.03:43.86E, 0.02, h8km, 10km, n22, n043/44, Turkey-Georgia border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KSDI Kefar Szold, HNTI Hanita, NAQL Naqura, BLGI Bet Lehem HaGe, DQRL Deir Qamar, DQRL Deir Qamar, TCHB Talchebab, TCHB Talchebab, OFRI Oter, MMLI Mount Malkishu, MMLI Mount Malkishu, BHL Bhamnes, HMDT Nahal Hemdat, HMDT Nahal Hemdat, SLTI Sal'it, SLTI Sal'it, SALA Sala, SALA Sala, SALA Sala, SALA Sala, MARH Ras Al Marh, MARH Ras Al Marh, FKH Fakeheh, DSI Dead Sea, DSI Dead Sea, ZALF Zalf, ZALF Zalf, ZALF Zalf, ZALF Zalf, ROOS ti_alroos, ROOS ti_alroos, PRNI Paran, PRNI Paran.

IDC 20 16:31:38.9-0.1, 41.08N, 43.86E, h2km, ML 1.7, Error ellipse: s-maj=3.3km s-min=2.2km az=147.0 DDA 20 16:31:38.4, 41.12N, 43.82E, h7km, Md2.9 TIF 20 16:31:38.5, 41.12N, 43.86E, h13km, 2km, ISC 20 16:31:38.8-1.0, 41.10N, 0.03:43.86E, 0.02, h8km, 10km, n22, n043/44, Turkey-Georgia border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AKH Akhalkalaki, AKH Akhalkalaki, EAK Akyaka, KZR Kazreti, DIGO Kars, TBLG Delisi.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include TBLG Delisi, EPOS Posof, DGRG David-gareji, ARTV Artvin, etc.

NEIC 20 16:31:44.6:5.2, 21.45Sx176.22W, h106km, 4.4km, mb4.7/8, Error ellipse: s-maj=20.7km s-min=14.9km az=221.0

ISC 20 16:31:46.2:0.6, 21.50S; 176.28W, h116km, 7.9km, mb4.1/1.1, mb1.1-3.9/12, mb1mx3.9/38, mbtmp4.5/12, Error ellipse: s-maj=34.3km s-min=22.2km az=55.0

ISC 20 16:31:49.2:0.6, 21.45S; 0.1:176.1W; 0.1, h154km, n41, c175/43, mb4.5/15, 2C-1D, Fijil Islands region

Main table for NEIC and ISC events, listing station names, coordinates, and seismic parameters for various stations like AFI Afiamalu, DZM Mont Dzumac, etc.

MAN 20 17:18:50.9, 30Nx125.77E, h191km, mb4.3, ML3.2, MS3.0, 1D, Mindanao

Table for MAN event, listing station names and seismic parameters for stations like BUTP Butuan, SUTP Surigao, etc.

ISCJB 20 17:19:17.4:0.9, 37.97N; 0.05:29.03E; 0.05, h8km, 7km, Error ellipse: s-maj=7.8km s-min=6.1km az=172.1

CSEM 20 17:19:17.6:0.2, 37.99N; 29.04E, h10km, MD2.4, Error ellipse: s-maj=4.7km s-min=4.3km az=141.0

DDA 20 17:19:17.1, 37.99N; 29.02E, h6km, MD2.8

ISK 20 17:19:17.5, 37.99N; 29.04E, h10km, MD2.4

ISC 20 17:19:18.0:1.1, 38.01N; 0.04:29.05E; 0.03, h9km, 9km, n17, c051/28, Turkey

Table for ISC event, listing station names and seismic parameters for stations like UZP Denizli, DENT Denizli, etc.

Table for MANT Manisa event, listing station names and seismic parameters for stations like MANT Manisa, AYDB Zeytinkoy-Aydi, etc.

ISC 20 17:31:15.1:1.7, 2.427S; 103.32E, h0km, mb3.4/4, mb1 3.5/4, mb1mx3.3/26, mbtmp3.4/4, Error ellipse: s-maj=370.7km s-min=22.9km az=52.0, Southern Sumatera

Table for H0S2 Diego Garcia H event, listing station names and seismic parameters for stations like H0S2 Diego Garcia H, H0S3 Diego Garcia H, etc.

ISC 20 17:38:44.1:1.6, 38.77S; 74.11W, h0km, mb3.8/5, mb1 4.0/8, mb1mx3.9/35, mbtmp3.9/8, ML4.2/3, MS3.8/4, M51 3.7/4, ms1mx3.4/22, Error ellipse: s-maj=43.1km s-min=18.1km az=44.0

GUC 20 17:38:46.4:0.7, 38.50S; 73.96W, h30km, 1.1km, ML4.5

ISCJB 20 17:38:48.6:0.9, 38.52S; 0.04:73.8W; 0.1, h33km, mb3.8/5, MS3.7/3, Error ellipse: s-maj=15.5km s-min=5.8km

Table for ISC event, listing station names and seismic parameters for stations like PSCH Puerto Saavedr, PSCH Valdivia, etc.

ISC 20 17:38:50.2:1.0, 38.55S; 0.05:73.8W; 0.1, h35km, n15, c1543/16, mb3.8/5, MS3.8/3, Near coast of central Chile

Main table for ISC events, listing station names, coordinates, and seismic parameters for various stations like PLCA Paso Flores, LVC Limon Verde, etc.

ISC 20 17:46:51.0:1.8, 40.10S; 176.39E, h0km, mb4.2/3, mb1 4.3/4, mb1mx4.0/31, mbtmp4.1/4, ML3.0/1, MS2.9/1, M51 2.9/1, ms1mx2.6/32, Error ellipse: s-maj=42.9km s-min=17.8km az=112.0

ISCJB 20 17:46:57.0:0.3, 40.14S; 0.02:176.32E; 0.04, h49km, 3km, mb4.2/3, Error ellipse: s-maj=5.1km s-min=2.8km az=21.0

WEL 20 17:46:58.0:0.1, 40.10S; 176.21E, h35km, 1km, ML4.1/1.0, Error ellipse: s-maj=1.3km s-min=0.6km az=90.0, maximum reported intensity MM 5. WEL Felt from King Country to Wairarapa, and from Whanganui to Hawke's Bay.

NEIC 20 17:46:58.3:0.4, 14S; 176.29E, h35km, ML4.1(WEL), After WEL

ISC 20 17:46:57.0:0.9, 40.11S; 0.02:176.22E; 0.02, h33km, 2km, n165, c063/17.0, mb4.2/3, 23C-14D, North Island

Main table for ISC events, listing station names, coordinates, and seismic parameters for various stations like WPHZ Waipukurau, DVHZ Dannevirke, etc.

Table for MRZ Mangatainoka R event, listing station names and seismic parameters for stations like MRZ Mangatainoka R, MCHZ McNeill Hill, etc.

ISC 20 17:47:19.3:0.8, 38.22S; 174.23E, h0km, mb3.8/5, mb1 3.5/4, mb1mx3.3/26, mbtmp3.4/4, Error ellipse: s-maj=370.7km s-min=22.9km az=52.0, Southern Sumatera

Table for H0W2 Whangaeahu Hut event, listing station names and seismic parameters for stations like H0W2 Whangaeahu Hut, H0W3 Whangaeahu Hut, etc.

ISC 20 17:47:19.3:0.8, 38.22S; 174.23E, h0km, mb3.8/5, mb1 3.5/4, mb1mx3.3/26, mbtmp3.4/4, Error ellipse: s-maj=370.7km s-min=22.9km az=52.0, Southern Sumatera

ISC 20 17:47:19.3:0.8, 38.22S; 174.23E, h0km, mb3.8/5, mb1 3.5/4, mb1mx3.3/26, mbtmp3.4/4, Error ellipse: s-maj=370.7km s-min=22.9km az=52.0, Southern Sumatera

ISC 20 17:47:19.3:0.8, 38.22S; 174.23E, h0km, mb3.8/5, mb1 3.5/4, mb1mx3.3/26, mbtmp3.4/4, Error ellipse: s-maj=370.7km s-min=22.9km az=52.0, Southern Sumatera

Table for H0W2 Whangaeahu Hut event, listing station names and seismic parameters for stations like H0W2 Whangaeahu Hut, H0W3 Whangaeahu Hut, etc.

ISC 20 17:47:19.3:0.8, 38.22S; 174.23E, h0km, mb3.8/5, mb1 3.5/4, mb1mx3.3/26, mbtmp3.4/4, Error ellipse: s-maj=370.7km s-min=22.9km az=52.0, Southern Sumatera

Main table for ISC events, listing station names, coordinates, and seismic parameters for various stations like PSCH Puerto Saavedr, PSCH Valdivia, etc.

ISC 20 17:46:51.0:1.8, 40.10S; 176.39E, h0km, mb4.2/3, mb1 4.3/4, mb1mx4.0/31, mbtmp4.1/4, ML3.0/1, MS2.9/1, M51 2.9/1, ms1mx2.6/32, Error ellipse: s-maj=42.9km s-min=17.8km az=112.0

ISCJB 20 17:46:57.0:0.3, 40.14S; 0.02:176.32E; 0.04, h49km, 3km, mb4.2/3, Error ellipse: s-maj=5.1km s-min=2.8km az=21.0

WEL 20 17:46:58.0:0.1, 40.10S; 176.21E, h35km, 1km, ML4.1/1.0, Error ellipse: s-maj=1.3km s-min=0.6km az=90.0, maximum reported intensity MM 5. WEL Felt from King Country to Wairarapa, and from Whanganui to Hawke's Bay.

NEIC 20 17:46:58.3:0.4, 14S; 176.29E, h35km, ML4.1(WEL), After WEL

ISC 20 17:46:57.0:0.9, 40.11S; 0.02:176.22E; 0.02, h33km, 2km, n165, c063/17.0, mb4.2/3, 23C-14D, North Island

Main table for ISC events, listing station names, coordinates, and seismic parameters for various stations like WPHZ Waipukurau, DVHZ Dannevirke, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NNZ, WMGZ, QRZ, KHZ, etc.

IDC 20 17:56:34.4.2.3.30112S:177.76W, h97km, 13km, mb3.0/2, mb1 3.5/4, mb1mx3.4/32, mbtmp3.8/4, Error ellipse: s-maj=54.9km s-min=25.7km az=98.0

ISC 20 17:56:25.9.2.4.30111S:109.1766W, 0.2, h35km, n12, c134/16, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO, ASAR, WMGZ, etc.

IDC 20 18:01:25.4.2.0.1015N:125.43E, h0km, mb3.4/4, mb1 3.5/4, mb1mx3.2/50, mbtmp3.4/4, MS3.8/1, Ms1 3.8/1, ms1mx2.8/27, Error ellipse: s-maj=200.9km s-min=26.0km az=70.0, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSI, ASAR, SONM, etc.

SJA 20 18:02:56.6.0.5.23.92S:66.64W, h235km, 13km, ML2.5, MW2.9

ISCJB 20 18:02:59.7.0.6.23.87S:0.08:66.64W, 0.08, h195km, mb3.2/1, Error ellipse: s-maj=12.8km s-min=7.9km az=135.9

IDC 20 18:02:59.5.1.1.23.64S:66.58W, h207km, 16km, mb3.2/1, mb1 3.2/5, mb1mx3.1/30, mbtmp3.7/5, MS3.0/1, Ms1 3.0/1, ms1mx2.5/11, Error ellipse: s-maj=22.4km s-min=20.9km az=14.0

ISC 20 18:02:59.9.1.0.23.83S:0.08:66.60W, 0.09, h195km, n13, c153/14, Jujuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HJA, SLA, AZAP, etc.

ISCJB 20 18:03:17.8.0.3.67.04N:0.02:21.00E, 0.09, h0km, Error ellipse: s-maj=4.9km s-min=2.7km az=0.5

UPP 20 18:03:18.7.0.1.67.07N:21.00E, h0km, ML2.0, Explosion

CSEM 20 18:03:19.2.0.2.67.09N:20.89E, h2km, ML2.3, Error ellipse: s-maj=5.3km s-min=3.2km az=93.0, Mining explosion

NAO 20 18:03:19.7.1.0.67.10N:21.28E, ML2.3

HEL 20 18:03:19.5.0.1.67.06N:20.99E, h0km, ML2.3, ML2.0(U)P, Explosion

IDC 20 18:03:20.3.0.8.67.00N:21.22E, h0km, mb1 3.2/5, mb1mx3.0/50, mbtmp3.2/5, ML2.3/5, Error ellipse: s-maj=15.6km s-min=7.6km az=110.0

BER 20 18:03:21.4.3.6.67.12N:20.97E, h0km, ML1.6, ML2.3(NAO), Suspected explosion

ISC 20 18:03:18.8.0.7.67.05N:0.02:20.94E, 0.03, h0km, n79, c1505/104, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ERTU, HARU, KUA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LANU, LANU, LANU, etc.

comp=Z, 2.1nm, 0.2s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HEF, HEF, HEF, etc.

comp=Z, 30nm, 0.2s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIF, KIF, KIF, etc.

comp=Z, 8.1nm, 0.3s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KTK1, KTK1, KTK1, etc.

comp=Z, 8.5nm, 0.3s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARAO, ARAO, ARAO, etc.

comp=Z, 1.9nm, 0.3s, baz=219, slow=22, SNR=13

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARO, ARO, ARO, etc.

comp=Z, 2.1nm, 0.3s, baz=219, slow=12, SNR=5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KEV, KEV, KEV, etc.

comp=Z, 2.1nm, 0.3s, baz=219, slow=12, SNR=5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KEV, KEV, KEV, etc.

comp=Z, 0.3nm, 0.3s, baz=346, slow=21, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NB2, NB2, NB2, etc.

comp=Z, 0.1nm, 0.3s, baz=196, slow=12, SNR=2.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HFS, HFS, HFS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OHH, ARLS, ARLS, etc.

comp=Z, 1.43nm, 0.2s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UCH, UCH, UCH, etc.

comp=Z, 1.43nm, 0.2s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNAS, MNAS, MNAS, etc.

comp=Z, 1.43nm, 0.2s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK, AAK, AAK, etc.

comp=Z, 1.43nm, 0.2s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BTK, BTK, BTK, etc.

comp=Z, 1.43nm, 0.2s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ULSH, ULSH, ULSH, etc.

comp=Z, 1.43nm, 0.2s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TMK2, TMK2, TMK2, etc.

comp=Z, 1.43nm, 0.2s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IUG, IUG, IUG, etc.

comp=Z, 1.43nm, 0.2s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KST, KST, KST, etc.

comp=Z, 1.43nm, 0.2s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DGS, DGS, DGS, etc.

comp=Z, 1.43nm, 0.2s

20d 18h

Table with columns: WRAB, WRA, WRA, FITZ, QSPA, SNA, SNA, VNA, VNA, NEW, MKAR, KURK, BVAR, BRVK, ARCES, KBZ, FINES, NB2, NOA, AKASG, BRTR, CLL, TORO, GERES. Includes station names, coordinates, and various codes.

BUI 20 18:15:00.3, 5.70N; 127:30E, h82km, mb4.2/3, Ms4.7/1, Ms7.4, 3/1

DJA 20 18:15:01.4, 0.7, 6.1N; 127:17E, h10km, M4.5/8, mB4.5/6, mB4.6/3, ML4.8, MvM4.9, 1/3

MAN 20 18:15:02.5, 6.1N; 127:08E, h48km, mb4.9, ML3.9, MS4.0

ISCJB 20 18:15:02.8, 0.6, 5.5N; 127:04E, h126.96E, 0.08, h96km, 5km, mb4.0/27, Error ellipse: s-maj=13.1km s-min=5.0km az=160.6

NEIC 20 18:15:04.6, 0.9, 5.62N; 127:01E, h99km, 8km, mb4.3/5, Error ellipse: s-maj=18.5km s-min=6.6km az=70.0

IDC 20 18:15:04.3, 1.2, 5.59N; 127:10E, h99km, 10km, mb3.8/21, mb1.3/9/23, mb1mx3.8/54, mbtmp4.1/23, MS2/7.1, MS1.2/7.1, ms1mx2.5/54, Error ellipse: s-maj=22.8km s-min=8.6km az=63.0

ISC 20 18:15:03.5, 0.9, 5.52N; 126:59E, 0.08, h88km, 8km, n6.0, r160/65, mb4.2/27, 2C-3D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates.

APSI Ampana 8.28 220 P Pn 18 16 53.2 +0.5

KRAI Karang Ratu 8.90 170 P Pn 18 17 12.1 +2.8

KAPPANG Kappang 12.68 215 LR LR 18 23 46.0

FITZ Fitzroy Crossi 23.50 183 P P 18 20 06.9 +1.3

ASAR Alice Springs 29.79 167 P P 18 21 02.6 +0.5

CMAR Chiang Mai Arr 30.18 252 P Pn 18 21 05.9 +0.2

USRK Ussuriysk Ar. 38.78 6 P P 18 22 19.2 -0.2

NWAO Narrogin (SRO) 39.32 193 P Pn 18 22 25.4 +1.3

STKA Stephens Creek 39.73 160 P P 18 22 28.9 +1.4

LSA Lhasa 41.43 310 eP P 18 22 43.0 +0.8

GTA Gaotai 41.69 328 eP pmax 18 22 44.5 +0.8

TAPN Taping 43.15 305 eP P 18 22 55.4 -0.5

ODAN Odare 43.22 304 eP P 18 22 56.2 -0.3

RAMN Ramite 43.91 304 eP P 18 23 02.3 +0.3

GUN Gumba 44.86 305 eP P 18 23 09.9 +0.2

PKIN Phulchoki 45.13 304 eP P 18 23 11.2 -0.6

KKK Kakani 45.31 304 eP P 18 23 12.8 -0.3

SONM Songoing Array 45.68 341 P P 18 23 14.9 -0.8

KOLN Koldanda 46.69 303 eP P 18 23 24.1 +0.1

PETK Petrovskovsk- 53.72 22 P P 18 24 16.1 -0.3

MKAR Makanchi Array 56.22 324 P P 18 24 35.3 +0.7

MKAR Makanchi Array 56.22 324 P P 18 25 32.0 +0.7

ZALV Zalesovo Beam 59.10 332 P P 18 24 53.0 -1.6

KURK Kurchatov 60.35 327 eP P 18 25 03.4 +0.2

KARAT Karatay Array 68.08 316 eP P 18 25 14.8 -0.3

BVAR Borovoye Array 65.94 327 P P 18 25 40.7 +0.5

BRVK Borovoye 66.02 327 eP P 18 25 40.6 0.0

NRK Noril'sk 68.75 346 P P 18 25 58.3 +0.7

GEYT Geitay 70.90 324 P P 18 26 05.7 +0.1

ABKAR Abkhal array 70.90 324 P P 18 26 11.4 +0.2

AKTO Aktyubinsk 72.39 321 P P 18 26 19.3 -0.8

2011 JAN

Table with columns: ARU, RAYN, ILAR, ARCES, BRTR, FINES, AKASG, MLR. Includes station names, coordinates, and various codes.

DJA 20 18:25:32.0, 3.0, 3.33; 111:08E, h10km, M3.8/13, ML3.8/13, Sumbawa region

CSEM 20 18:25:28.3, 0.3, 3.33; 114N; 35:45E, h2km, ML3.0, Error ellipse: s-maj=6.9km s-min=5.8km az=100.0

GRAL 20 18:25:28.8, 0.4, 3.33; 12N; 35:47E, h7km, 2km, MD3.0

NSCC 20 18:25:29.5, 1.5, 3.33; 08N; 35:58E, h0km, 2km, ML1.6

ISC 20 18:25:28.2, 1.0, 3.33; 13N; 0:03, 35:46E, 0.03, h8km, 10km, n16, r056/28, Jordan-Syria region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates.

IDC 20 18:26:02.9, 1.8, 3.22; 01S; 177:90W, h0km, mb4.0/3, mb1.4/2/4, mb1mx3.9/30, mbtmp4.0/4, ML3.9/1, Error ellipse: s-maj=43.7km s-min=40.5km az=6.0

ISC 20 18:26:07.1, 9.3, 32.3S; 0:2, 178:1W; 0.3, h24km, n6, r87/1, mb4.1/3, South of Kermadec Islands

URZ Urewera 7.11 212 P Pn 18 27 51.2 +0.8

URZ Urewera 7.11 212 P Pn 18 29 09.5 -0.9

STKA Stephens Creek 34.02 260 P P 18 32 50.1 +0.1

ASAR Alice Springs 42.96 269 P P 18 34 05.4 +0.1

WAR Warramunga Arr 44.12 274 P P 18 34 14.6 -0.1

FINES Finess Array B 146.91 339 PKPbc PKPfd 18 45 44.9 -0.7

TORD Torodi Arr Be 160.92 179 PKPab PKPab 18 46 49.0 0.0

SOME 20 18:26:32.4, 4.2; 110N; 78:52E, h20km

NINC 20 18:26:32.2, 1.3, 4.2; 121N; 78:61E, h0km, mb2.9, mpv2.6, Error ellipse: s-maj=13.9km s-min=2.9km az=152.0

KRNET 20 18:26:34.0, 0.1, 4.2; 113N; 78:49E, h28km, mb2.3, Error ellipse: s-maj=11.1km s-min=2.9km az=149.0

ISC 20 18:26:31.5, 1.6, 4.2; 113N; 0:05, 78:53E, 0.03, h4km, 11km, n36, r102/68, 21C-12D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates.

1032

Table with columns: PDGK, SHLS, SHLS, TNSS, TNSS, MDOK, MDOK, KOTS, KOTS, IZV, IZV, MTBS, MTBS, MTBS, KTMS, KTMS, BOOM, BOOM, MNBS, MNBS, MNBS, CHKK, CHKK, CHKK, KTBS, KTBS, KTBS, KST, KST, ARXS, ARXS, ARXS, TKMX, TKMX, TKMX, DGS, DGS, DGS, KUU, KUU, KUU, DJR, DJR, DJR, KZA, KZA, KZA, KBK, KBK, UCH, UCH, AAK, AAK, AAK, KAPS, KAPS, KAPS, MRKS, MRKS, MRKS, MK31, MK31, MK31, MK31, MK31, MK31. Includes station names, coordinates, and various codes.

IDC 20 18:28:34.9, 1.9, 21:20S; 168:51E, h0km, mb4.3/6, mb1.4/5/7, mb1mx4.0/36, mbtmp4.3/7, ML3.4/1, MS3.0/2, Ms1.3/0/2, ms1mx2.8/40, Error ellipse: s-maj=69.1km s-min=23.9km az=145.0

NEIC 20 18:28:35.5, 1.1, 21:37S; 168:67E, h10km, mb4.6/3, Error ellipse: s-maj=37.1km s-min=16.3km az=149.0

ISC 20 18:28:39.8, 2.0, 21:1S; 0:4, 168:4E, 0.4, h35km, n14, r0576/10, mb4.4/7, Loyalty Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates.

WEL 20 18:31:34.0, 0.3, 37.79S; 176:58E, h131km, 3km, ML3.6/8, 3C-2D, Error ellipse: s-maj=2.8km s-min=2.4km az=90.0, North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LAKA, KALE, PVO, PSARO, RLS, RLV, KLV, DRO, EVR, PDO, DSF, DES, GUR, MAKR, AGG, AGS, AMT, DSL, LK2D, VLS, LTK.

ISCJB 20 19:20:27.2±1.1, 35°30'N, 0°04'22.89E±0.05, h3km, 6km, Error ellipse: s-maj=8.4km s-min=4.0km az=41.7 CSEM 20 19:20:27.3±0.5, 35°28'N, 22°89E, h2km, ML2.9, Error ellipse: s-maj=12.4km s-min=4.9km az=43.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ANKY, IMMV, KYTH, VAM, GVD, VLI, SIVA, MHLO, IDI, PYL, KRND, VLX, LAST, NPS, TRIP, SANT, KOLS, STHS.

mb1 4.0/4, mb1mx3.6/32, mbtmp3.8/4, ML3.9/3, Error ellipse: s-maj=83.8km s-min=27.4km az=73.0, Banda Sea

WEL 20 19:33:52.9±0.1, 43°63'S, 172°24'E, h9km, 1km, ML3.8/22, 3C-3D, Error ellipse: s-maj=1.0km s-min=1.0km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CRZL, MOZ, OXF, LTK, RPZ, WVV, KHZ, KLB, LBZ, ODZ, FOZ, DNN, DSZ, THZ, BSWZ, TUWZ, NNZ, JCK, WJZ, WKZ, EAZ, ORZ, TCW, CANN, SCB, SYZ, MRZ.

DKC 20 19:39:53.1±1.6, 15°48'S, 173°64'W, h0km, mb3.7/7, Mb1 4.1/7, mb1mx3.9/34, mbtmp3.7/7, MS4.0/25, Ms1 4.0/25, ms1mx3.9/35, Error ellipse: s-maj=95.2km s-min=20.5km az=147.0

GCMT 20 19:40:00.0±0.4, 15°35'S, 173°02'W, h22km, 1km, MW4.9/71, Moment tensor solution, s1, c20, s71, c96, Duration: 0. Moment tensor: Scale 10^19Nm; M=2.17z; 28; Mw=0.63±.26; Best double couple: Mo=2.95500x10^16

ISC 20 19:39:58.9±1.5, 15°7'S, 173°5W, 0.4, h42km, n44, c186/10, mb3.6/7, MS4.1/22, Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI, RAR, DZM, CTA, PMG, STKA, ASAR, WRAB, WRA, PPT, PPT2, PPT3, PPT4, TIO, TIAR, URZ, TBI, PMOR, VAH, HNR, RPZ, RKT, H11N, H11N1, H11N2, STKA, STKA, WRA, ASAR, ANSA, MJAR.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PETK, NVAR, NVAR, KSRS, USRK, TXAR, NEW, ANMO, PDAR, ILAR, ILAR, CMIG, MAW, PLCA, CMAR, ULM, SONM, KHC, BRTR, GERES.

DC 20 19:42:11.4±1.1, 2°11'N, 126°48'E, h0km, mb3.9/7, Mb1 4.1/7, mb1mx3.8/39, mbtmp3.9/7, Error ellipse: s-maj=70.6km s-min=16.1km az=66.0

DJA 20 19:42:13.6±1.1, 2°11'N, 127°12'E, 1.0, h10km, M4.2/5, Mb4.8/1, Mb4.9/1, MLV3.8/5, MW(MB)4.0/1

ISCJB 20 19:42:16.0±1.0, 2°34'N, 0°06'126.82E±0.08, h53km, mb3.8/5, Error ellipse: s-maj=13.3km s-min=6.1km az=152.7

ISC 20 19:42:17.8±0.9, 2°32'N, 0°07'126.82E±0.09, h53km, n15, c154/18, mb3.9/6, Northern Molucca Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TNTI, SGSI, LBMI, GTOI, SANI, SANI, MRSI, KRRI, APSI, FITZ, WRA, CMAR, STKA, SONM, MKAR.

DC 20 19:49:14.9±1.4, 19°85'S, 173°75'W, h0km, mb4.2/11, Mb1 4.4/13, mb1mx4.2/29, mbtmp4.2/13, ML4.2/2, MS3.6/2, Ms1 3.6/2, ms1mx3.0/38, Error ellipse: s-maj=54.8km s-min=17.5km az=148.0

NEIC 20 19:49:16.7±10.0, 19°70'S, 173°81'W, h11km, 60km, mb4.4/2, Error ellipse: s-maj=64.7km s-min=11.2km az=144.0

ISCJB 20 19:49:18.8±1.2, 19°65'0.2, 173°9W, 0.2, h31km, mb4.1/12, MS3.8/1, Error ellipse: s-maj=41.3km s-min=12.0km az=142.4

ISC 20 19:49:20.1±1.4, 19°65'0.3, 173°9W, 0.2, h31km, n22, c180/19, mb4.3/12, Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI, RAR, DZM, CTA, PMG, STKA, ASAR, WRAB, WRA, PPT, PPT2, PPT3, PPT4, TIO, TIAR, URZ, TBI, PMOR, VAH, HNR, RPZ, RKT, H11N, H11N1, H11N2, STKA, STKA, WRA, ASAR, ANSA, MJAR.

DC 20 20:15:19.8±0.8, 11°87'N, 86°98'W, h0km, mb4.1/10, Mb1 4.3/12, mb1mx4.0/45, mbtmp4.1/12, ML3.7/2, MS3.7/9, Ms1 3.7/9, ms1mx3.4/37, Error ellipse: s-maj=35.3km s-min=15.3km az=50.0

ISCJB 20 20:15:23.6±0.7, 11°54'N, 0°05'87.36W±0.05, h33km, 6km, mb4.3/19, MS3.7/9, Error ellipse: s-maj=11.7km s-min=3.9km az=44.7

CASC 20 20:15:25.1±1.1, 11°57'N, 87°39'W, h62km, 59km, MD4.4, ML3.2, mb4.5(NEIC)

NEIC 20 20:15:25.4±1.1, 11°57'N, 87°14'W, h44km, 10km, mb4.5/10, Error ellipse: s-maj=15.5km s-min=7.8km az=223.0

ISC 20 20:15:24.0±0.5, 11°59'N, 0°06'87.33W±0.06, h39km, 3km, n59, c19/16, mb4.4/19, MS3.5/9, 3C-1D, Near coast of Nicaragua

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like COPN, COPN.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CRUN, CNGN, MOMM, XAVN, CRIN, MGAN, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC, ISJCJB, NEIC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PKIN, DMN, GUN, KKN, LEM, KOLN, LSA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC, ISJCJB, NEIC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ABRA, ABRA, APYP, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CSEM, ATH, ISJCJB, etc.

20d 22h

Table with columns: IGT, DSL, DSL, KNT, KNT, KNT, AGG, AGG. Includes station names like Igoumenitsa, Palaion Diasel, etc.

JMA 20 21:08:29.3x0.3,38.11Nx143.22E,h19km,M3.5,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ouri, Ofunato, Ichinoseki, etc.

IDC 20 21:33:37.7x0.9,23.80Sx175.46W,h0km,mb4.2/11,mb1.3/11,mb1.0x4.7/3,mbtmp4.2/11,MS3.5/4,MS1.3/5.4,ms1mx3.1/32,Error ellipse: s-maj=36.6km s-min=22.4km az=158.0

ISCJB 20 21:33:40.3x0.6,23.5S;0.1x175.1W;0.1,h30km,mb4.4/20,MS3.5/4,Error ellipse: s-maj=16.9km s-min=12.7km az=43.9

NEIC 20 21:33:42.5x0.6,23.54Sx175.09W,h35km,mb4.5/9,Error ellipse: s-maj=21.1km s-min=14.0km az=151.0

ISC 20 21:33:42.0x0.5,23.5S;0.1x175.08W;0.09,h30km,n44,r186/40,mb4.4/20,MS3.5/4,1D,Tonga Islands region

Main table for the 20d 22h section, listing various seismic stations and their data points.

HLW 20 21:38:43.2x3.73,76N;35.70E,h31km,21km,MD3.6,MI3.2

ISCJB 20 21:38:48.9x0.3,33.15N;0.1x35.37E;0.02,h11km,2km,Error ellipse: s-maj=3.3km s-min=2.2km az=12.2

NSCC 20 21:38:49.7x8.2,33.05N;35.51E,h0km,43km,ML3.2

CSEM 20 21:38:49.3x0.1,33.15N;35.42E,h5km,ML3.8,Error ellipse: s-maj=2.5km s-min=1.6km az=109.0

GII 20 21:38:49.1x0.7,33.09N;35.46E,h3km,1km,MD3.5/8

GRAL 20 21:38:50.0x0.3,33.13N;35.44E,h1km,2km,MD3.8

DDA 20 21:39:02.9,34.03N;34.99E,h20km,MD3.6

ISC 20 21:39:49.3x0.9,33.13N;0.02x35.42E;0.02,h11km,6km,n116,r107/162,Jordan-Syria region

Table for the 20d 22h section, listing stations like Kefar Szold, Hanita, Naqura, etc.

2011 JAN

Main table for the 2011 JAN section, listing various seismic stations and their data points.

1036

Table for the 1036 section, listing stations like Konya-Eregli, Kottamia, Dhabab, etc.

CSEM 20 21:45:24.0x0.4,33.11N;35.46E,h12km,ML2.7,Error ellipse: s-maj=9.4km s-min=6.4km az=65.0

GRAL 20 21:45:24.7x0.4,33.09N;35.42E,h21km,4km,MD2.7

NSCC 20 21:45:26.9x1.2,33.03N;35.60E,h34km,gkm,ML1.4

ISC 20 21:45:23.5x1.1,33.07N;0.04x35.39E;0.06,h28km,12km,n18,r076/30,Jordan-Syria region

Table for the 1036 section, listing stations like Naqura, Talchebab, etc.

IDC 20 21:54:22.0x1.1,0.833S;127.20E,h157km,91km,mb3.7/1,mb1.3/9,mb1mx3.2/23,mbtmp4.3/3,Error ellipse: s-maj=150.8km s-min=72.6km az=70.0,Timor region

Table for the 1036 section, listing stations like Warramunga Arr, etc.

NSCC 20 22:03:19.7,39.42N;72.03E,h10km

KRNET 20 22:03:23.6x0.1,39.06N;72.03E,mb2.9

NNC 20 22:03:25.3x1.4,39.18N;72.09E,h0km,4km,mb3.3,mpv2.9,Error ellipse: s-maj=10.1km s-min=8.1km az=11.0

ISC 20 22:03:22.5x1.1,39.0N;0.2x72.04E;0.05,h10km,n14,r131/28,14C-8D,Kyrgyzstan

Table for the 1036 section, listing stations like Batken, Arkit, Aral, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like I28A Midland, A33A Warrad, J28A Allard Ranch, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like AMTX Amarillo, T32A Huddler Ranch, Q34A Chapman, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like KURK Kurchatov, KURK Kurchatov, K40A Lebanon, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, NRIK Noril'sk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BCPH Baguio City Da, BALP Baler, PCPH Palayan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONMI Songoing Array, SONMI Songoing Array, SONMI Songoing Array, etc.

IDC 21 00:36:09.3±1.7, 7.40S, 121.04E, h0km, mb3.1/2, mb1 3.6/5, mb1mx3.4/43, mbtmp3.4/5, ML3.2/3, Error ellipse: s-maj=169.3km s-min=19.6km az=58.0

Ms1 3.5/5, ms1mx3.1/32, Error ellipse: s-maj=19.0km s-min=12.6km az=74.0

comp=Z,5.3nm,0.7s 33.65 342 P P 01 02 02.9 +0.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EDFI Ende, Flores, W401 Waingapu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SBUM Sibutu, GYA Guiyang, GYA Guiyang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, MK01 Makanchi Array, MK01 Makanchi Array, etc.

ISCJJB 21 00:37:21.7±1.5, 38.98N, 0°08'42.27E, h5km, 8km, Error ellipse: s-maj=13.7km s-min=6.0km az=158.5

comp=Z,20nm,0.9s pmax pmax

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EKAR Karacaban, VRTB Varto-Mus, AGRB Hanur-Agry, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GYA Guiyang, GYA Guiyang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, etc.

MEX 21 00:41:14.8±0.5, 16.65N, 99.67W, h31km, 7km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like XAN Xi'an, XAN Xi'an, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TCM2 Tokmak 2, TCM2 Tokmak 2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAIG El Cayaco, MEIG Mezcala, MEIG Mezcala, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like XAN Xi'an, XAN Xi'an, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

IDC 21 00:47:23.7±2.7, 9.40S, 113.61E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.4/35, mbtmp3.4/4, Error ellipse: s-maj=130.8km s-min=22.8km az=50.0

comp=Z,15nm,0.7s 01 00 08.3 -1.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, AAK Ala-Archa, etc.

ISCJJB 21 00:47:27.7±0.8, 9.58S, 0°08'11.36E, h26km, mb3.4/4, Error ellipse: s-maj=11.2km s-min=5.4km az=15.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CD2 Chengdu, CD2 Chengdu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBL Kabul, KBL Kabul, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAGI Jajag, BANYU Banyuwangi, BANYU Banyuwangi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IPM Ipo, BJT Baijiatuu, BJT Baijiatuu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURK Kurchatov, KURK Kurchatov, etc.

ISCJJB 21 00:55:20.1±0.8, 16.45N, 0°03'12.23E, h9km, 5km, mb4.4/64, MS3.5/7, Error ellipse: s-maj=5.2km s-min=4.9km az=29.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GYA Guiyang, GYA Guiyang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARU Arti, ARU Arti, etc.

BUI 21 00:55:21.0, 16°21'N, 121°27'E, h21km, mb4.4/43, mb4.7/31, Ms4.3/19, Ms7.4/0/17

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSA Lhasa, LSA Lhasa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARU Arti, ARU Arti, etc.

MAN 21 00:55:22.16, 42N, 121°10'E, h8km, mb5.1, ML4.1, MS4.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSA Lhasa, LSA Lhasa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARU Arti, ARU Arti, etc.

MOS 21 00:55:23.7±0.9, 16.46N, 121.25E, h37km, mb4.7/27, Error ellipse: s-maj=14.2km s-min=6.1km az=123.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSA Lhasa, LSA Lhasa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARU Arti, ARU Arti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VRH Novokhoporsky, VORD Divnogire, VSR Storozevoye, etc.

Table with columns: JAK Akkeshi, JNBK Urakawa-nobuka, NEM2 Nemuro 2, etc. Includes station codes and coordinates.

DDA 21 01:33:23.9, 367.37N, 37.04E, h7km, Md2.7
ISC 21 01:33:23.3, 1.7, 36.34N, 0.06:37.05E, 0.05, h1km, 19km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUZU Kuzuini, TAHT Tahtakopru-Hat, etc.

RSNC 21 01:48:03.1, 0.9, 6.79N, 73.10W, h147km, 6km, ML2.3
FNUV 21 01:48:04.3, 6.91N, 72.98W, h164km, MW2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BARC Barichara, RUSC La Rusia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RUSC La Rusia, GRMC Gramolite, San, etc.

Table with columns: SNAA Snaae, TXAR Lajitas Array, LIC Lamto, etc. Includes station codes and coordinates.

CSEM 21 02:09:41.6, 0.8, 51.37N, 16.17E, h2km, MD2.4/5, Error ellipse: s-maj=1.5km, s-min=6.6km, az=12.0

PRU 21 02:09:41.2, 51.42N, 16.13E, h0km, Poland

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, etc.

MEX 21 02:09:53.5, 0.5, 15.61N, 92.81W, h107km, 8km, MD3.6

Mexico-Guatemala border region
Code Station Name Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

CSEM 21 02:10:26.7, 0.1, 45.53N, 14.82E, h17km, 1km, ML2.8/17, Error ellipse: s-maj=2.4km, s-min=1.9km, az=27.0

LJU 21 02:10:26.4, 45.54N, 14.82E, h20km, ML2.0
ISCJB 21 02:10:27.5, 0.4, 45.53N, 0.02:14.82E, 0.03, h17km, 5km, Error ellipse: s-maj=4.1km, s-min=3.1km, az=42.3

VIE 21 02:10:27.8, 0.3, 45.61N, 14.82E, h12km, 1km, mb1.8/1, m2, 1/4, Error ellipse: s-maj=2.5km, s-min=1.1km, az=163.0

ISC 21 02:10:27.1, 0.1, 45.52N, 0.02:14.82E, 0.02, h19km, 2km, n53, 0:42/92, 10C-4D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GBRB Gornja Briga, VISS Visnje, etc.

KNDS Knezji Dol, CEY Cerknica, etc. Includes station codes and coordinates.

GBAS Gorenja Brezova, CRES Cresnjevo, etc. Includes station codes and coordinates.

PKDS Podkum, etc. Includes station codes and coordinates.

LJU Ljubljana, etc. Includes station codes and coordinates.

SKDS Skadanscina, etc. Includes station codes and coordinates.

VNDS Vrh nad Dolci, etc. Includes station codes and coordinates.

JAVS Javornik, etc. Includes station codes and coordinates.

GCIS Gornji Cirnik, etc. Includes station codes and coordinates.

ISCJB 21 00:58:43.7, 0.5, 39.98N, 0.03:41.80E, 0.05, h5km, 7km, Error ellipse: s-maj=7.6km, s-min=4.7km, az=32.8

CSEM 21 00:58:43.4, 0.2, 39.99N, 41.80E, h2km, MD2.6, Error ellipse: s-maj=5.0km, s-min=1.1km, az=78.0

DDA 21 00:58:43.2, 39.98N, 41.82E, h10km, Md2.6

ISK 21 00:58:47.8, 39.83N, 41.49E, h14km, MD2.4

ISC 21 00:58:43.2, 0.9, 40.00N, 0.02:41.84E, 0.03, h10km, 6km, n17, 0:56/29, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HOMI Horasan, ERZM Erzurum, etc.

ISCJB 21 01:10:06.3, 0.5, 45.09N, 0.07:14.27E, 0.1, h28km, 5km, mb3.0/5, Error ellipse: s-maj=13.1km, s-min=10.2km, az=43.9

JMA 21 01:10:06.4, 0.5, 45.15N, 14.27E, h281km, 4km, Md2.9

IDC 21 01:10:07.5, 0.6, 45.10N, 14.27E, h276km, 6km, mb2.9/5, mb1.3/2.8, mb1mx2.9/30, mbtmp3.6/8, Error ellipse: s-maj=21.9km, s-min=15.7km, az=123.0

ISC 21 01:10:07.2, 0.8, 45.05N, 0.08:14.26E, 0.08, h277km, 7km, n23, 0:52/31, mb3.0/5, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JW2K Keihoku, ASAJ Asahikawa, etc.

ISCJB 21 01:59:59.7, 0.7, 37.67S, 0.05:73.7W, 0.1, h33km, mb4.4/14, MS3.6/2, Error ellipse: s-maj=12.8km, s-min=7.2km, az=16.4

NEIC 21 01:59:59.0, 37.39S, 74.02W, h45km, mb4.1/4, After GUC, NEIC Felt [I] at Arauco; [IV] at Curanilahue, Lebu and Los Alamios; [III] at Concepcion, Coronel, Nacimiento and Penco; [II] at La Laja, Los Angeles, Mulchen, San Rosendo, Santa Barbara and Tirua.

GUC 21 01:59:59.4, 0.6, 37.39S, 74.02W, h45km, 4km, ML4.0

IDC 21 02:00:00.5, 0.6, 37.67S, 73.46W, h20km, 39km, mb4.0/9, mb1.4/1/2, mb1mx4.0/23, mbtmp4.1/12, ML4.3, MS3.7/3, Ms1.3/7.3, ms1mx3.3/19, Error ellipse: s-maj=33.1km, s-min=19.1km, az=71.0

ISC 21 02:00:01.9, 0.7, 37.57S, 0.06:73.7W, 0.1, h35km, n31, 0:12/31, mb4.2/14, 1C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CCSP San Pedro de C, COCH Cobquecura, etc.

PLCA Paso Flores, etc. Includes station codes and coordinates.

LCO Las Campanas, etc. Includes station codes and coordinates.

TRQA Torqu coast, etc. Includes station codes and coordinates.

LVC Limon Verde, etc. Includes station codes and coordinates.

CPUP Villa Florida, etc. Includes station codes and coordinates.

LPZA La Paz, etc. Includes station codes and coordinates.

MEX 21 02:09:53.5, 0.5, 15.61N, 92.81W, h107km, 8km, MD3.6

Mexico-Guatemala border region
Code Station Name Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC

CSEM 21 02:10:26.7, 0.1, 45.53N, 14.82E, h17km, 1km, ML2.8/17, Error ellipse: s-maj=2.4km, s-min=1.9km, az=27.0

LJU 21 02:10:26.4, 45.54N, 14.82E, h20km, ML2.0
ISCJB 21 02:10:27.5, 0.4, 45.53N, 0.02:14.82E, 0.03, h17km, 5km, Error ellipse: s-maj=4.1km, s-min=3.1km, az=42.3

VIE 21 02:10:27.8, 0.3, 45.61N, 14.82E, h12km, 1km, mb1.8/1, m2, 1/4, Error ellipse: s-maj=2.5km, s-min=1.1km, az=163.0

ISC 21 02:10:27.1, 0.1, 45.52N, 0.02:14.82E, 0.02, h19km, 2km, n53, 0:42/92, 10C-4D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GBRB Gornja Briga, VISS Visnje, etc.

KNDS Knezji Dol, CEY Cerknica, etc. Includes station codes and coordinates.

GBAS Gorenja Brezova, CRES Cresnjevo, etc. Includes station codes and coordinates.

PKDS Podkum, etc. Includes station codes and coordinates.

LJU Ljubljana, etc. Includes station codes and coordinates.

SKDS Skadanscina, etc. Includes station codes and coordinates.

VNDS Vrh nad Dolci, etc. Includes station codes and coordinates.

JAVS Javornik, etc. Includes station codes and coordinates.

GCIS Gornji Cirnik, etc. Includes station codes and coordinates.

21d 3h

BLO	Bloomington	29.81 322	eP	P	03 43 08.9 +1.3
BLO	comp=Z,29nm,0.6s			pmax	
BLO	Bloomington	29.81 322	eP	P	03 43 08.9 +1.3
BLO	comp=Z,29nm,0.6s				
PARMO	Parma	30.38 315	eP	P	03 43 14.1 +1.5
AAM	Ann Arbor	30.45 329	eP	P	03 44 24.5 +1.5
AAM	comp=Z,47nm,0.4s			pmax	
AAM	Ann Arbor	30.45 329	eP	P	03 43 14.7 +1.5
AAM	comp=Z,47nm,0.4s				
OLIL	Olney	30.49 320	eP		03 44 24.4
OLIL	comp=Z,70nm,0.4s				03 43 14.6 +1.0
SADO	Sadowa	30.50 337	eP	P	03 43 14.2 +0.6
SIUC	Southern Illin	30.61 317	eP	P	03 43 15.5 +1.0
SIUC	comp=Z,20nm,0.6s				
LMQ	La Malbaie	30.75 351	eP	P	03 43 17.3 +1.6
LMQ	comp=Z,28nm,0.6s				
540A	Vidor	30.88 300	P	P	03 43 18.0 +1.0
540A	baz=106				
PBMO	Poplar Bluff	30.91 314	eP	P	03 43 17.1 -0.1
PBMO	comp=Z,24nm,1.1s				
SFIN	Lafayette	30.93 323	P	P	03 43 18.3 +0.9
SFIN	baz=131,SNR=5.8				
SFIN	Lafayette	30.93 323	eP	P	03 43 18.6 +1.2
SFIN	comp=Z,31nm,0.6s				
440A	Kirbyville	31.03 301	P	P	03 43 18.9 +0.5
440A	baz=109				
330A	Bronson	31.19 303	P	P	03 43 20.3 +0.5
330A	baz=110				
349A	Huntington	31.70 302	P	P	03 43 24.3 0.0
349A	baz=109				
439A	Center Grove,	31.70 301	P	P	03 43 24.9 +0.6
439A	baz=108				
SLM	Saint Louis	31.79 317	ePP	PP	03 44 35.6 -4.4
239A	Gary	31.86 303	P	P	03 43 25.2 -0.4
738A	Farr-Stevens R	31.91 297	P	P	03 43 26.1 0.0
738A	baz=104				
139A	Bunkhouse Ranc	32.03 305	P	P	03 43 27.4 +0.3
139A	baz=111,SNR=5.7				
NNA	Nana	32.07 206	eP	P	03 43 27.7 +0.1
NNA	comp=Z,8.0nm,0.5s			pmax	
NNA	Nana	32.07 206	eP	P	03 43 27.6 +0.1
NNA	comp=Z,8.2nm,0.5s				
Z39A	Irene McRaven,	32.07 306	P	P	03 43 27.4 0.0
Z39A	baz=112				
MIAR	Mount Ida	32.12 308	eP	P	03 43 28.4 +0.5
MIAR	comp=Z,51nm,1.8s			pmax	
MIAR	Mount Ida	32.12 308	P	P	03 43 28.3 +0.4
MIAR	baz=115				
MIAR	Mount Ida	32.12 308	eP	P	03 43 28.4 +0.5
MIAR	comp=Z,50nm,1.8s				
538A	Harpers Horsep	32.13 300	P	P	03 43 27.8 -0.2
538A	baz=106				
Y39A	Lockesburg	32.27 307	P	P	03 43 29.6 +0.5
Y39A	baz=113,SNR=8.7				
438A	Sam Houston St	32.27 301	P	P	03 43 29.4 +0.2
438A	baz=107				
338A	Crockett	32.32 302	P	P	03 43 30.0 +0.4
338A	baz=108,SNR=6.3				
HDIL	Hopedale	32.34 321	eP	P	03 43 30.2 +0.6
HDIL	comp=Z,45nm,0.6s				
HKT	Hockley	32.34 299	eP	P	03 43 30.7 +0.9
HKT	comp=Z,84nm,1.8s			pmax	
HKT	Hockley	32.34 299	eP	P	03 43 30.7 +0.9
HKT	comp=Z,84nm,1.8s				
238A	Jacksonville	32.37 303	P	P	03 43 30.7 +0.6
238A	baz=110,SNR=6.5				
T40A	Mansfield	32.54 313	P	P	03 43 32.1 +0.6
T40A	baz=120,SNR=15				
138A	Matatall Enter	32.57 304	P	P	03 43 32.6 +0.8
138A	baz=111,SNR=10				
637A	Eagle Lake	32.63 298	P	P	03 43 33.1 +0.7
637A	baz=104,SNR=5.8				
Z38A	Mt. Pleasant	32.70 305	P	P	03 43 33.6 +0.7
Z38A	baz=110,SNR=5.3				
S40A	Lebanon	32.75 314	P	P	03 43 33.5 +0.1
S40A	baz=120				
Y38A	Idabel	32.75 306	P	P	03 43 33.7 +0.3
Y38A	baz=113,SNR=8.4				
337A	Centerville	32.77 301	P	P	03 43 33.8 +0.1
337A	baz=108				
537A	Green Hill Far	32.78 299	P	P	03 43 34.1 +0.4
537A	baz=106				
GLMI	Graying	32.82 331	eP	P	03 43 35.2 +1.3
GLMI	comp=Z,158nm,0.5s				
VLD0	Val d'Or	32.89 342	eP	P	03 43 36.0 +1.7
VLD0	comp=Z,18nm,0.5s				
237A	Washetta, Mont	32.92 303	P	P	03 43 34.5 -0.4
237A	baz=109				
R40A	Madness Statio	32.94 315	P	P	03 43 35.1 +0.1
R40A	baz=122				
W38A	Poteau	33.04 309	P	P	03 43 36.7 +0.8
W38A	baz=114,SNR=12				
137A	Heron Place, G	33.08 304	P	P	03 43 36.3 +0.1
137A	baz=110,SNR=5.4				
T39A	Clever	33.08 312	P	P	03 43 36.5 +0.3
T39A	baz=118,SNR=14				
X38A	Whitesboro	33.11 308	P	P	03 43 37.2 +0.7
X38A	baz=114,SNR=9.6				
736A	Circle Diamond	33.14 297	P	P	03 43 37.4 +0.5
736A	baz=103,SNR=6.2				
Z37A	Pogue Cattle C	33.18 305	P	P	03 43 37.0 -0.1
Z37A	baz=111				
Q40A	Laux Farm, Aux	33.18 317	P	P	03 43 36.9 -0.2
Q40A	baz=123,SNR=8.2				
636A	Smothers Creek	33.26 298	P	P	03 43 38.1 +0.3
636A	baz=107,SNR=6.8				
V38A	Canehill	33.29 310	P	P	03 43 38.4 +0.3
V38A	baz=116,SNR=19				
S39A	Bolivar	33.36 314	P	P	03 43 38.9 +0.2
S39A	baz=120				
536A	Bastrop	33.41 299	P	P	03 43 39.3 +0.2
536A	baz=105,SNR=8.4				
Y37A	Hugo	33.45 306	P	P	03 43 40.0 +0.5
Y37A	baz=112,SNR=18				
P40A	Paris	33.46 317	P	P	03 43 39.6 +0.1
P40A	baz=123				
R39A	Chumby, Stover	33.47 315	P	P	03 43 39.6 0.0
R39A	baz=121,SNR=17				
X37A	Clayton	33.49 307	P	P	03 43 40.2 +0.3
X37A	baz=113,SNR=12				
236A	Katherine and	33.51 302	P	P	03 43 40.3 +0.3
236A	baz=108,SNR=5.7				
U38A	Gravette	33.53 311	P	P	03 43 40.0 -0.1
U38A	baz=115,SNR=14				
035Z	Hargill	33.55 292	P	P	03 43 40.1 -0.3
035Z	baz=99				
336A	Riesel	33.58 301	P	P	03 43 40.5 -0.1
336A	baz=107				
035A	Encino	33.65 293	P	P	03 43 41.0 -0.3
035A	baz=99				
136A	Ennis	33.65 303	P	P	03 43 41.8 +0.5
136A	baz=109,SNR=11				
835A	Beeville	33.66 295	P	P	03 43 40.9 -0.4
835A	baz=102				
Q40A	La Belle	33.67 318	P	P	03 43 41.4 +0.1
Q40A	baz=124				
LPAZ	La Paz	33.72 189	P	P	03 43 40.3 -2.3
LPAZ	comp=Z,4.6nm,0.8s,baz=32,slow=2.7,SNR=6.7				
LPAZ	La Paz	33.72 189	eP	P	03 43 40.9 -1.7
LPAZ	comp=Z,25nm,1.6s			pmax	
LPAZ	La Paz	33.72 189	eP	P	03 43 40.9 -1.7
LPAZ	comp=Z,25nm,1.6s				
TLIG	Tiapa	33.73 276	eP	P	03 43 44.5 +2.3
TLIG	comp=Z,26nm,1.4s				
S38A	Stockton	33.74 313	P	P	03 43 41.7 -0.2
S38A	baz=119				
735A	Kenedy	33.76 296	P	P	03 43 42.0 -0.2
735A	baz=102,SNR=5.2				
Q39A	Willow Grove F	33.81 316	P	P	03 43 42.4 0.0
Q39A	baz=122				
535A	Dale	33.82 298	P	P	03 43 42.2 -0.5
535A	baz=104				
Z36A	Blue Ridge	33.84 304	P	P	03 43 42.4 -0.0
Z36A	baz=110,SNR=5.6				
V37A	Hulbert	33.84 309	P	P	03 43 42.9 +0.1
V37A	baz=115,SNR=24				
635A	Leesville	33.84 297	P	P	03 43 42.3 -0.6
635A	baz=103				

2011 JAN

P39A	Salisbury	33.89 317	P	P	03 43 43.4 +0.2
P39A	baz=122				
Y36A	Durant	33.94 306	P	P	03 43 43.7 0.0
Y36A	baz=111				
R38A	Fenwick Farm,	34.00 314	P	P	03 43 44.2 0.0
R38A	comp=Z,41nm,0.6s				
435B	Jarrell	34.02 300	P	P	03 43 44.1 -0.3
435B	baz=105				
335A	Moody	34.03 301	P	P	03 43 44.8 +0.3
335A	baz=109,SNR=31				
U37A	Salina	34.04 310	P	P	03 43 44.5 0.0
U37A	baz=116,SNR=9.2				
934A	Benavides	34.13 294	P	P	03 43 45.4 0.0
934A	baz=109				
O39A	Kirkville	34.17 318	P	P	03 43 45.6 0.0
O39A	baz=124				
034A	Hebbronville	34.19 293	P	P	03 43 45.6 -0.3
034A	baz=99				
Q38A	Cooks Store, C	34.19 315	P	P	03 43 46.0 +0.2
Q38A	baz=121,SNR=18				
T37A	Cheneville 18	34.22 312	P	P	03 43 46.1 +0.1
T37A	baz=117,SNR=36				
X36A	Centronoma	34.23 307	P	P	03 43 46.4 +0.2
X36A	baz=112,SNR=18				
834A	Tilden	34.25 295	P	P	03 43 46.5 +0.1
834A	baz=101,SNR=10				
WHTX	Lake Whitney,	34.25 302	P	P	03 43 46.9 +0.5
WHTX	baz=100				
WHTX	Lake Whitney,	34.25 302	eP	P	03 43 46.6 +0.1
WHTX	comp=Z,58nm,0.4s				
634A	China Grove, S	34.33 297	P	P	03 43 46.8 -0.3
634A	baz=109				
TUL1	Leonard	34.33 309	P	P	03 43 47.4 +0.3
TUL1	baz=114,SNR=20				
TUL1	Leonard	34.33 309	eP	P	03 43 47.5 +0.3
TUL1	comp=Z,341nm,1.9s				
W36A	Wetumkum	34.35 308	P	P	03 43 47.2 0.0
W36A	baz=113,SNR=7.9				
JFWS	Jewell Farm	34.37 324	eP	P	03 43 47.9 +0.6

SCHQ	comp=Z,24nm,0.5s,baz=180,slow=6.9,SNR=76	PcP	PcP	03 46 28.8 +0.1	K31A	O'Neill	baz=119,SNR=17	39.39 317	P	P	03 44 30.4 +0.6	F28A	McLaughlin	baz=120	42.26 321	P	P	03 44 53.3 +0.1
SCHO	comp=Z,2.3nm,0.5s,baz=216,slow=2.5,SNR=3.7	eP	P	03 44 15.6 +1.2	C35A	Jirik Farms, M	baz=130	39.45 327	P	P	03 44 30.3 +0.1	SDCO	Great Sand Dun	baz=107,SNR=36	42.27 307	P	P	03 44 53.8 +0.1
SCHO	comp=Z,39nm,0.6s	eP	P	03 44 15.6 +0.1	N30A	Huebner Ranch,	baz=116	39.45 314	P	P	03 44 30.4 0.0	SDCO	Great Sand Dun	comp=Z,19nm,0.5s	42.27 307	eP	P	03 44 54.0 +0.3
Z30A	Sanderson Ranch	37.59 302	P	03 44 14.8 -0.1	S28A	Manter	baz=110,SNR=18	39.51 309	P	P	03 44 31.0 +0.1	ANMO	Albuquerque	baz=103	42.28 303	eP	P	03 44 54.0 +0.3
C39A	Grand Marais	37.61 330	P	03 44 15.6 +0.8	H32A	Carlson Farm,	baz=112,SNR=12	39.52 321	P	P	03 44 30.9 +0.1	ANMO	Albuquerque	comp=Z,39nm,1.7s	42.28 303	P	P	03 44 54.0 +0.3
Q32A	Meitler Ranch,	37.62 312	P	03 44 14.9 0.0	P29A	Atwood	baz=113,SNR=12	39.54 312	P	P	03 44 31.0 -0.1	ANMO	Albuquerque	baz=103	42.28 303	eP	P	03 44 54.0 +0.3
N33A	J Bar K, Exete	37.63 316	P	03 44 15.0 -0.1	F33A	5 Mile Ranch,	baz=115,SNR=8.6	39.59 323	P	P	03 44 31.3 0.0	ANMO	Albuquerque	comp=Z,17nm,1.0s	42.28 303	eP	P	03 44 54.0 +0.3
T31A	Randall Ranch,	37.68 309	P	03 44 16.0 +0.4	CLNB	Carlsbad	comp=Z,2.7nm,0.4s	39.59 300	eP	P	03 44 30.6 -1.1	LPM	Los Pinos Moun	baz=109,SNR=7.1	42.38 309	P	P	03 44 54.3 -0.3
I35A	Creekview Farm	37.69 321	P	03 44 16.0 +0.4	M30A	Dale-Ortello V	baz=117,SNR=16	39.62 315	P	P	03 44 31.2 -0.5	Q24A	Divide	comp=Z,87nm,2.3s	42.38 309	eP	P	03 44 55.0 +0.4
W30A	Crocket Farms	37.71 306	P	03 44 15.6 -0.2	O29A	AD Ranch, Culb	baz=114,SNR=9.6	39.66 313	P	P	03 44 31.8 -0.3	H27A	Hoves	baz=118,SNR=34	42.47 318	P	P	03 44 55.0 +0.1
R30A	Coker Ranch, T	37.72 304	P	03 44 15.7 -0.2	R28A	Tribune	baz=111,SNR=22	39.70 310	P	P	03 44 32.5 0.0	Y22D	IRIS PASSCAL I	baz=126	42.47 302	P	P	03 44 55.0 0.0
S31A	Mullinville	37.73 310	P	03 44 16.4 +0.5	J31A	Ceddes	baz=120,SNR=8.8	39.71 318	P	P	03 44 32.5 +0.1	A30A	Hoffart Farm,	baz=102	42.50 326	P	P	03 44 54.9 -0.1
K34A	Le Mars	37.73 319	P	03 44 16.3 +0.4	L30A	Spencer Herefo	baz=117,SNR=16	39.71 316	P	P	03 44 32.5 +0.1	J26A	Sides Ranch, S	baz=115,SNR=13	42.53 316	P	P	03 44 55.3 -0.2
G36A	St. Michael	37.79 324	P	03 44 16.6 +0.3	D34A	Park Rapids	baz=121	39.72 325	P	P	03 44 32.2 -0.2	E28A	Huff	baz=121	42.56 322	P	P	03 44 55.5 0.0
M33A	Taylor Creek F	37.87 317	P	03 44 16.9 -0.1	B35A	Bob, Littlef	baz=131	39.75 328	P	P	03 44 33.0 +0.4	MDND	Maddock	baz=123	42.60 324	P	P	03 44 55.9 +0.1
P32A	Hutting Farm,	37.91 313	P	03 44 17.5 0.0	E33A	Westby DABS, E	baz=115	39.81 324	P	P	03 44 32.6 -0.5	I26A	New Underwood	baz=116,SNR=12	42.70 317	P	P	03 44 57.0 +0.2
J34A	George	37.97 320	P	03 44 18.2 +0.3	N29A	Votaw Ranch, W	baz=115	39.83 314	P	P	03 44 33.5 0.0	LAZ	Ladron	comp=Z,9nm,0.6s	42.71 302	eP	P	03 44 57.6 +0.4
Q32A	Brockman Farm,	37.97 314	P	03 44 17.6 -0.3	C34A	RKJ Ranch, Bem	baz=129	39.91 326	P	P	03 44 33.9 0.0	G27A	Dupree	baz=118,SNR=46	42.72 319	P	P	03 44 57.5 +0.6
V30A	Spur Ranch, Mi	37.98 306	P	03 44 17.9 -0.2	I31A	Rowe, Wessing	baz=121	39.95 319	P	P	03 44 34.1 -0.2	B29A	Wagelman Farm,	baz=122	42.80 325	P	P	03 44 57.4 0.0
R31A	Burdett	38.02 311	P	03 44 18.5 +0.1	G32A	Webster	baz=123	39.97 322	P	P	03 44 34.3 -0.2	D28A	Regan	baz=122	42.80 322	P	P	03 44 57.4 -0.1
F36A	Milaca	38.05 325	P	03 44 18.9 +0.4	K30A	Basford	baz=118,SNR=37	39.97 317	P	P	03 44 34.8 +0.2	121A	Cookes Peak, D	baz=100,SNR=20	42.89 299	P	P	03 44 59.2 +0.5
H35A	Sunnyside Ranc	38.09 323	P	03 44 18.6 -0.2	Q28A	Sharon Springs	baz=112,SNR=13	39.98 311	P	P	03 44 34.8 0.0	121A	Cookes Peak, D	comp=Z,46nm,1.2s	42.89 299	eP	P	03 44 59.3 +0.7
C38A	Sawbill Land.	38.10 329	P	03 44 18.9 +0.1	LVC	Limon Verde	comp=Z,2.0nm,0.4s,baz=24,slow=7.3,SNR=28	40.05 188	P	P	03 44 32.9 -2.7	H26A	Fairpoint	baz=117,SNR=11	42.90 318	P	P	03 44 58.8 0.0
G35A	Watkins	38.20 324	P	03 44 19.8 +0.1	F32A	Veblen	baz=124,SNR=6.7	40.09 323	P	P	03 44 35.1 -0.3	C28A	Hausauer Farms	baz=122,SNR=12	42.97 323	P	P	03 44 58.8 0.0
U30A	WK&E Inc. Balk	38.21 308	P	03 44 20.2 +0.2	D33A	AnnSam, Waubun	baz=113,SNR=10	40.12 312	P	P	03 44 35.4 -0.1	ISCO	Idaho Springs	comp=Z,9nm,0.6s	42.98 310	eP	P	03 45 00.1 +0.6
L33A	Hoskins	38.21 318	P	03 44 20.1 +0.2	P28A	Saint Francis	baz=113,SNR=10	40.12 312	P	P	03 44 35.4 -0.4	ISCO	Idaho Springs	baz=109,SNR=7.1	42.98 310	eP	P	03 44 59.2 -0.2
N32A	Stuken Farm,	38.21 315	P	03 44 20.0 0.0	M29A	Burnside Ranch	baz=116,SNR=7.9	40.14 315	P	P	03 44 35.7 -0.2	ISCO	Idaho Springs	comp=Z,3.4nm,0.6s	42.98 310	eP	P	03 45 00.1 +0.6
Q31A	Ellis	38.21 312	P	03 44 20.2 +0.2	H31A	Wolsey	baz=121,SNR=10	40.15 320	P	P	03 44 35.8 -0.1	A29A	Manning Farm	baz=125,SNR=13	42.99 325	P	P	03 44 58.8 -0.1
K33A	Hardington	38.26 318	P	03 44 20.7 +0.4	J30A	Dallas	baz=119,SNR=17	40.20 318	P	P	03 44 36.5 +0.1	E27A	Carson	baz=120,SNR=5.5	43.01 321	P	P	03 44 59.5 +0.3
D37A	Cotton	38.30 327	P	03 44 21.3 +0.7	L29A	Mazberg Ranch	baz=117,SNR=6.8	40.27 316	P	P	03 44 36.9 -0.1	F27A	Lenmon	baz=119,SNR=22	43.01 320	P	P	03 44 59.6 +0.4
E36A	McGregor	38.32 326	P	03 44 21.3 +0.5	B34A	Aery, Baudette	baz=130	40.30 328	P	P	03 44 37.4 +0.3	J25A	Sunshine Ranch	baz=114,SNR=6.3	43.05 316	P	P	03 44 59.8 +0.2
I34A	Hadley	38.32 321	P	03 44 21.0 +0.2	O28A	Krutsinger Ran	baz=115	40.35 312	P	P	03 44 37.6 -0.2	G26A	Maurine	baz=119,SNR=154	43.10 319	P	P	03 45 00.1 +0.1
EYMN	Ely	38.36 329	P	03 44 21.7 +0.6	HPIC	comp=Z,22nm,1.1s	40.37 321	40.37 321	P	P	03 44 37.9 +0.1	I25A	Rochford	baz=115,SNR=11	43.26 317	P	P	03 45 01.6 +0.1
EYMN	Ely	comp=Z,41nm,1.4s	eP	03 44 21.3 +0.2	G31A	Conde	baz=123	40.37 321	P	P	03 44 37.9 +0.1	S22A	4UR Ranch, Cre	baz=116,SNR=9	43.28 307	eP	P	03 45 01.9 +0.1
CBKS	Cedar Bluff	38.38 311	eP	03 44 21.5 +0.1	N28A	Pribbeno Ranch	baz=114,SNR=9.8	40.41 313	P	P	03 44 37.8 -0.4	S22A	4UR Ranch, Cre	comp=Z,14nm,1.2s	43.32 322	P	P	03 45 02.1 +0.3
CBKS	Cedar Bluff	38.38 311	P	03 44 21.4 +0.1	SUSD	Miller	baz=121,SNR=7.5	40.42 320	P	P	03 44 38.2 0.0	D27A	Center	baz=120,SNR=5.3	43.32 322	P	P	03 45 02.2 +0.5
CBKS	Cedar Bluff	38.38 311	eP	03 44 21.5 +0.1	C33A	Tran	baz=128,SNR=8.9	40.44 326	P	P	03 44 37.9 -0.4	B28A	Dugan Ranch, T	baz=123,SNR=12	43.35 324	P	P	03 45 02.3 +0.4
P31A	Stockton	38.41 313	P	03 44 21.9 +0.1	I30A	Oacoma	baz=120	40.45 319	P	P	03 44 38.4 0.0	PHWY	Pilot Hill	comp=Z,30nm,0.6s	43.38 312	eP	P	03 45 02.6 +0.1
BGNE	Belgrade	38.42 316	P	03 44 21.7 +0.1	E32A	Graven, Kindr	baz=125	40.47 324	P	P	03 44 38.8 +0.3	F26A	Loeppole	baz=118,SNR=12	43.40 320	P	P	03 45 02.7 +0.3
BGNE	Belgrade	comp=Z,69nm,0.5s	eP	03 44 21.9 +0.2	K29A	Lazy Trails An	baz=118,SNR=10	40.47 317	P	P	03 44 38.8 +0.1	H25A	Fruitdale	baz=116,SNR=14	43.43 318	P	P	03 45 03.0 +0.3
BGNE	Montezuma	38.46 309	P	03 46 31.8 +0.2	K30A	Key Shedlock'	comp=Z,39nm,0.6s	40.54 310	eP	P	03 44 39.7 +0.3	RSSD	Black Hills	comp=Z,117nm,2.3s	43.50 317	eP	P	03 45 04.0 +0.6
AMTX	Amarillo	38.48 305	P	03 44 22.1 -0.3	M28A	Bar X Bar Ranc	baz=115,SNR=7	40.58 314	P	P	03 44 39.8 +0.1	RSSD	Black Hills	baz=115	43.50 317	eP	P	03 45 03.7 +0.2
AMTX	Amarillo	38.48 305	eP	03 44 22.2 -0.1	B33A	Robert and Kas	baz=128	40.66 327	P	P	03 44 39.9 -0.1	RSSD	Black Hills	comp=Z,117nm,2.3s	43.50 317	eP	P	03 45 04.0 +0.6
C37A	Embarrass	38.56 328	P	03 44 23.1 +0.4	MNXX	Cornudas Mount	baz=101,SNR=59	40.74 299	P	P	03 44 41.1 +0.1	A28A	Rude Farm, Bot	baz=123	43.55 325	P	P	03 45 03.3 -0.2
R30A	Dighton	38.56 310	P	03 44 23.1 +0.2	MNXX	Cornudas Mount	comp=Z,32nm,0.5s	40.74 299	eP	P	03 44 41.0 +0.1	E26A	Carlson Angus	baz=119,SNR=11	43.57 321	P	P	03 45 04.0 +0.3
J33A	Davis	38.61 319	P	03 44 23.5 +0.3	MNXX	Hecla	baz=123	40.74 322	P	P	03 46 38.6 -0.6	G25A	Newell	baz=117,SNR=65	43.57 318	P	P	03 45 04.2 +0.5
L32A	Elgin	38.61 317	P	03 44 23.5 +0.3	F31A	Hecla	baz=123	40.74 322	P	P	03 44 40.5 -0.3	N23A	Red Feather La	baz=119,SNR=5	43.59 312	P	P	03 45 03.6 -0.6
ECSD	EROS Data Cent	38.61 320	P	03 44 23.5 +0.3	D32A	Dogwood Acres,	baz=126	40.78 324	P	P	03 44 40.8 +0.1	N23A	Red Feather La	comp=Z,9.1nm,0.6s	43.59 312	eP	P	03 45 05.4 +1.2
ECSD	EROS Data Cent	38.61 320	eP	03 44 23.4 +0.1	J29A	Okreek	baz=118,SNR=45	40.78 318	P	P	03 44 41.3 +0.2	C27A	Saylor Ranch,	baz=120,SNR=9.9	43.62 323	P	P	03 45 04.2 +0.2
ECSD	Spellman Lake,	38.62 322	P	03 46 32.1 -0.1	AGMN	Agassiz Nation	baz=128,SNR=5.5	40.82 327	P	P	03 44 41.2 -0.1	CPUP	Villa Florida	comp=Z,2.4nm,0.4s,baz=350,slow=6.2,SNR=18	43.73 172	P	P	03 45 02.4 -2.7
H34A	Spellman Lake,	38.62 322	P	03 50 04.1 -3.1	AGMN	Agassiz Nation	comp=Z,65nm,0.5s	40.82 327	eP	P	03 44 41.0 -0.3	CPUP	Villa Florida	comp=Z,2.4nm,0.4s,baz=350,slow=6.2,SNR=18	43.73 172	eP	P	03 45 03.0 -2.0
F35A	Swanville	38.63 324	P	03 44 23.2 -0.1	C32A	Crookston	baz=127	40.88 326	P	P	03 44 41.6 -0.3	CPUP	Villa Florida	comp=Z,19nm,1.2s	43.79 309	eP	P	03 45 06.7 +0.6
O31A	Woolen Ranch,	38.65 314	P	03 44 23.3 -0.3	G30A	Faultkn	baz=121,SNR=6.2	40.89 321	P	P	03 44 42.0 0.0	D26A	Manning	baz=119	43.82 321	P	P	03 45 05.6 -0.1
U29A	Oasis Ranch, S	38.65 307	P	03 44 24.2 +0.5	E31A	Nome	baz=124,SNR=8.1	40.91 323	P	P</								

21d 3h

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like WUAZ, P18A, SRU, etc.

2011 JAN

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like GSC, 109C, MURC, etc.

1050

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like M02C, F04A, KMRM, etc.

21d 6h

Table with columns for station call letters, frequency, and signal strength. Includes stations like AAK, AKA, AKB, etc., with their respective details.

2011 JAN

Table with columns for station call letters, frequency, and signal strength. Includes stations like APA, URZ, URW, etc., with their respective details.

1056

Table with columns for station call letters, frequency, and signal strength. Includes stations like ASUD, WALA, VORD, etc., with their respective details.

FFC	Flin Flon	81.01	32	P	P	06 44 38.3 +0.6
FFC	Flin Flon	81.01	32	eP	P	06 44 37.4 -0.3
MLMT	Earthquake Lak	81.09	44	eP	P	06 44 39.5 +0.9
QPMSC	Manual Prospec	81.17	54	P	P	06 44 39.1 -0.1
LRMC	Laurel Mtn Rad	81.30	55	P	P	06 44 39.3 -0.5
EDW2	Edward Lake Fo	81.35	55	P	P	06 44 39.5 -0.4
DECC	Green Verdugo	81.38	56	P	P	06 44 39.7 -0.4
FURC	Furnace Creek	81.44	53	P	P	06 44 40.2 0.0
YMR	Madison River	81.46	44	eP	P	06 44 41.8 +1.2
R11A	Troy Canyon, C	81.47	51	P	P	06 44 40.4 -0.3
R11A	Troy Canyon, C	81.47	51	eP	P	06 44 40.2 -0.5
PASC	Pasadena Art C	81.53	56	eP	P	06 44 41.1 +0.3
MWC	Mount Wilson	81.60	56	eP	P	06 44 41.3 -0.1
MWC	Mount Wilson	81.60	56	eP	P	06 44 41.3 -0.1
MWC	Mount Wilson	81.60	56	eP	P	06 44 41.3 -0.1
YNR	Norris Junction	81.61	44	eP	P	06 44 43.1 +1.7
YFT	Old Faithful	81.65	44	eP	P	06 44 44.2 +2.7
ANN	Anapa	81.68	316	eS	S	06 44 39.5 -1.9
ANN	Anapa	81.68	316	eS	S	06 54 53.1 -0.9
ANN	Anapa	81.68	316	eS	S	06 54 53.1 -0.9
CISU	Catalina Islan	81.71	57	P	P	06 44 41.4 -0.4
HVU	Hansel Valley	81.73	47	eP	P	06 44 42.7 +0.8
HVU	Hansel Valley	81.73	47	eP	P	06 44 42.7 +0.8
H17A	Grant Village	81.84	44	eP	P	06 44 44.1 +1.5
H17A	Grant Village	81.84	44	eP	P	06 44 45.4 +2.8
LKWY	Lake	81.86	44	eP	P	06 44 45.6 +2.8
LKWY	Lake	81.86	44	eP	P	06 44 45.6 +2.8
BFSC	Mount Baldy Ra	81.88	56	P	P	06 44 42.4 -0.5
FLWY	Flagg Ranch	81.92	44	eP	P	06 44 44.6 +1.6
FCC	Fort Churchill	81.97	26	eP	P	06 44 41.4 -1.2
FCC	Fort Churchill	81.97	26	eP	P	06 44 41.4 -1.2
FCC	Fort Churchill	81.97	26	eP	P	06 44 41.4 -1.2
BGU	Big Grassy Moun	81.98	48	eP	P	06 44 43.6 +0.3
TBI	Tubual	81.99	121	eLR	LR	07 09 48.1
SCO	Scoresbysund	82.00	355	iP	P	06 44 44.4 +1.8
SCO	Scoresbysund	82.00	355	iP	P	06 44 44.4 +1.8
GSC	Goldstone, Bar	82.02	54	eP	P	06 44 43.4 -0.1
GSC	Goldstone, Bar	82.02	54	eP	P	06 44 43.3 -0.1
GSC	Goldstone, Bar	82.02	54	eP	P	06 44 43.4 -0.1
GSC	Goldstone, Bar	82.02	54	eP	P	06 44 43.3 -0.1
MOOW	Moose Ponds	82.06	45	eP	P	06 44 44.9 +1.2
SHOC	Shoshone, Teco	82.12	54	P	P	06 44 43.7 -0.2
REDW	Red Top Meadow	82.19	45	eP	P	06 44 45.4 +1.0
SNOW	Snow King Moun	82.20	45	eP	P	06 44 45.5 +0.9
LOHW	Long Hollow	82.22	45	eP	P	06 44 45.7 +1.1
RLMT	Red Lodge	82.27	43	eP	P	06 44 45.2 +0.3
RLMT	Red Lodge	82.27	43	eP	P	06 44 45.1 +0.3
AHID	Auburn Hatcher	82.33	46	eP	P	06 44 45.9 +0.8
ABTO	Aybut	82.39	286	P	P	06 44 46.7 +1.0
DUG	Dugway, Tooele	82.48	49	eP	P	06 44 45.8 -0.1
DUG	Dugway, Tooele	82.48	49	eP	P	06 44 45.8 -0.1
DUG	Dugway, Tooele	82.48	49	eP	P	06 44 45.8 -0.1
MURC	Murrieta	82.52	56	P	P	06 44 45.6 -0.5
HEC	Hector, Ludlow	82.58	55	P	P	06 44 46.1 -0.3
TUQ	Turquoise Moun	82.59	54	P	P	06 44 45.9 -0.6
SHPR	Sheep Range	82.63	53	eP	P	06 44 47.1 +0.3
PFO	Pinyon Flats 0	83.06	56	eP	P	06 44 48.6 -0.4
PFO	Pinyon Flats 0	83.06	56	eP	P	06 44 48.9 -0.1
PFO	Pinyon Flats 0	83.06	56	eP	P	06 44 48.5 -0.5
PFO	Pinyon Flats 0	83.06	56	eP	P	06 44 48.6 -0.4
NLU	North Lily Mtn	83.09	49	eP	P	06 44 49.4 +0.2
GMRC	Granite Mounta	83.09	55	P	P	06 44 49.0 -0.2
AKASG	Malin Array Be	83.17	324	eP	P	06 44 48.3 -0.8
AKASG	Malin Array Be	83.17	324	eP	P	06 44 48.3 -0.8
AKASG	Malin Array Be	83.17	324	eP	P	06 44 48.3 -0.8
AKASG	Malin Array Be	83.17	324	eP	P	06 44 48.3 -0.8
AKKB	Malin Array Si	83.17	324	eP	P	06 44 48.5 -0.6
AKKB	Malin Array Si	83.17	324	eP	P	06 44 48.5 -0.6
KIEV	Kiev	83.18	324	eP	P	06 44 48.8 -0.3
KIEV	Kiev	83.18	324	eP	P	06 44 48.8 -0.3
KIEV	Kiev	83.18	324	eP	P	06 44 48.8 -0.3
BE11	Belle Mtn. Jos	83.21	55	P	P	06 44 49.5 -0.3
AKLC	Malin Array Si	83.21	324	eP	P	06 44 49.2 0.0
BW06	Boulder Array	83.30	45	P	P	06 44 50.1 -0.1
BW06	Boulder Array	83.30	45	P	P	06 44 50.0 -0.2
PDAR	Pinedale Array	83.31	45	eP	P	06 44 49.7 -0.6
PDAR	Pinedale Array	83.31	45	eP	P	06 44 49.7 -0.6
BAR	Barrett	83.33	57	eP	P	06 44 50.4 0.0
O16A	Springville	83.34	48	eP	P	06 44 55.7 +5.2
CCUT	Cedar City	83.39	51	eP	P	06 44 50.9 +0.1
DGMT	Dagmar	83.42	38	P	P	06 44 50.1 -0.4
DGMT	Dagmar	83.42	38	P	P	06 44 50.9 +0.4
MONP2	Monument Peak	83.42	56	P	P	06 44 50.5 -0.5
SIM	Simferopol	83.62	318	eS	S	06 44 52.9 +1.4
SIM	Simferopol	83.62	318	eS	S	06 44 52.9 -0.7
SIM	Simferopol	83.62	318	eS	S	06 44 52.9 -0.7
NC405	NORSAR Array S	83.68	339	eP	P	06 44 52.2 +0.7
MSU	Marysville	83.73	50	eP	P	06 44 53.1 +0.6
MSU	Marysville	83.73	50	eP	P	06 44 53.1 +0.6
A25A	Svangstu Ranch	83.75	37	P	P	06 44 52.5 +0.4

IRM	Iron Mountain	83.76	55	P	P	06 44 52.2 -0.3
IBP	Imperial Blvd	83.78	57	P	P	06 44 52.2 -0.5
BC3	Big Chuckawall	83.78	55	P	P	06 44 52.7 0.0
NC204	NORSAR Array S	83.86	339	eP	P	06 44 52.5 0.0
SWSC	Sam W. Stewart	83.86	56	P	P	06 44 52.5 -0.5
NB2	NORSAR Subarra	83.89	339	P	P	06 44 52.4 -0.3
NB2	NORSAR Subarra	83.89	339	P	P	06 44 52.4 -0.3
NOA	NORSAR Array B	83.89	339	P	P	06 44 52.1 -0.6
NB002	NORSAR Array S	84.00	339	eP	P	06 44 53.4 +0.2
B25A	Knox Farm, Ray	84.10	329	eP	P	06 44 53.7 -0.3
SUW	Suwalki	84.11	329	eP	P	06 44 53.7 -0.1
SUW	Suwalki	84.11	329	eP	P	06 44 53.7 -0.1
P17A	Butcher Ranch,	84.22	48	eP	P	06 44 55.7 +0.8
MALT	Malatya	84.30	310	↑P	P	06 44 57.3 +2.0
MALT	Malatya	84.30	310	↑P	P	06 44 57.3 +2.0
A26A	Wade Farm, Ken	84.37	37	P	P	06 44 55.2 0.0
C25A	Freed Ranch, W	84.37	39	P	P	06 44 55.4 +0.1
Y12C	Blythe	84.41	55	P	P	06 44 55.6 -0.1
PDMC1	Parker Dam, Lak	84.42	54	eP	P	06 44 55.8 0.0
P18A	Preston Nutter	84.47	48	eP	P	06 44 56.8 +0.5
GLA	Glamis	84.53	56	eP	P	06 44 57.0 +0.6
GLA	Glamis	84.53	56	eP	P	06 44 57.0 +0.6
GLA	Glamis	84.53	56	eP	P	06 44 57.0 +0.6
B26A	Jensen Ranch,	84.55	38	P	P	06 44 56.3 +0.1
SRU	San Rafael Swe	84.55	49	eP	P	06 44 56.9 +0.3
SRU	San Rafael Swe	84.55	49	eP	P	06 44 56.9 +0.3
D25A	Fairfield	84.65	39	P	P	06 44 57.0 +0.1
A27A	Ledoux Ranch,	84.74	37	P	P	06 44 57.3 +0.1
C26A	Wahner Farm, P	84.94	38	P	P	06 44 58.3 +0.1
E25A	Mill Ranch,	84.98	40	P	P	06 44 58.7 +0.3
D26A	Manning	85.22	39	P	P	06 44 59.8 +0.2
K22A	Casper	85.26	44	eP	P	06 44 59.6 -0.5
K22A	Casper	85.26	44	eP	P	06 44 59.6 -0.5
F25A	Bowman	85.27	40	P	P	06 45 00.1 +0.1
A28A	Rude Farm, Bot	85.29	36	P	P	06 44 59.9 -0.1
C27A	Saylor Ranch,	85.33	38	P	P	06 45 00.2 +0.1
SFJD	Kangerlussuaq	85.45	6	eP	P	06 45 00.7 +0.4
SFJD	Kangerlussuaq	85.45	6	eP	P	06 45 00.7 +0.4
SFJD	Kangerlussuaq	85.45	6	eP	P	06 45 00.7 +0.4
B28A	Dugan Ranch, T	85.51	37	P	P	06 45 01.0 0.0
O20A	White River C	85.52	47	P	P	06 45 00.9 -0.6
O20A	White River Ci	85.52	47	eP	P	06 45 01.4 -0.1
E26A	Canon Angus	85.52	39	P	P	06 45 01.2 0.0
D27A	Center	85.57	38	P	P	06 45 01.9 0.0
G25A	Nevel	85.71	41	P	P	06 45 01.8 -0.4
F26A	Lodgepole	85.77	40	P	P	06 45 02.7 +0.2
WUAZ	Wupatki	85.79	52	eP	P	06 45 02.9 0.0
WUAZ	Wupatki	85.79	52	eP	P	06 45 02.9 0.0
PV09	Paradox Valley	85.80	49	eP	P	06 45 03.5 +0.5
A29A	Manning Farm,	85.82	36	P	P	06 45 02.5 0.0
FRB	Frisher Bay	85.87	14	P	P	06 45 02.1 -0.4
PV10	Paradox Valley	85.92	49	eP	P	06 45 03.4 -0.2
H25A	Fruitdale	85.93	41	eP	P	06 45 03.5 +0.2
RSSD	Black Hills	85.96	42	eP	P	06 45 03.7 +0.1
RSSD	Black Hills	85.96	42	eP	P	06 45 03.4 -0.2
RSSD	Black Hills	85.96	42	eP	P	06 45 03.7 +0.1
B29A	Wagenman Farm,	86.04	36	P	P	06 45 03.8 +0.2
PV05	Paradox Valley	86.04	49	eP	P	06 45 04.5 +0.4
E27A	Carson	86.05	39	P	P	06 45 03.9 +0.1
F27A	Lenon	86.12	40	P	P	06 45 03.9 -0.2
G26A	Maurine	86.13	40	P	P	06 45 04.0 -0.3
RAYN	Ar Rayn	86.13	294	eP	P	06 45 05.0 +0.4
RAYN	Ar Rayn	86.13	294	eP	P	06 45 04.7 +0.1
I25A	Rochford	86.20	42	P	P	06 45 04.5 -0.2
A30A	Hoffart Farm,	86.30	36	P	P	06 45 04.9 0.0
PV01	Paradox Valley	86.36	49	eP	P	06 45 04.9 -0.9
H26A	Fairpoint	86.42	41	eP	P	06 45 05.6 0.0
E28A	Huff	86.45	38	P	P	06 45 05.5 -0.2
G27A	Dupree	86.46	40	P	P	06 45 05.7 -0.1
J25A	Sunshine Ranch	86.51	42	P	P	06 45 05.6 -0.6
214A	Organ Pipe Nat	86.55	56	eP	P	06 45 06.2 -0.3
214A	Organ Pipe Nat	86.55	56	eP	P	06 45 06.4 -0.1
B30A	Myrvik Farm, E	86.58	36	P	P	06 45 06.2 -0.2
N23A	Red Feather La	86.59	45	eP	P	06 45 06.8 -0.1
N23A	Red Feather La	86.59	45	eP	P	06 45 07.0 +0.2
PHWY	Pilot Hill	86.67	45	eP	P	06 45 07.8 +0.5
ULM	Lac Du Bonnet	86.70	34	P	P	06 45 06.2 -0.7
ULM	Lac Du Bonnet	86.70	34	P	P	06 45 06.2 -0.7
ULM	Lac Du Bonnet	86.70	34	P	P	06 45 06.2 -0.7
I26A	New Underwood	86.70	41	P	P	06 45 06.9 -0.2
BR131	Keakin Array S	86.74	313	eP	P	06 45 07.0 -0.4
BR131	Keakin Array B	86.74	313	eP	P	06 45 07.0 0.0
BR131	Keakin Array B	86.74	313	eP	P	06 45 07.0 0.0
BR131	Keakin Array B	86.74	313	eP	P	06 45 07.0 0.0
H27A	Howes	86.81	41	P	P	06 45 07.4 -0.1
F28A	McLaughlin	86.82	39	P	P	06 45 07.6 0.0
SMCO	Snowmass	86.86	47	eP	P	06 45 09.0 +0.6

MVCO	Mesa Verde	86.90	49	P	P	06 45 08.0 -0.5
MVCO	Mesa Verde	86.90	49	eP	P	06 45 08.2 0.0
B31A	Greenbush Farm	86.96	36	P	P	06 45 08.4 +0.1
C30A	Mose, Pekin	86.97	37	P	P	06 45 07.9 -0.

Table with columns: JCT, Station Name, Time, Res, ISC. Includes stations like Junction City, Clever, Richland Sprin, Perdido Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Chichi jima, Haha-jima-NKT, Boso 1, etc.

Table with columns: MA2, Station Name, Time, Res, LR. Includes stations like Magadan, Sanana, Karang Flatu, Lanzhou, etc.

CSEM 21 06:44:17.1, 43.73N-20.66E, h0km, ML 1.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Gruza, Ivanjica, Divibare, etc.

ISC 21 07:00:48.3, 0.4, 27.22N, 0.05, 143.42E, h10km, m289, r129/305, mb4.8/150, MS3.9/17, 8C-4D, Bonin Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Chichi jima, Haha-jima-NKT, Boso 1, etc.

ISC 21 06:56:02.0, 1.2, 15.21N, 119.42E, h0km, mb3.7/4, mb1 4.0/5, mb1mx3.6/55, mbtmp3.8/5, ML4.7/1, Error ellipse: s-maj=57.1km s-min=19.0km az=61.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Gruza, Ivanjica, Divibare, etc.

ISC 21 06:56:04.2, 0.8, 15.16N, 0.09, 119.14E, 0.08, h22km, mb3.6/4, Error ellipse: s-maj=13.5km s-min=10.2km az=152.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Gruza, Ivanjica, Divibare, etc.

ISC 21 06:56:06.4, 1.0, 15.33N, 0.1, 119.2E, 0.1, h22km, n8, r153/8, mb3.7/4, 2C-1D, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Gruza, Ivanjica, Divibare, etc.

NIED 21 07:00:00, 27.20N, 143.20E, h5km, Mw4.6 Best double couple: M=7.2000e+10 N1=3.180000e+10, z20.00000, lambda=1.00000, NP2=191.00000, delta.00000, lambda=74.00000

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Gruza, Ivanjica, Divibare, etc.

ISC 21 07:00:46.0, 0.5, 27.11N, 143.49E, h0km, mb4.6/29, mb1 4.7/32, mb1mx4.6/51, mbtmp4.6/32, ML3.7/3, MS3.6/14, Ms1 3.7/14, ms1mx3.4/51, Error ellipse: s-maj=13.9km s-min=11.4km az=94.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Gruza, Ivanjica, Divibare, etc.

ISC 21 07:00:47.0, 2.7, 35N, 0.03, 143.32E, 0.03, h10km, mb4.8/150, MS3.9/16, Error ellipse: s-maj=4.2km s-min=3.4km az=146.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Gruza, Ivanjica, Divibare, etc.

NEIC 21 07:00:48.4, 0.2, 27.13N, 143.42E, h10km, mb4.9/73, Error ellipse: s-maj=4.8km s-min=3.7km az=163.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Gruza, Ivanjica, Divibare, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OTAV Otavalo, PTGA Pitinga, JCT Junction City, etc.

ISCJB 21 10:28:13.6:0.6,21:64N:0:07:143:2E:0.1, h311km, mb3.7/16, Error ellipse: s-maj=18.4km s-min=9.2km

ISC 21 10:28:14.2:1.5,21:67N:143:17E, h301km, 13km, mb3.5/17, mb1.3/6.19, mb1mx3.4/5.4, mbtmp4.1/19, Error ellipse: s-maj=15.1km s-min=10.2km az=80.0

ISC 21 10:28:15.1:0.7,21:69N:100:443:2E:0.2, h311km, n21, o=71/25, mb3.6/16, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ Chichimiya, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like COAL Corum-Alaca, HAVZ Havza, BOYT Boyabat, etc.

BUC 21 10:43:43.6:0.7,46:24N:25:62E, h5km, MD2.4/1, 4C-2D, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VRI Vrincoiaia, MLR Muntele Rosu, etc.

ISC 21 10:53:08.6:2.3,24:65N:92:41E, h0km, mb3.5/5, mb1.3/7.6, mb1mx3.4/4.5, mbtmp3.5/6, ML3.8/1, Error ellipse: s-maj=89.9km s-min=21.3km az=69.0

ISCJB 21 10:53:12.8:0.6,24:51N:0:07:92:32E:0.04, h37km, mb3.4/5, Error ellipse: s-maj=10.9km s-min=4.3km az=20.7

ISC 21 10:53:14.7:0.9,24:60N:0:1:92:42E:0.06, h37km, n16, o=181/25, mb3.4/5, India-Bangladesh border

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SHL Shillong, IMP Imphal, TAPN Taplejung, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CSEM 21 11:15:47.9,41:43N:44:42E, KZR Kazreti, etc.

FUNUV 21 11:35:39.8,6:65N:73:26W, h166km, MW2.8, ISCJB 21 11:35:41.2:0.6,6:79N:0:04:73:05W:0.06, h165km, 6km, mb3.2/1, Error ellipse: s-maj=10.7km s-min=5.1km az=33.3

ISC 21 11:35:44.3:5.2,6:63N:75:80W, h125km, 6km, mb3.0/1, mb1.3/3.2, mb1mx2.9/23, mbtmp3.4/2, Error ellipse: s-maj=107.8km s-min=36.9km az=82.0

RSNC 21 11:35:44.9:0.9,6:75N:73:17W, h139km, 5km, ML2.8, ISC 21 11:35:44.8:0.9,6:79N:0:04:73:07W:0.06, h160km, 7km, n22, o=121/32, ID, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BARC Barichara, RUSC La Rusia, GRMC Gramatole, San, etc.

Table with columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like DRME Dracevica, Mon, PVY Plav, IVAS Ivanjica, etc.

Table with columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like PDO Agios Georgios, CONA Conrad Observa, VOIR Bratislava, etc.

Table with columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like AFSR Af ar-Bala (A), KULU Kulu, ELDT Eldivan, etc.

CSEM 21 14:24:09.3;0.5,41.86N;34.38E, h2km, MD2.7, Error ellipse: s-maj=13.6km s-min=7.9km az=11.0

DDA 21 14:24:12.2,41.71N;34.49E, h6km, MD2.7 ISK 21 14:24:08.4,41.83N;34.42E, h8km, MD2.7, Turkey

CSEM 21 14:24:33.9;0.2,39.84N;32.68E, h10km, MD2.3, Error ellipse: s-maj=5.8km s-min=4.4km az=118.0

ISK 21 14:24:33.5,39.84N;32.68E, h10km, MD2.3, Turkey

21d 16h

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residual. Includes stations like T37A Cheneyville 18, AMTX Amarillo, U34A Anderson Ranch, etc.

2011 JAN

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residual. Includes stations like TKM2 Tokmak 2, KSH Kashi, ZALV Zalesovo Beam, etc.

1074

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residual. Includes stations like GCMT 21 16:15:45.0, AOPR Arcobio Observ, AGPR Aguadilla, etc.

1075

CBN	Corbin Frederi	20.57	334	eP	P	16 20 22.1	+1.0
CBN	comp-Z,192nm,0.5s						
JTS	JuntasAbangare	20.64	245	fP	Pn	16 20 23.8	-0.6
JTS	comp-Z,152nm,1.0s						
JTS	JuntasAbangare	20.64	245	P	Pn	16 20 26.3	+1.9
JTS	comp-Z,467nm,0.9s,SNR=5.9						
JTS	JuntasAbangare	20.64	245	eP	P	16 20 20.9	-1.1
JTS	comp-Z,108nm,0.9s						
JTS	comp-Z,555nm,22.0s						
GRGC	Isla de Gorgon	20.67	216	eP	Pn	16 20 23.7	-1.0
TEIG	Tepich	20.86	274	PFAKE	LR	16 20 40.0	+1.3
TEIG	comp-Z,558nm,20.0s						
TGUH	Teeguicpalpa,Un	21.13	257	eP	P	16 20 30.9	+3.6
BLA	Blacksburg	21.18	327	P	P	16 20 27.3	-0.5
BLA	comp-Z,213nm,0.6s						
BLA	comp-Z,2um,21.0s						
BLA	Blacksburg	21.18	327	P	P	16 20 27.3	-0.5
BLA	comp-Z,213nm,0.6s						
BLA	comp-Z,2um,21.0s						
CRUC	La Cruz	21.25	211	eP	P	16 20 31.4	+2.4
SDMD	Soldier's Deli	21.40	337	eP	P	16 20 26.9	-3.1
PTGA	Pitinga	21.51	163	P	S	16 20 30.9	-0.6
PTGA	comp-Z,144nm,0.9s,baz=351,slow=12,SNR=8.3						
PTGA	comp-Z,11nm,0.9s,baz=285,slow=20,SNR=4.5						
PTGA	Pitinga	21.51	163	eP	LR	16 30 42.7	
PTGA	comp-Z,659nm,18.5s,baz=346,slow=42						
PTGA	comp-Z,228nm,1.1s						
PTGA	comp-Z,228nm,1.1s						
CPNY	Central Park	21.73	344	eP	S	16 24 26.4	-2.9
CPNY	comp-Z,113nm,0.6s						
CPNY	comp-Z,113nm,0.6s						
MVL	Millersville	21.74	338	eP	S	16 20 34.5	+0.9
BRNJ	Basking Ridge	21.80	342	eP	P	16 20 32.0	-2.2
BRAL	Brewton	21.82	304	PFAKE	LR	16 20 50.0	+1.5
BRAL	comp-Z,1um,21.0s						
PAL	Palisades	21.92	344	P	P	16 20 34.4	-1.2
PAL	comp-Z,247nm,0.9s						
PAL	Palisades	21.92	344	P	P	16 20 34.4	-1.2
PAL	comp-Z,247nm,0.9s						
YLE	Yale	21.98	346	eP	P	16 20 36.8	+0.7
YLE	comp-Z,251nm,0.8s						
YLE	comp-Z,251nm,0.8s						
TKL	Tuckaleechee C	22.00	319	eP	S	16 24 36.6	-1.3
TKL	comp-Z,35nm,1.0s,baz=133,slow=9.7,SNR=8.8						
TKL	comp-Z,1um,19.2s,baz=138,slow=34						
TKL	Tuckaleechee C	22.00	319	eP	P	16 20 37.7	+1.2
TKL	comp-Z,870nm,1.5s						
TKL	Tuckaleechee C	22.00	319	eP	P	16 20 37.7	+1.2
TKL	comp-Z,870nm,1.5s						
ODNJ	Ogdensburg	22.18	343	eP	P	16 20 39.5	+1.2
CMBC	Cumbar	22.22	213	eP	P	16 20 42.9	+3.4
BRYW	Bryant College	22.27	349	eP	P	16 20 40.3	+1.0
BRYW	comp-Z,296nm,1.1s						
BRYW	comp-Z,296nm,1.1s						
CPCT	Cooper Cave	22.34	317	eP	S	16 24 40.9	-2.6
N59A	State Game Lan	22.37	340	P	S	16 20 41.4	+0.9
N59A	baz=155,SNR=37						
BCX	Boston College	22.62	350	eP	P	16 20 44.5	+1.5
WES	Weston	22.69	350	eP	S	16 20 47.3	+3.5
WES	comp-Z,141nm,0.6s						
WES	Weston	22.69	350	eP	P	16 20 47.3	+3.5
WES	comp-Z,140nm,0.6s						
WES	Weston	22.69	350	eP	S	16 20 47.3	+3.5
WES	comp-Z,140nm,0.6s						
LRAL	Lakeview Retre	22.70	309	eP	P	16 20 46.3	+1.6
QUA2	Belchertown	22.77	348	eP	P	16 20 45.6	+0.5
QUA2	comp-Z,254nm,1.4s						
O56A	Blue Knob Stat	22.81	335	P	P	16 20 47.5	+2.1
O56A	baz=148,SNR=6.4						
MCWV	Mont Chateau	22.84	332	eP	P	16 25 10.3	+1.0
MCWV	comp-Z,83nm,1.1s						
MCWV	comp-Z,83nm,1.1s						
HRV	Adam Dzewionks	22.85	349	eP	S	16 20 46.7	+1.2
HRV	comp-Z,228nm,1.0s						
HRV	Adam Dzewionks	22.85	349	eP	P	16 20 46.7	+1.2
HRV	comp-Z,228nm,1.0s						
SSPA	Standing Stone	22.86	336	P	P	16 20 42.9	-2.7
SSPA	comp-Z,298nm,1.3s						
SSPA	Standing Stone	22.86	336	P	P	16 20 42.9	-2.7
SSPA	comp-Z,298nm,1.3s						
SWET	Sewanee	23.12	315	eP	S	16 24 58.6	-0.3
SWET	comp-Z,120nm,1.0s						
SWET	Sewanee	23.12	315	eP	S	16 24 58.6	-0.3
SWET	comp-Z,120nm,1.0s						
OTAV	Otavallo	23.14	213	eP	P	16 20 52.0	+2.8
OTAV	comp-Z,93nm,0.9s						
OTAV	Otavallo	23.14	213	eP	P	16 20 52.0	+2.8
OTAV	comp-Z,93nm,0.9s						
OTAV	comp-Z,772nm,20.0s						
TRY	Troy	23.49	346	eP	P	16 20 54.8	+2.8
TRY	comp-Z,327nm,1.0s						
TRY	Troy	23.49	346	eP	S	16 25 02.8	-1.9
TRY	comp-Z,327nm,1.0s						
BINY	Binghamton	23.61	341	eP	P	16 20 52.4	-0.8
BINY	comp-Z,1um,2.6s						
BINY	Binghamton	23.61	341	eP	S	16 25 06.2	-0.5
BINY	comp-Z,1um,2.6s						
BINY	comp-Z,3um,22.0s						
N54A	Moraine State	23.98	333	P	P	16 20 57.2	+0.5
N54A	baz=146,SNR=7.1						
ACCN	Adirondack Con	24.11	346	eP	P	16 20 58.0	+0.1
ACCN	comp-Z,290nm,0.9s						
HNH	Hanover	24.14	349	eP	P	16 20 57.7	-0.4
HNH	comp-Z,124nm,0.7s						
HNH	Hanover	24.14	349	eP	S	16 25 14.7	-0.4
HNH	comp-Z,111nm,1.1s						
M54A	Oil Creek Stat	24.30	335	P	P	16 21 00.2	+0.5
M54A	baz=148						
MDV	Middlebury	24.59	348	eP	P	16 20 57.7	-4.6
EMMW	East Machias	24.60	358	eP	P	16 20 58.8	-3.5
EMMW	comp-Z,111nm,1.1s						
WVL	Waterville	24.61	354	eP	P	16 21 04.7	+2.2
WVL	comp-Z,339nm,1.4s						
MMNY	Mt. Morris Dam	24.70	339	eP	P	16 21 05.3	+2.0
MMNY	comp-Z,273nm,1.0s						
ACSO	Alum Creek Sta	24.78	328	eP	P	16 21 03.5	-0.6
ACSO	comp-Z,170nm,1.1s						
ACSO	Alum Creek Sta	24.78	328	eP	LR		
ACSO	comp-Z,1um,22.0s						
WVT	Waverly	24.91	315	P	P	16 21 04.7	-0.6
WVT	comp-Z,165nm,1.5s						
WVT	Waverly	24.91	315	P	P	16 21 04.7	-0.6
WVT	comp-Z,165nm,1.5s						
ERPA	Erie	24.94	335	eP	P	16 21 07.4	+1.9
ERPA	comp-Z,193nm,1.4s						
VBMS	Vicksburg	25.00	304	P	P	16 21 07.2	+0.1
VBMS	baz=113						
CCIG	Comitan	25.05	266	eP	P	16 21 03.8	-3.1
CCIG	comp-Z,164nm,1.3s						
CCIG	Comitan	25.05	266	eP	S	16 25 32.1	+1.5
CCIG	comp-Z,164nm,1.3s						
OXF	Oxford	25.17	310	eP	P	16 21 04.8	-2.8
OXF	comp-Z,144nm,0.8s						
OXF	Oxford	25.17	310	eP	P	16 21 04.8	-2.8
OXF	comp-Z,144nm,0.8s						
WCI	Wyandotte Cave	25.20	320	eP	P	16 21 07.8	-0.1
WCI	comp-Z,164nm,1.3s						
WCI	Wyandotte Cave	25.20	320	eP	P	16 21 07.8	-0.1
WCI	comp-Z,164nm,1.3s						
PKME	Peaks-Kenny Pl	25.27	355	eP	P	16 21 05.4	-3.0
PKME	comp-Z,31nm,0.5s						
FRNY	Flat Rock	25.48	347	P	P	16 21 07.1	-3.2
FRNY	comp-Z,114nm,1.1s						
LONY	Lake Ozonia	25.49	346	eP	P	16 21 09.5	-0.9
LONY	comp-Z,48nm,0.8s						
LONY	comp-Z,1um,19.0s						

2011 JAN

HALT	Halls	25.82	313	eP	P	16 21 11.0	-2.5
USIN	University of	25.88	318	eP	P	16 21 12.7	-1.3
USIN	comp-Z,155nm,0.8s						
BLO	Bloomington	25.95	322	eP	P	16 21 10.5	-4.2
BLO	comp-Z,101nm,0.9s						
BLO	Bloomington	25.95	322	eP	P	16 21 10.5	-4.2
BLO	comp-Z,101nm,0.9s						
GLAT	Glass	25.97	313	eP	P	16 21 13.5	-1.4
GNAR	Gosnell	26.32	312	eP	P	16 21 14.5	-3.5
PLVO	Plevna	26.53	342	eP	P	16 21 21.6	+1.8
PQI	Presque Isle	26.59	357	eP	P	16 21 22.8	+2.5
PQI	comp-Z,132nm,1.5s						
OLIL	Olney	26.62	319	eP	P	16 21 19.7	-1.0
OLIL	comp-Z,147nm,1.0s						
AAM	Ann Arbor	26.69	330	P	P	16 21 20.5	-0.8
AAM	comp-Z,106nm,0.5s						
AAM	Ann Arbor	26.69	330	P	P	16 21 20.5	-0.8
AAM	comp-Z,106nm,0.5s						
AAM	Ann Arbor	26.69	330	P	P	16 21 20.5	-0.8
AAM	comp-Z,106nm,0.5s						
AAM	Ann Arbor	26.69	330	P	P	16 21 20.5	-0.8
AAM	comp-Z,106nm,0.5s						
SIUC	Southern Illin	26.72	316	eP	P		

ISCO	comp=Z,46nm,1.4s	LR	LR		
E27A	Carson baz=120	39.14 320	P	P	16 23 10.3 +0.5
F27A	Leomon	39.14 319	P	P	16 23 10.8 +1.0
J25A	Sunshine Ranch baz=114,SNR=8.4	39.16 315	P	P	16 23 10.7 +0.6
A29A	Manning Farm, baz=126	39.16 325	P	P	16 23 10.1 +0.2
121A	Cookes Peak, D baz=98	39.18 297	P	P	16 23 11.1 +0.7
121A	Cookes Peak, D comp=Z,40nm,1.4s	39.18 297	eP	P	16 23 09.8 -0.6
G26A	Maurine	39.22 318	P	P	16 23 11.4 +0.9
RCBR	Riachuelo comp=Z,207nm,2.1s	39.26 128	P	P	16 23 10.4 -0.7
RCBR	comp=Z,415nm,20.0s		LR	LR	
I25A	Rochford baz=115,SNR=8.7	39.38 316	P	P	16 23 12.7 +0.7
S22A	4UR Ranch, Cre baz=105,SNR=13	39.44 305	P	P	16 23 13.5 +0.8
S22A	4UR Ranch, Cre comp=Z,24nm,1.3s	39.44 305	eP	P	16 23 14.2 +1.4
D27A	Center baz=121	39.46 321	P	P	16 23 13.6 +1.1
PHWY	Pilot Hill comp=Z,116nm,1.7s	39.50 311	eP	P	16 23 09.0 -4.2
B28A	Dugan Ran, T baz=124,SNR=12	39.51 324	P	P	16 23 13.5 +0.7
F26A	Lodgepole	39.53 319	P	P	16 23 13.9 +0.9
H25A	Fruitdale baz=118,SNR=6.2	39.55 317	P	P	16 23 14.3 +1.0
RSSD	Black Hills	39.62 316	eP	P	16 23 08.3 -5.8
RSSD	comp=Z,114nm,2.3s				
RSSD	Black Hills baz=115	39.62 316	P	P	16 23 14.1 +0.1
RSSD	Black Hills comp=Z,114nm,2.3s	39.62 316	eP	P	16 23 08.3 -5.7
BDFB	Brasilia comp=Z,12nm,0.8s,baz=330,slow=5.3,SNR=7.2	39.67 152	P	P	16 23 15.0 +0.4
BDFB	comp=Z,5.3nm,0.7s,baz=34,slow=3.6,SNR=3.5				16 40 11.2
BDFB	Brasilia comp=Z,688nm,21.7s,baz=338,slow=37	39.67 152	eP	P	16 23 16.2 +1.6
BDFB			P	P	16 25 22.9 +1.6
G25A	Newell baz=117	39.69 318	P	P	16 23 15.3 +0.9
E26A	Carlson Angus baz=119	39.70 320	P	P	16 23 15.3 +0.9
N23A	Red Feather La baz=109	39.71 310	P	P	16 23 15.2 +0.3
N23A	Red Feather La comp=Z,14nm,1.0s	39.71 310	eP	P	16 23 16.6 +1.6
A28A	Rude Farm, Bot baz=124	39.72 325	P	P	16 23 14.4 -0.1
C27A	Saylor Ranch, baz=122	39.76 322	P	P	16 23 15.8 +0.9
D26A	Manning	39.96 321	P	P	16 23 17.5 +0.9
B27A	Peters Farms, baz=122	39.99 323	P	P	16 23 17.3 +0.5
F25A	Bowman	40.05 319	P	P	16 23 18.2 +0.8
C26A	Wahner Farm, P baz=121	40.16 322	P	P	16 23 18.6 +0.4
E25A	Miller Ranch, baz=118	40.28 320	P	P	16 23 19.8 +0.5
D25A	Fairfield	40.54 321	P	P	16 23 21.9 +0.5
MVCO	Mesa Verde baz=119	40.60 304	P	P	16 23 22.9 +0.6
MVCO	Mesa Verde comp=Z,23nm,1.3s	40.60 304	eP	P	16 23 21.4 -0.9
MVCO			LR	LR	
A26A	Wade Farm, Ken baz=122	40.69 324	P	P	16 23 23.5 +0.9
K22A	Casper baz=111,SNR=5.2	40.72 313	P	P	16 23 24.1 +1.0
PV01	Paradox Valley W18A	40.87 305	eP	P	16 23 25.2 +0.7
PV05	Paradox Valley PV10	41.26 305	eP	P	16 23 28.7 +0.9
A25A	Svangstu Ranch baz=121	41.31 323	P	P	16 23 28.3 +0.5
PV09	Paradox Valley TUC	41.39 306	eP	P	16 23 30.6 +1.7
TUC	Tucson	41.67 296	eP	P	16 23 29.9 -1.1
TUC	comp=Z,27nm,1.7s				
TUC	comp=Z,387nm,21.0s		LR	LR	
TUC	Tucson baz=96	41.67 296	P	P	16 23 32.2 +1.2
TUC	Tucson comp=Z,27nm,1.7s	41.67 296	eP	P	16 23 29.9 -1.1
DGMT	Dagmar comp=Z,387nm,21.0s	41.70 322	P	P	16 23 31.9 +1.0
DGMT	Dagmar baz=119	41.70 322	eP	P	16 23 27.7 -3.2
DGMT	Dagmar comp=Z,40nm,1.3s				
DGMT	comp=Z,951nm,20.0s		LR	LR	
P18A	Preston Nutter comp=Z,107nm,2.0s	42.50 307	eP	P	16 23 39.6 +1.6
LVC	Limon Verde comp=Z,22nm,0.9s	42.51 184	eP	P	16 23 34.5 -3.6
LVC			LR	LR	
WUAZ	Wupatki comp=Z,513nm,19.0s	42.56 301	P	P	16 23 39.8 +1.4
WUAZ	Wupatki baz=99,SNR=32	42.56 301	eP	P	16 23 36.9 -1.5
WUAZ	Wupatki comp=Z,44nm,1.0s				
SRU	San Rafael Swe comp=Z,590nm,22.0s	42.59 306	eP	P	16 23 37.0 -1.5
SRU	comp=Z,9.0nm,0.8s				
SRU	San Rafael Swe comp=Z,1nm,0.8s	42.59 306	eP	P	16 23 37.0 -1.5
P17A	Butcher Ranch, comp=Z,108nm,1.7s	42.84 307	eP	P	16 23 42.4 +1.9
BW06	Boulder Array baz=108,SNR=20	42.87 312	P	P	16 23 41.7 +0.9
BW06	Boulder Array comp=Z,40nm,1.4s	42.87 312	eP	P	16 23 40.0 -0.8
BW06			LR	LR	
PDAR	Pinedale Array comp=Z,7.4nm,1.0s,baz=100,slow=6.2,SNR=39	42.87 312	P	P	16 23 41.6 +0.8
PDAR	comp=Z,4.3nm,0.8s,baz=81,slow=5.6,SNR=4.5				16 41 18.4
PDAR	comp=Z,654nm,21.1s,baz=111,slow=36				
TMUT	Trail Mountain comp=Z,29nm,1.1s	43.15 306	P	P	16 23 41.6 -1.6
RLMT	Red Lodge baz=111,SNR=14	43.45 315	P	P	16 23 46.7 +1.2
RLMT	Red Lodge comp=Z,41nm,1.2s	43.45 315	eP	P	16 23 42.6 -2.8
RLMT			LR	LR	
O16A	Springville comp=Z,39nm,1.6s	43.58 308	eP	P	16 23 43.9 -2.6
FCC	Fort Churchill comp=Z,31nm,0.7s	43.65 339	eP	P	16 23 42.1 -4.4
FCC	Fort Churchill comp=Z,31nm,0.7s	43.65 339	eP	P	16 23 42.1 -4.5
LOHW	Long Hollow comp=Z,59nm,1.3s	43.86 313	eP	P	16 23 47.1 -1.6
SNOW	Snow King Moun comp=Z,55nm,1.0s	43.92 312	eP	P	16 23 46.2 -3.1
NLU	North Lily Min comp=Z,22nm,1.2s	43.95 307	eP	P	16 23 51.4 +1.9
REDW	Red Top Meadow comp=Z,117nm,1.4s	43.95 312	eP	P	16 23 47.8 -1.8
FFC	Flin Flon	43.99 331	eP	P	16 23 45.8 -3.6
FFC	comp=Z,11nm,0.8s				

FFC	comp=Z,11m,22.0s		MLR	MLR	
FFC	Flin Flon comp=Z,12nm,0.8s	43.99 331	eP	P	16 23 45.8 -3.6
FFC	comp=Z,11m,22.0s		LR	LR	
MOOW	Moose Ponds comp=Z,21nm,1.0s	44.00 313	eP	P	16 23 49.5 -0.4
LKWY	Lake comp=Z,36nm,1.4s	44.02 314	eP	P	16 23 48.3 -1.8
LKWY	comp=Z,21m,22.0s		MLR	MLR	
LKWY	comp=Z,36nm,1.4s	44.02 314	eP	P	16 23 48.3 -1.8
LKWY	comp=Z,21m,22.0s		LR	LR	
FLWY	Flagg Ranch comp=Z,24nm,1.6s	44.07 313	eP	P	16 23 48.0 -2.5
H17A	Grant Village baz=109	44.08 314	P	P	16 23 51.2 +0.5
CCUT	Cedar City comp=Z,14nm,1.0s	44.47 304	eP	P	16 23 55.7 +1.9
DUG	Dugway, Tooele comp=Z,42nm,1.5s	44.55 307	eP	P	16 23 51.8 -2.5
DUG	comp=Z,804nm,20.0s		MLR	MLR	
DUG	Dugway, Tooele baz=103,SNR=13	44.55 307	eP	P	16 23 54.9 +0.6
DUG	Dugway, Tooele comp=Z,42nm,1.5s	44.55 307	eP	P	16 23 51.8 -2.5
DUG			LR	LR	
PDMCI	Parker Dam,Lak baz=96	44.66 299	P	P	16 23 55.6 +0.5
QLMT	Leithquake Lake baz=113,SNR=12	44.80 314	P	P	16 23 56.3 0.0
EGMT	Eagleton comp=Z,42nm,1.1s	44.84 319	eP	P	16 23 57.4 +1.0
EGMT	comp=Z,21m,22.0s		LR	LR	
BGU	Big Grassy Mou comp=Z,57nm,1.4s	44.88 308	eP	P	16 23 55.0 -1.9
Y12C	Blythe baz=95	44.93 298	P	P	16 23 59.1 +1.9
GLA	Glamis baz=94	45.13 297	P	P	16 23 59.8 +0.9
BOZ	Bozeman (W) comp=Z,38nm,1.4s	45.19 315	eP	P	16 23 57.3 -2.1
BOZ	comp=Z,11m,22.0s		MLR	MLR	
BOZ	Bozeman (W) baz=99,SNR=8.9	45.19 315	eP	P	16 24 00.6 +1.3
BOZ	Bozeman (W) comp=Z,38nm,1.4s	45.19 315	eP	P	16 23 57.2 -2.1
BOZ			LR	LR	
PMOZ	Porto Moniz, M comp=Z,237nm,1.1s	45.19 63	eP	P	16 24 01.1 +1.6
IRM	Iron Mountain baz=93,SNR=23	45.48 298	P	P	16 24 03.4 +1.8
BC3	Big Chuckwall baz=94	45.70 298	P	P	16 24 04.8 +1.3
SHPR	Sheep Range Dillon	45.74 302	P	P	16 24 03.8 0.0
DLMT	Dillon comp=Z,45nm,1.3s	45.75 314	eP	P	16 24 02.6 -1.1
MCMT	McKenzie Canyon LRM	45.76 314	eP	P	16 24 03.5 -0.4
PMP5	Porto Santo comp=Z,315nm,1.7s	45.80 315	eP	P	16 24 02.1 -2.1
SWSC	San W. Stewart baz=93	45.93 297	P	P	16 24 06.3 +1.2
GMRC	Granite Mounta baz=95,SNR=8.2	45.96 299	P	P	16 24 06.7 +1.2
IBP	Imperial Bould baz=93	46.17 296	P	P	16 24 08.9 +1.8
TUQ	Turquoise Moun baz=96	46.23 300	P	P	16 24 09.2 +1.5
R11A	Troy Canyon, C baz=99,SNR=16	46.33 304	P	P	16 24 10.0 +1.5
R11A	Troy Canyon, C comp=Z,16nm,1.4s	46.33 304	eP	P	16 24 07.2 -1.2
MONP2	Monument Peak baz=93,SNR=12	46.45 297	P	P	16 24 10.8 +1.2
ELK	Elko comp=Z,7.4nm,1.1s,baz=52,slow=1.1,SNR=18	46.48 308	eP	P	16 24 09.6 -0.1
ELK	comp=Z,2.5nm,0.9s,baz=222,slow=1.8,SNR=2.1				16 25 45.1 +1.1
ELK	Elko				16 24 06.9 -2.8
ELK	comp=Z,19nm,1.2s				16 25 45.2
ELK	Elko comp=Z,19nm,1.2s	46.48 308	eP	P	16 24 06.9 -2.8
ELK	Elko comp=Z,19nm,1.2s				
HLID	Hailey baz=104,SNR=21	46.50 312	P	P	16 24 05.9 -2.8
HLID	Hailey comp=Z,169nm,2.4s	46.50 312	eP	P	16 24 10.7 +1.0
HLID			LR	LR	
HEC	Hector,Ludlow baz=95	46.51 299	P	P	16 24 11.4 +1.6
PFO	Pinyon Flats O comp=Z,7.5nm,1.2s,baz=96,slow=12,SNR=8.0	46.53 298	P	P	16 24 11.9 +2.0
PFO	comp=Z,1.2nm,0.5s,baz=91,slow=9.5,SNR=2.1				16 25 46.0 +1.7
PFO	Pinyon Flats O comp=Z,7.5nm,1.2s,baz=96,slow=12,SNR=8.0	46.53 298	P	P	16 24 12.0 +2.0
PFO					16 25 46.0
PFO	comp=Z,8.0nm,1.2s				
PFO	comp=Z,1.0nm,0.5s				
PFO	Pinyon Flats O comp=Z,1.0nm,0.5s	46.53 298	P	P	16 24 11.9 +2.0
PFO					16 25 46.0 +1.7
PFO					
SHOC	Shoshone,Tooe baz=96	46.57 301	P	P	16 24 11.4 +1.2
CPUP	Villa Florida comp=Z,41nm,0.8s,baz=350,slow=7.5,SNR=38	46.89 169	P	P	16 24 11.7 -0.9
CPUP	comp=Z,370nm,18.2s,baz=354,slow=38				16 45 24.3
CPUP	Villa Florida comp=Z,370nm,18.2s,baz=354,slow=38	46.89 169	eP	P	16 24 11.5 -1.1
CPUP	Villa Florida GSC	46.89 169	eP	P	16 24 11.5 -1.1
GSC	Goldstone, Bar comp=Z,19nm,0.9s	46.94 300	eP	P	16 24 12.9 -0.3
GSC	comp=Z,19nm,0.9s				
GSC	Goldstone, Bar baz=95,SNR=12	46.94 300	eP	P	16 24 14.6 +1.4
GSC	Goldstone, Bar comp=Z,19nm,0.9s	46.94 300	eP	P	16 24 12.8 -0.3
109C	Camp Elliot, M baz=92	47.03 297	P	P	16 24 14.9 +1.1
MSO	Missoula baz=108	47.09 316	P	P	16 24 14.2 0.0
MURC	Murrieta baz=93	47.15 298	P	P	16 24 15.9 +1.1
SWMT	Swartz Lake YBMT	47.34 317	eP	P	16 24 11.8 -4.3
YBMT	Yellow Bay comp=Z,30nm,1.1s	47.46 317	eP	P	16 24 15.8 -1.3
MFID	Mount Mt Rad comp=Z,30nm,1.1s	47.47 311	eP	P	16 24 15.6 -1.6
GRAC	Grapevine Rang baz=96	47.56 302	P	P	16 24 19.5 +1.5
BFSC	Mount Baldy Ra baz=95,SNR=11	47.56 298	P	P	16 24 19.1 +1.0
MPMC	Manual Prospec baz=95,SNR=11	47.56 301	P	P	16 24 19.3 +1.1
JTMT	Jette DAC	47.59 317	eP	P	16 24 18.2 0.0
DAC	Darwin (Calif) comp=Z,26nm,0.8s	47.67 301	eP	P	16 24 19.9 +0.9
DAC	Darwin (Calif) comp=Z,26nm,0.8s	47.67 301	eP	P	16 24 19.9 +0.9
LRMC	Laurel Mtn Rad baz=94,SNR=12	47.67 300	P	P	16 24 19.9 +1.0
WALA	Waterton Lakes comp=Z,294nm,3.0s	47.79 319	eP	P	16 24 21.6 +1.9
EDW2	Edwards Air Fo baz=94,SNR=16	47.88 299	P	P	16 24 21.9 +1.5
BMN	Battle Mountai comp=Z,30nm,1.1s	47.91 307	eP	P	16 24 20.5 -0.2
BMN					
BMN	comp=Z,30nm,1.1s	47.91 307	eP	P	16 24 20.5 -0.2

BSMT	comp=Z,30nm,1.1s				
BSMT	Bassoo Peak Kangerlussuaq	47.95 317	eP	P	16 24 18.9 -2.1
SFJD	Kangerlussuaq comp=Z,15nm,0.8s,baz=188,slow=7.7,SNR=8.1	47.95 8	P		

21d 16h

2011 JAN

1078

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like EVO, PBDV, PGAV, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like NOA, RETA, FETA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like KOLS, KOLU, KUPW, etc.

21d 16h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like E07A Sunnyside, O03D Paynes Creek, K05A Summer Lake, etc.

2011 JAN

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TUQ Turquoise Moun, DNR Dunn Ranch, ANZ Eagleton, etc.

1082

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like DGMT Dagmar, DGMT Dagmar, FINES FINESS Array B, etc.

Table with columns: ID, Name, Date, Time, Magnitude, Position, etc. Includes entries like Eureka, Midland, Greenbush Farm, Buchanan, etc.

Table with columns: ID, Name, Date, Time, Magnitude, Position, etc. Includes entries like ANTO, BR231, SPMM, TXAR, etc.

Table with columns: ID, Name, Date, Time, Magnitude, Position, etc. Includes entries like ESDC, San Pablo, NVL, etc.

1085	234A	Clairette	23.06	333	P	P	17 23 16.8	+0.3
		baz=149,SNR=25						
	Z37A	Pogue Cattle C	23.13	340	P	P	17 23 18.1	+0.8
		baz=156,SNR=11						
	431A	Sonor	23.18	327	P	P	17 23 17.5	-0.3
		baz=142,SNR=28						
	SEUS	St. Eustatius	23.21	73	eP	P	17 23 18.4	+0.2
		comp=Z,277nm,1.2s						
	135A	Vickery Place	23.23	335	P	P	17 23 18.8	+0.6
		baz=152,SNR=3						
	SMRT	St. Maarten	23.24	71	eP	P	17 23 18.1	-0.3
		comp=Z,100nm,0.4s						
	332A	Millersview	23.29	330	P	P	17 23 19.4	+0.6
		baz=145,SNR=22						
	Y39A	Locksburg	23.34	343	P	P	17 23 19.6	+0.4
		baz=160,SNR=5.8						
	233A	Rising Star	23.41	332	P	P	17 23 20.0	+0.1
		baz=143,SNR=40						
	SWET	Sewanee	23.48	1	eP	P	17 23 21.8	+1.3
		comp=Z,19nm,0.9s						
	Z36A	Blue Ridge	23.48	338	P	P	17 23 20.9	+0.4
		baz=154,SNR=8.7						
	Y38A	Idabel	23.52	342	P	P	17 23 21.6	+0.9
		baz=159						
	134A	White-Moore Ra	23.52	334	P	P	17 23 20.9	0.0
		baz=150,SNR=13						
	331A	San Angelo	23.58	328	P	P	17 23 21.8	+0.5
		baz=143,SNR=33						
	232A	Coleman	23.66	330	P	P	17 23 22.6	+0.5
		baz=146,SNR=38						
	UALR	University of	23.70	347	eP	P	17 23 22.9	+0.5
		comp=Z,50nm,0.8s						
	UALR	Cooper Cave	23.76	3	eP	P	17 23 23.4	+0.7
		comp=Z,43nm,0.8s						
	CPCT	Mount Ida	23.77	345	eP	P	17 23 23.8	+0.7
		baz=162,SNR=27						
	MIAR	Mount Ida	23.77	345	eP	P	17 23 22.4	-0.7
		comp=Z,43nm,0.8s						
	HPIG	Kings Mountain	23.80	313	eP	P	17 23 24.6	+1.0
		baz=192,SNR=9.4						
	KMSC	Kings Mountain	23.82	10	eP	P	17 23 25.3	+1.8
		comp=Z,29nm,0.6s						
	Y37A	Hugo	23.84	340	P	P	17 23 24.7	+1.0
		baz=157,SNR=10						
	Z35A	Perchaven, San	23.85	337	P	P	17 23 24.2	+0.5
		baz=153,SNR=5.2						
	133A	Hamilton Ranch	23.92	333	P	P	17 23 25.2	+0.8
		baz=148,SNR=50						
	TXAR	Lajitas Array	23.97	320	P	P	17 23 26.4	+1.4
		comp=Z,84nm,0.7s,baz=141,slow=8.4,SNR=637						
	TXAR	comp=Z,3.1nm,0.9s,baz=144,slow=5.0,SNR=4.1				17 27 06.4	+1.3	
		ScP						
	TXAR	comp=Z,2.6,7nm,1.0s,baz=134,slow=5.4,SNR=22				17 23 25.1	+0.1	
		ScP						
	TX31	Lajitas Ar. Si	23.97	320	eP	P	17 23 26.5	+1.4
		baz=155,SNR=8.9						
	TKL	Tuckaleechee C	24.02	5	P	P	17 23 27.1	+1.8
		comp=Z,12nm,0.6s,baz=183,slow=8.1,SNR=9.6						
	TKL	Tuckaleechee C	24.02	5	eP	P	17 23 27.4	+2.2
		comp=Z,97nm,1.4s						
	TKL	Tuckaleechee C	24.02	5	eP	P	17 23 27.4	+2.2
		comp=Z,97nm,1.4s						
	231A	Bronte	24.02	329	P	P	17 23 25.8	+0.4
		baz=144,SNR=24						
	GRGR	Grenville	24.03	86	eP	P	17 23 27.6	+2.0
		comp=Z,369nm,1.0s						
	330A	Mertzton	24.05	327	P	P	17 23 25.9	+0.3
		baz=142,SNR=13						
	Z34A	Collier Ranch,	24.14	335	P	P	17 23 26.9	+0.4
		baz=151,SNR=13						
	X38A	Whitesboro	24.23	342	P	P	17 23 28.0	+0.8
		baz=159,SNR=12						
	ABTX	Abilene, Hawle	24.26	332	P	P	17 23 28.2	+0.7
		baz=147,SNR=38						
	ABTX	Abilene, Hawle	24.26	332	eP	P	17 23 27.7	+0.2
		comp=Z,192nm,1.0s						
	ABTX	Marietta	24.27	338	P	P	17 23 28.8	+1.2
		baz=154,SNR=13						
	X37A	Clayton	24.32	341	P	P	17 23 28.8	+0.8
		baz=158,SNR=12						
	HALT	Halls	24.33	354	eP	P	17 23 30.8	+2.7
		baz=163,SNR=10						
	ANWB	Willy Bob	24.36	73	P	P	17 23 27.0	-1.6
		baz=149,SNR=10						
	Z30A	Sterling City	24.39	328	P	P	17 23 29.1	+0.3
		baz=143,SNR=7.3						
	Z33A	Whitaker Ranch	24.43	334	P	P	17 23 29.2	+0.2
		baz=149,SNR=46						
	WVT	Waverly	24.43	357	eP	P	17 23 29.8	+0.8
		comp=Z,14nm,0.8s						
	WVT	Waverly	24.43	357	eP	P	17 23 29.8	+0.8
		comp=Z,14nm,0.8s						
	W38A	Poteau	24.52	343	P	P	17 23 30.6	+0.8
		baz=160,SNR=9.9						
	FDf	Fort de France	24.59	80	P	P	17 23 31.6	+0.9
		comp=Z,117nm,1.1s						
	FDf	Fort de France	24.59	80	P	P	17 23 31.6	+0.9
		comp=Z,117nm,1.1s						
	FDf	Reagan Ranch,	24.59	336	P	P	17 23 30.9	+0.4
		baz=152,SNR=15						
	X36A	Centrahoma	24.63	340	P	P	17 23 31.6	+0.8
		baz=156,SNR=8.1						
	131A	Roby	24.66	330	P	P	17 23 31.2	0.0
		baz=145,SNR=23						
	CNNC	Cliffs of the	24.68	16	eP	P	17 23 32.9	+1.6
		comp=Z,97nm,1.4s						
	GLAT	Drake	24.68	354	eP	P	17 23 31.9	+0.6
		comp=Z,97nm,1.4s						
	GLAT	Drake	24.68	354	eP	P	17 23 31.9	+0.6
		comp=Z,97nm,1.4s						
	X35A	Drake	24.69	338	P	P	17 23 32.1	+0.7
		baz=154,SNR=26						
	UTMT	University of	24.71	355	eP	P	17 23 33.1	+1.6
		comp=Z,97nm,1.4s						
	UTMT	University of	24.71	355	eP	P	17 23 33.1	+1.6
		comp=Z,97nm,1.4s						
	H06E1	SOCORRO T-PHAS	24.86	290	T	T	17 23 35.5	+3.7
		SNR=18						
	130A	Snyder	24.88	329	P	P	17 23 33.7	+0.5
		baz=144,SNR=13						
	H06S1	SOCORRO T	24.88	289	T	T	17 23 30.9	+0.4
		SNR=79						
	TZTN	Tazewell	24.91	5	eP	P	17 23 36.1	+2.7
		comp=Z,0.2nm,0.5s						
	Y33A	Hilltop Ranch,	24.99	335	P	P	17 23 34.5	+0.4
		baz=150,SNR=20						
	W36A	Wetumka	25.10	340	P	P	17 23 35.5	+0.4
		baz=157,SNR=12						
	PARMO	Parma	25.12	353	eP	P	17 23 34.2	-1.0
		baz=157,SNR=12						
	X34A	Smith Ranch, M	25.19	337	P	P	17 23 37.0	+1.0
		baz=153,SNR=14						
	V38A	Canehill	25.23	344	P	P	17 23 36.3	0.0
		baz=161,SNR=11						
	NNA	Nana	25.25	158	P	P	17 23 39.2	+2.5
		comp=Z,6.8nm,0.5s,baz=328,slow=13,SNR=2.6						
	NNA	Nana	25.25	158	P	P	17 23 38.1	+1.0
		comp=Z,28nm,1.1s,baz=299,slow=5.6,SNR=4.4						
	NNA	Nana	25.25	158	P	P	17 23 37.0	-0.8
		comp=Z,27nm,0.9s,baz=318,slow=4.6,SNR=3.6						
	NNA	Nana	25.25	158	P	P	17 23 39.7	-1.8
		baz=158						
	NNA	Nana	25.25	158	P	P	17 23 39.7	-1.8
		baz=158						
	NNA	Nana	25.25	158	P	P	17 23 39.7	-1.8
		baz=158						
	NNA	Nana	25.25	158	P	P	17 23 39.7	-1.8
		baz=158						
	PBMO	Poplar Bluff	25.32	352	eP	P	17 23 37.1	+0.1
		comp=Z,149,SNR=14						
	Y32A	R-V Farms, Ver	25.33	334	P	P	17 23 37.5	+0.3
		baz=149,SNR=14						
	W35A	Tecumseh	25.34	339	P	P	17 23 37.3	0.0
		baz=155						
	X33A	Lawton	25.40	336	P	P	17 23 38.6	+0.8
		baz=151,SNR=11						
	V37A	Hulbert	25.46	343	P	P	17 23 38.2	-0.1
		baz=160,SNR=15						
	SLBS	Sierra La Lagu	25.55	301	eP	P	17 23 41.3	+2.0
		comp=Z,69nm,1.0s						
	V36A	Jenks	25.61	341	P	P	17 23 39.7	0.0
		baz=158						

21d 17h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like SDCO Great Sand Dun, SDCO L36A Harm Buss Farm, M33A Taylor Creek F, etc.

2011 JAN

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like I30A Oacoma, H32A Carlson Farm, H33A Pre Over Nor, etc.

1086

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like EYMN Ely, PKME Peaks-Kenny Pk, C35A Jirik Farms, M, etc.

21d 17h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MIHALICIK, Yenicaga, Esiksehir, etc.

NIC 21 17:27:26.0.1, 36.67N-31.10E, h16km, mb4.1, ML3.7
NSSC 21 17:27:28.0.1.4, 35.21N-31.70E, h336km, mb6.9km, ML2.6
CSEM 21 17:27:29.0.0.35, 35.95N-30.83E, h10km, ML3.5, Error ellipse: s-maj=4.9km s-min=2.5km az=23.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ANTBA, AKAS, GAZI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AKMC, FETIYE, GOLHISAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ALFC, ERMK, AKDN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CSS, DENT, KONT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KERG, KIZIT, BODT, etc.

2011 JAN

Table with columns: AKO, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Adana, Al Arnab, Aykadinkevack, etc.

BUI 21 17:37:04.3, 27.00N-143.44E, h19km, mb4.5/38, mb5.0/26, Ms4.6/19, Ms7.4/319
IDC 21 17:37:04.5, 0.4, 27.28N, 143.41E, h0km, mb4.3/29, mb1.4/43, mb1mx4.4/43, mbtmp4.3/33, ML3.2/3, MS4.0/5,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CBJJ, CHICHI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JCH, JHU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BSO1, BSO3, BSO4, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MAJO, MAJ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like USRK, YSS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NACB, YHNB, etc.

1088

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CD2, ULN, etc.

Table with columns: BRTR, Station Name, Az, El, P, Time, Res. Includes stations like MCK McKinley, COLD Coldfoot, SML Sawmill, etc.

Table with columns: BRTR, Station Name, Az, El, P, Time, Res. Includes stations like BRRTR Keskin Array B, BRRTR Keskin Array B, ULTR Lac du Bonnet, etc.

Table with columns: Station Name, Az, El, P, Time, Res. Includes stations like XOR Xorichti, XOR Xorichti, XOR Xorichti, etc.

IDC 21 18:00:31.2-1.7, 13'30N-92.74E, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.5/4, mbtmp3.6/5, ML3.4/1, Error ellipse: s-maj=44.4km s-min=24.1km az=71.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, H0S83 Diego Garcia H, H0S82 Diego Garcia H, H0K81 Diego Garcia H, MKAR Makanchi Array, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs.

ISCJB 21 18:01:08.8, 1.6, 5.9'S; 0.2, 148.6'E; 0.4, h60km, mb3.4/3, Error ellipse: s-maj=55.3km s-min=13.8km az=19.7

IDC 21 18:01:10.9, 6.0, 6.0'S; 148.82E, h74km, mb3.2/3, mb1 3.5/5, mb1mx3.2/3, mbtmp3.6/5, ML3.8/1, Error ellipse: s-maj=87.3km s-min=33.9km az=134.0

ISC 21 18:01:10.1, 0.1, 6.5, 9'S; 0.2, 148.7'E; 0.5, h60km, n6, c0S20/7, mb3.3/3, New Britain region

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, FITZ Fitzroy Crossi, ILAR Eielson Array, TORD Torodi Ar. Bea.

IDC 21 18:06:14.6, 5.4, 5.9'S; 147.85E, h166km, 4gkm, mb3.8/2, mb1 3.8/4, mb1mx3.3/4, mbtmp4.1/4, MS3.5/1, Ms1 3.4/1, ms1mx2.6/7, Error ellipse: s-maj=79.1km s-min=45.4km az=128.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, STKA Stephens Creek, TORD Torodi Ar. Bea.

MEX 21 18:11:57.0, 0.6, 13.36N-91.83W, h88km, 3gkm, MD3.9, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PCIG Ciego de Avila, CCIG Comitan.

MEX 21 18:23:48.9, 0.4, 15.03N-93.87W, h54km, 61km, MD4.0, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PCIG Ciego de Avila, CCIG Comitan.

BKK 21 18:27:29.9, 0.8, 15.1N, 5.12, 1E, 1.1, h10km, M4.3/10, mb5.0/3, mb4.3/10, Mw(mb)4.3/3

ISCJB 21 18:27:39.8, 0.3, 13.73N, 0.04, 120.79E, 0.06, h181km, 3km, mb4.0/20, Error ellipse: s-maj=9.0km s-min=6.7km az=1.7

MAN 21 18:27:40, 13.81N, 120.49E, h137km, mb4.7, ML3.6, MS3.6

IDC 21 18:27:44.1, 3.2, 13.74N, 120.76E, h212km, 31km, mb3.7/19, mb1 3.8/20, mb1mx3.7/41, mbtmp4.2/20, Error ellipse: s-maj=16.9km s-min=9.2km az=69.0

ISC 21 18:27:40.1, 0.6, 13.78N, 0.04, 120.66E, 0.06, h169km, 6km, n7, c0S16/4, mb4.1/20, 3C, 4D, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PGP Puerto Galera, TGY Tagaytay City, LQP Lukan, BOAC Boac, SJMP San Jose, CUYO Cuyo Island, KAPI Kappang, NANT Nan, SUKH Sukthohai, LAMP Lampang, CMAR Chiang Mai Arr, CMAR Chiangmai, KSRS Korea Arr, USRK Ussuriysk Arr, TAPN Taplejung, ODAN Odare, RAMN Ramite, GUN Gumba, PKIN Phulchoki.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KKN Kakani, DMN Daman, SOJN Songji Array, WRA Warramunga Arr, KOLN Koldanda, ASAR Alice Springs, MKAR Makanchi Array, KZA Kyzart, TKM2 Tokmak 2, KBK Khabaz, ILAR Eielson Array, ARCES ARCES Array B, BRTR Keskin Array B, FINES FINES Array B, KMBO Kilima Mbojo, NB2 NORSAR Subarray, NOA NORSAR Array B, GERES GERES Array B, YKA Yellowknife Arr, TXAR Lajitas Array, PLCA Paso Flores.

CASC 21 18:36:58.8, 0.9, 11.56N-86.33W, h78km, 7km, MD4.0, ML3.9, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CRUN El Crucero, TISN Laguna Tiscapa, XAVN Gruta Xavier, MGAN Managua, COPN Copaltepe, CONN Concepcion, MOMO Momombo, BOAB BOACO BROADBAN, ROAS Rio San Cristobal, CRIN CRIN, JTS JuntasAbangare, JCR Jicaral, JCR Jicaral, CGAZ Cerro Gallo 2, CGAZ Buena Vista, BUS BUS.

ISCJB 21 18:46:44.7, 1.1, 33.76S, 0.05, 72.17W, 0.06, h266km, 9km, mb4.0/5, MS3.4/3, Error ellipse: s-maj=10.0km s-min=6.4km az=41.2

GUC 21 18:46:46.6, 0.6, 33.82S; 72.08W, h36km, 5km, ML4.2, NEIC 21 18:46:47.8, 2.4, 33.74S; 71.98W, h34km, 17km, mb4.4/2, ML4.2(GUC), Error ellipse: s-maj=14.7km s-min=6.4km az=89.0

NEIC Feat [V] at Navidad and [I] at La Estrella, Marchihue, Pichilemu, Rancagua, San Antonio, Villa Alemana and Vina del Mar.

IDC 21 18:46:48.1, 5.1, 33.77S; 71.94W, h35km, 39km, mb3.5/4, mb1 3.9/7, mb1mx3.7/20, mbtmp3.8/7, ML4.0, 3, MS3.5/6, Ms1 3.4/6, ms1mx3.2/17, Error ellipse: s-maj=40.3km s-min=27.2km az=98.0

ISC 21 18:46:45.0, 1.7, 33.75S; 0.05, 72.11W, 0.06, h16km, 10km, n29, c0F60/33, mb4.0/5, MS3.4/3, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LNV Longovio, CHPI Pichilemu, TACH Talagante, RCDM Rinconda Maip, ROCH El Roble, ANTU Antumapu, PEL Peidhue, CLCH Cerro Canal, YECH El Yeso, COCH Cobquecura, LCO Las Campanas, PLCA Paso Flores, PLCA, TRQA Torquiste, LVC Limon Verde, CPUP Villa Florida, LPAZ La Paz, SIV San Ignacio, SAML Samuel, BDFB Brasilia, RCRB Riachuelo, SNAJ San Jose, GSPA South Pole Guj, TXAR Lajitas Array, NVAR Mina Array Bea.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TORD Torodi Ar. Bea, WRA Warramunga Arr, BVAR Borovoye Array, ZALV Zalesovo Beam, MKAR Makanchi Array.

ISCJB 21 18:46:57.9, 0.5, 39.83N, 0.02, 30.35E, 0.03, h2km, 5km, Error ellipse: s-maj=4.2km s-min=3.5km az=137.4

ISK 21 18:46:57.4, 39.83N, 30.35E, h4km, MD2.9, DDA 21 18:46:57.6, 39.83N, 30.35E, h8km, MD3.0, CSEM 21 18:46:58.1, 0.1, 39.83N, 30.35E, h2km, MD3.0, Error ellipse: s-maj=2.5km s-min=2.0km az=37.0

ISC 21 18:46:58.1, 1.0, 39.83N, 0.02, 30.34E, 0.02, h3km, 10km, n67, c0S56/88, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BORA Eskisehir, GPA Golpazari, ESKT Eskisehir, SEYT Eskypehir, CAVI Cavuskoj, GULT Gultergen, TVSB Tavsani, TVSB Tavsani, IZI Iznik, SPNC Sapanca-Adapaz, AUMIH MIHALICIK, BTAS Taskesti, MDUB Mudurnu, IGD Bursa, ULDT Uludag, SVRH Sivrihisar-ESK, HRT Hereke, ORL Orhanelli, BOLV Bolvadin, BOLV Bolvadin, MDNY Mudanya-Bursa, SHUT Suhut-Afyon, SILT Silte, DEMI Demirci, KIZT Kizilcal, ISK Istanbul-Kandi, ISK Istanbul-Kandi, KHAL Karahalli, KHAL Karahalli, KLYT Kilyos, BKGT Bogazkoy, KULA Kula-Manisa, EDC Edincik, AFRS Afar-Bala, MIRMT Mirnara Adasi, KRBG Karabiga-Canak, CORM Corum, KULC Kula, EDRB Edirne.

RSNC 21 18:53:38.7, 1.2, 2.61N-75.72W, h7km, 7km, ML2.3, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BETC Betania, POPC Popayan, Colom, CRUC La Cruz, SJAC San Juan de Ar, TOLC Tolima.

ISCJB 21 19:06:57.0, 0.4, 41.70N, 0.05, 136.73E, 0.06, h300km, mb3.2/10, Error ellipse: s-maj=7.1km s-min=5.7km az=18.7

IDC 21 19:06:57.9, 1.1, 41.69N, 136.74E, h310km, 9km, mb3.0/10, mb1 3.1/14, mb1mx3.0/36, mbtmp3.6/14, Error ellipse: s-maj=20.5km s-min=10.5km az=179.0

JMA 21 19:06:59.6, 0.4, 41.58N, 137.07E, h321km, M3.3, ISC 21 19:06:57.0, 0.6, 41.58N, 0.06, 136.85E, 0.05, h300km, n26, c0S182/30, mb3.2/10, Eastern Sea of Japan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JOSM Okushiri-Mats, JOW Okashi, JKB Kayabe, JOT Ohata, JANG Nango, JYK Kaneyama, JHR Hokuryu, JMR Ichinosaki, USRK Ussuriysk Arr, USRK Ussuriysk Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, PDAR Pinedale Array, NEW Newport, SADO Sadowa, ULM Lac du Bonnet, ULM 2,2m,0.8s,baz=227,slow=20,SNR=3-5, TRIS Tristan da Cun, DLBC Dease Lake, MAW Mawson, YKKA Yellowknife Ar, H1S12 WAKE ISLAND Hy, H1S11 WAKE ISLAND Hy, H1S13 WAKE ISLAND Hy, H1N13 WAKE ISLAND Hy, H1N11 WAKE ISLAND Hy, H1N12 WAKE ISLAND Hy, ASAR Alice Springs, TORD Torodi Ar, CMAR Chiang Mai Ar, ZALV Zalesovo Beam, BRTR Keskin Ar.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GZT Gaziantep, MALT Malatya, AKCD Akcadag, AKCD Akcadag, ELZG Elazig, SVRC Sivrice-ELAZID, SVRC Sivrice-ELAZID, KMRS Kahramanmaraş, HCB Kahramanmaraş, DARE Darendale-Malatya, DARE Darendale-Malatya, KUZU Kuzuni, KUZU Kuzuni, DYBB Diyarbakir, KAMA Osmaniye, PINB Pinarbasi, DIY Diyarbakir, PTK Pertek, MAZI Mazidag, MAZI Mazidag, SARI Sardiz-Kayseri, ILIC ilic-Erzincan, ILIC ilic-Erzincan, CUKAN kangal_SIVAS, CUKAN kangal_SIVAS, PINB Pinarbasi, PINB Pinarbasi, KOZT Koazan, KOZT Koazan, TAHT Tahtakopru-Hat, TAHT Tahtakopru-Hat, BNN Bunyan, BNN Bunyan, SVSK Karacayir, SVSK Karacayir.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NPS Neapolis, NPS Neapolis, AMS Artemida-Makis, AMS Artemida-Makis, GUR Goura, GUR Goura, LTK Loutraki, LTK Loutraki, ATHU Athens Unvers, ATHU Athens Unvers, THAL Thaler, THAL Thaler, APE Apeiranthos, APE Apeiranthos, PTL Penteli, PTL Penteli, KLV Kalavryta, Ach, KLV Kalavryta, Ach, KLV Kalavryta, Ach, KLV Kalavryta, Ach, PTL Penteli, PTL Penteli, DES Desfina, DES Desfina, DES Desfina, DES Desfina, KALE Kalithea, KALE Kalithea, ANX Ano Chora, ANX Ano Chora, ANX Ano Chora.

ISCJB 21 21:53:42.70.4.0.37:85N.0.03:27:31E.0.03,h4km,6km, Error ellipse: s-maj=5.0km s-min=3.9km az=135.5 CSEM 21 21:53:42.9.0.2.37:85N.0.03:27:32E,h5km,MD2.6, Error ellipse: s-maj=5.2km s-min=3.7km az=77.0 ISK 21 21:53:42.9.37:87N.27:39E,h9km,MD2.8 DDA 21 21:53:42.2.0.1.37:55N.38:46E,h2km,MD2.6 ISC 21 21:53:42.7.1.0.37:85N.0.02:27:31E.0.02,h6km,10km, n39,c0F43/53,Turkey

ISCJB 21 22:31:45.0.0.6.43:21N.0.04:105:89W.0.04,h0km, Error ellipse: s-maj=6.1km s-min=3.9km az=16.9 NEIC 21 22:31:45.8.0.0.43:25N.105:50W,h0km,MD2.6 Error ellipse: s-maj=10.7km s-min=3.8km az=43.0 Mining explosion. NEIC 130 [26 miles] ESE of Midwest. ISC 21 22:31:46.0.0.9.43:25N.0.04:105:83W.0.04,h0km,n13,c110/31,Wyoming

IDC 21 22:50:24.6.1.4.24:91N.127:89E,h0km,mb3.8/4, mb1.4/0.5,mb1mx3.6/45,mbtm3.8/5,ML3.5/1,MS3.3/3, Ms1.3.3/3,ms1mx2.7/43, Error ellipse: s-maj=59.9km s-min=20.9km az=71.0 JMA 21 22:50:27.9.0.3.25:00N.127:99E,h69km,M3.7 NEIC 21 22:50:29.0.3.25:00N.128:12E,h31km,24km,mb4.2/3, Error ellipse: s-maj=15.7km s-min=11.4km az=109.0 ISC 21 22:50:25.5.2.1.24:97N.0.06:128:03E.0.05,h12km,13km, n44,c16/44,mb3.9/7,Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GCAM G?zelcaml?, GCAM G?zelcaml?, DGB zmir, DGB zmir, AYBD Zeytinokoy-Aydi, AYBD Zeytinokoy-Aydi, AYBD Zeytinokoy-Aydi, AYDN Tasoluk, AYDN Tasoluk, IZM Izmir, IZM Izmir, MLSB Milas, MLSB Milas, URLA Izmir, URLA Izmir, BODT Bodrum, BODT Bodrum, BDRM Kayabasi, BDRM Kayabasi, YER Yerkesik, YER Yerkesik, AKHS Akhisar, AKHS Akhisar, AKHS Akhisar, AKS Akhisar, AKS Akhisar, MANT Manisa, MANT Manisa, KULA Kula-Manisa, KULA Kula-Manisa, DKL Dikili, DKL Dikili, AYVA Ayvalik, AYVA Ayvalik, APE Apeiranthos, APE Apeiranthos, BALB Balikesir, BALB Balikesir, BALY Balya, BALY Balya, TVSB Tavsani, TVSB Tavsani.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like K22A Casper, K22A Casper, PHWY Pilot Hill, PHWY Pilot Hill, N23A Red Feather La, N23A Red Feather La, BW06 Boulder Array, BW06 Boulder Array, LOHW Long Hollow, LOHW Long Hollow, SNOW Snow King Moun, SNOW Snow King Moun, MOOW Moose Ponds, MOOW Moose Ponds, REDW Red Top Meadow, REDW Red Top Meadow, AHID Auburn Hatcher, AHID Auburn Hatcher, SRU San Rafael Swe, SRU San Rafael Swe, SRU Eagleton, SRU Eagleton, EGMT Eagleton, EGMT Eagleton, ECSD EROS Data Cent, ECSD EROS Data Cent.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JNT2 Nagagusuku, JNT2 Nagagusuku, JNTH Tagayohara, JNTH Tagayohara, KJKE Kume jima 2, KJKE Kume jima 2, JAGN Aguni-jima, JAGN Aguni-jima, JOW Kunigami, JOW Kunigami, JOW Kunigami, JOW Kunigami, JIH Iheya, JIH Iheya, JOGS Gusukube, JOGS Gusukube, JOKE Okinoerabujima, JOKE Okinoerabujima, JMI Miyako jima 2, JMI Miyako jima 2, JIKM Ikemajima, JIKM Ikemajima, JIRB Irabujima, JIRB Irabujima, JTK Tokunoshima, JTK Tokunoshima, JMT Manamidaito 2, JMT Manamidaito 2, JMZ Tarama, JMZ Tarama, JTJ Oshima, JTJ Oshima, JISG Ishigakijimah, JISG Ishigakijimah, JAMN Amaminishikomi, JAMN Amaminishikomi, JIJ Ishigaki jima, JIJ Ishigaki jima, JAM Amami Oshima, JAM Amami Oshima, JKRS Kuro-shima, JKRS Kuro-shima, NACB Ninganchiao, NACB Ninganchiao, JNU Nakatsue, JNU Nakatsue, JNU Oshima, JNU Oshima, KSRS Korey Array, KSRS Korey Array, JCJ Chichijima, JCJ Chichijima, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, WRA Waramungara Ar, WRA Waramungara Ar, KURK Kurchatov, KURK Kurchatov, ASAR Alice Springs, ASAR Alice Springs, ILAR Eielson Array, ILAR Eielson Array, KIV Kirovsk, KIV Kirovsk, MORC Moravsky Berou, MORC Moravsky Berou, PPT Papeete, PPT Papeete.

MAN 21 22:23:02.12:71N.123:04E,h12km,mb4.5,ML3.4,MS3.3, 3C-2D,Luzon Code Station Name Az Az' Phase ID Time Res ISC

ATH 21 22:37:24.5.35:69N.22:98E,h44km,1km,MD3.5/18 ISCJB 21 22:37:25.0.0.7.35:68N.0.06:23:03E.0.07,h42km,12km, Error ellipse: s-maj=12.9km s-min=4.4km az=44.9 CSEM 21 22:37:25.0.0.3.35:69N.23:04E,h30km,MD3.5, Error ellipse: s-maj=10.7km s-min=3.8km az=43.0 THE 21 22:37:26.5.35:66N.23:00E,h20km,1km,ML3.0/7, Error ellipse: s-maj=2.5km s-min=0.8km az=52.0 ISC 21 22:37:27.1.1.2.35:72N.0.04:23:08E.0.04,h31km,gkm, n73,c111/92,Crete

ISC 21 22:54:14.6.38:62N.42:21E,h5km,MD2.9 ISCJB 21 22:54:15.4.0.7.38:61N.0.03:42:20E.0.04,h2km,5km, Error ellipse: s-maj=6.0km s-min=4.0km az=162.1 CSEM 21 22:54:15.3.0.2.38:63N.42:22E,h2km,MD2.9, Error ellipse: s-maj=5.0km s-min=4.1km az=67.0 DDA 21 22:54:15.3.38:59N.42:17E,h6km,MD2.9 ISC 21 22:54:14.5.0.1.38:61N.0.02:42:21E.0.03,h3km,10km, n32,c0F58/45,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MMPH Masbate, MMPH Masbate, AUOP San Andres, AUOP San Andres, OTRP Odiongan, OTRP Odiongan, RCP Roxas, RCP Roxas, GOP Guinayangan, GOP Guinayangan, BOAC Boac, BOAC Boac, VPVC Virac, VPVC Virac, SJPJ San Jose, SJPJ San Jose, LOP Lukban, LOP Lukban, GUIM Jordan, GUIM Jordan, JAP San Jose, Anti, JAP San Jose, Anti, OCLP Ormoc, OCLP Ormoc, LLP Lapu-Lapu, LLP Lapu-Lapu, CUYO Cuyo Island, CUYO Cuyo Island, BUSP Coron, BUSP Coron, MSPL Maasin, MSPL Maasin, BALP Baler, BALP Baler, ENPP El Nido, ENPP El Nido.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANKY Antikythira Is, ANKY Antikythira Is, ANKY Antikythira Is, ANKY Antikythira Is, IMMV Iera Moni Meta, IMMV Iera Moni Meta, IMMV Iera Moni Meta, IMMV Iera Moni Meta, VAM Vamos, VAM Vamos, VAM Vamos, VAM Vamos, VLI Veliai, VLI Veliai, VLI Veliai, VLI Veliai, GVD Gavdhos, GVD Gavdhos, MHLO Agia Marina, M, MHLO Agia Marina, M, ANKY Antikythira Is, ANKY Antikythira Is, IDI Anoyia, IDI Anoyia, SIVA Sivas, SIVA Sivas, PYL PYLOS, PYL PYLOS, PYL PYLOS, KRND KRANIDI, KRND KRANIDI, KRND KRANIDI, ITM Ithomi, ITM Ithomi, VLI Vlachokerasia, VLI Vlachokerasia, VLV Vlachokerasia, VLV Vlachokerasia, SERRI Serifos, SERRI Serifos, SANTI Santorini, SANTI Santorini, LAST Lasithi, LAST Lasithi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TATV Tatvan, TATV Tatvan, EKAR Karacoban, EKAR Karacoban, EKAR Karacoban, EKAR Karacoban, GEVA Gevas, GEVA Gevas, GEVA Gevas, GEVA Gevas, BINGOL BINGOL, BINGOL BINGOL, TUTA Tutak, TUTA Tutak, TVAN Van, TVAN Van, SIRT Sirmak, SIRT Sirmak, SIRT Sirmak, SIRT Sirmak, SIRR S-rnak, SIRR S-rnak, SIRR S-rnak, VMUR Van-Muradiye, VMUR Van-Muradiye.

22d Oh

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like AGRB Hanur-Agry, ERZM Erzurum, etc.

DDA 21 23:09:57.3, 40°31'N, 33°47'E, h7km, Md3.1
CSEM 21 23:09:58.0, 40°31'N, 33°47'E, h2km, MD3.1, Error

ISK 21 23:09:58.0, 40°46'N, 33°20'E, h5km, MD2.7
PETK 21 23:09:58.0, 40°38'N, 03°33'E, h9km, 8km,

Main station list for Turkey with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes ELDT Eldivan, CANT Cankiri, etc.

ISC 21 23:24:55.1, 1.5, 19.64S, 168.56E, h0km, mb4.2/10

NEIC 21 23:24:58.5, 0.4, 19.65S, 168.59E, h10km, mb4.4/6, Error

ISC 21 23:24:58.5, 0.6, 19.63S, 0.09, 168.5E, 0.1, h33km,

ISC 21 23:25:00.2, 0.7, 19.7S, 0.1, 168.6E, 0.1, h35km, n21,

comp=87/20, mb4.2/17, Vanuatu Islands

Main station list for Vanuatu Islands with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes DZM Mont Dzumac, URZ Urewera, etc.

ISC 21 23:35:34.6, 1.6, 36.77N, 0.09, 28.25E, 0.08, h57km, 11km,

CSEM 21 23:35:34.5, 0.9, 36.74N, 28.27E, h55km, 8km, MD2.7,

DDA 21 23:35:34.5, 36.83N, 28.16E, h62km, MD2.7

ISC 21 23:35:33.9, 2.6, 36.7N, 0.1, 28.27E, 0.06, h61km, 14km,

Main station list for Dodecanese Islands with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes TURN Turunc, YER Yerkesik, etc.

2011 JAN

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes BODT Bodrum, AYDN Tasoluk, etc.

ISC 21 23:39:35.1, 1.0, 39.57N, 0.04, 40.99E, 0.08, h26km, 7km,

CSEM 21 23:39:35.1, 0.3, 39.45N, 41.05E, h5km, MD2.6, Error

ISC 21 23:39:35.2, 39.52N, 41.19E, h4km, MD2.5

ISC 21 23:39:35.1, 0.9, 39.49N, 0.03, 41.06E, 0.03, h16km, 7km,

n14, r17/26, Turkey

Main station list for Turkey (continued) with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes ECAT Cat-ERZURUM, VRTB Varto-Mus, etc.

ISC 21 23:52:55.7, 0.8, 20.77S, 0.05, 69.1W, 0.1, h119km, 10km,

ISC 21 23:52:56.0, 0.8, 20.78S, 69.18W, h110km, 6km, ML3.5

ISC 21 23:52:58.8, 1.6, 20.87S, 68.66W, h116km, 16km, mb3.0/1,

ISC 21 23:52:56.3, 1.0, 20.72S, 0.05, 69.0W, 0.1, h107km, 11km,

n11, r13/218, Northern Chile

Main station list for Northern Chile with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes PB01 IPOC Station P, PSGC Pisagua, etc.

ISC 20 00:02:02.9, 0.8, 33.58S, 178.42W, h0km, mb4.6/4,

NEIC 20 00:02:03.8, 2.9, 33.57S, 178.43W, h5km, 17km, mb4.6/8,

ISC 20 00:02:06.1, 0.7, 33.76S, 0.05, 178.4W, 0.1, h41km,

ISC 20 00:02:08.5, 0.6, 33.59S, 0.06, 178.5W, 0.1, h41km, n43,

r148/54, mb4.7/12, I.C., South of Kermadec Islands

Main station list for South of Kermadec Islands with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes RAO Raoul Island, PKGZ Pakihoroa, etc.

1094

Main station list for 1094 with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes ASAR, WRAB Warramunga Arr, etc.

GUC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

ISC 22 00:06:01.8, 0.5, 22.25S, 67.67W, h190km, 11km, ML3.9,

NEIC 22 00:15:11.8.1.6.36:08N-71:33E,h17km,17km,mb4.0/9,
 Error ellipse: s-maj=13.7km s-min=10.1km az=209.0
 IDC 22 00:15:11.4.6.4.36:15N-71:37E,h64km,61km,mb3.4/4,
 m1 3.5/9,mb1mx3.2/56,mbtmp3.7/9,ML3.4/5,MS3.9/2,
 M1 3.9/2,ms1mx2.8/36,Error ellipse: s-maj=58.5km
 s-min=41.3km az=123.0
 ISCJB 22 00:15:14.6.0.6.36:32N-0.05:71:42E,0.08,h119km,
 mb4.0/12,Error ellipse: s-maj=9.8km s-min=6.1km
 az=27.1
 NNC 22 00:15:19.9.3.6.36:76N-71:06E,h126km,60km,mb3.1,
 mpv3.9,Error ellipse: s-maj=28.7km s-min=24.7km
 az=25.0

ISC 22 00:15:16.1.0.7.36:36N-0.06:71:41E,0.09,h119km,n42,
 s165/47,mb4.0/12,6C-SD,Afghanistan-Tajikistan
 border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
AML	Almayashu	6.03	16	Op	ISC	00 16 43.6	+0.4
MNAS	Manas	6.17	8	↑P	Pn	00 16 43.6	-1.3
MNAS				↓S	Sn	00 17 50.0	-4.3
UNAS				↑S	Sn	00 16 48.3	+0.9
KZA	Kyzart	6.44	26	P	Pn	00 16 49.5	+0.8
EKS2	Erkin-Say	6.55	15	P	Pn	00 16 50.4	+0.4
EKS2	Erkin-Say	6.55	15	ePn	Pn	00 16 50.0	0.0
AAK	Ala-Archa	6.70	20	↑P	Pn	00 16 51.5	-0.5
AAK	Ala-Archa	6.70	20	↓P	Pn	00 18 05.8	-1.2
AAK	Ala-Archa	6.70	20	↑S	Sn	00 18 04.8	-2.2
AAK	Ala-Archa	6.70	20	ePn	Pn	00 16 52.9	+0.8
AAK	Ala-Archa	6.70	20	eS	Sn	00 16 08.8	+1.8
AAK	Ala-Archa	6.70	20	ePn	Pn	00 16 51.9	-1.0
KK31	Karatay Array	6.77	354	↑P	Pn	00 18 04.0	-4.5
KKAR	Karatay Array	6.77	354	ePn	Pn	00 16 52.2	-0.7
KKAR	Karatay Array	6.77	354	ePn	Pn	00 18 09.8	+1.3
KBK	Karagaybulak	6.85	22	P	Sn	00 16 55.4	+1.2
CHMS	Chumysh	7.11	20	P	Pn	00 16 58.1	+0.6
USP	Ospenovka	7.29	18	P	Pn	00 16 57.2	-2.7
TKM2	Tokmak 2	7.30	25	↑P	Pn	00 17 00.5	+0.2
TKM2	Tokmak 2	7.30	25	↓P	Pn	00 18 21.3	-0.4
TKM2	Tokmak 2	7.30	25	P	Pn	00 17 00.9	+0.6
TKM2	Tokmak 2	7.30	25	P	Pn	00 17 00.2	-0.1
MK31	Makanchi Array	13.21	35	↑P	Pn	00 18 19.1	+0.1
MKAR	Makanchi Array	13.21	35	P	Pn	00 18 19.3	+0.3
KURB	Kurchatov Arr	15.26	18	P	Pn	00 18 45.3	-0.6
KURK	Kurchatov	15.26	18	ePn	Pn	00 18 45.6	+0.7
AB31	Akbulak array	15.27	331	P	Pn	00 18 44.3	-2.1
AB31	Akbulak array	15.27	331	ePn	Pn	00 21 24.7	-1.2
ABKAR	Akbulak array	15.27	331	ePn	Pn	00 18 44.6	-1.8
BVAR	Borovoye Array	16.68	358	P	Pn	00 19 03.8	+1.0
AKTO	Aktyubinsk	17.07	30	P	Pn	00 19 07.2	-0.1
AKTO	Aktyubinsk	17.07	30	↑P	Pn	00 19 06.3	-0.8
ZALV	Zalesovo Beam	19.90	24	Pn	Pn	00 19 39.8	-1.0
GNI	Garni	21.25	288	eP	P	00 19 52.0	0.0
ARU	Arti	21.87	341	eP	P	00 20 03.2	+4.1
KIV	Kislovodsk	23.14	298	eP	Pn	00 20 12.8	+0.8
PALK	Pallekele	30.17	161	eP	Pn	00 21 13.5	-1.6
BJT	Baijittauu	35.09	70	eP	Pn	00 21 58.8	+1.1
FINES	FINES Array B	37.78	326	P	Pn	00 22 22.8	+2.5
PSZ	Piszkesteto	39.23	304	eP	Pn	00 22 34.8	+2.1
NOA	NORSAR Array B	44.69	323	P	Pn	00 23 19.3	+2.5
MBAR	Mbarara	52.70	235	eP	Pn	00 24 17.1	-1.7
COCO	West Island	53.92	149	eP	Pn	00 24 26.5	-0.9
JCJ	Chichijima	59.71	77	LR	LR	00 53 43.5	
PETK	Petropavlovsk-	59.84	44	LR	LR	00 51 23.4	
TORD	Torodi Arr. Be	66.05	269	P	Pn	00 25 50.7	+0.3
TSUM	Tsumeb	75.09	232	eP	Pn	00 26 45.2	-0.1

CASC 22 00:18:43.1.1.5.12:73N-90:10W,h13km,14km,MD3.9,
 ML3.6
 ISCJB 22 00:18:44.0.1.2.12:70N-0.07:90:10W,0.07,h59km,11km,
 mb4.0/5,MS3.1/1,Error ellipse: s-maj=15.1km
 s-min=6.7km az=40.7
 IDC 22 00:18:51.2.3.8.13:28N-89:68W,h81km,37km,mb3.5/6,
 m1 3.8/8,mb1mx3.5/36,mbtmp3.9/8,MS3.2/1,
 ms1mx2.6/25,Error ellipse: s-maj=70.0km s-min=20.9km
 az=31.0
 ISC 22 00:18:45.1.2.9.12.8N-0.10:90:10W,0.1,h54km,23km,n28,
 s116/34,mb4.0/5,4C-1D,Off coast of central America

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
SBL5	San Blas	1.18	251	eP	Pn	00 19 04.8	-0.8
SBL5				eS	Sn	00 19 21.3	+0.6
MONT	Ecomontaa	1.21	23	eP	Pn	00 19 04.6	-1.0
COL5	Colinas	1.25	42	eP	Pn	00 19 28.3	+1.5
RJUE	San Jose	1.21	251	eP	Pn	00 19 05.0	-1.0
RTR	El Retiro	1.22	23	eP	Pn	00 19 05.3	-0.8
RTR				eS	Pn	00 19 23.0	+1.3
SNET	Serv Nac Est T	1.27	44	eP	Pn	00 19 05.3	-1.3
SNET				AML	AML	00 19 28.2	
BOQS	Boqueron	1.27	40	eP	Pn	00 19 05.7	-1.1
BOQS				eS	Pn	00 19 23.6	+0.6
LFRS	El Faro	1.34	501	eP	Pn	00 19 06.7	-1.0
LBR5	Las Brisas	1.43	471	eP	Pn	00 19 08.4	-0.5
LBR5				eS	Pn	00 19 28.3	+1.6
SNVI	San Vicente	1.51	56	eP	Pn	00 19 09.2	-0.8
SNVI				eS	Pn	00 19 30.3	+1.6
TECA	Tecapa	1.74	651	eP	Pn	00 19 12.5	-0.7
PACA	Pacayal	1.89	68	eP	Pn	00 19 14.5	-0.7
LCY	Lacayo	1.90	70	eP	Pn	00 19 15.3	0.0
VSM	San Miguel	1.92	70	eP	Pn	00 19 15.7	0.0
VSM				eS	Pn	00 19 41.6	+2.7
CAHU	Cacahuatiqu	2.19	62	eP	Pn	00 19 18.3	0.0
CNCH	Conchagua	2.29	77	eP	Pn	00 19 19.9	-0.7
CRIN	San Cristobal	3.00	91	eP	Pn	00 19 30.6	+0.3
CRIN				eS	Pn	00 20 04.5	+0.3
COPN	Copaltepe	3.50	99	eP	Pn	00 19 37.5	+0.1
COPN				eS	Pn	00 20 16.4	-0.9
COPN				AML	AML	00 20 20.8	
MOMN	Motomoto	3.52	95	eP	Pn	00 19 38.1	+0.7
MOMN				eS	Pn	00 20 16.4	-1.4
CMIG	Matias Romero	6.29	314	P	Pn	00 20 19.8	+4.4

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
CMIG	comp=Z,0.8nm,0.3s,baz=117,slow=13,SNR=7.2			S	Sn	00 21 34.0	+8.0
SDV	Santo Domingo 19.53 99 P Pn					00 23 09.4	-0.8
TXAR	Lajitas Array 20.74 325 P Pn					00 23 24.0	-0.3
TKL	Tuckaleechee C 23.50 13 LR					00 33 33.7	
NVAR	Mina Array Bas 35.77 321 P P					00 25 41.9	+2.6
ULM	Lac du Bonnet 37.67 354 P P					00 25 53.9	-1.2
SCHO	Schefferville 45.77 29 P P					00 26 59.8	-1.4
YKA	Yellowknife Arr 52.65 346 P P					00 27 53.7	+0.1
TORD	Torodi Arr. Be 66.05 269 P P					00 31 34.6	+0.2

ISCJB 22 00:19:02.5.1.2.5:52S-0:09:147:3E,0.2,h170km,
 mb3.7/4,Error ellipse: s-maj=32.0km s-min=12.1km
 az=9.0
 IDC 22 00:19:04.1.8.5:63S-147:44E,h179km,18km,mb3.5/4,
 m1 3.8/6,mb1mx3.4/40,mbtmp4.0/6,Error ellipse:
 s-maj=40.1km s-min=14.1km az=114.0
 ISC 22 00:19:03.5.1.1:53S-147:44E,0.3,h170km,n8,
 s671/11,mb3.9/4,Eastern New Guinea region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
PMG	Port Moresby	3.85	183	Op	ISC	00 20 03.4	+0.9
PMG				S	Sn	00 20 47.5	-0.9
WRA	Warrungarra Arr	19.12	220	P	P	00 23 13.9	+0.2
WRA				PcP	P	00 27 30.6	0.0
ASAR	Alice Springs	22.20	214	P	P	00 23 46.8	+0.5
ASAR				S	S	00 27 37.7	-0.7
FITZ	Fitzroy Crossi	24.62	238	P	P	00 24 08.5	+0.1
MKAR	Makanchi Array	77.37	320	P	P	00 30 39.9	+0.3
ILAR	Eielson Array	84.22	33	P	P	00 31 18.9	-0.1
GERES	GERES Array B	121.73	326	PKP	PKPdf	00 37 37.5	0.0
TORD	Torodi Arr. Be	145.32	285	PKP	PKPdf	00 38 21.0	-1.1

CSEM 22 00:19:24.7.0.2.39:34N-20:94E,h16km,1km,MD2.9,
 Error ellipse: s-maj=6.3km s-min=3.4km az=59.0
 ATH 22 00:19:24.8.39:33N-20:93E,h23km,2km,MD2.9/13,
 Greece-Albania border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
DSL	Palaion Dassel	0.23	147	ePb	Pb	00 19 30.1	-0.7
DSL				eSb	Sb	00 19 34.7	-0.1
DSL	Palaion Dassel	0.23	147	ePb	Pb	00 19 30.1	-0.7
JAN	Janina	0.33	349	ePb	Pb	00 19 37.8	+0.5
JAN	Janina	0.33	349	ePb	Pb	00 19 37.8	+0.5
JAN	Janina	0.33	349	ePb	Pb	00 19 31.9	-0.4
JAN	Janina	0.33	349	ePb	Pb	00 19 37.8	+0.5
IGT	Igoumenitsa	0.51	294	ePn	Pn	00 19 43.6	-0.5
IGT	Igoumenitsa	0.51	294	ePn	Pn	00 19 42.7	-0.1
IGT	Igoumenitsa	0.51	294	ePn	Pn	00 19 42.9	+0.8
LKD2	Lefkada island	0.58	202	ePn	Pn	00 19 36.2	-0.2
LKD2	Lefkada island	0.58	202	ePn	Pn	00 19 36.2	-0.2
SGD	Sagiada	0.61	298	ePn	Pn	00 19 36.8	0.0
SGD	Sagiada	0.61	298	ePn	Pn	00 19 46.0	+1.0
SGD	Sagiada	0.61	298	ePn	Pn	00 19 36.8	0.0
SGD	Sagiada	0.61	298	ePn	Pn	00 19 46.0	+1.0
PRO	Prodomos	0.76	165	ePn	Pn	00 19 39.9	-0.2
PDO	PDO	0.76	165	ePn	Pn	00 19 45.7	-0.8
PDO	Prodomos	0.76	165	ePn	Pn	00 19 39.9	-0.2
PDO	Prodomos	0.76	165	ePn	Pn	00 19 50.1	-0.7
EVY	Ervrytina	0.80	121	ePn	Pn	00 19 40.4	+0.2
EVY	Ervrytina	0.80	121	ePn	Pn	00 19 40.4	+0.2
THL	Klokotos Trika	0.87	74	ePn	Pn	00 19 42.7	+0.5
THL	Klokotos Trika	0.87	74	ePn	Pn	00 19 42.1	+0.5
PENT	Pentalofos	0.88	10	ePn	Pn		

22d 1h

2011 JAN

1102

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Y35A Marietta, ANMO Albuquerque, and W30A Crocket Farms.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like U34A Anderson Ranch, SC12 Saro Alencarte, and T30A Plains.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like SMCO Snowmass, FURC Furnace Creek, and ISA Isabella, Lake.

22d 1h

2011 JAN

1104

Table with columns: CODB, Name, Time, Status, Type, and other details. Includes entries like Leavenworth, Lac du Bonnet, Tubuai, etc.

Table with columns: Name, Time, Status, Type, and other details. Includes entries like Tubuai, Coldfoot, Villa Florida, etc.

Table with columns: Name, Time, Status, Type, and other details. Includes entries like Cattabellotta, Tamanrasset, Castrocucco, etc.

comp=Z,1.0nm,0.7s

CASY Casey	124.37 196 LR	LF	LR	01 46 40.0	+8.9
CASY Casey	124.37 196 LR	LF	LR	01 46 40.0	+6.9
TSUM Tsumeb	124.60 103 PFAKE LR	LF	LR	01 46 40.0	+4.7
ASAR Alice Springs	124.94 252 PKP PKPdf	LF	PKPdf	01 46 28.4	-5.2
DAV Davao City (W)	125.74 291 PFAKE LR	LF	LR	01 46 40.0	+4.7
CD2 Chengdu	126.48 330 PKP PKPdf	LF	PKPdf	01 46 32.3	-4.1
CD2 Chengdu	126.48 330 SKS SKSdf	LF	SKSdf	01 49 37.0	-2.8
CD2 Chengdu	126.48 330 SKS SKSdf	LF	SKSdf	01 53 44.1	-4.6
CD2 Chengdu	126.48 330 SS SS	LF	SS	01 55 24.6	-5.8
CD2 Chengdu	126.48 330 AMB AMB	LF	AMB	02 05 34.0	-1.0
CD2 comp=Z,160nm,5.2s	LR LR	LF	LR		
CD2 comp=Z,630nm,13.9s	LR LR	LF	LR		
CD2 comp=Z,1µm,15.9s	LR LR	LF	LR		
CD2 comp=Z,630nm,21.9s	LR LR	LF	LR		
GYA Guiyang	128.51 324 Pdif Pdif	LF	Pdif	01 43 22.0	-3.3
GYA Guiyang	128.51 324 PKP PKPdf	LF	PKPdf	01 46 37.4	-3.1
GYA Guiyang	128.51 324 PP PP	LF	PP	01 48 45.5	+1.0
RAYN Ar Rayn	131.15 38 PFAKE LR	LF	LR	01 46 50.0	+4.5
RAYN Kunming	131.72 327 PKP PKPdf	LF	PKPdf	01 46 43.3	-3.4
KMI KMI	131.72 327 SKP SKPdf	LF	SKPdf	01 46 48.0	
KMI KMI	131.72 327 PP PP	LF	PP	01 49 08.1	+2.7
KMI KMI	131.72 327 PKS SKSdf	LF	SKSdf	01 50 12.5	-1.1
KMI KMI	131.72 327 SKS SKSdf	LF	SKSdf	01 53 52.8	-6.1
KMI KMI	131.72 327 SS SS	LF	SS	02 06 39.0	-1.3
KMI KMI	131.72 327 AMB AMB	LF	AMB		
KMI comp=Z,140nm,4.6s	LR LR	LF	LR		
KMI comp=Z,280nm,15.3s	LR LR	LF	LR		
KMI comp=Z,310nm,15.6s	LR LR	LF	LR		
KMI comp=Z,280nm,16.8s	LR LR	LF	LR		
QIZ Qiongzong	131.93 315 PKP PKPdf	LF	PKPdf	01 46 41.3	-5.7
QIZ Qiongzong	131.93 315 PP PP	LF	PP	01 49 04.8	-2.2
QIZ Qiongzong	131.93 315 SS SS	LF	SS	02 06 44.0	+0.7
QIZ Qiongzong	131.93 315 PFAKE LR	LF	LR	01 47 00.0	+1.3
LSA Lhasa	132.57 342 PFAKE LR	LF	LR	01 47 00.0	+1.1
LSA Lhasa	132.57 342 PFAKE LR	LF	LR	01 47 00.0	+1.1
MBAR Mbarara	133.16 76 PFAKE LR	LF	LR	01 47 00.0	+1.0
MBAR Mbarara	133.16 76 PFAKE LR	LF	LR	01 47 00.0	+1.0
LSZ Lusaka	134.24 96 PFAKE LR	LF	LR	01 47 00.0	+8.5
LSZ Lusaka	134.24 96 PFAKE LR	LF	LR	01 47 00.0	+8.5
KKM Kota Kinabalu	134.51 295 PFAKE LR	LF	LR	01 47 00.0	+7.9
KKM Kota Kinabalu	134.51 295 PFAKE LR	LF	LR	01 47 00.0	+7.9
KAPI Kappang	135.53 279 PFAKE LR	LF	LR	01 47 00.0	+6.2
KAPI Kappang	135.53 279 PFAKE LR	LF	LR	01 47 00.0	+6.2
NWAO Narrogin (SRO)	138.73 238 PFAKE LR	LF	LR	01 47 10.0	+1.1
NWAO Narrogin (SRO)	138.73 238 PFAKE LR	LF	LR	01 47 10.0	+1.1
CHTO Chiang Mai	138.87 325 PFAKE LR	LF	LR	01 47 10.0	+1.0
CHTO Chiang Mai	138.87 325 PFAKE LR	LF	LR	01 47 10.0	+1.0
KMBO Kilima Mbogo	139.40 73 PFAKE LR	LF	LR	01 47 10.0	+8.7
KMBO Kilima Mbogo	139.40 73 PFAKE LR	LF	LR	01 47 10.0	+8.7
KSM Kuching	141.85 293 PFAKE LR	LF	LR	01 47 10.0	+4.5
KSM Kuching	141.85 293 PFAKE LR	LF	LR	01 47 10.0	+4.5
KULM Kulim	147.76 308 PFAKE LR	LF	LR	01 47 20.0	-0.8
KULM Kulim	147.76 308 PFAKE LR	LF	LR	01 47 20.0	-0.8
ABPO Ambohimbanom	152.58 101 PFAKE LR	LF	LR	01 47 30.0	-0.2
ABPO Ambohimbanom	152.58 101 PFAKE LR	LF	LR	01 47 30.0	-0.2
DGAR Diego Garcia	171.25 22 PFAKE LR	LF	LR	01 47 50.0	+7.9
DGAR Diego Garcia	171.25 22 PFAKE LR	LF	LR	01 47 50.0	+7.9

comp=Z,848nm,19.0s

CSEM 22 01:49:30.5:0.3, 43.114N-18.73E, h2km, ML2.0, Error ellipse: s-maj=7.4km s-min=5.3km az=140.0

BEO 22 01:49:32.6:0.4, 43.17N-18.81E, h0km, M2.0/8, Northwestern Balkan Peninsula

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
PDG Podgorica	0.81 156 ePg		Op	01 49 45.5	+2.5
PDG Podgorica	0.81 156 eSg		ISC	01 49 58.7	+0.1
PDG Podgorica	0.81 156 ePg		Op	01 49 45.6	-2.5
PDG Podgorica	0.81 156 eSg		ISC	01 49 58.7	+0.1
BBLs Lazi#263;i	0.82 32 ePg		Op	01 49 48.3	-0.2
BBLs Lazi#263;i	0.82 32 eSg		ISC	01 49 57.6	-1.6
BBLs Lazi#263;i	0.82 32 ePg		Op	01 49 48.3	-0.2
BBLs Lazi#263;i	0.82 32 eSg		ISC	01 49 57.6	-1.6
SJES Sjenica	0.85 83 ePg		Op	01 49 49.0	-0.2
SJES Sjenica	0.85 83 eSg		ISC	01 49 59.8	-0.6
STON Ston	0.87 250 ePg		Op	01 49 44.5	-4.7
STON Ston	0.87 250 eSg		ISC	01 49 57.2	-3.3
STON Ston	0.87 250 ePg		Op	01 49 44.4	-4.8
STON Ston	0.87 250 eSg		ISC	01 49 57.1	-3.3
IVAS Ivanjica	1.06 67 ePg		Op	01 49 51.5	-1.5
IVAS Ivanjica	1.06 67 eSg		ISC	01 50 05.6	-1.3
IVAS Ivanjica	1.06 67 ePg		Op	01 49 51.5	-1.5
IVAS Ivanjica	1.06 67 eSg		ISC	01 50 05.6	-1.3
DIVS Divibare	1.26 42 ePg		Op	01 49 56.1	-0.9
DIVS Divibare	1.26 42 eSg		ISC	01 50 12.4	-1.1
DIVS Divibare	1.26 42 ePg		Op	01 49 56.1	-0.9
DIVS Divibare	1.26 42 eSg		ISC	01 50 12.4	-1.1
TEKS Tekeris	1.47 20 ePg		Op	01 49 59.0	-1.5
TEKS Tekeris	1.47 20 eSg		ISC	01 50 19.4	-0.7
TEKS Tekeris	1.47 20 ePg		Op	01 49 59.0	-1.5
TEKS Tekeris	1.47 20 eSg		ISC	01 50 19.4	-0.7
GRUS Gruza	1.56 62 ePg		Op	01 50 01.5	-0.1
GRUS Gruza	1.56 62 eSg		ISC	01 50 01.5	-0.1
TRUS Trudelj	1.56 47 ePg		Op	01 50 01.4	-0.3
TRUS Trudelj	1.56 47 eSg		ISC	01 50 01.4	-0.3
TRUS Trudelj	1.56 47 ePg		Op	01 50 01.4	-0.3
TRUS Trudelj	1.56 47 eSg		ISC	01 50 01.4	-0.3
BLY Banja Luka	1.97 324 ePg		Op	01 50 06.8	-0.4
BLY Banja Luka	1.97 324 eSg		ISC	01 50 33.4	+0.8
UDBI Udubina	2.59 303 Sn		Op	01 50 51.5	-0.9

IDC 22 01:57:22.4:8.8, 14.28N-103.53W, h0km, mb3.4/4, mb1 3.9/5, mb1mx3.6/35, mbtm3.5/5, ML3.2/1, Error ellipse: s-maj=160.9km s-min=109.7km az=126.0, Off coast of Guerrero

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
H06E1 SOCORRO T-PHAS	8.39 303 T		Op	02 06 16.9	
H06E1 SOCORRO T-PHAS	8.39 303 T		ISC	02 06 16.1	
TXAR Lajitas Array	14.98 360 Pn		Tn	02 00 56.4	+0.8
ANMO Albuquerque	20.75 353 P		P	02 02 05.7	+0.7
NVAR Lima Array Bea	27.38 334 P		P	02 03 09.8	0.0
PDAR Pinedale Array	28.86 351 P		P	02 03 23.1	+0.1
YKA Yellowknife Ar	48.79 353 P		P	02 06 08.5	-0.4

CSEM 22 02:00:45.5:0.2, 41.71N-23.83E, h8km, MD3.2, Error

ellipse: s-maj=3.9km s-min=3.2km az=78.0

ISCJB 22 02:00:45.1, 0.4, 41.71N, 0.02-23.86E, 0.03, h7km, 3km, Error ellipse: s-maj=3.4km s-min=2.9km az=8.2

SOF 22 02:00:45.4, 41.73N-23.92E, h2km

THE 22 02:00:46.1, 41.66N-23.86E, h2km, 1km, ML2.4/8, Error ellipse: s-maj=1.1km s-min=0.6km az=268.0

SKO 22 02:00:46.5, 41.73N-23.83E, h6km

ATH 22 02:00:46.4, 41.61N-23.88E, h17km, 1km, MD3.2/15

BEO 22 02:00:47.5, 0.9, 41.75N-23.86E, h20km, 4km, M2.2/7

ISC 22 02:00:45.6:0.9, 41.70N-0.02-23.89E, 0.02, h11km, 7km, n79, c0554127, 1D, Greece-Bulgaria border region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
MMB Musomiste	0.16 228 I Pg		Op	02 00 49.9	+0.6
NVR Neurokopi	0.34 183 ePB		Pg	02 00 52.3	-0.3
NVR Neurokopi	0.34 183 P		Pg	02 00 57.1	-0.1
NVR Neurokopi	0.34 183 eSb		Pg	02 00 52.3	-0.3
NVR Neurokopi	0.34 183 S		Pg	02 00 57.1	-0.1
SRS Serrai	0.62 201 ePn		Pg	02 00 57.6	-0.1
SRS Serrai	0.62 201 P		Pg	02 00 57.6	-0.1
RZN Rozhen	0.62 90 I Pg		Pg	02 00 57.9	+0.1
KKK Krupnik	0.62 286 I Pg		Pg	02 00 57.6	-0.2
PLD Plovdiv	0.73 56 ePg		Pg	02 01 00.4	0.0
PLD Plovdiv	0.73 56 eSg		Sn	02 01 12.6	-0.5
PLD Plovdiv	0.73 56 ePg		Pg	02 01 00.4	0.0
PLD Plovdiv	0.73 56 I Pg		Pg	02 01 00.5	0.0
KAVA Kavala	0.84 146 ePn		Pg	02 01 01.0	-0.9
KAVA Kavala	0.84 146 eSg		Pg	02 01 12.1	-0.8
KAVA Kavala	0.84 146 P		Pg	02 01 12.0	-0.9
PGB Panagyurishte	0.88 14 I Pg		Pg	02 01 02.2	-0.4
KNT Kendrikon	0.91 235 ePn		Pg	02 01 02.9	-0.4
KNT Kendrikon	0.91 235 P		Pg	02 01 14.6	-0.6
KNT Kendrikon	0.91 235 P		Pg	02 01 02.8	-0.5
KNT Kendrikon	0.91 235 P		Pg	02 01 02.8	-0.5
KNT Kendrikon	0.91 235 eSg		Sn	02 01 14.6	-0.6
KNT Kendrikon	0.91 235 S		Sb	02 01 15.4	-0.2
SOH Sokhos	0.96 205 ePn		Pg	02 01 03.7	-0.5
SOH Sokhos	0.96 205 eSg		Pg	02 01 16.2	-0.5
SOH Sokhos	0.96 205 S		Pg	02 01 16.4	-0.3
SOH Sokhos	0.96 205 P		Pg	02 01 03.7	-0.5
SOH Sokhos	0.96 205 S		Pg	02 01 16.4	-0.3
VITOS Vitosha	1.03 331 I Pg		Pg	02 01 05.3	-0.2
VITOS Vitosha	1.03 331 I Pg		Pg	02 01 05.4	-0.1
VITOS Vitosha	1.03 331 I Pg		Pg	02 01 19.3	+0.2
VITOS Vitosha	1.03 331 P		Pg	02 01 05.3	-0.2
VITOS Vitosha	1.03 331 eSg		Pg	02 01 19.3	+0.2
VITOS Vitosha	1.03 331 P		Sn	02 01 20.8	+0.2
VITOS Vitosha	1.03 331 I Pg		Pg	02 01 05.4	-0.1
VIT Valandovo	1.06 250 P		Pg	02 01 05.9	0.0
VIT Valandovo	1.06 250 S		Sb	02 01 02.0	+0.5
VIT Valandovo	1.06 250 ePg		Pg	02 01 04.9	-1.1
VIT Valandovo	1.06 250 eSg		Pg	02 01 19.2	-0.5
VIT Valandovo	1.06 250 P		Pn	02 01 06.9	+0.6
VIT Valandovo	1.06 250 eSg		Sn	02 01 02.7	-0.7
VIT Valandovo	1.06 250 P		Pb	02 01 05.9	0.0
VIT Valandovo	1.06 250 ePg		Pg	02 01 06.9	+0.6
VIT Valandovo	1.06 250 eSg		Pg	02 01 19.2	-0.5
VIT Valandovo	1.06 250 P		Sb	02 01 20.2	+0.5
KUR Kurdzhalii	1.15 92 I Pg		Pg	02 01 09.4	+0.5
HORT Hortiatis	1.25 209 ePn		Pb	02 01 09.2	+0.2
HORT Hortiatis	1.25 209 eSg		Pg	02 01 25.3	0.0
HORT Hortiatis	1.25 209 P		Pg	02 01 09.0	0.0
HORT Hortiatis	1.25 209 S		Sg	02 01 25.8	0.0
HORT Hortiatis	1.25 209 ePn		Pg	02 01 09.2	+0.2
HORT Hortiatis	1.25 209 P		Pg	02 01 25.3	0.0
THE Thessaloniki	1.27 214 ePn		Pg	02 01 09.3	+0.1
THE Thessaloniki	1.27 214 eSg				

22d 2h

Table with columns for station call letters, location, frequency, and other details. Includes stations like Sao Paulo, Torquist, Paso Flores, Gun Hill, Fort de France, Mount Denham, San Juan, Presa de Saban, Willy Bob, Guantanamo Bay, Grand Turk, Comitan Tepich, Riachuelo, Hargill, New Hope, Encino, Hebronville, Port Lavaca, Benavides, Beeville, Circle Diamond, Laredo, Tilden, Eagle Lake, Kirbyville, Vicksburg, Hockley, Kenedy, Harpers Horsep, Cliffs of the, Smoots Creek, Center Grove, Green Hill Far, Chaparral WMA, La Parita Cree, Leesville, Kings Mountain, Gronson, Sam Houston St, Divot King Ran, Faith Ranch, Huntington, Bastrop, China Grove, Dale, Crockett, Wall Ranch, Saathoff Ranch, Centerville, Gary, Blanco, Tuckaleechee C, Sewanee, Jacksonville, Jarrell, Kerrville, Riesel, Oxford, Washetta, M, Bunkhouse Ranc, Burnet, Moody, Matatal Enter, Katherine and, Irene McRaven, Art, Heron Place, G, Lometa, Junction City, Blacksburg, Lake Whitney, Lake Whitney, Ennis, Mt. Pleasant.

2011 JAN

Table with columns for station call letters, location, frequency, and other details. Includes stations like Richland Sprin, Menard, Pogue Cattle C, Waverly, Lockesburg, Clairette, Sonora, Vickery Place, Idabel, Corbin Frederi, Millersville, Blue Ridge, Rising Star, White-Moore Ra, San Angelo, Hugo, Coleman, Lajitas Array, Perchman, S, Durant, Hamilton Ranch, Whitesboro, Mertzton, Bronte, Clayton, Collier Ranch, Marietta, Poteau, Abilene, Hawle, Abilene, Hawle, Poplar Bluff, Sterling City, Whitaker Ranch, Soldier's Deli, Reagan Ranch, Drake, Wyandotte Cave, Roby, University of, Canehill, Snyder, Wetumka, Mont Chateau, Hilltop Ranch, Millersville, Smith Ranch, Hulbert, Tecumseh, R-V Farms, Ver, Mansfield, Gravette, Jenks, Leonard, Leonard, Blue Knob Sta, Olney, Elmer, Salina, Bloomington, Rekieta Farm, Meyer Ranch, Standing Stone, Lebanon, Olocah, Caddo, Fort Co, Stafford Catti, Guthrie, McDonald Ranch, Bolivar, Cheneyville 18, Stockton, Pawnee, Stockton, Maddies Statio, Lossen Ranch, Coker Ranch, Boggs Farm, Ca, Cornudas Mount, Cornudas Moun, Holdand Ranch, Anderson Ranch, Anderson Ranch.

1106

Table with columns for station call letters, location, frequency, and other details. Includes stations like Sooner Cattle, Arapaho, Chumby, Stover, Fort Scott, Fenwick Farm, Oil Creek Stat, Lingo Farm, Me, Muleshoe, Muleshoe, Laflette, Laux Farm, Aux, McCaskey Farm, Lake Cedric, Spring Creek L, Amarillo, Winter Ranch, Otter Creek Ra, Binghamton, Huelder Farm, Willow Grove F, Cowles Store, C, Paris, Patterson Ranc, Gordon, Harris, Willow Spring, Salisbury, Longview Farm, Troy, Emporia Moun, Huelder Ranch, Mt. Morris Dam, Dawn, Arnold C. Orve, Randall Ranch, Pitcairn Islan, Pitcairn Islan, Isabella, Hill, Mercer Eighty, Lathrop, Oasis Ranch, S, Kirksville, Newby Ranch, P, Cookes Peak, D, Chapman, Kansas State U, Kansas State U, Wolfen Farm, M, Duane Minner, Long Quarter, Hugoton, Montezuma, Bolckow, Middlebury, Walnut Farm, R, Barren Site, Ulysses, Pinos Moun, Lisbon, Meiler Ranch, Lee Faris, Mou, Williams Farm, Humboldt, Mante, Muff Farm, Cla, Ladoro, Cedar Bluff, Cedar Bluff, Cedar Bluff, Beatrice, Ellis, Albuquerque, Lake Ozonia, Trindle Farm, Huiting Farm, Hebron, Flat Rock, Tabor, Matheial, Quinter, State Center, Sadowa, Stockton, Tribune, Felix, Anita, Lincoln.

JFW5	Jewell Farm	57.12 345	eP	P	02 16 34.1 -0.8
TUC	Tucson	57.14 322	P	P	02 16 34.9 -0.4
TUC	Tucson	57.14 322	eP	P	02 16 35.2 -0.1
TUC	comp=Z,14nm,1.4s		LR	LR	
PLVO	Plevna	57.16 357	eP	P	02 16 35.5 +0.5
Q29A	Oakley	57.17 334	P	P	02 16 34.7 -0.7
Q32A	Brockman Farm,	57.26 337	P	P	02 16 34.4 -1.4
T25A	Trinidad	57.30 330	P	P	02 16 35.0 -1.4
N33A	J Bar K, Exete	57.37 338	P	P	02 16 40.3 +3.7
P30A	Selden	57.42 335	P	P	02 16 35.4 -1.6
MNT	Montreal	57.51 360	eP	P	02 16 37.4 0.0
O31A	Woolen Ranch,	57.57 336	P	P	02 16 37.5 -0.6
M34A	Aspy Farms, Fr	57.73 339	P	P	02 16 39.0 -0.2
P29A	Atwood	57.75 335	P	P	02 16 42.7 +3.3
GLMI	Graying	57.78 350	PFAKE	LR	02 16 50.0 +1.1
O30A	MW Ranch, Wils	57.88 336	P	P	02 16 42.8 +2.5
ASCN	Ascension	57.88 92	PFAKE	LR	02 16 50.0 +9.2
KSCO	Kaye Shedlock'	57.99 333	P	P	02 16 42.8 +1.6
KSCO	Kaye Shedlock'	57.99 333	eP	P	02 16 39.6 -1.5
M33A	Taylor Creek F	58.01 339	P	P	02 16 39.4 -1.7
L34A	Svendsen Farm,	58.07 340	P	P	02 16 40.5 -1.0
O29A	ID Ranch, Culb	58.13 335	P	P	02 16 43.2 +1.1
214A	Organ Pipe Nat	58.15 320	P	P	02 16 41.3 -1.0
BGNE	Belgrade	58.21 338	P	P	02 16 44.9 +2.4
BGNE	Belgrade	58.21 338	eP	P	02 16 41.6 -0.9
SDCO	Great Sand Dun	58.31 330	P	P	02 16 43.2 -0.4
SDCO	Great Sand Dun	58.31 330	eP	P	02 16 43.3 -0.4
M31A	Lambrecht Ranch	58.46 337	P	P	02 16 46.1 +1.8
L33A	Hoskins	58.52 339	P	P	02 16 46.8 +1.9
K34A	Le Mars	58.62 340	P	P	02 16 48.0 +2.6
J36A	Geneva 1, Swea	58.65 342	P	P	02 16 48.1 +2.6
N29A	Votaw Ranch, W	58.65 336	P	P	02 16 44.9 -0.8
I38A	Scanlan Farm,	58.72 344	P	P	02 16 44.0 -2.0
K33A	Hardington	58.85 340	P	P	02 16 45.6 -1.3
S22A	4UR Ranch, Cre	58.97 329	P	P	02 16 45.0 -3.2
Q24A	Divide	59.10 331	P	P	02 16 48.2 -1.0
L31A	Butterfield Fa	59.13 338	P	P	02 16 48.9 0.0
M29A	Burnside Ranch	59.21 336	P	P	02 16 49.3 -0.3
K32A	Verdigre	59.24 339	P	P	02 16 51.5 +1.8
OGNE	Ogallala	59.33 335	P	P	02 16 50.5 0.0
OGNE	Ogallala	59.33 335	eP	P	02 16 56.6 +6.2
OGNE	comp=Z,40nm,1.2s		LR	LR	
MVCO	Mesa Verde	59.42 327	P	P	02 16 51.0 -0.3
MVCO	Mesa Verde	59.42 327	eP	P	02 16 51.2 -0.1
M28A	Bar X Bar Ranc	59.44 336	P	P	02 16 52.9 +1.8
J33A	Davis	59.47 340	P	P	02 16 50.1 -1.1
K31A	O'Neill	59.49 338	P	P	02 16 51.0 -0.3
RKT	Rikitea	59.57 250	eLR	LR	02 34 22.2
H36A	Jessenland, He	59.66 343	P	P	02 16 51.8 -0.7
ECSD	EROS Data Cent	59.73 340	P	P	02 16 53.2 +0.2
ECSD	EROS Data Cent	59.73 340	eP	P	02 16 53.2 +0.2
WUAZ	Wupatki	59.76 324	P	P	02 16 52.5 -1.1
WUAZ	Wupatki	59.76 324	eP	P	02 16 53.5 0.0
I34A	Hadley	59.76 341	P	P	02 16 52.1 -1.1
J32A	Parkston	59.82 339	P	P	02 16 52.3 -1.3
K30A	Basset	59.85 338	P	P	02 16 53.4 -0.5
SPMN	Marine on St.	59.95 344	P	P	02 16 53.2 -1.2
SPMN	Marine on St.	59.95 344	eP	P	02 16 53.2 -1.2
ISCO	Idaho Springs	59.98 331	P	P	02 16 53.4 -1.8
ISCO	Idaho Springs	59.98 331	eP	P	02 16 55.1 -0.1
L28A	Connealy Angus	60.02 336	P	P	02 16 53.6 -1.5
H35A	Sunnyside Ranc	60.04 342	P	P	02 16 52.6 -2.5
J31A	Geddes	60.06 339	P	P	02 16 53.1 -2.2
GLA	Glamis	60.14 320	P	P	02 16 55.1 -1.0
SMCO	Snowmass	60.15 330	eP	P	02 16 56.3 -0.2
PV01	Paradox Valley	60.15 328	eP	P	02 16 56.0 -0.3
K29A	Lazy Trails An	60.19 337	P	P	02 16 56.0 -0.2
VLDQ	Vai d'Or	60.24 357	eP	P	02 16 56.5 +0.2
I32A	Karley and Nic	60.27 340	P	P	02 16 55.9 -0.8
H34A	Spellman Ranch	60.30 342	P	P	02 16 55.4 -1.4
J30A	Dallas	60.37 338	P	P	02 16 56.4 -1.0
G35A	Watkins	60.41 343	P	P	02 16 57.7 +0.1
Y12C	Blythe	60.41 321	P	P	02 16 57.5 -0.4
K28A	Ten Mile Ranch	60.55 336	P	P	02 16 58.2 -0.6
PV09	Paradox Valley	60.71 328	eP	P	02 17 01.1 +0.9
F36A	Milaca	60.73 344	P	P	02 17 03.6 +3.4
J29A	Okreek	60.74 338	P	P	02 16 58.8 -1.2
I30A	Oacoma	60.85 338	P	P	02 17 00.4 -0.3
BC3	Big Chuckawall	60.93 320	P	P	02 17 01.9 +0.3
N23A	Red Feather La	61.01 332	P	P	02 17 00.9 -1.2
F35A	Swanville	61.02 343	P	P	02 16 59.8 -1.9
IRM	Iron Mountain	61.08 321	P	P	02 17 02.4 -0.1
J28A	Allard Ranch,	61.10 337	P	P	02 17 02.4 -0.1
SUSD	Miller	61.15 339	P	P	02 17 03.9 +1.3

F34A	Alexandria	61.16 342	P	P	02 17 02.7 -0.1
J27A	Elkhorn Farm,	61.26 336	P	P	02 17 02.4 +0.6
E36A	McGregor	61.26 344	P	P	02 17 02.3 -1.1
PFO	Pinyon Flats O	61.54 319	P	P	02 17 02.7 -3.0
PFO	Pinyon Flats O	61.54 319	eP	P	02 17 05.7 0.0
I28A	Midland	61.57 337	P	P	02 17 02.3 -3.2
E35A	Peck Lakes	61.61 343	P	P	02 17 03.0 -2.8
J26A	Sides Ranch, S	61.73 336	P	P	02 17 05.2 -1.6
GMRC	Granite Mounta	61.80 321	P	P	02 17 05.7 -1.7
G30A	Faultkon	61.81 339	P	P	02 17 05.2 -2.0
SRU	San Rafael Swe	61.89 328	eP	P	02 17 07.6 -0.4
I27A	Quinn	61.96 337	P	P	02 17 07.2 -1.0
H28A	Mission Ridge	61.99 338	P	P	02 17 07.6 -1.5
P18A	Preston Nutter	62.13 328	eP	P	02 17 09.5 -0.3
F31A	Hecla	62.15 340	P	P	02 17 08.5 -0.9
I26A	New Underwood	62.25 336	P	P	02 17 08.6 -1.6
HEC	Hector,Ludlow	62.25 320	P	P	02 17 09.7 -0.7
CCUT	Cedar City	62.32 325	eP	P	02 17 11.6 +0.5
MSU	Marysvale	62.34 326	eP	P	02 17 11.2 0.0
TUQ	Turquoise Moun	62.40 321	P	P	02 17 11.1 -0.3
H27A	Holmes	62.45 337	P	P	02 17 12.4 +0.9
I25A	Rochford	62.59 336	P	P	02 17 12.5 -0.1
SHPR	Sheep Range	62.65 323	eP	P	02 17 13.2 +0.1
E31A	Norco	62.65 341	P	P	02 17 13.0 +0.3
F29A	Eureka	62.66 339	P	P	02 17 13.0 +0.2
BFSC	Mount Baldy Ra	62.71 319	P	P	02 17 13.0 -0.6
C34A	RKJ Ranch, Bem	62.75 344	P	P	02 17 13.8 +0.4
RSSD	Black Hills	62.79 335	P	P	02 17 13.8 -0.2
RSSD	Black Hills	62.79 335	eP	P	02 17 13.4 -0.6
GSC	Goldstone, Bar	62.85 321	P	P	02 17 14.1 0.0
GSC	Goldstone, Bar	62.85 321	eP	P	02 17 14.5 +0.1
SHOC	Shoshone, Teco	62.92 321	P	P	02 17 14.6 -0.2
E30A	Jud	62.93 340	P	P	02 17 15.9 +1.3
MWC	Mount Wilson	62.95 319	eP	P	02 17 15.7 +0.4
G27A	Dupre	63.03 338	P	P	02 17 16.0 +0.7
H25A	Fruitdale	63.03 336	P	P	02 17 15.7 +0.2
G26A	Maurine	63.20 337	P	P	02 17 16.1 -0.4
E29A	Napoleon	63.24 340	P	P	02 17 18.2 +1.5
NLU	North Lily Min	63.33 327	eP	P	02 17 18.3 +0.6
F27A	Leannon	63.48 338	P	P	02 17 18.6 +0.3
LRMC	Laurel Mtn Rad	63.52 320	P	P	02 17 18.8 -0.1
E28A	Huff	63.60 339	P	P	02 17 19.0 -0.1
AGMN	Agassiz Nation	63.60 343	P	P	02 17 18.0 -1.0
AGMN	Agassiz Nation	63.60 343	eP	P	02 17 18.1 -1.0
FURC	Furnace Creek,	63.65 322	P	P	02 17 19.1 -0.4
C31A	Landman Farms,	63.70 342	P	P	02 17 19.1 -0.6
F26A	Lodgepole	63.70 337	P	P	02 17 22.8 +3.0
MPMC	Manual Prospect	63.77 321	P	P	02 17 19.8 -0.8
E27A	Carson	63.79 338	P	P	02 17 20.5 +0.2
C30A	Mose, Pekin	63.85 341	P	P	02 17 22.4 +1.7
B32A	Asht, Strandq	63.88 343	P	P	02 17 19.8 -1.1
DUG	Dugway, Toeole	63.89 327	P	P	02 17 20.6 -0.7
DUG	Dugway, Toeole	63.89 327	eP	P	02 17 21.3 0.0
DUG	comp=Z,263nm,20.0s		LR	LR	
DAC	Dawson (Calif)	63.97 321	eP	P	02 17 21.6 -0.3
F25A	Bowman	64.06 337	P	P	02 17 21.5 -0.7
D28A	Regan	64.09 340	P	P	02 17 22.4 +0.1
R11A	Troy Canyon, C	64.14 324	P	P	02 17 23.4 +0.4
E26A	Carlson Angus	64.15 338	P	P	02 17 22.7 0.0
BW06	Boulder Array	64.16 331	P	P	02 17 25.0 +1.9
BW06	Boulder Array	64.16 331	eP	P	02 17 21.7 -1.3
PD31	Pinedale Array	64.16 331	eP	P	02 17 22.4 -0.7
PDAR	Pinedale Array	64.16 331	P	P	02 17 21.9 -1.2
PDAR	comp=Z,162nm,18.9s,baz=132,slow=38		LR	LR	02 47 20.7
HWUT	Harvey Ranch	64.27 329	eP	P	02 17 23.0 -0.8
MDND	Maddock	64.34 341	P	P	02 17 25.3 +1.4
MDND	Maddock	64.34 341	eP	P	02 17 21.6 -2.3
B30A	Myrvik Farm, E	64.47 342	P	P	02 17 25.6 +0.8
C28A	Hausauer Farms	64.48 340	P	P	02 17 24.7 -0.2
E25A	Miller Ranch,	64.52 337	P	P	02 17 26.5 +1.3
D26A	Manning	64.61 338	P	P	02 17 26.1 +0.4
VES	Vestal, Richgr	64.62 320	P	P	02 17 26.1 +0.1
B29A	Wagenman Farm,	64.80 341	P	P	02 17 26.9 +0.1
C27A	Saylor Ranch,	64.86 339	P	P	02 17 27.5 +0.1
SMCC	Simmler	64.88 319	P	P	02 17 27.7 -0.1
A30A	Hoffart Farm,	64.89 342	P	P	02 17 26.8 -0.7
AHID	Auburn Hatcher	64.90 330	eP	P	02 17 27.5 -0.4
HVU	Hansel Valley	65.02 328	eP	P	02 17 28.0 -0.6
D25A	Fairfield	65.04 338	P	P	02 17 28.9 +0.4
B28A	Dugan Ranch, T	65.11 340	P	P	02 17 29.0 +0.1
A29A	Manning Farm,	65.17 341	P	P	02 17 29.0 -0.2
C26A	Wahner Farm, P	65.17 339	P	P	02 17 29.7 +0.4
REDW	Red Top Meadow	65.23 331	eP	P	02 17 30.0 0.0
MTUM	Tungsten Hills	65.26 321	eP	P	02 17 30.4 +0.1
LOHW	Long Hollow	65.30 331	eP	P	02 17 29.9 -0.6
B27A	Peters Farms,	65.38 340	P	P	02 17 32.6 +1.9

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MJAR, JHJ, JHU, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KMI, KMI, KMI, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KLMR, ARCES, RES, etc.

ISC 22 03:03:43.8... 22 03:03:52.0... 22 03:03:49.1... 22 03:03:52.0... 22 03:03:49.1... 22 03:03:52.0...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COLA College, MESA MESA, ILI Eielson Array, etc.

ISCJB 22 04:26:23.01.0.2477N:0.1412E:0.3, h189km, mb3.4/5, Error ellipse: s-maj=37.9km s-min=13.8km az=20.5

ICC 22 04:26:23.51.6.2477N:11.24E:1.179km, 13km, mb3.2/5, mb1 3.5/6, mb1mx3.0/55, mbtmp3.7/6, Error ellipse: s-maj=32.5km s-min=18.0km az=107.0

ISC 22 04:26:24.51.0.2477N:0.1412E:0.3, h189km, n7, a1506/8, mb3.3/5, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CJC Chichijima, WRA Warramunga Arr, MKAR Makanchi Array, etc.

ISCJB 22 04:31:23.9.0.6.5151N:0.0316E:1.2E:0.03, h0km, Error ellipse: s-maj=4.2km s-min=2.8km az=12.6

CSEM 22 04:31:25.2.0.3.5153N:1.610E: h2km, ML3.3/9, Error ellipse: s-maj=5.0km s-min=3.6km az=1.0

VIE 22 04:31:28.0.4.5130N:16.20E: h0km, mb2.5/2, ml2.7/4, Error ellipse: s-maj=3.1km s-min=2.4km az=95.0, Suspected Mining induced.

ISC 22 04:31:24.5.0.5158N:0.0316E:1.1E:0.02, h0km, n41, a098/80, 2C-3D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, UPIC Upice, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LANS Liptovska Anna, BNSD Bornholm Skovb, BSD Bornholm Skovb, etc.

ISCJB 22 04:34:03.0.3.0.5016N:0.0419E:0.03, h0km, Error ellipse: s-maj=5.9km s-min=2.7km az=10.0

IPEC 22 04:34:04.3.0.2.6017N:12E: h0km, ML1.8/3, Error ellipse: s-maj=2.8km s-min=1.1km az=167.0

CSEM 22 04:34:04.0.0.3.5017N:19.06E: h2km, ML2.8/6, Error ellipse: s-maj=7.4km s-min=3.0km az=8.0

PRU 22 04:34:04.4.5016N:19.05E: h0km

ISC 22 04:34:04.3.0.8.5010N:0.031907E:0.02, h0km, n29, a086/46, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHPZ Chorzow, OJC Ojcow, OJK Ojcow, etc.

BUI 22 04:55:29.3.6.87S:149.91E, h89km, mb4.8/16, mb5.1/14, Ms5.0/6, Ms7.4/75

ISCJB 22 04:55:32.0.0.4.6106S:0.05149E:0.07, h60km, mb4.8/29, MS3.4/4, Error ellipse: s-maj=10.4km s-min=5.5km az=25.0

ICC 22 04:55:35.7.3.0.600S:149.01E, h77km, 26km, mb4.1/10, mb1 4.4/12, mb1mx4.1/30, mbtmp4.5/12, MS3.1/5, Ms1 3.1/5, ms1mx2.9/33, Error ellipse: s-maj=22.8km s-min=14.8km az=89.0

NEIC 22 04:55:38.2.0.9.614S:149.11E, h101km, 9km, mb4.8/11, Error ellipse: s-maj=10.7km s-min=7.5km az=120.0

ISC 22 04:55:34.2.0.5.614S:149.22E:0.08, h60km, n52, a190/63, mb4.8/29, MS3.1/4, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, PMG Port Moresby, PRU Pruhonice, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TPUB Ta-pu, MJAR Matushigohi Arr, KSRS Korea Arr, etc.

ISCJB 22 05:04:49.8.0.5.998S:160.84E, h10km, mb4.6/8, Error ellipse: s-maj=12.7km s-min=8.4km az=114.0

ISCJB 22 05:04:51.4.0.5.1009S:160.80E:0.07, h35km, mb4.2/19, MS3.5/4, Error ellipse: s-maj=10.6km s-min=9.2km az=0.0

ISC 22 05:04:53.0.0.6.1011S:007.16077E:0.09, h35km, n31, a138/31, mb4.2/19, MS3.5/4, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, etc.

CD2		sP	sP	05 55 52.3 -1.8	
CD2		PP	PP	05 56 47.4 -1.6	
CD2		S	S	06 00 47.6 -1.5	
CD2		sS	sS	06 01 11.5 -1.7	
CD2	comp=Z,10.0nm,0.5s	pmax	pmax		
CD2	comp=Z,120nm,5.0s	pmax	pmax		
GYA	Guiyang	33.60 254	eP	P	05 55 38.4 +1.6
GYA			PP	PP	05 55 52.8 +1.3
GYA			pPn	pPn	05 56 01.0 +1.1
GYA			PcP	PcP	05 58 17.6 +1.6
GYA			S	S	06 00 55.4 0.0
GYA			sS	sS	06 01 19.8 +0.3
GYA			ScP	ScP	06 01 56.5 +0.9
GYA			SS	SSn	06 03 01.0 -1.9
GYA			pmax	pmax	
GYA	comp=Z,20nm,0.8s		pmax	pmax	
GYA	comp=Z,120nm,5.4s		LR	LR	
GYA	comp=Z,520nm,17.9s		LR	LR	
GYA	comp=Z,490nm,18.0s		LR	LR	
GYA	comp=Z,540nm,17.6s		LR	LR	
TNA	Tin City	35.68 33	eP	P	05 55 54.8 +0.7
TNA	Wood River Hill				
KMI	Kunming	37.21 255	P	pmax	05 56 08.9 +1.0
KMI			pmax	pmax	
KMI	comp=Z,18nm,0.7s		pmax	pmax	
KMI	comp=Z,170nm,4.8s		pmax	pmax	
SLVN	Son La	38.80 250	eP	P	05 56 21.8 +0.6
SLVN			PP	PP	05 56 44.5 +1.1
NRIK	Noril'sk	39.03 332	P	P	05 56 21.2 -1.2
NRIK	comp=Z,3.1nm,0.5s,baz=82,slow=9.8,SNR=5.6		LR	LR	06 13 26.4
NRIK	comp=Z,136nm,21.0s,baz=74,slow=38		LR	LR	
ZAAO	Zalesovo Array	39.41 308	eP	P	05 56 25.5 -0.3
ZALV	Zalesovo Beam	39.41 308	P	P	05 56 25.5 -0.3
ZALV	comp=Z,22nm,0.7s,baz=89,slow=7.8,SNR=93		PcP	PcP	05 58 32.9 0.0
ZALV	comp=Z,5.9nm,0.6s,baz=97,slow=2.7,SNR=9.2		LR	LR	06 13 45.8
ZALV	comp=Z,81nm,18.6s,baz=70,slow=36		LR	LR	
WMQ	Urumqi	39.76 292	P	PP	05 56 29.0 +0.1
WMQ			PP	PP	05 56 44.5 +1.1
WMQ			sP	sP	05 56 52.8 +1.3
WMQ			PP	PnPn	05 58 06.0 +1.5
WMQ			pmax	pmax	06 02 28.0 -0.8
WMQ	comp=Z,21nm,1.0s		pmax	pmax	
WMQ	comp=Z,64nm,5.0s		LR	LR	
WMQ	comp=Z,71nm,16.0s		LR	LR	
WMQ	comp=Z,110nm,19.0s		LR	LR	
WMQ	comp=Z,120nm,18.0s		LR	LR	
KWAJ	Kwajalein Atol	39.83 140	eP	P	05 56 31.0 +1.4
KWAJ			pmax	pmax	
KWAJ	comp=Z,188nm,1.1s		P	P	05 56 31.0 +1.4
KWAJ	comp=Z,188nm,1.1s		P	P	05 56 32.6 +0.2
NVS	Novosibirsk	40.22 309	eP	P	05 56 57.5
NVS			pmax	pmax	
NVS	comp=Z,9.0nm,0.5s		pmax	pmax	
NVS	comp=Z,6.0nm,0.7s		pmax	pmax	
TTA	Tatalina	40.43 38	eP	P	05 56 36.0 +1.7
TTA			pmax	pmax	
TTA	comp=Z,57nm,2.7s		P	P	05 56 36.0 +1.7
TTA	comp=Z,57nm,2.7s		P	P	05 56 37.3 +1.4
SVW2	Sparrevohn	40.64 41	eP	P	05 56 37.3 +1.4
SVW2	comp=Z,54nm,2.2s		P	P	05 56 48.2 +1.0
OHAK	Old Harbor	42.13 47	eP	P	05 56 48.2 +1.0
OHAK	comp=Z,387nm,2.5s		P	P	05 56 49.8 +1.0
CAST	Castle Rocks	42.21 37	eP	P	05 56 49.8 +1.0
CAST	comp=Z,5.4nm,0.9s		P	P	05 56 51.4 +1.4
SPU	Mount Spurr	42.35 41	eP	P	05 56 50.4 -0.1
KDAD	Kodiak Island	42.43 46	eP	P	05 56 50.4 -0.1
KDAD			pmax	pmax	
KDAD	comp=Z,521nm,2.6s		P	P	05 56 50.0 -0.5
KDAD	Kodiak Island	42.43 46	P	P	05 56 50.4 -0.1
KDAD	comp=Z,138nm,1.6s,SNR=6.6		P	P	05 56 50.4 -0.1
KDAD	Kodiak Island	42.43 46	eP	P	05 56 50.4 -0.1
KDAD	comp=Z,521nm,2.6s		P	P	05 56 51.7 +0.2
MK31	Makanchi Array	42.52 298	eP	P	05 56 51.7 +0.2
MK31	Makanchi Array	42.52 298	eP	P	05 56 51.7 +0.2
MKAR	Makanchi Array	42.52 298	eP	P	05 56 51.3 -0.2
MKAR	comp=Z,18nm,0.8s,baz=83,slow=9.5,SNR=115		PcP	PcP	05 58 43.0 -0.2
MKAR	comp=Z,2.7nm,0.6s,baz=61,slow=2.5,SNR=4.6		LR	LR	06 15 20.1
MKAR	comp=Z,51nm,19.2s,baz=88,slow=37		P	P	05 56 51.7 +0.2
MKAR	Makanchi Array	42.52 298	eP	PcP	05 58 43.0 -0.2
MK01	Makanchi Array	42.52 298	eP	P	05 56 51.7 +0.2
MAKZ	Makanchi	42.72 298	eP	P	05 56 53.3 +0.2
MAKZ			pmax	pmax	
MAKZ	comp=Z,21nm,0.8s		eP	P	05 56 53.2 +0.2
MAKZ	comp=Z,21nm,0.8s		P	P	05 56 54.1 +1.1
KTH	Kantishna Hill	42.73 37	eP	P	05 56 54.6 +1.4
MLY	Mantley	42.76 35	eP	P	05 56 54.3 -0.2
CNPM	China Poot	42.91 43	eP	P	05 56 54.9 +0.2
COLD	Coldfoot	42.96 32	eP	P	05 56 54.9 +0.2
COLD	comp=Z,52nm,2.7s		P	P	05 56 56.0 +0.6
KHON	Khomkaen	42.97 245	P	P	05 56 56.0 +0.6
KHON	comp=Z,16nm,0.8s,comp=Z,802nm		P	P	05 56 56.7 +1.4
TRF	Thorfare Moun	43.02 37	eP	P	05 56 56.7 +1.4
TRF	comp=Z,49nm,2.0s		P	P	05 56 57.6 +0.7
BRLK	Bradley Lake	43.06 43	eP	P	05 56 57.6 +0.7
CMAI	Chiangmai2	43.13 253	P	P	05 56 57.6 +0.2
LSA	Lhasa	43.15 270	eP	P	05 56 57.6 +0.2
LSA			pmax	pmax	
LSA	comp=Z,10.0nm,1.1s		P	P	05 56 57.6 +0.2
LSA	comp=Z,9.7nm,1.1s		P	P	05 56 55.1 -2.3
LOEI	Loei	43.22 248	P	P	05 56 55.1 -2.3
LOEI	comp=Z,17nm,1.1s,comp=Z,957nm		P	P	05 56 58.5 +0.8
PHRA	Phrae	43.26 250	P	P	05 56 58.5 +0.8
PHRA	comp=Z,483nm,1.2s		P	P	05 56 59.4 +0.4
RC01	Rabih Creek A	43.47 41	eP	P	05 57 00.3 +0.3
UTTA	Utтарadit	43.54 249	P	P	05 57 00.3 +0.3
UTTA	comp=Z,129nm,2.6s		P	P	05 57 01.3 +1.3
MCK	McKinley	43.60 37	eP	P	05 57 01.3 +1.3
MCK			pmax	pmax	
MCK	comp=Z,22nm,1.5s		P	P	05 57 01.3 +1.3
MCK	McKinley	43.60 37	eP	P	05 57 01.7 +0.8
LAMP	Lampang	43.66 251	P	P	05 57 01.7 +0.8
RND	Reindeer	43.66 37	eP	P	05 57 01.5 +0.9
RND			pmax	pmax	
RND	comp=Z,48nm,1.9s		eP	P	05 57 01.5 +0.9
RND	comp=Z,48nm,1.9s		eP	P	05 57 01.4 -0.1
KURK	Kurchatov	43.77 304	eP	P	05 57 01.4 -0.1
KURK			pmax	pmax	
KURK	comp=Z,38nm,0.7s		P	P	05 57 01.4 -0.1
KURK	Kurchatov	43.77 304	eP	P	05 57 01.4 -0.1
KURK	comp=Z,334nm,0.8s,SNR=303		P	P	05 57 02.2 +0.5
KURK	Kurchatov	43.77 304	eP	P	05 57 02.4 -0.1
KURK	comp=Z,39nm,0.7s		P	P	05 57 02.4 -0.1
MDI	Murphy Dreck A	43.82 35	eP	P	05 57 02.4 -0.1
MDI	comp=Z,4.9nm,0.8s		P	P	05 57 02.6 +0.2
CHAI	Chaiyaphum	43.85 246	P	P	05 57 02.6 +0.2
CHAI	comp=Z,6.9nm,0.7s,comp=Z,335nm		P	P	05 57 03.5 +0.2
WRH	Wood River Hill	43.92 36	eP	P	05 57 03.5 +0.2
WRH	comp=Z,10nm,1.3s		P	P	05 57 03.5 +0.2
CHTO	Chiang Mai	43.95 252	P	P	05 57 03.5 +0.2
CHTO	comp=Z,66nm,0.8s		eP	P	05 57 03.0 -0.2
CHTO	comp=Z,10.0nm,0.8s		pmax	pmax	

CHTO	Chiang Mai	43.95 252	eP	P	05 57 03.0 -0.2
COLA	College	43.99 35	iP	P	05 57 03.0 0.0
COLA			pmax	pmax	
COLA	comp=Z,4.0nm,0.8s		eP	P	05 57 03.6 +0.6
COLA	College	43.99 35	eP	P	05 57 04.5 +1.1
CCB	Clear Creek Bu	44.03 35	eP	P	05 57 04.5 +1.1
CCB	comp=Z,9.3nm,0.8s		eP	P	05 57 05.1 +1.3
SML	Sawmill	44.06 40	eP	P	05 57 05.1 +1.3
SML			pmax	pmax	
SML	comp=Z,156nm,2.6s		eP	P	05 57 05.1 +1.3
SML	Sawmill	44.06 40	eP	P	05 57 13.5 +9.3
SML	comp=Z,56nm,2.6s		P	P	05 57 05.5 +0.4
PMKT	Sadao Pong	44.07 247	P	P	05 57 13.5 +9.3
CMAR	Chiang Mai Arr	44.18 251	P	P	05 57 05.5 +0.4
CMAR	comp=Z,4.0nm,0.7s,baz=45,slow=7.4,SNR=20		PcP	PcP	05 58 49.8 +0.6
CMAR	comp=Z,0.9nm,0.3s,baz=27,slow=3.5,SNR=4.3		LR	LR	06 15 09.1
CM01	Chiang Mai Arr	44.20 251	eP	P	05 57 05.4 +0.1
SUKH	Sukhothai	44.36 250	P	P	05 57 07.0 +0.4
SUKH	comp=Z,7.0nm,0.8s		P	P	05 57 05.9 -0.5
IL1	Eielson Array	44.41 35	eP	P	05 57 06.2 -0.2
ILAR	Eielson Array	44.41 35	eP	P	05 57 06.2 -0.2
ILAR	comp=Z,3.0nm,0.7s,baz=262,slow=5.3,SNR=27		P	P	05 57 06.6 +0.1
ILB	Eielson Array	44.41 35	eP	P	05 57 05.9 -0.6
HDA	Harding Lake	44.41 36	eP	P	05 57 13.1 +0.8
HDA	comp=Z,18nm,1.5s		P	P	05 57 10.6 -2.4
MHMT	Maesarieng	45.08 252	P	P	05 57 14.7 +1.5
MHMT	comp=Z,13nm,0.7s,comp=Z,448nm		eP	P	05 57 14.6 -1.0
SRAK	Srakawee	45.16 244	P	P	05 57 17.5 +0.2
SRAK	comp=Z,50nm,0.7s		eP	P	05 57 25.6 0.0
KLU	Klutina	45.25 40	eP	P	05 57 27.7 +0.3
KLU	comp=Z,84nm,2.1s		eP	P	05 57 27.7 -0.3
PDGK	Podgornoye	45.54 294	P	P	05 57 31.9 +0.6
PDGK			pmax	pmax	
PDGK	comp=Z,8.0nm,0.7s		P	P	05 57 32.7 -0.2
DOT	Dot Lake	45.77 37	eP	P	05 57 32.7 -0.2
DOT	comp=Z,65nm,1.8s		eP	P	05 57 35.2 -0.3
EGAK	Eagle	46.84 35	eP	P	05 57 34.9 0.0
EGAK	comp=Z,15nm,1.4s		eP	P	05 57 35.6 0.0
TAPN	Tapejlung	46.97 270	eP	P	05 57 35.6 0.0
TAPN	comp=Z,18nm,0.5s		eP	P	05 57 35.3 +0.1
RABL	Rabaul	47.07 167	eP	P	05 57 35.3 +0.1
RABL	comp=Z,95nm,0.6s		eP	P	05 57 35.5 +0.2
ODAN	Odare	47.47 270	eP	P	05 57 35.4 +0.1
ODAN	comp=Z,104nm,0.4s		eP	P	05 57 37.4 -0.3
PHET	Kaeng Krachan	47.57 245	P	P	05 57 38.1 +0.4
PHET	comp=Z,12nm,0.7s		P	P	05 57 38.0 +0.4
CHKZ	Chkalovo	47.69 310	iP	P	05 57 37.9 -0.3
CHKZ			pmax	pmax	
VOSK	Vostochnaya	47.77 309	eP	P	05 57 37.9 -0.3
VOSK			pmax	pmax	
VOSK	comp=Z,14nm,0.8s		eP	P	05 57 39.3 -0.1
VOSK	Vostochnaya	47.77 309	eP	P	05 57 39.3 -0.1
VOSK	comp=Z,13nm,0.8s		eP	P	05 57 38.1 +0.4
RAMM	Ramite	48.01 270	eP	P	05 57 38.0 +0.4
RAMM	comp=Z,32nm,0.5s		eP	P	05 57 37.9 -0.3
BVA0	Borovyoye Array	48.02 309	iP	P	05 57 37.9 -0.3
BVA0			pmax	pmax	
BVA0	comp=Z,9.0nm,0.5s		eP	P	05 57 35.6 0.0
GUN	Gumba	48.02 272	eP	P	05 57 35.6 0.0
GUN	comp=Z,104nm,0.4s		eP	P	05 57 35.3 +0.1
BRVK	Borovyoye	48.06 309	iP	P	05 57 35.3 +0.1
BRVK			pmax	pmax	
BRVK	comp=Z,12nm,0.9s		eP	P	05 57 35.5 +0.2
BRVK	Borovyoye	48.06 309	eP	P	05 57 35.4 +0.1
BRVK	comp=Z,28nm,0.8s,SNR=11		eP	P	05 57 35.4 +0.1
TKM2	Tokmak 2	48.33 295	iP	P	05 57 37.4 -0.3
TKM2			pmax	pmax	
TKM2	comp=Z,19nm,0.6s		P	P	05 57 38.1 +0.4
TKM2	Tokmak 2	48.33 295	P	P	05 57 38.1 +0.4
TKM2	SNR=17		eP	P	05 57 38.0 +0.4
TKM2	comp=Z,28nm,0.8s		eP	P	05 57 37.9 -0.3
OTUK	Ortayay	48.43 303	P	P	05 57 37.9 -0.3
OTUK			pmax	pmax	
OTUK	comp=Z,10.0nm,1.0s		eP	P	05 57 39.3 -0.1
KKN	Kakani	48.52 272	eP	P	05 57 39.3 -0.1
KKN	comp=				

22d 6h

Table with columns: ANN, Anapa, 70.73 313 eP, P, 06 00 07.1 -4.5, etc. Lists various astronomical objects and their properties.

2011 JAN

Table with columns: ARR, J28A, 76.82 320 J/P, P, 06 00 48.4 +1.0, etc. Lists astronomical objects for January 2011.

1114

Table with columns: Q39A, Willow Grove F, 84.38 40 P, P, 06 01 27.9 -0.0, etc. Lists astronomical objects and includes a detailed table of Code, Station Name, Az, Az', Phase ID, Time, Res.

22d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Saint Gilles, Roostren, etc.

ISCJ 22 06:14:54.4-1.0, 33.53N:142.48E, h0km, mb3.5/7, mb1 3.6/9, mb1mx3.5/40, mbtmp3.5/9, ML3.3/2, Error ellipse: s-maj=24.0km s-min=19.9km az=74.0

JMA 22 06:14:56.8-0.4, 33.44N:142.46E, h12km, M3.3 ISCJ 22 06:14:57.2-0.7, 33.52N:142.47E, h0.7, h35km, mb3.5/7, Error ellipse: s-maj=8.9km s-min=6.4km az=137.1

ISC 22 06:14:59.1-1.0, 33.55N:142.52E, h0.08, h35km, n23, r=149/31, mb3.5/7, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Boso 1, Boso 3, etc.

RSNC 22 06:25:32.2-0.9, 4.62N:75.16W, h0km, 10km, ML1.7, Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tolima, Guyana, etc.

ISC 22 06:33:01.6-16.0, 19.66S:178.53W, h579km, 141km, mb3.0/4, mb1 3.3/4, mb1mx2.9/38, mbtmp4.0/4, Error ellipse: s-maj=202.6km s-min=46.8km az=133.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Charters Tower, Warramunga Arr, etc.

ISC 22 06:33:54.0-2.5, 27.16N:143.58E, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.4/45, mbtmp3.6/3, ML3.7/1, Error ellipse: s-maj=43.7km s-min=24.7km az=34.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chichijima, Warramunga Arr, etc.

ISC 22 06:38:46.8-1.5, 9.89S:152.31E, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.8/41, mbtmp3.8/7, ML1.5/1, MS3.4/7, Ms1 3.4/7, ms1mx3.1/27, Error ellipse: s-maj=47.5km s-min=24.3km az=120.0

ISCJ 22 06:38:50.8-1.2, 9.9S:152.1E, h33km, mb3.7/5, MS3.3/6, Error ellipse: s-maj=26.2km s-min=18.2km az=35.6

ISC 22 06:38:52.3-1.3, 9.9S:152.2E, h35km, n12, r=076/8, mb3.7/5, MS3.2/6, D'Entrecasteaux Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, etc.

2011 JAN

Table with columns: STKA, FITZ, URZ, RPZ, PETK, MKAR, ZALV, ILAR, TORO. Includes station names and coordinates.

ISCJ 22 06:39:10.8-0.4, 42.86N:151.53E, h9km, 3km, Error ellipse: s-maj=3.2km s-min=3.1km az=13.8

BEO 22 06:39:10.7-0.6, 42.79N:18.49E, h8km, 2km, M2.3/1 CSEM 22 06:39:11.0-0.2, 42.85N:18.53E, h5km, ML2.6, Error ellipse: s-maj=3.2km s-min=2.7km az=57.0

PDG 22 06:39:11.2-0.2, 42.83N:18.53E, h15km, MD2.6/4, ML2.6/1, Error ellipse: s-maj=0.3km s-min=0.6km az=0.0

ISC 22 06:39:11.7-0.8, 42.83N:18.53E, h0.2, h15km, 5km, n60, r=99/11/12, 14C-12D, Northwestern Balkan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Bratogost, Niksic, etc.

1116

Table with columns: HOPE, SNAH, GSPA, VNSA, LPAZ, TORO, ASAR, NVAR, FINES, YKA, YKAW, ILAR, MCKM, SONGI. Includes station names and coordinates.

ISC 22 06:42:33.9-3.5, 2.49S:118.24W, h0km, mb4.0/6, mb1 4.2/6, mb1mx3.8/41, mbtmp4.0/6, MS3.3/3, Ms1 3.2/3, ms1mx2.8/28, Error ellipse: s-maj=100.4km s-min=71.6km az=125.0, North of Ascension Island

ISC 22 06:58:48.8-1.0, 6.77N:73.12W, h146km, 7km, ML2.2 FUNV 22 06:58:48.8, 6.99N:73.17W, h159km, MW2.5

ISC 22 06:58:45.9-1.5, 6.80N:0.05S:73.07W, h0.05, h166km, 10km, n20, r=142/30, 1C-1D, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASCENSION HYDR, DIMBOKRO, etc.

RSNC 22 06:58:48.8-1.0, 6.77N:73.12W, h146km, 7km, ML2.2 FUNV 22 06:58:48.8, 6.99N:73.17W, h159km, MW2.5

ISC 22 06:58:45.9-1.5, 6.80N:0.05S:73.07W, h0.05, h166km, 10km, n20, r=142/30, 1C-1D, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Barichara, RUSC, etc.

ISCJ 22 06:58:59.0-7.3, 23.72S:0.09E:180.0E:0.1, h535km, mb3.7/9, Error ellipse: s-maj=15.4km s-min=11.4km az=19.1

ISC 22 06:59:00.5-2.9, 23.42S:179.98E, h529km, 31km, mb3.3/9, mb1 3.6/9, mb1mx3.4/25, mbtmp4.1/9, Error ellipse: s-maj=24.7km s-min=18.7km az=158.0

ISC 22 06:59:00.2-0.7, 23.6S:0.1E:180.0E:0.1, h535km, n17, r=183/20, mb3.8/9, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Urewera, PMG, STKA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARCES ARCES Array B, FINES FINES Array B, NB2S NORARS Subarray1, etc.

SCB 22 06:59:56.5-0.6, 14.28S:77.03W, h33km, ML3.9/1, Error ellipse: s-maj=76.6km s-min=13.2km az=20.0
IDC 22 07:00:11.9-1.3, 14.69S:76.03W, h0km, mb3.9/7, mb1 4.2/12, mb1mx4.0/31, mbtmp4.0/12, ML3.8/4, MS3.2/5, Ms1 3.2/5, ms1mx3.0/32, Error ellipse: s-maj=33.0km s-min=14.0km az=49.0
ISCJB 22 07:00:13.5-0.8, 14.92S:0.08:76W:0.09, h29km, mb3.9/10, MS3.0/3, Error ellipse: s-maj=15.9km s-min=6.1km az=44.4
NEIC 22 07:00:17.1-1.0, 14.67S:75.91W, h35km, mb4.2/4, ML4.6(AZ), Error ellipse: s-maj=21.0km s-min=9.9km az=38.0
NEIC Fell (I) at Nazca and Palpa.
ISC 22 07:00:15.3-0.9, 14.89S:0.10:76.1W:0.1, h29km, n39, c148/30, mb4.0/10, MS3.2/3, Near coast of Peru

Main table for station data, including stations like NNA Nana, LPAZ La Paz, LVC Limon Verde, etc. with their respective coordinates and parameters.

IDC 22 07:01:06.4-3.6, 19.07S:177.77W, h597km, 4.2km, mb3.3/3, mb1 3.5/3, mb1mx3.0/25, mbtmp4.3/3, Error ellipse: s-maj=98.6km s-min=23.9km az=154.0, Fiji Islands region

Table for station data in the Fiji Islands region, including stations like STKA Stephens Creek, WRA Warramunga Arr, etc.

ISCJB 22 07:23:17.6-0.7, 31.23N:0.07:115.56W:0.05, h23km, 7km, Error ellipse: s-maj=11.3km s-min=6.8km az=0.0
MEX 22 07:23:17.9-0.6, 31.06N:115.66W, h29km, 19km, MD3.8
ECX 22 07:23:17.8-0.6, 31.24N:115.65W, h5km, MD2.9, ML3.1
ISC 22 07:23:17.0-1.1, 31.19N:0.09:115.55W:0.05, h25km, 14km, n14, c08/81, 24C-10D, Baja California

Table for station data in Baja California, including stations like SPIC San Pedro Mart, etc.

Table for station data in the Northwestern Basin Peninsula, including stations like EI Chinero, El Zacaton, etc.

CSEM 22 07:29:31.5-0.3, 43.26N:18.57E, h2km, ML1.9, Error ellipse: s-maj=7.6km s-min=4.6km az=136.0
BEO 22 07:29:33.5-0.7, 43.23N:16.64E, h11km, g8km, M1.9/7, Northwestern Basin Peninsula

Main table for station data in the Northwestern Basin Peninsula, including stations like STON Ston, BBLs Laziz#263, etc.

IDC 22 07:34:12.6-0.4, 2.90N:95.50E, h0km, mb4.7/38, mb1 4.8/41, mb1mx4.7/51, mbtmp4.7/41, ML4.5/3, Error ellipse: s-maj=12.2km s-min=9.1km az=32.0
BUJ 22 07:34:15.4-2.2, 2.95N:95.59E, h26km, mb5.3/80, mb5.4/54, Ms5.4/73, Ms7.5/3/64

Main table for station data in the Northwestern Basin Peninsula, including stations like ISCJB 22 07:34:15.2-0.7, etc.

KLM 22 07:34:17.9-0.2, 2.81N:95.51E, h63km, mb5.4, ML5.4, MS6.3
ISC 22 07:34:17.6-0.4, 2.94N:0.03:95.55E:0.04, h30km, 2km, h30km:pp-P, n562, c1927/589, mb5.3/189, MS5.1/25, 50C-21D, Off west coast of northern Sumatra

Main table for station data in the Northwestern Basin Peninsula, including stations like MLSI Meulaboh, TPTI Gunungsitoli, etc.

Main table for station data in the Northwestern Basin Peninsula, including stations like BTDF Bukit Timah Da, BTDF Bukit Timah Da, MYKOM Kota Tinggi, etc.

Table with columns for station call signs (e.g., SONM, SONA1), frequencies, and various status indicators (e.g., P, S, E, M, L, R).

Table with columns for station call signs (e.g., PMG, VOSK, VOSK), frequencies, and various status indicators (e.g., P, S, E, M, L, R).

Table with columns for station call signs (e.g., YAK, YAK, YAK), frequencies, and various status indicators (e.g., P, S, E, M, L, R).

Table of astronomical observations for 2011 JAN, columns include object name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 2011 JAN, columns include object name, coordinates, magnitude, and other parameters.

Table of astronomical observations for 2011 JAN, columns include object name, coordinates, magnitude, and other parameters.

22d 7h

2011 JAN

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Alma-Ata, Tokmak 2, Karagaybulak, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Chanchun, Talaya, Semipalatinsk, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like NVS, ATD, PMG, etc.

22d 8h

Table with columns: BRG, Name, Az, El, P, S, M, L, R, Time, Res. Includes stations like Bergsjesshubel, Kasperske Hory, Tophouse, etc.

2011 JAN

Table with columns: CCB, Name, Az, El, P, S, M, L, R, Time, Res. Includes stations like Rabat Centre, Elsielon Array, Rabbit Creek A, etc.

1124

Table with columns: UALR, Name, Az, El, P, S, M, L, R, Time, Res. Includes stations like Memphis-Engin, Abilene, Hawlie, etc.

IDC 22 07:59:42.4:1.9,2:51S:125:73E,h0km,mb3.1/2,mb1 3.3/3,mb1mx3.2/47,mbtmp3.1/3,ML3.0/1,Error ellipse: s-maj=207.0km s-min=25.8km az=64.0, DJA 22 07:59:47.3:0.9,2:51S:125:73E,h10km,7km,M3.3/5,MLV3.2/1

ISC 22 07:59:46.1:1.0,2:35S:0:07:126:13E:0:09,h20km,n8,s<136g,Ceram Sea

Table with columns: Code, Station Name, Az, El, P, S, M, L, R, Time, Res. Includes stations like SANI, WRA, ASAR, MKAR, etc.

IDC 22 08:01:21.3:2.5,15:55S:178:66W,h412km,30km,mb3.1/7,mb1 3.5/8,mb1mx3.2/28,mbtmp3.9/8,Error ellipse: s-maj=27.8km s-min=15.0km az=143.0,Fiji Islands region

Table with columns: Code, Station Name, Az, El, P, S, M, L, R, Time, Res. Includes stations like AFI, URZ, WRA, MJAR, NVAR, ILAR, PDAR, BRTR, etc.

RSNC 22 08:12:35.4:0.9,6:80N:73:20W,h137km,7km,ML2.5,Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARC Barichara, RUSC La Rusia, GRMC Gramalote, Ocan, Yopal, NORC Norcasia, etc.

ISCJB 22 08:15:55.0, 6, 41.02N, 0.05, 35.93E, 0.04, h0km, Error ellipse: s-maj=7.3km s-min=3.7km az=19.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KVT Kavak, HAVZ Havza, SAMS Samsun-Alacam, etc.

IDC 22 08:25:18.7, 2.1, 54.06N, 86.35E, h0km, mb1 3.4/3, mb1 mx3, 1/48, mbtmp3, 4/3, ML3, 2/3, Error ellipse: s-maj=17.6km s-min=10.5km az=64.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

CSEM 22 08:26:17.9, 0.2, 76.195N, 18.28E, h2km, ML3.7, Error ellipse: s-maj=9.0km s-min=4.6km az=61.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HSP Hornsund, SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

Table with columns: SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, SPITS Spitsbergen Ar, etc.

Table with columns: HAMF Hammerfest, TRO Tromso, ARAO ARCESS Array S, etc.

Table with columns: MOR Mol Rana, FIAO FINESS Array S, FIAO FINESS Array S, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

Table with columns: MJAR Matsushiro Arr, MAJO Matsushiro, KRSR Katsuragi Array, etc.

Table with columns: ARU Arti, ABKAR Akbulak array, AKTO Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

ISC 22 09:04:24.1, 0.5, 27.37N, 105.143E, h0km, mb1 1.1/19, mb4, 2/25, Error ellipse: s-maj=7.6km s-min=4.6km az=140.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBJ Chichi jima, JCY Chichijima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BARC Barichara, RUSC La Rusia, GRMC Gramalote, etc.

ISCJB 22:09:46:35.4±0.7, 15:1S:0.1±175:1E:0.1, h600km, mb3.7/15, Error ellipse: s-maj=19.5km s-min=14.2km az=27.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RPZ Rata Peaks, STKA Stephens Creek, WRA Warramunga, etc.

ISC 22:09:46:35.4±0.7, 15:1S:0.1±175:1E:0.2, h600km, n17, c#089/18, mb3.8/15, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, ASAR Alice Springs, WRA Warramunga, etc.

ISC 22:09:48:42.5±1.9, 32:16S:178:14W, h0km, mb3.8/2, mb1.4/1.3, mb1mx3.8/3.1, mbmtmp3.9/3, ML3.3/1, Error ellipse: s-maj=43.8km s-min=36.1km az=104.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, ASAR Alice Springs, CMAR Chiang Mai, etc.

ISC 22:09:53:41.8±1.7, 3:45N:128:96E, h0km, mb3.8/2, mb1.4/1.6, mb1mx3.8/3.6, mbmtmp4.0/6, Error ellipse: s-maj=74.2km s-min=18.5km az=65.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, CBIJ Chichijima, JCU Haha-jima-NKT, etc.

ISC 22:10:18:09.4±0.4, 15:81N:119:59E, h0km, mb4.2/31, mb1.4/3.3, mb1mx4.3/4.9, mbtmp4.2/32, ML4.7/1, MS3.6/10, Ms1.3/6.10, ms1mx3.3/4.5, Error ellipse: s-maj=17.4km s-min=10.2km az=79.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCZP Santa Cruz, BOLP Bolinao, BCPH Baguio City, etc.

ISC 22:10:18:15.0±0.3, 15:73N:119:67E, h35km, mb4.6/12, Error ellipse: s-maj=10.0km s-min=5.4km az=100.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KKM Kota Kinabalu, KKM Kota Kinabalu, SDKM Sandakan, etc.

ISC 22:10:18:18.2±1.7, 15:70N:119:53E, h65km, mb4.8, BUJ 22:10:18:20.8, 16:18N:119:62E, h57km, mb4.4/43, mb4.7/38, Ms4.3/30, Ms7.4/0.29

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GYA Guiyang, GYA Guiyang, NJ2 Nanjing, etc.

ISC 22:10:13:19.1±58.0, 22:88S:177:84W, h0km, mb3.8/3, mb1.4/0.3, mb1mx3.6/4.0, mbtmp3.8/3, Error ellipse: s-maj=105.7km s-min=162.6km az=86.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TTSI Tana Toraja, SANI Sanana, KSM Kuching, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TIA Tai'an, XAN Xi'an, KAPI Kappang, etc.

ISC 22:10:18:09.4±0.4, 15:81N:119:59E, h0km, mb4.2/31, mb1.4/3.3, mb1mx4.3/4.9, mbtmp4.2/32, ML4.7/1, MS3.6/10, Ms1.3/6.10, ms1mx3.3/4.5, Error ellipse: s-maj=17.4km s-min=10.2km az=79.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BJT Bajituau, BJT Beijing, BJI Baji, etc.

ISC 22:10:18:15.0±0.3, 15:73N:119:67E, h35km, mb4.6/12, Error ellipse: s-maj=10.0km s-min=5.4km az=100.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EDHF Ende, Flores, LZHZ Lanzhou, etc.

ISC 22:10:18:15.0±0.3, 15:73N:119:67E, h35km, mb4.6/12, Error ellipse: s-maj=10.0km s-min=5.4km az=100.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, etc.

ISC 22:10:18:18.2±1.7, 15:70N:119:53E, h65km, mb4.8, BUJ 22:10:18:20.8, 16:18N:119:62E, h57km, mb4.4/43, mb4.7/38, Ms4.3/30, Ms7.4/0.29

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MJAR Matushiro Arr, MJAR Matushiro Arr, MJAR Matushiro Arr, etc.

ISC 22:10:13:19.1±58.0, 22:88S:177:84W, h0km, mb3.8/3, mb1.4/0.3, mb1mx3.6/4.0, mbtmp3.8/3, Error ellipse: s-maj=105.7km s-min=162.6km az=86.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TAPN Taping, RAMM Ramit, GUN Gumba, etc.

22d 10h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like ASAJ Asahikawa, KOLN Koldanda, ZAK Zakamensk, etc.

2011 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like KIP Kipapa, FINES FINESS Array B, AKASA Malin Array Be, etc.

1128

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like WB2 Warramunga Arr, WRA Warramunga Arr, ZAAO Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station identifiers. Includes stations like CHIANG MAI, HORN SUNND, SPITSBERGEN, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station identifiers. Includes stations like HORN SUNND, SPITSBERGEN, KINGSBAY, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, and various station identifiers. Includes stations like FINES, HORN SUNND, SPITSBERGEN, etc.

BUI 22 11:25:05.5, 77.00N: 19.10E, h5km, mb4.4/5, Ms4.7/2, Ms7.4/5/2
IDC 22 11:25:08.0, 5.76:93N: 18.37E, h12km, mb4.5/30, Error ellipse: s-maj=31.0km, s-min=5.4km, az=93.7

MOS 22 11:25:08.0, 1.16: 76:93N: 18.37E, h12km, mb4.5/30, Error ellipse: s-maj=31.0km, s-min=5.4km, az=93.7
NAO 22 11:25:08.5, 1.0, 76:88N: 18.42E, h10km, mb4.4/11, Error ellipse: s-maj=7.3km, s-min=5.3km, az=65.0

FINES comp=Z,1.3nm,0.3s,baz=354,slow=24,SNR=3.4
FINES comp=Z,1.4nm,0.3s,baz=17,slow=25,SNR=2.9
FINES comp=Z,522nm,18.6s,baz=353,slow=37

22d 14h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GTA, TAPN, ODAN, RAMN, JIRN, GUN, ULN, etc.

2011 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EKS2, KES2, NVS, NKS, KURK, etc.

1134

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KMBO, ARCES, BRTR, FINES, AKASG, YKA, etc.

ASAR Alice Springs 42.75 255 P P 14 14 55.9 -0.6
DDA 22 14:13:16.8, 40°58N:30°34'E, h7km, Md2.6
ISCJ 22 14:13:16.9, 40°42N:30°40'E, h5km, MD2.4
Error ellipse: s-maj=5.9km s-min=4.1km az=146.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their characteristics.

BJI 22 14:18:10.4, 5°23'S: 129°31'E, h215km, mb4.5/24, MB4.7/20
ISCJ 22 14:18:14.2, 0.2, 4.72S: 0.02, 129.43E: 0.03, h200km
mb4.5/67, Error ellipse: s-maj=4.0km s-min=3.2km
az=171.2

NEIC 22 14:18:16.1±0.8, 4.72S: 129.22E, h211km, mb4.8/21,
Error ellipse: s-maj=9.9km s-min=6.7km az=57.0
KLM 22 14:18:16.1, 4.73S: 129.58E, h220km, mb5.0, MS5.7
IDC 22 14:18:17.7±1.4, 4.71S: 129.41E, h217km, mb4.0/18,
mb1.4/124, mb1mx4.1/39, mbtmp4.7/24, Error ellipse:
s-maj=13.5km s-min=7.8km az=87.0

DJA 22 14:18:18.0, 5.0±2.2 S: 129.9±12.9 E, h226km, Mb4.6/68,
mb5.2/31, mb4.8/68, MLV5.0/17, Mw(mb)4.5/31
ISC 22 14:18:15.6±0.3, 4.79S: 0.01, 129.25E: 0.05, h200km, n203,
mb4.5/187, mb4.5/66, 6C-6D, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their characteristics.

Main table with columns: TWSI, Tiliwang, Sumb, 12.92 252 P Pn. Lists seismic events with station names, times, and magnitudes.

Table with columns: WHN, comp=Z, 2.46nm, 1.0s, pmax, pmax. Lists seismic events with station names, times, and magnitudes.

Table with columns: BRTR, Keskin Array B, 97.38 309 P, P, 14 31 23.2 -3.5, etc.

RSNC 22 14:29:31.4±1.4, 3.37N-74.37W, h11km±24km, ML1.7, Colombia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

IDC 22 14:33:16.6±2.1, 6.52S-130.12E, h150km±20km, mb3.2/2, mb1 3.3/6, mb1mx3.2/36, mbtmp3.7/6, Error ellipse: s-maj=54.6km s-min=18.2km az=86.0

ISC 22 14:33:14.6±0.8, 6.57S:0.06±130.6E±0.2, h146km, n6, e24.10, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

ISC/CJB 22 14:37:55.0±0.4, 43.19N:0.02±18.72E±0.03, h1km, 3km, Error ellipse: s-maj=3.6km s-min=2.5km az=25.1

CSEM 22 14:37:55.4±0.2, 43.16N:18.72E, h5km, ML2.8, Error ellipse: s-maj=3.8km s-min=2.5km az=110.0

PDG 22 14:37:55.7±0.3, 43.16N:18.76E, h14km, 1km, MD2.8/5, ML2.8/13, Error ellipse: s-maj=0.4km s-min=0.8km az=0.0

BEO 22 14:37:56.5±0.5, 43.13N:18.74E, h5km±2km, M2.4/1

ISC 22 14:37:55.9±0.9, 43.16N:0.02±18.72E±0.02, h10km, 6km, n7.0, e0.83/118, 20C-11.0, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: FGSL, FRGS, Fruska Gora, 2.14 21 eSn, Sb, 14 39 00.9 -0.5, etc.

IDC 22 14:50:34.6±3.7, 19.00N:64.37W, h0km, mb3.5/5, mb1 4.0/1, mb1mx3.6/45, mbtmp3.6/6, ML3.1/1, MS3.9/1, Ms1 4.0/1, ms1mx2.8/26, Error ellipse: s-maj=79.0km s-min=27.9km az=117.0

ISC/CJB 22 14:50:39.0±0.9, 18.92N:0.08±64.55W±0.02, h39km±13km, MS3.9/1, Error ellipse: s-maj=13.7km s-min=3.8km az=5.1

NEIC 22 14:50:40.0, 18.86N:64.58W, h9km, MD3.6(RSPR), After RSPR

RSPR 22 14:50:40.6, 18.86N:64.58W, h9km, 1km, MD3.6/15

ISC 22 14:50:40.7±1.5, 18.82N:0.08±64.57W±0.03, h41km±18km, n5.6, e0.69/74, mb3.5/5, 15C-13.0, Virgin Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

BUI 22 14:56:05.2±1.1, 128.58E, h165km, mb4.6/38, mb4.8/28

MOS 22 14:56:07.2±0.9, 2.59N:128.27E, h152km, mb4.7/16, Error ellipse: s-maj=18.2km s-min=7.4km az=115.2

ISC/CJB 22 14:56:08.9±0.4, 2.57N:0.02±128.34E±0.03, h164km, 3km, mb4.7/84, Error ellipse: s-maj=4.8km s-min=3.3km az=159.5

NEIC 22 14:56:08.9±0.3, 2.52N:128.32E, mb4.9/26, Error ellipse: s-maj=7.9km s-min=5.3km az=66.0

IDC 22 14:56:09.8±0.5, 2.57N:128.30E, h159km±4km, mb4.2/25, mb1 4.3/28, mb1mx1.4/35, mbtmp4.8/28, Error ellipse: s-maj=14.9km s-min=10.6km az=64.0

KLM 22 14:56:10.7±2.5, 128.51E, h165km, mb4.9, ML4.0, MS6.2

DJA 22 14:56:10.8±0.3, 3°N±3°12'E±8E, h154km±3km, M4.8/72, mb5.1/72, mb5.3/36, ML5.1/18, Mw(m)B/4.7/36

ISC 22 14:56:10.2±0.4, 2.54N:0.03±128.30E±0.04, h161km±3km, h161km±pp-P, n264, e143/298, mb4.7/84, 16C-5D, Halmahera

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

COEN	Coen	22.05 138	P	P	15 00 51.4	-0.8
COEN	Coen	22.05 138	eP	P	15 00 50.0	-2.2
PMG	Port Moresby	22.23 123	P	P	15 00 52.2	-1.7
PMG	Port Moresby	22.23 123	iP	P	15 00 55.9	+1.9
CMJ	Cimerak	22.30 242	P	P	15 00 53.5	-1.1
PPBI	Pangkal Pinang	22.64 258	P	P	15 00 58.9	+1.0
LEM	Lembang	22.64 246	P	P	15 01 04.5	+6.4
LEM	Lembang	22.64 246	P	P	15 01 05.1	+7.0
CISI	Cisompet, Garu	22.76 244	P	P	15 00 58.9	-0.2
CISI	Cisompet, Garu	22.76 244	P	P	15 00 58.9	-0.2
CISI	Cisompet, Garu	22.76 244	eP	P	15 00 56.1	-3.0
WRAB	Tennant Creek	23.11 165 <i>i</i>	P	P	15 01 01.5	-0.6
WRAB	Tennant Creek	23.11 165	P	P	15 01 01.0	-1.1
WRAB	Tennant Creek	23.11 165	eP	P	15 01 01.3	-0.8
WRA	Warramunga Arr	23.12 165	P	P	15 01 01.9	-0.2
WRA	Warramunga Arr	23.12 165	P	S	15 05 03.2	+1.8
WRA	Warramunga Arr	23.12 165	ScP	P	15 08 08.3	-0.9
WBZ	Warramunga Arr	23.12 165	eP	P	15 01 01.6	-0.7
CBJ	Citeko	23.19 247	P	P	15 01 04.3	+1.4
CNJ	Cibinong	23.28 245	P	P	15 01 02.9	-0.8
TPRI	Tanjung Pinang	23.81 267	P	P	15 01 10.8	+2.2
CGJ	Cibinong	24.33 248	P	P	15 01 12.6	-0.7
QIZ	Qiongzhang	24.39 314	P	P	15 01 13.8	+0.1
QIZ	Qiongzhang	24.39 314	pP	pP	15 01 46.5	+0.5
QIZ	Qiongzhang	24.39 314	S	S	15 05 24.0	+2.2
QIZ	Qiongzhang	24.39 314	sS	sS	15 06 24.3	+4.1
MYKOM	Kota Tinggi	24.44 269	UP	P	15 01 16.1	+1.8
MYKOM	Kota Tinggi	24.44 269	P	P	15 01 16.4	+2.1
MYKOM	Kota Tinggi	24.44 269	eP	P	15 01 15.6	+1.3
KGM	Kluang	24.96 289	UP	P	15 01 22.2	+3.1
KASI	Kota Agung	25.09 251	P	P	15 01 20.2	+0.1
MDSI	Mauru Dua	25.09 254	P	P	15 01 20.6	+0.4
KTGM	Kuala Trengganu	25.25 277	UP	P	15 01 19.8	-1.9
LWLI	Liwa	25.35 253	P	P	15 01 24.2	+1.5
QIS	Mount Isa	25.49 155	P	P	15 01 23.6	-0.1
LHSI	Lahat	25.55 256	P	P	15 01 26.4	+2.0
UBPT	Khong Chiam	25.82 301	P	P	15 01 28.2	+1.5
MTSU	Mount Surprise	25.91 143	P	P	15 01 27.2	-0.3
ASAR	Alice Springs	26.62 168	P	P	15 01 33.1	-0.7
ASAR	Alice Springs	26.62 168	ScP	P	15 05 55.0	-2.0
ASAR	Alice Springs	26.62 168	ScP	P	15 08 18.4	-0.6
ASAR	Alice Springs	26.62 168	ScP	P	15 01 35.9	+1.6
MASI	Maura Aman	26.65 258	P	P	15 01 35.9	+1.6
IPM	Ipon	27.29 275	UP	P	15 01 40.1	+0.2
IPM	Ipon	27.29 275	UP	P	15 01 40.2	+0.2
WRKA	Warakurna	27.41 180	P	P	15 01 40.1	-0.9
KULM	Kulim	27.71 276	UP	P	15 01 43.8	+0.1
PPI	Padang Panjang	28.05 264	P	P	15 01 46.8	+0.1
CTA	Charters Tower	28.57 143	P	P	15 01 51.3	0.0
PSI	Prapat	29.34 271	P	P	15 01 58.3	0.0
PSI	Prapat	29.34 271	eP	P	15 01 57.5	-0.8
PSI	Prapat	29.34 271	P	P	15 01 58.9	+0.6
PSI	Prapat	29.34 271	P	P	15 01 58.6	+0.3
PSI	Prapat	29.34 271	P	P	15 01 58.1	-0.2
PSI	Prapat	29.34 271	eP	P	15 01 57.5	-0.8
PBKT	Sadao Pong	30.27 299	P	P	15 02 08.3	+2.0
PBKT	Sadao Pong	30.27 299	P	P	15 02 08.5	+2.2
LOEI	Loei	30.42 301	P	P	15 02 06.0	-1.6
NJ2	Nanjing	30.67 344	eP	P	15 02 09.0	-0.6
GSJ	Gunungsitoli	30.73 268	P	P	15 02 09.7	-0.7
GYA	Gulyang	31.57 321	P	P	15 02 20.0	+2.2
GYA	Gulyang	31.57 321	pP	pP	15 02 53.0	+2.2
GYA	Gulyang	31.57 321	S	S	15 03 14.3	+4.2
GYA	Gulyang	31.57 321	sS	sS	15 07 15.8	+1.0
GYA	Gulyang	31.57 321	ScP	ScP	15 08 17.4	+2.9
GYA	Gulyang	31.57 321	P	P	15 08 38.3	-1.1
PHRA	Phrae	31.74 302	P	P	15 02 21.0	+1.8
LAMP	Lampang	32.26 301	P	P	15 02 25.7	+1.9
CM01	Chiang Mai Arr	32.79 301	eP	P	15 02 28.5	+0.1
QLP	Quilpie	32.79 153	P	P	15 02 27.6	-0.6
CM31	Chiang Mai Arr	32.82 301	eP	P	15 02 29.2	+0.6
CMAR	Chiang Mai Arr	32.82 301	P	P	15 02 29.3	+0.6
CMAR	Chiang Mai Arr	32.82 301	ScP	P	15 08 40.4	+1.2
CHTO	Chiang Mai	32.97 301	P	P	15 02 31.2	+1.2
CHTO	Chiang Mai	32.97 301	eP	P	15 02 27.6	-2.4
CHTO	Chiang Mai	32.97 301	P	P	15 02 31.0	+1.0
CHTO	Chiang Mai	32.97 301	eP	P	15 02 27.6	-2.4
KMI	Kunming	33.32 315	P	P	15 02 35.0	+1.8
KMI	Kunming	33.32 315	pP	pP	15 03 10.3	+3.1
KMI	Kunming	33.32 315	S	S	15 03 29.8	+4.1
KMI	Kunming	33.32 315	ScP	ScP	15 07 43.1	+0.9
KMI	Kunming	33.32 315	S	S	15 08 38.1	-3.0
KMI	Kunming	33.32 315	sS	sS	15 08 45.3	+3.2
KMI	Kunming	33.32 315	ScP	ScP	15 09 58.6	-4.3
KMI	Kunming	33.32 315	P	P	15 02 35.0	+1.8
CMAI	Chiang Mai	33.39 303	P	P	15 02 35.0	+1.3
MORWA	Morawa	33.55 200	P	P	15 02 34.1	-0.8

MHMT	Maesarieng	33.58 300	P	P	15 02 36.7	+1.5
TJN	Taejon	33.68 359	eP	P	15 02 36.6	+0.8
KMBL	Kambalda	34.27 190	P	P	15 02 40.1	-0.9
KSAR	Wonju Array Be	34.73 359	P	P	15 02 45.1	+0.2
KSAR	Wonju Array Be	34.73 359	*PP	pP	15 03 17.2	-1.9
KSAR	Wonju Array Be	34.73 359	P	P	15 02 45.0	+0.2
KSAR	Wonju Array Be	34.73 359	pP	pP	15 03 17.2	-1.9
KSRS	Korea Array	34.75 359	P	P	15 02 45.0	+0.1
BLDU	Ballidu	34.77 198	P	P	15 03 17.2	-2.0
RMQ	Roma	34.98 147	P	P	15 02 46.8	-0.4
MJAR	Matsushiro Arr	35.05 14	P	P	15 02 46.2	-1.5
MAT	Matsushiro	35.05 14	P	P	15 02 46.5	-1.2
EIDS	Eidsvold	35.46 143	eP	P	15 02 50.7	-0.6
EIDS	Eidsvold	35.46 143	eP	P	15 02 45.9	-5.4
BBOO	Buckleboo	35.92 169	P	P	15 02 54.7	-0.4
BBOO	Buckleboo	35.92 169	eP	P	15 02 51.5	-3.6
XAN	Xi'an	36.18 332	P	P	15 02 57.6	+0.2
XAN	Xi'an	36.18 332	P	P	15 02 57.6	+0.2
STKA	Stevens Creek	36.49 161	P	P	15 02 59.8	-0.2
STKA	Stevens Creek	36.49 161	eP	P	15 02 59.7	-0.2
STKA	Stevens Creek	36.49 161	P	P	15 02 59.9	-0.2
STKA	Stevens Creek	36.49 161	eP	P	15 02 59.7	-0.2
CD2	Chengdu	36.52 323	eP	P	15 03 00.8	+0.4
CD2	Chengdu	36.52 323	pP	pP	15 03 05.0	+1.8
CD2	Chengdu	36.52 323	S	S	15 04 27.8	+0.9
CD2	Chengdu	36.52 323	pP	pP	15 08 32.3	+1.5
CD2	Chengdu	36.52 323	sS	sS	15 09 34.6	+3.3
NWAO	Narrogin (SRO)	36.80 196	P	P	15 03 03.1	+0.6
HTT	Hallett	37.16 165	P	P	15 03 05.7	0.0
CMSA	Cobar Meteorol	37.71 155	P	P	15 03 10.0	-0.3
RKGY	Rocky Gully	38.46 195	P	P	15 03 17.0	+0.5
ARMA	Armidale	39.63 148	P	P	15 03 26.7	+0.3
ARMA	Armidale	39.63 148	eP	P	15 03 23.7	-2.7
LZH	Lanzhou	40.32 329	eP	P	15 03 34.1	+2.0
LZH	Lanzhou	40.32 329	pP	pP	15 04 07.6	+0.5
LZH	Lanzhou	40.32 329	pP	pP	15 04 23.3	-2.0
LZH	Lanzhou	40.32 329	ScP	ScP	15 04 09.0	+1.7
LZH	Lanzhou	40.32 329	S	S	15 09 31.0	+3.1
LZH	Lanzhou	40.32 329	P	P	15 03 38.3	+0.6
HHC	Hu-ho-hao-te	41.02 341	eP	P	15 03 38.3	+0.6
HHC	Hu-ho-hao-te	41.02 341	S	S	15 09 46.0	+7.9
HHC	Hu-ho-hao-te	41.02 341	P	P	15 03 38.7	+0.5
ARPS	Mount Arapiles	41.09 163	P	P	15 03 42.4	+0.1
USRK	Ussuriysk Arr	41.61 4	P	P	15 03 51.1	+1.2
CNB	Canberra Meteorol	42.52 154	P	P	15 04 04.6	-0.9
LSA	Lhasa	44.39 311	eP	P	15 04 07.3	+1.8
LSA	Lhasa	44.39 311	P	P	15 04 07.3	+1.8
LSA	Lhasa	44.39 311	eP	P	15 04 04.6	-0.9
GTA	Gaotai	44.92 328	eP	P	15 04 09.9	+0.8
GTA	Gaotai	44.92 328	pP	pP	15 04 43.8	-1.0
GTA	Gaotai	44.92 328	S	S	15 05 01.3	-1.5
GTA	Gaotai	44.92 328	ScP	ScP	15 03 50.6	+0.9
GTA	Gaotai	44.92 328	P	P	15 04 18.6	+0.8
ODAN	Odare	45.98 306	eP	P	15 04 18.9	+0.7
RAMM	Ramite	46.71 305	eP	P	15 04 24.5	+1.0
JUN	Jirra	47.33 306	eP	P	15 04 29.4	+0.9
GIRN	Gumbi	47.69 306	eP	P	15 04 31.9	+0.7
PKIN	Phulchoki	47.94 306	eP	P	15 04 33.6	+0.6
KKN	Kakani	48.12 306	eP	P	15 04 34.8	+0.4
DMN	Daman	48.19 305	eP	P	15 04 35.5	+0.6
ULN	Ulaanbaatar	48.73 341	eP	P	15 04 38.8	+0.2
ULN	Ulaanbaatar	48.73 341	P	P	15 04 39.0	+0.4
ULN	Ulaanbaatar	48.73 341	eP	P	15 04 34.5	-4.1
ULN	Ulaanbaatar	48.73 341	P	P	15 05 13.4	-1.5
SOMN	Songino Array	48.82 341	eP	P	15 04 40.2	+0.1
SOMN	Songino Array	48.82 341	P	P	15 04 40.7	-1.6
SOMN	Songino Array	48.82 341	pP	pP	15 04 40.2	+0.1
SOMN	Songino Array	48.82 341	P	P	15 04 45.6	+0.9
KOLN	Koldanda	49.48 305	eP	P	15 04 55.0	0.0
HYB	Hyderabad	50.99 299	iP	P	15 05 13.2	+1.9
TLY	Talaya	51.35 341	eP	P	15 05 13.2	+1.9
WMQ	Urumqi	54.59 325	iP	P	15 05 23.0	+1.0
WMQ	Urumqi	54.59 325	pP	pP	15 05 59.9	+0.5
WMQ	Urumqi	54.59 325	S	S	15 06 18.0	+1.3
WMQ	Urumqi	54.59 325	pP	pP	15 07 29.9	+2.8
WMQ	Urumqi	54.59 325	S	S	15 12 47.5	-1.7
WMQ	Urumqi	54.59 325	sS	sS	15 16 31.0	-3.4
WMQ	Urumqi	54.59 325	P	P	15 05 23.0	+1.0
WMQ	Urumqi	54.59 325	P	P	15 05 59.9	+0.5
WMQ	Urumqi	54.59 325	P	P	15 06 18.0	+1.3
WMQ	Urumqi	54.59 325	pP	pP	15 07 29.9	+2.8
WMQ	Urumqi	54.59 325	S	S	15 12 47.5	-1.7
WMQ	Urumqi	54.59 325	sS	sS	15 16 31.0	-3.4
PETK	Petrovsk	55.95 21	P	P	15 05 30.4	-1.1
BOD	Bodaibo	56.27 351	eP	P	15 05 32.3	-1.3
BOD	Bodaibo	56.27 351	eP	P	15 05 06.4	-0.6
YAK	Yakutsk	59.36 1	eP	P	15 05 55.2	+0.1
YAK	Yakutsk	59.36 1	P	P	15 05 51.8	-3.3
MK01	Makanchi Array	59.40 325	eP	P	15 05 55.9	+0.1
MK31	Makanchi Array	59.42 325	eP	P	15 05 56.2	+0.3
MK31	Makanchi Array	59.42 325	P	P	15 05 56.0	+0.1
MKAR	Makanchi Array	59.42 325	P	P	15 05 56.1	+0.2

MKAR	Makanchi Array	59.42 325	P	P	15 06 32.9	-0.6
MKAR	Makanchi Array	59.42 325				

22d 16h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BHHZ Black Hill Sta, FWVZ Far West T-bar, TUUV Tukino, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H08N3 Diego Garcia H, H08N2 Diego Garcia H, etc.

2011 JAN

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H08S3 Diego Garcia H, H08S2 Diego Garcia H, KIMBO Kilima Mbogo, etc.

1140

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DHHB Dhamar BB, HAJJ Hajjah, ISCJB 22 16:06:10.3, etc.

Table with columns: YUS, Yu-Shan, 1.86 233 eP, Pn, 16 10 47.4 +0.2, etc. Includes stations like CHKT, CHKT, CHKT, etc.

WEL 22 16:10.21.0.4, 35.39S, 178.94E, h224km, gkm, ML3.5/6, Error ellipse: s-maj=8.9km s-min=8.2km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like WMGZ, HAZ, HAZ, etc.

WEL 22 16:17.16.2.0.5, 35.47S, 177.79E, h33km, ML3.7/2, Error ellipse: s-maj=8.9km s-min=3.3km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like HAZ, WMGZ, WMGZ, etc.

NSSC 22 16:18:27.5.0.9, 33.87N, 35.55E, h11km, km, MD1.2, ML1.5

ISCJB 22 16:18:30.0.0.5, 33.82N, 0.03:35.71E, 0.05, h12km, 5km, Error ellipse: s-maj=6.7km s-min=4.4km az=12.9

CSEM 22 16:16:29.8.0.1, 33.79N, 35.77E, h5km, ML3.0, Error ellipse: s-maj=3.1km s-min=2.2km az=122.0

GRAL 22 16:18:30.0.0.9, 33.80N, 0.02:35.77E, 0.04, h8km, 11km, n26, c050/39, Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like BHL, BHL, DQRL, DQRL, etc.

Table with columns: ZALF, ZALF, comp=E, 1.1nm, 0.4s, eS, AML, S, 16 19 19.7 +0.2, etc.

RSNC 22 16:21.21.5.1.6, 2.59N, 75.96W, h4km, gkm, ML2.2, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like POPC, POPC, POPC, etc.

IDC 22 16:27:16.0.2.2, 6.60S, 129.61E, h0km, mb3.5/1, mb1 3.5/3, mb1mx3.3/37, mbtmp3.3/3, ML3.4/2, Error ellipse: s-maj=150.9km s-min=31.2km az=69.0, Banda Sea

ISCJB 22 16:28:34.7.1.3, 2.48S, 0.1x179.9E, 0.2, h50km, mb3.6/4, Error ellipse: s-maj=25.4km s-min=15.4km az=17.4

IDC 22 16:28:36.1.7.2, 24.98S, 179.98E, h511km, 83km, mb3.0/4, mb1 3.3/5, mb1mx3.0/41, mbtmp4.0/5, Error ellipse: s-maj=69.5km s-min=28.7km az=13.0

ISC 22 16:28:35.3.1.1, 25.05S, 0.1x180.0E, 0.2, h501km, n7, c082/9, mb3.6/4, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like URZ, URZ, CTAR, CTAR, etc.

IDC 22 16:33:12.0.4.3, 19.09N, 145.17E, h414km, 47km, mb3.1/1, mb1 3.2/13, mb1mx3.0/52, mbtmp3.9/13, Error ellipse: s-maj=25.9km s-min=16.9km az=92.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like MJAR, MJAR, JNU, JNU, etc.

ISCJB 22 16:40:35.2.0.5, 49.90N, 0.03:18.45E, 0.03, h0km, Error ellipse: s-maj=4.9km s-min=2.6km az=7.6

IPEC 22 16:40:35.7.0.2, 49.83N, 18.56E, h1km, km, ML1.4/4, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

CSEM 22 16:40:35.8.0.2, 49.80N, 18.45E, h1km, ML2.5/7, Error ellipse: s-maj=6.4km s-min=3.0km az=6.0

ISC 22 16:40:36.2.0.8, 49.87N, 0.04:18.48E, 0.02, h0km, n27, c081/47, 7C, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like OKC, OKC, OKC, etc.

Table with columns: STHS, TREC, TREC, PRU, PRU, PRU, etc. Includes stations like TREC, TREC, PRU, PRU, etc.

CSEM 22 16:55:56.1.1.7, 38.67N, 44.09E, h10km, MD2.6, Error ellipse: s-maj=28.7km s-min=12.8km az=104.0

DDA 22 16:56:03.0.38.71N, 3.53E, h7km, MD2.6, Error ellipse: s-maj=13.1km s-min=3.3km az=110.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like VMUR, VMUR, VMUR, etc.

IDC 22 17:11:05.0.3.7, 5.61S, 147.33E, h198km, 64km, mb2.9/2, mb1 3.0/4, mb1mx2.8/39, mbtmp3.4/4, Error ellipse: s-maj=138.1km s-min=33.4km az=110.0, Eastern New Guinea region

ISCJB 22 17:12:15.2.1.8, 10.56S, 104.36E, h0km, mb3.6/7, mb1 3.8/8, mb1mx3.6/40, mbtmp3.7/8, ML4.5/1, Error ellipse: s-maj=57.1km s-min=18.2km az=53.0

ISCJB 22 17:12:18.9.0.9, 10.17S, 0.07:105.18E, 0.08, h10km, mb3.5/7, Error ellipse: s-maj=13.5km s-min=5.4km az=140.9

DJA 22 17:12:18.9.1.5, 10.5S, 111.05E, h10km, ML4.9/13, KASI, K15, 78.4/78, ML4.9/13, Mbtmp3.5/3

NEIC 22 17:12:21.2.1.3, 10.18S, 105.19E, h10km, mb4.2/1, Error ellipse: s-maj=30.0km s-min=10.0km az=54.0

ISC 22 17:12:20.0.1.0, 10.12S, 0.06:105.15E, 0.08, h10km, n33, c169/35, mb3.6/7, South of Java

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like XMIS, XMIS, SKJI, SKJI, etc.

ISCJB 22 16:40:35.2.0.5, 49.90N, 0.03:18.45E, 0.03, h0km, Error ellipse: s-maj=4.9km s-min=2.6km az=7.6

IPEC 22 16:40:35.7.0.2, 49.83N, 18.56E, h1km, km, ML1.4/4, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

CSEM 22 16:40:35.8.0.2, 49.80N, 18.45E, h1km, ML2.5/7, Error ellipse: s-maj=6.4km s-min=3.0km az=6.0

ISC 22 16:40:36.2.0.8, 49.87N, 0.04:18.48E, 0.02, h0km, n27, c081/47, 7C, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like OKC, OKC, OKC, etc.

22d 18h

Table of station data for 22d 18h, including columns for station name, coordinates, and various parameters like elevation and frequency.

2011 JAN

Main table of station data for 2011 JAN, listing stations like ILAR, AAK, AAK, AAK, etc., with their respective coordinates and parameters.

Table of station data for 2011 JAN, continuing from the previous table with stations like CBJJ, CBJJ, CBJJ, etc.

1144

Table of station data for 1144, listing stations like MAT, MAT, MJB, etc., with their respective coordinates and parameters.

Table with columns: Call sign, Frequency, Power, Mode, and other parameters. Includes stations like ASAR Alice Springs, KOLN Koldana, KADK Kodiak Island, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other parameters. Includes stations like KOLS Kolonické sedl, TXAR Lajitas Array, etc.

ISCJB 22 19:02:30.0-0.3, 43.25N-0.02-19.02E-0.02, h3km, 3km, Error ellipse: s-maj=2.9km s-min=2.2km az=43.6 CSEM 22 19:02:30.6-0.1, 43.211N-0.04E, h2km, ML2.8, Error ellipse: s-maj=2.5km s-min=2.0km az=113.0 PDG 22 19:02:30.9-0.1, 43.22N-19.02E, h5km, MD2.8/B, ML2.8/12, Error ellipse: s-maj=0.2km s-min=0.2km az=0.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Frequency, Power, Mode, and other parameters. Includes stations like UPM Unac-Piva, UPM Unac-Piva, UPM Unac-Piva, etc.

Table with columns: Call sign, Frequency, Power, Mode, and other parameters. Includes stations like CRES, GOLS Golise, GOLS Golise, etc.

NEIC 22 19:21:04.6, 38.54N-118.38W, h14km, ML4.2(REN), After REN.

NEIC Felt [I] at Hawthorne.

IDC 22 19:21:04.3-0.6, 38.60N-118.28W, h0km, mb3.1/2, mb1 3.4/7, mb1mx3.3/42, mbtmpp3.1/7, ML3.6/5, MS2.7/1, Ms1 2.7/1, ms1mx2.4/12, Error ellipse: s-maj=5.2km s-min=4.4km az=123.0

ISC 22 19:21:03.9-1.2, 38.53N-0.02-118.40W-0.03, h0km, 10km, n81, n184/74, mb3.1/3, California-Nevada border region 1

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Frequency, Power, Mode, and other parameters. Includes stations like NV01 Mina Array Sit, NV01 Mina Array Bay, NV11 Motin Array Sit, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, SONM Songino Array, ILAR Eielson Array, YKA Yellowknife Ar, FINES FINESS Array B.

CSEM 22 19:58:00.5, 38°60N-29°65W, h5km, ML3.0
PDA 22 19:58:00.5-0.9, 38°60N-29°65W, h5km, MD3.5, ML3.0, Error ellipse: s-maj=9.6km s-min=6.4km az=173.0, Azores Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CALA Caldeira, PCED Cedros, HOR Horta, PCAN Candelaria, PICO Pico, PMAN Manadas, ROSA Rosais, PMAN Manadas, PGRA Graciosa, ADH Angra Heroismo.

GUC 22 20:05:08.0-0.5, 36°50S-73°41W, h5km±4km, ML3.6, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CCSP San Pedro de C, COCH Cobquecura, CCHI Chilian.

IDC 22 20:11:02.9-9.4, 16°97S-179°38W, h588km-88km, mb3.3/4, mb1 3.5/5, mb1mx3.0/29, mbtmp3.3/4, Error ellipse: s-maj=90.1km s-min=38.0km az=108.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, MJAR Matsushiro Arr, BRTR Keskin Array B, GERES GERES Array B.

IDC 22 20:11:24.6-1.7, 2°54N-124°24E, h0km, mb3.3/4, mb1 3.4/4, mb1mx3.2/37, mbtmp3.3/4, Error ellipse: s-maj=205.6km s-min=23.7km az=64.0, Celebes Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra.

IDC 22 20:35:29.6-5.2, 41°56N-87°80E, h0km, mb1 3.2/5, mb1mx3.0/53, mbtmp3.2/5, ML2.9/5, Error ellipse: s-maj=71.5km s-min=33.9km az=25.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, PDGK Podgornoye, KURBB Kurchatov Arra, ZALV Zalesovo Beam, SONM Songino Array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SONM, BVAR Borovoye Array, IDC 22 21:06:56.0-1.1, 28°13N-56°39E, h0km, mb3.7/9, mb1 3.7/13, mb1mx3.5/59, mbtmp3.7/13, ML3.3/4, Error ellipse: s-maj=22.1km s-min=17.6km az=159.0

CSEM 22 21:07:01.5-0.2, 28°16N-56°39E, h20km, ML3.4, Error ellipse: s-maj=7.7km s-min=5.5km az=83.0
ISC 22 21:07:00.5-0.7, 28°15N-0.04, 56°39E-0.05, h28km, n65, ±130/61, mb3.6/8, 20C-5D, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NIAN Nian, IBND Bandar-abas, GENO Genu, BNDS Bandar-Abbas, KHKH Kohstak, NGRK Negar Kerman, NGRK Negar Kerman, KRBR Kerman, KRBR Kerman, TVBK TV Kerman, TVBK TV Kerman, CHMN Chesme madani, CHMN Chesme madani, KHGB Koh Gabri, KHGB Koh Gabri, GHIR Ghir-Karzin, GHIR Ghir-Karzin, ISRV Sarvestan, ISRV Sarvestan, ISRV Pars, ISRV Pars, IPAR Pars, IPAR Pars, IPAR Pars, IPAR Pars, IBAF Bafgh, IBAF Bafgh, IBAF Bafgh, IBAF Bafgh, IBMEH Mehrez, IBMEH Mehrez, IKAZ Kazeroun, IKAZ Kazeroun, IKAZ Kazeroun, IKCH Chekchek, IKCH Chekchek, IKCH Chekchek, IKCH Chekchek, IKOO Kooshah, IKOO Kooshah, IKOO Kooshah, IKOO Kooshah, IRAM Rameshah, IRAM Rameshah, IRAM Rameshah, IRAM Rameshah, ITEG Tejag, ITEG Tejag, WSAR Wadi Sarin, WSAR Wadi Sarin, IDAH Dahanechah, IDAH Dahanechah, IDAH Dahanechah, IDAH Dahanechah, IGAR Gharneh, IGAR Gharneh, IMON Monand, IMON Monand, IMON Monand, IMON Monand, IZEF Zefreh, IZEF Zefreh, IZEF Zefreh, IZEF Zefreh, IPIR Pirpir, IPIR Pirpir, IPIR Pirpir, IPIR Pirpir, IKLH Kolahrood, IKLH Kolahrood, IKLH Kolahrood, IKLH Kolahrood, GEYT Alibeik, GEYT Alibeik.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ASF Jabal al Asfar, MMAI Mount Meron Ar, AAK Ala-Archa, BRTR Keskin Array B, AKTO Aktyubinsk, BVAR Borovoye Array, MKAR Makanchi Array, ZALV Zalesovo Beam, SONM Songino Array, TORD Torodi Ar. Bea, KSRS Korea Array.

ISCJB 22 21:08:18.8-0.3, 85°56N-0°06:19.4E-0°8, h10km, mb3.9/29, MS3.1/8, Error ellipse: s-maj=9.8km s-min=6.5km az=141.1

IDC 22 21:08:19.1-0.6, 85°58N-19°75E, h0km, mb3.8/16, mb1 3.9/20, mb1mx3.7/54, mbtmp3.8/20, ML3.8/4, MS3.2/9, MS1 3.2/9, ms1mx3.0/40, Error ellipse: s-maj=20.4km s-min=11.8km az=63.0

NEIC 22 21:08:20.7-0.2, 85°54N-19°14E, h10km, mb4.0/13, Error ellipse: s-maj=7.0km s-min=4.6km az=56.0
ISC 22 21:08:20.6-0.5, 85°52N-0°08:19.23E-0°09, h10km, n38, ±069/35, mb3.9/29, MS3.1/8, North of Svalbard

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SPITS Spitsbergen Ar, SPITS Spitsbergen Ar, ARCES ARCES Array B, RECRES Resolute Bay, NRKI Noril'sk, TIXI Tiksi, FINES FINESS Array B, FINES FINESS Array B, NOA NOA, HFS Hagfors, HFS Hagfors, INK Inuvik, INK Inuvik, ILAR Eielson Array, ILAR Eielson Array, YAK Yakutsk, YAK Yakutsk, YKA Yellowknife Ar, YKA Yellowknife Ar, RGN Rugen, RGN Rugen, FCC Fort Churchill, FCC Fort Churchill, BRVK Borovoye, BRVK Borovoye, BVAR Borovoye Array, BVAR Borovoye Array, AKASG Malin Array Be, AKASG Malin Array Be, GERES GERES Array B, GERES GERES Array B, KURK Kurchatov Arra, KURK Kurchatov Arra, KURBB Kurchatov Arra, KURBB Kurchatov Arra, ABKAR Akbulak array, ABKAR Akbulak array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, SONM Songino Array, ULN Ulaanbaatar, ULN Ulaanbaatar, WALA Waterton Lakes, WALA Waterton Lakes, KKAR Karatay Array, KKAR Karatay Array, AAK Ala-Archa, AAK Ala-Archa, NEW Newport, NEW Newport, BRTR Keskin Array B, BRTR Keskin Array B, RSSD Black Hills, RSSD Black Hills, GEYT Alibeik, GEYT Alibeik, HLID Hailey, HLID Hailey, NVAR Niina Array Bea, NVAR Niina Array Bea, BBBS BB Station, BBBS BB Station, TXAR Lajitas Array, TXAR Lajitas Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea.

ISCJB 22 21:31:18.7-0.5, 15°54S-0°08:20.73W-0°07, h200km, mb3.8/8, Error ellipse: s-maj=12.5km s-min=6.8km az=40.3

SCB 22 21:31:20.6-0.4, 15°39S-69°97W, h200km, M4.1/2, Error ellipse: s-maj=18.3km s-min=11.5km az=25.0
IDC 22 21:31:22.4-1.0, 15°35S-70°04W, h216km±9km, mb3.6/8, mb1 3.8/12, mb1mx3.6/30, mbtmp4.2/12, Error ellipse: s-maj=29.9km s-min=13.6km az=22.0

ISC 22 21:31:20.3-0.6, 15°85S-0°09:70.38W-0°07, h200km, n21, ±138/22, mb3.9/8, I, C, Southern Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LPAZ La Paz, LPAZ La Paz, LPAZ La Paz, LVC Limon Verde, LVC Limon Verde, NNA Nana, NNA Nana, SIV San Ignacio, SIV San Ignacio, ATAH Atahualpa, ATAH Atahualpa, CPUP Villa Florida, CPUP Villa Florida, PTGA Pitinga, PTGA Pitinga, BDFB Brasilia, BDFB Brasilia.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TXAR Lajitas Array, PDAR Pinedale Array, DBIC Dimbokro, ULM Lac du Bonnet, NVAR Mina Array, TORAR Torodi Arr, YKA Yellowknife Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, USRSK Ussuriysk Arr, MJAR Matsushiro Arr, SONM Songino Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JCJ Chichijima, MJAR Matsushiro Arr, ASAJ Asahikawa, SONM Songino Array, WRA Warramunga Arr, ILAR Eielson Array, INK Inuvua, TXAR Matsushiro Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MSU Marysvale, MNMX Cornudas Mount, MNMX Cornudas Mount, TXAR Lajitas Array, TXAR Paradox Valley, ANMO Albuquerque, ANMO Albuquerque, PV01 Paradox Valley, NJ2 Nanjing, S22A 4UR Ranch, S22A 4UR Ranch, SMC0 Snowmass, MAW Mawson, BD06 Boulder Array, PDAR Pinedale Array, PDAR Pinedale Array, FLWY Flagstaff Ranch, TNA Tin City, H17A Grant Village, MUSH Muleshoe, CCB Clear Creek Bu, MDM Murphy Dome, ILAR Eielson Array, PLCA Pason Flores, PLCA Pason Flores, PLCA Pason Flores, VNA3 Neumayer Olym, SNA3 Sanae, SNA2 Sanae, VNA2 Neumayer-Watz, GYA Guyang, GYA Guyang, JTS JuntasAbangare, HHC HHC, HHC HHC, HHC HHC, HHC HHC, HHC HHC, YKA Yellowknife Arr, KMI Kunming, KMI Kunming, KMI Kunming, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, CMAR Chiang Mai Arr, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, ULM Lac du Bonnet, LPAZ La Paz, SONM Songino Array, GAT Gaotai, GAT Gaotai, GAT Gaotai, ARCES ARCES Array B, FINES Finess Array B, KMBO Kilima Mbogo, KMBO Kilima Mbogo, MALT Malatya, KWP Kalwaria Pacla, KWP Kalwaria Pacla, OJC Ojcow, OJC Ojcow, OJC Ojcow, CLL Colim, CLL Colim, CLL Colim, KLL Ksiaz, KLL Ksiaz, STHS Stenbicka Huta, LEOM Leona, BRG Berggiesshubel, BRG Berggiesshubel, UPC Upice, UPC Upice, KOLS Kolonice sedl, DPC Dobruska-Polom, DPC Dobruska-Polom, NIE Niedzica, NIE Niedzica, BUR04 Bucovina Ar. S, BUR04 Bucovina Ar. S, PVCC Panska Ves, PVCC Panska Ves, KRC Ostrava-Krasne, KRC Ostrava-Krasne, PRA Prague, PRA Prague, PRU Pruhonic, PRU Pruhonic, PRU Pruhonic, GRER Greer, GRER Greer, DOPR Dopca, DOPR Dopca, CJR Cluj-Napoca, BR131 Keskin Arr S, BR131 Keskin Arr S, MLR Muntele Rossy, KHC Kasperske Hory, KHC Kasperske Hory, DRGR Drgr, GERES Geres Array B, BR231 Keskin MP Arra.

IDC 22:11:33:07.9, 0.26:59N:144:19E, h0km, mb3.7/6, mb1 3.9/8, mb1mx3.6/42, mbtmp3.7/8, ML3.4/2, Error ellipse: s-maj=25.9km s-min=20.5km az=61.0

JMA 22:11:33:09.9, 27:02N:144:09E, h0km, M4.0, ISC 22:11:33:09.6, 0.26:71N:101:144:15E, 0.08, h10km, n16, +19:117, mb3.8/6, Bonin Islands region

IDC 22:12:16:32.7, 0.5, 18:10S:172:15W, h0km, mb4.3/15, mb1 4.6/16, mb1mx4.4/39, mbtmp4.4/16, ML4.6/1, MS3.8/22, Ms1 3.8/22, ms1mx3.7/31, Error ellipse: s-maj=20.3km s-min=14.6km az=139.0

NEIC 22:12:16:37.9, 0.3, 19:28S:172:44W, h10km, mb4.9/20, Error ellipse: s-maj=17.4km s-min=8.3km az=155.0

NEIC Fell at Fagatoga, American Samoa, ISCJB 22:12:16:40.4, 0.3, 19:19S:172:55W, 0.07, h33km, mb4.7/39, MS3.9/20, Error ellipse: s-maj=14.6km s-min=7.0km az=149.7

BUI 22:22:16:41.7, 19:10S:172:92W, h35km, mb5.0/17, mb5.5/9, MS2.5/25, M67.4/95

ISC 22:22:16:41.4, 0.5, 19:35S:171:38W, 0.10, h35km, n140, +180:121, mb4.7/39, MS3.8/21, 6C-13D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JHHJ Haha-jima-NKT, CBJJ Chichi jima, CBJJ Chichi jima, JCJ Chichijima, JCJ Chichijima, JHU Hanno, JHU Hanno, JHO Hitachi, JHO Hitachi, JFK Kawauchi, MJAR Matsushiro Arr, JMK Ichinosue, KRSR Korea Array, SONM Songino Array, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, YKA Yellowknife Arr, NVAR Mina Array, LPAZ La Paz.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, RAR Rarotonga, RAR Rarotonga, RAR Rarotonga, DZM DZM, DZM DZM, URZ Urz, URZ Urz, PAE Papeete, PPT2 Papeete, PPT2 Papeete, PPT Papeete, PPT Papeete, TBI Tubuai, TVO Taravao, MOZ McQueen's Vall, HNR Honiara, EIDS Eidsvoll, RKT Rikitea, CTA Charters Tower, CTA Charters Tower, COEN Coen, STKA Stephens Creek, STKA Stephens Creek, ASAR Alice Springs, WB2 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, VVDA Vanda, VVDA Vanda, GSPA South Pole Qui, MJAR Matsushiro Arr, MJAR Matsushiro Arr, MURC Murrieta, BFSC Mount Baldy Ra, MONP Monument Peak, IBNP Imperial Bould, EDW2 Edwards Air Fo, PFO Pinyon Flats O, LRMO Laurel Mtn Rad, GSC Goldstone, GSC Goldstone, HEC Hector, LUDLOW Ludlow, MTUM Tungsten Hills, IRM Iron Mountain, GMRC Granite Mounta, 214A Organ Pipe Nat, NVAR Mina Array, NVAR Mina Array, PETK Petropavlovsk, NV11 Mina Array Sit, PDMCI Parker Dam, LAK, TUC Tucson, R11A Troy Canyon, KSM Kuching, KSM Kuching, WUAZ Wupatki, WUAZ Wupatki, KRSR Korea Arr, KRSR Korea Arr, 121A Cookes Peak, 121A Cookes Peak.

ISC 22:22:15:05.2, 1.0, 30:36N:142:47E, h0km, mb3.5/7, mb1 3.7/10, mb1mx3.5/46, mbtmp3.5/10, ML3.4/3, Error ellipse: s-maj=35.9km s-min=19.9km az=90.0

ISCJB 22:22:15:06.7, 0.7, 30:33N:105:142:3E, 0.2, h24km, mb3.5/7, Error ellipse: s-maj=25.0km s-min=7.8km az=177.3

ISC 22:22:15:08.6, 0.8, 30:30N:107:142:3E, 0.2, h24km, n10, +125:111, mb3.5/7, Southeast of Honshu

ISCJB 22:21:50:31.3, 0.9, 26:95N:109:144:17E, 0.06, h10km, mb3.6/7, Error ellipse: s-maj=13.6km s-min=7.6km az=163.1

IDC 22:21:50:31.3, 0.9, 26:73N:144:17E, h0km, mb3.6/7, mb1 3.8/8, mb1mx3.6/34, mbtmp3.6/8, ML3.5/1, Error ellipse: s-maj=25.7km s-min=21.0km az=80.0

JMA 22:21:50:33.4, 0.1, 27:06N:144:12E, h22km, M3.6, ISC 22:21:50:32.5, 1.0, 26:88N:101:144:10E, 0.07, h10km, n13, +658:15, mb3.6/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JHHJ Haha-jima-NKT, CBJJ Chichi jima, CBJJ Chichi jima, JCJ Chichijima, JCJ Chichijima, JRY Ryogami san, JHO Hitachi, MJAR Matsushiro Arr, SONM Songino Array, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, YKA Yellowknife Arr, FINES Finess Array B, NVAR Mina Array.

ISC 22:21:51:32.7, 2.9, 39:04N:73:47E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=22.2km s-min=17.0km az=173.0

ISC 22:21:51:29.3, 5.1, 38:9N:0:3, 73:5E, 0.1, h10km, n11, +266:12, 5C-4D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AML Amayashu, UCH Uchter, KZA Kyzart, MNAS Manas, MNAS Manas, EKS2 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, CHMS Chumysh, TKM2 Tokmak 2, TKM2 Tokmak 2, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array.

ISC 22:22:15:05.2, 1.0, 30:36N:142:47E, h0km, mb3.5/7, mb1 3.7/10, mb1mx3.5/46, mbtmp3.5/10, ML3.4/3, Error ellipse: s-maj=35.9km s-min=19.9km az=90.0

ISCJB 22:22:15:06.7, 0.7, 30:33N:105:142:3E, 0.2, h24km, mb3.5/7, Error ellipse: s-maj=25.0km s-min=7.8km az=177.3

ISC 22:22:15:08.6, 0.8, 30:30N:107:142:3E, 0.2, h24km, n10, +125:111, mb3.5/7, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AML Amayashu, UCH Uchter, KZA Kyzart, MNAS Manas, MNAS Manas, EKS2 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, CHMS Chumysh, TKM2 Tokmak 2, TKM2 Tokmak 2, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array.

ISC 22:22:15:05.2, 1.0, 30:36N:142:47E, h0km, mb3.5/7, mb1 3.7/10, mb1mx3.5/46, mbtmp3.5/10, ML3.4/3, Error ellipse: s-maj=35.9km s-min=19.9km az=90.0

ISCJB 22:22:15:06.7, 0.7, 30:33N:105:142:3E, 0.2, h24km, mb3.5/7, Error ellipse: s-maj=25.0km s-min=7.8km az=177.3

ISC 22:22:15:08.6, 0.8, 30:30N:107:142:3E, 0.2, h24km, n10, +125:111, mb3.5/7, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AML Amayashu, UCH Uchter, KZA Kyzart, MNAS Manas, MNAS Manas, EKS2 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, CHMS Chumysh, TKM2 Tokmak 2, TKM2 Tokmak 2, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array.

ISC 22:22:15:05.2, 1.0, 30:36N:142:47E, h0km, mb3.5/7, mb1 3.7/10, mb1mx3.5/46, mbtmp3.5/10, ML3.4/3, Error ellipse: s-maj=35.9km s-min=19.9km az=90.0

ISCJB 22:22:15:06.7, 0.7, 30:33N:105:142:3E, 0.2, h24km, mb3.5/7, Error ellipse: s-maj=25.0km s-min=7.8km az=177.3

ISC 22:22:15:08.6, 0.8, 30:30N:107:142:3E, 0.2, h24km, n10, +125:111, mb3.5/7, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AML Amayashu, UCH Uchter, KZA Kyzart, MNAS Manas, MNAS Manas, EKS2 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, CHMS Chumysh, TKM2 Tokmak 2, TKM2 Tokmak 2, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array.

ISC 22:22:15:05.2, 1.0, 30:36N:142:47E, h0km, mb3.5/7, mb1 3.7/10, mb1mx3.5/46, mbtmp3.5/10, ML3.4/3, Error ellipse: s-maj=35.9km s-min=19.9km az=90.0

ISCJB 22:22:15:06.7, 0.7, 30:33N:105:142:3E, 0.2, h24km, mb3.5/7, Error ellipse: s-maj=25.0km s-min=7.8km az=177.3

ISC 22:22:15:08.6, 0.8, 30:30N:107:142:3E, 0.2, h24km, n10, +125:111, mb3.5/7, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AML Amayashu, UCH Uchter, KZA Kyzart, MNAS Manas, MNAS Manas, EKS2 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, CHMS Chumysh, TKM2 Tokmak 2, TKM2 Tokmak 2, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array.

ISC 22:22:15:05.2, 1.0, 30:36N:142:47E, h0km, mb3.5/7, mb1 3.7/10, mb1mx3.5/46, mbtmp3.5/10, ML3.4/3, Error ellipse: s-maj=35.9km s-min=19.9km az=90.0

ISCJB 22:22:15:06.7, 0.7, 30:33N:105:142:3E, 0.2, h24km, mb3.5/7, Error ellipse: s-maj=25.0km s-min=7.8km az=177.3

ISC 22:22:15:08.6, 0.8, 30:30N:107:142:3E, 0.2, h24km, n10, +125:111, mb3.5/7, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AML Amayashu, UCH Uchter, KZA Kyzart, MNAS Manas, MNAS Manas, EKS2 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, CHMS Chumysh, TKM2 Tokmak 2, TKM2 Tokmak 2, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array.

ISC 22:22:15:05.2, 1.0, 30:36N:142:47E, h0km, mb3.5/7, mb1 3.7/10, mb1mx3.5/46, mbtmp3.5/10, ML3.4/3, Error ellipse: s-maj=35.9km s-min=19.9km az=90.0

ISCJB 22:22:15:06.7, 0.7, 30:33N:105:142:3E, 0.2, h24km, mb3.5/7, Error ellipse: s-maj=25.0km s-min=7.8km az=177.3

ISC 22:22:15:08.6, 0.8, 30:30N:107:142:3E, 0.2, h24km, n10, +125:111, mb3.5/7, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AML Amayashu, UCH Uchter, KZA Kyzart, MNAS Manas, MNAS Manas, EKS2 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, CHMS Chumysh, TKM2 Tokmak 2, TKM2 Tokmak 2, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array.

ISC 22:22:15:05.2, 1.0, 30:36N:142:47E, h0km, mb3.5/7, mb1 3.7/10, mb1mx3.5/46, mbtmp3.5/10, ML3.4/3, Error ellipse: s-maj=35.9km s-min=19.9km az=90.0

ISCJB 22:22:15:06.7, 0.7, 30:33N:105:142:3E, 0.2, h24km, mb3.5/7, Error ellipse: s-maj=25.0km s-min=7.8km az=177.3

ISC 22:22:15:08.6, 0.8, 30:30N:107:142:3E, 0.2, h24km, n10, +125:111, mb3.5/7, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AML Amayashu, UCH Uchter, KZA Kyzart, MNAS Manas, MNAS Manas, EKS2 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, CHMS Chumysh, TKM2 Tokmak 2, TKM2 Tokmak 2, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CONA, LOT, BFO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TORO, DZM, DZM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOLS, KOLS, KOLS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TLIG, TLIG, TLIG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, CMAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like UZP, UZLA, KULA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MEX, MEX, MEX, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC, NEIC, NEIC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMA, JMA, JMA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO, RAO, RAO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSP, KSP, KSP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JJK, JJK, JJK, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like ZSN, BTLS, TNS5, MTBS, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like PEL, SAN, ANT, CLCH, LACH, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like OTAV, CMIG, PTGA, LPAZ, etc.

NIED 22:54:00.29, 20.20N, 131.30E, h32km, Mw3.5 Best double couple: Mo 1.990000, 1014 NP1.0=185.00000, 843.00000, 1.142.00000, NP2.0=305.00000, 865.00000, 1.54.00000.

JMA 22:54:55.9, 0.1, 29.23N, 131.34E, h78km, 5.5km, M3.5, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like JYAK, JNN, JNK, etc.

IDC 22:57:21.0, 1.6, 33.26S, 72.31W, h0km, mb3.9/3, mb1.4/0.7, mb1mx3.8/2.9, mbtmp3.8/7, ML3.9/4, MS2.8/1, Ms1.2/8/1, ms1mx2.6/20, Error ellipse: s-maj=40.5km s-min=30.9km az=80.0

ISCJB 22:57:23.1, 1.2, 33.27S, 0.03, 72.51W, 0.05, h32km, 9km, mb4.0/9, Error ellipse: s-maj=7.3km s-min=4.6km az=148.3

NEIC 22:57:23.0, 33.34S, 72.35W, h25km, mb4.1/6, ML4.1(GUC), After GUC

GUC 22:57:23.4, 0.6, 33.34S, 72.35W, h25km, 5km, ML4.1

ISC 22:57:24.0, 1.5, 33.32S, 0.04, 72.34W, 0.06, h26km, 11km, n27, e1920/39, mb4.1/9, 3C-4D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like LNV, LNU, etc.

DJA 23:00:51:06.5, 1.4, 0, N8.12'E, h14km, 11km, M4.0/7, ML4.0/7, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like SANI, LBMI, LUWI, etc.

WEL 23:00:56:25.8, 0.8, 37.50S, 176.46E, h161km, 7km, ML3.6/7, 1C-1D, Error ellipse: s-maj=7.2km s-min=5.4km az=90.0, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like PBNC, BRUZ, AZU, etc.

MOS 23:01:46:55.7, 1.0, 60.82N, 165.51E, h5km, mb4.0/4, Error ellipse: s-maj=12.4km s-min=12.1km az=88.3

KRSC 23:01:46:55.3, 0.7, 60.85N, 165.51E, h4km, 5km, ML4.2

IDC 23:01:46:55.9, 1.4, 60.50N, 165.62E, h0km, mb3.5/7, mb1.3/7.9, mb1mx3.5/4.2, mbtmp3.5/9, ML4.6/1, MS2.7/1, Ms1.2/7/1, ms1mx2.3/2.5, Error ellipse: s-maj=51.1km s-min=13.3km az=180.0

ISCJB 23:01:46:57.3, 0.5, 60.85N, 0.05, 165.8E, 0.1, h15km, 0.9km, 3.8s, Error ellipse: s-maj=8.0km s-min=6.7km az=34.5

ISC 23:01:46:58.8, 0.7, 60.73N, 0.07, 165.66E, 0.06, h15km, n18, e086/20, mb3.6/9, Eastern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like TILK, OSSH, OSSR, etc.

DLBC	Lg	02 55 58.9	M02C	Callahan	27.53 130	P	P	02 55 53.4 +1.9	PDAR	Pinedale Array	31.47 112	P	P	02 56 27.6 +0.9
DLBC	Lg	02 57 58.9	M04C	Macdoel	27.54 128	P	P	02 55 53.1 +1.5	PDAR	comp=Z,1.9m,0.9s,baz=311,slow=4.9,SNR=51	31.51 96	LR	LR	03 08 28.2
DLBC	Pn	02 52 47.7 +1.5	LRM	baz=302,SNR=6.4	27.78 111	EP	P	02 55 55.0 +1.1	D27A	comp=Z,1.9m,2.1s,baz=352,slow=35	31.51 96	P	P	02 56 28.0 +1.3
DLBC	Pn	02 55 58.4	PET	Lima Ridge	27.81 272	EP	FAKE	02 56 00.0 +6.2	C28A	comp=Z,1.9m,2.1s,baz=352,slow=35	31.51 96	P	P	02 56 28.0 +1.3
WRAK	Pn	02 52 51.8 +0.8	PET	Petropavlovsk	27.81 272	LR	LR		F25A	Hausauer Farms	31.56 96	P	P	02 56 29.0 +1.9
WRAK	Pn	02 56 12.2	M02D	comp=Z,1.9m,22.0s	27.96 130	P	P	02 55 57.4 +2.1	F25A	Bowman	31.56 96	P	P	02 56 28.4 +1.2
CRAG	Pn	02 52 56.6 +0.2	NOD	Trinity Center	27.96 130	P	P	02 55 56.9 +1.3	A30A	Hoffart Farm,	31.58 92	P	P	02 56 28.6 +1.4
CRAG	Lg	02 56 39.1	MOD	Modoc Plateau	27.96 126	EP	P	02 55 57.8 +1.2	E26A	Carlson Angus	31.58 99	P	P	02 56 28.2 +0.9
UNV	Pn	02 53 06.2 +1.8	DLMT	comp=Z,2.4m,0.9s	28.09 112	EP	P	02 55 57.3 +0.3	HWUT	Hardware Ranch	31.61 115	FAKE	LR	02 56 40.0 +1.2
YKVA	Pn	02 53 51.9 -1.9	WVOR	Wild Horse Val	28.14 123	EP	P	02 55 57.3 +0.3	ULM	comp=Z,2.0m,20.0s	31.72 88	P	P	02 56 29.4 +0.9
YKA	Lg	02 56 44.0	WVOR	comp=Z,1.8m,1.0s	28.14 123	EP	P	02 55 57.3 +0.3	ULM	comp=Z,1.9m,1.0s,baz=316,slow=9.2,SNR=22	31.72 88	LR	LR	03 10 31.2
YKB5	Pn	02 53 50.2 -3.9	WVOR	comp=Z,2.0m,20.0s	28.14 123	EP	P	02 55 57.3 +0.3	ULM	comp=Z,2.0m,20.0s	31.72 88	EP	P	02 56 29.3 +0.9
YBB5	Pn	02 53 57.1 +1.3	WVOR	comp=Z,1.8m,1.0s	28.14 123	EP	P	02 55 57.3 +0.3	ULM	comp=Z,2.0m,20.0s	31.72 88	EP	P	02 56 29.3 +0.9
YBB5	LR	03 00 33.6	WVOR	comp=Z,2.0m,20.0s	28.14 123	EP	P	02 55 57.3 +0.3	ULM	comp=Z,2.0m,20.0s	31.72 88	EP	P	02 56 29.3 +0.9
ATKA	P	02 54 01.6 +0.6	PETK	Petropavlovsk	28.18 273	P	P	02 55 57.4 +0.3	NVAR	Mina Array Sit	31.76 127	EP	P	02 56 29.4 +0.2
PGC	P	02 54 50.8 +1.8	PETK	comp=Z,4.5nm,0.8s,baz=74,slow=12,SNR=8.3	28.18 273	P	P	03 07 34.3	NVAR	Mina Array Bn	31.76 127	EP	P	02 56 30.1 +0.9
VDB	P	02 54 52.3 +1.0	BOZ	comp=Z,991nm,20.2s,baz=19,slow=37	28.26 111	EP	P	02 55 59.6 +1.5	NVAR	comp=Z,2.2m,0.7s,baz=313,slow=2.0,SNR=4	31.76 127	EP	ScP	02 59 21.1 +1.1
A04D	P	02 54 52.5 +1.0	BOZ	Bozeman (W)	28.26 111	EP	P	02 55 59.6 +1.5	NVAR	comp=Z,2.2m,0.7s,baz=313,slow=2.0,SNR=4	31.76 127	EP	ScP	03 03 03.8 +1.1
RES	P	02 54 55.8 -0.8	BOZ	comp=Z,99nm,2.0s	28.26 111	EP	P	02 55 59.2 +1.1	NVAR	comp=Z,0.9nm,0.8s,baz=234,slow=1.1,SNR=4.0	31.76 127	EP	LR	03 10 51.9
RES	LR	03 05 55.5	BOZ	comp=Z,3.0m,19.0s	28.26 111	EP	P	02 55 59.2 +1.1	MDND	Maddock	31.81 95	EP	P	02 56 30.4 +1.2
RES	P	02 54 55.8 -0.8	BOZ	Bozeman (W)	28.26 111	EP	P	02 55 59.6 +1.5	MDND	Maddock	31.81 95	EP	P	02 56 28.8 -0.4
OSR	P	02 54 59.4 +2.1	BOZ	Bozeman (W)	28.26 111	EP	P	02 55 59.6 +1.5	NV11	Mina Array Sit	31.82 126	EP	P	02 56 30.6 +1.0
EDM	P	02 54 57.9 +0.6	KMRM	Mail Ridge	28.29 133	EP	P	02 56 01.2 +2.8	B30A	Myrvik Farm, E	31.93 93	P	P	02 56 31.2 +0.9
EDM	P	02 54 57.9 +0.6	WDC	Whiskeytown 2s	28.36 131	EP	P	02 55 59.9 +1.0	F26A	Lodgepole	31.97 100	P	P	02 56 31.0 +0.2
B05A	P	02 54 58.8 +0.8	WDC	comp=Z,4.4nm,1.1s	28.36 131	EP	P	02 55 59.9 +1.0	E27A	Carson	32.01 99	P	P	02 56 32.1 +1.0
B06A	P	02 54 59.6 +1.3	WDC	Whiskeytown 1s	28.36 131	EP	P	02 55 59.9 +1.0	G25A	Newell	32.15 102	P	P	02 56 33.3 +0.9
NLWA	P	02 55 00.3 +1.7	MFID	Camas Ranch	28.38 118	EP	P	02 55 59.9 +0.7	F27A	Leomon	32.24 100	P	P	02 56 34.2 +1.1
NLWA	LR	02 55 00.3 +1.7	MCMT	McKenzie Canyo	28.41 113	EP	P	02 56 00.8 +1.2	B31A	Greenbush Farm	32.25 92	P	P	02 56 33.5 +0.3
JCW	P	02 55 00.8 +1.4	HLID	Hailey	28.42 116	EP	P	02 56 04.3 +1.2	E28A	Huff	32.29 98	P	P	02 56 33.3 -0.2
E03A	P	02 55 09.8 +2.5	HLID	comp=Z,2.4nm,0.9s	28.42 116	EP	P	02 56 04.0 +0.9	DUG	Dugway, Tooele	32.30 118	EP	P	02 56 35.0 +1.2
D05A	P	02 55 11.3 +3.4	HLID	comp=Z,3.0m,22.0s	28.42 116	EP	P	02 56 04.3 +0.8	DUG	comp=Z,2.4nm,1.4s	32.30 118	EP	P	02 56 35.0 +1.2
B08A	P	02 55 10.1 +1.2	O03D	Paynes Creek	28.47 130	P	P	02 56 06.2 +1.4	DUG	comp=Z,2.4nm,1.4s	32.30 118	EP	P	02 56 35.0 +1.2
ETW	P	02 55 12.1 +0.9	QLMT	Earthquake Lak	29.00 111	EP	P	02 56 08.2 +1.6	DUG	Dugway, Tooele	32.30 118	EP	P	02 56 35.0 +1.2
RCS	P	02 55 13.6 +1.6	YMC	Maple Creek	29.24 111	EP	P	02 56 07.1 -0.1	DUG	comp=Z,2.4nm,1.4s	32.30 118	EP	P	02 56 35.0 +1.2
WTV	P	02 55 12.8 +1.0	DMGT	Dagmar	29.30 99	EP	P	02 56 08.1 +1.0	D29A	Petibone, Tap	32.41 96	P	P	02 56 36.4 +1.8
WTV	P	02 55 12.8 +1.0	YMR	Madison River	29.33 111	EP	P	02 56 09.6 +1.9	A32A	Rocking H Ranch	32.41 91	P	P	02 56 35.6 +1.1
WTV	P	02 55 12.8 +1.0	TIXI	Tiksi	29.34 320	EP	P	02 56 06.6 -0.6	C30A	Mose, Bekin	32.42 94	P	P	02 56 35.3 +0.7
LON	P	02 55 14.0 +1.5	TIXI	comp=Z,1.6nm,1.0s	29.34 320	EP	P	02 56 06.7 -0.6	G26A	Maurine	32.43 101	P	P	02 56 34.9 +0.1
LON	P	02 55 14.0 +1.5	TIXI	comp=Z,1.2nm,0.7s	29.34 320	EP	P	02 56 06.7 -0.6	H25A	Fruitdale	32.52 103	P	P	02 56 36.1 +0.4
LTY	P	02 55 13.3 +0.7	YNR	Norris Junction	29.41 111	EP	P	02 56 10.9 +2.5	LRV	Little Rabbit	32.62 132	EP	P	02 56 38.1 +1.6
NAC	P	02 55 17.6 +1.3	A25A	Svagsutu Ranch	29.43 97	P	P	02 56 08.8 +0.5	MTUM	Tungsten Hills	32.62 132	EP	P	02 56 38.6 +1.8
F04A	P	02 55 18.1 +1.2	YFT	Old Faithful	29.56 111	EP	P	02 56 12.2 +2.5	G27A	Dupree	32.66 100	P	P	02 56 36.1 -0.7
C09A	P	02 55 19.7 +2.2	ORV	Oroville	29.64 130	EP	P	02 56 10.5 +0.3	C31A	Laman Farms	32.69 93	P	P	02 56 36.1 -0.8
NEW	P	02 55 19.0 +0.5	ORV	comp=Z,1.2nm,1.0s	29.64 130	EP	P	02 56 10.5 +0.3	RSSD	Black Hills	32.73 104	EP	P	02 56 38.5 +0.9
NEW	P	02 55 19.2 +0.7	ORV	Oroville	29.64 130	EP	P	02 56 10.5 +0.3	RSSD	comp=Z,2.6nm,0.6s	32.73 104	EP	P	02 56 38.1 +0.5
NEW	P	02 55 19.3 +0.8	ORV	Oroville	29.64 130	EP	P	02 56 10.5 +0.3	RSSD	Black Hills	32.73 104	EP	P	02 56 38.5 +0.9
NEW	P	02 55 19.2 +0.7	LKWW	Lake	29.65 110	EP	P	02 56 13.2 +2.6	RSSD	Black Hills	32.73 104	EP	P	02 56 38.5 +0.9
G03D	P	02 55 21.1 +1.3	LKWW	comp=Z,3.7nm,1.0s	29.65 110	EP	P	02 56 13.2 +2.6	D30A	Buchanan	32.74 95	P	P	02 56 37.0 -0.5
D08A	P	02 55 21.0 +0.3	LKWW	comp=Z,8.0m,22.0s	29.65 110	EP	P	02 56 13.2 +2.6	E29A	Napoleon	32.76 97	P	P	02 56 38.2 +0.6
E07A	P	02 55 21.9 +0.7	LKWW	comp=Z,8.0m,22.0s	29.65 110	EP	P	02 56 13.2 +2.6	B32A	Ashes, Strandq	32.77 91	P	P	02 56 37.7 0.0
HAWA	LR	02 55 24.0 +0.5	RLMT	Red Lodge	29.68 108	EP	P	02 56 10.9 +0.1	F28A	McLaughlin	32.80 99	P	P	02 56 39.3 +1.3
WALA	LR	02 55 25.1 -0.2	RLMT	Red Lodge	29.68 108	EP	P	02 56 12.0 +1.2	NLU	North Lily Min	32.80 117	EP	P	02 56 39.5 +1.2
G05D	P	02 55 27.4 +1.3	RLMT	comp=Z,4.6nm,1.1s	29.68 108	EP	P	02 56 12.0 +1.2	R11A	Troy Canyon, C	32.83 123	P	P	02 56 38.7 +0.2
SEY	P	02 55 27.8 +0.4	H17A	Grant Village	29.71 111	P	P	02 56 13.9 +2.8	R11A	Troy Canyon, C	32.83 123	EP	P	02 56 38.7 +0.2
SEY	Lg	03 03 14.8	H17A	Grant Village	29.71 111	P	P	02 56 13.7 +2.6	R11A	comp=Z,2.4nm,1.4s	32.83 123	EP	P	03 03 03.8 +0.6
SEY	P	02 55 28.2 +0.9	OHCM	Houcat	29.84 130	EP	P	02 56 12.2 +0.3	K22A	Casper	32.84 108	EP	P	02 56 37.6 -0.9
H04A	P	02 55 28.5 +0.9	B25A	Knox Farm, Ray	29.91 98	EP	P	02 56 13.4 +0.8	K22A	Casper	32.84 108	EP	P	02 56 39.5 +1.0
G06A	P	02 55 29.4 +0.9	FLWY	Flagg Ranch	29.91 111	EP	P	02 56 14.8 +2.0	A33A	Warroad	32.89 90	P	P	02 56 37.9 -0.8
BSMT	P	02 55 31.1 +0.6	A26A	Wade Farm, Ken	29.94 96	P	P	02 56 13.3 +0.5	H26A	Fairpoint	32.89 102	P	P	02 56 39.5 +0.7
I03D	P	02 55 32.3 +0.8	MOOV	Moose Ponds	30.17 112	EP	P	02 56 17.0 +1.9	E30A	Jud	33.13 96	P	P	02 56 41.4 +0.4
JTMT	P	02 55 33.9 +0.9	B26A	Jensen Ranch,	30.24 97	P	P	02 56 16.7 +1.2	AGMM	Agassiz Nation	33.15 91	P	P	02 56 41.7 +0.8
I05D	P	02 55 34.2 +1.1	C25A	Freud Ranch, W	30.28 99	P	P	02 56 17.1 +1.2	AGMM	Agassiz Nation	33.15 91	EP	P	02 56 41.8 +0.8
I04A	P	02 55 34.7 +0.9	LOHW	Long Hollow	30.34 112	EP	P	02 56 18.2 +1.6	H27A	Hoves	33.18 101	P	P	02 56 42.2 +0.8
G08A	P	02 55 34.6 +0.6	AFDM	Forest Hills D	30.36 130	EP	P	02 56 17.3 +0.6	F29A	Eureka	33.24 98	P	P	02 56 42.4 +0.5
F10A	P	02 55 35.5 +0.4	SNOW	Snow King Moun	30.40 112	EP	P	02 56 18.7 +1.5	D31A	McClaffin, Tow	33.25 94	P	P	02 56 41.8 -0.1
SWMT	P	02 55 36.4 +0.6	REDW	Red Top Meadow	30.44 112	EP	P	02 56 18.8 +1.3	B33A	Robert and Kas	33.29 91	P	P	02 56 41.5 -0.1
FFC	P	02 55 37.2 +0.2	FFC	comp=Z,2.8nm,1.1s	30.68 100	P	P	02 56 20.3 +0.8	I26A	New Underwood	33.31 103	P	P	02 56 45.5 -1.1
FFC	P	02 55 37.2 +0.2	C26A	Wahner Farm, P	30.71 97	P	P	02 56 20.3 +0.7	RCTC	Rector, Farmer	33.33 130	P	P	02 56 43.1 +0.4
FFC	LR	02 55 37.2 +0.2	A28A	Rude Farm, Bot	30.72 94	P	P	02 56 22.3 +2.5	G28A	Parade	33.35 100	P	P	02 56 41.7 -1.1
J04D	P	02 55 43.6 +0.6	AHID	Auburn Hatcher	30.83 113	EP	P	02 56 22.4 +1.4	GRAC	Grapevine Rang	33.37 127	P	P	02 56 43.2 +0.1
BMO	LR	02 55 43.9 +0.7	AHID	comp=Z,2.8nm,1.0s	30.83 113	EP	P	02 56 22.4 +1.4	J25A	Sunshine Ranch	33.42 104	P	P	02 56 42.0 -1.5
BMO	LR	02 55 43.9 +0.7	ELK	Elko	30.88 121	EP	P	02 56 23.2 +1.7	D32A	Dogwood Acres,	33.50 93	P	P	02 56 43.8 -0.3
J04D	P	02 55 44.6 +1.6	ELK	comp=Z,1.2nm,1.0s	30.88 121	EP	P	02 56 23.1 +1.7	E31A	Nome	33.55 95	P	P	02 56 45.0 +0.5
L02D	P	02 55 46.3 +1.0	HVU	Hansel Valley	30.97 116	EP	P	02 56 23.4 +1.3	B34A	Aery, Baudette	33.55 90	P	P	02 56 43.5 -1.0
K05A	P	02 55 49.0 +1.7	HVU	comp=Z,1.8nm,0.8s	30.97 116	EP	P	02 56 23.4 +1.3	C33A	Trail	33.59 92	P	P	02 56 45.1 +0.3
EGMT	P	02 55 48.6 +0.1	B28A	Dugan Ranch, T	31.02 95	P	P	02 56 23.4 +1.1	H28A	Mission Ridge	33.61 100	P	P	02 56 4

Table with columns: ID, Name, baz, SNR, P, M, L, R, S, V, W, X, Y, Z, and numerical values. Includes entries like Y22D IRIS PASSCAL I, P35A Duane Minner, TUC Tucson, etc.

Table with columns: ID, Name, baz, SNR, P, M, L, R, S, V, W, X, Y, Z, and numerical values. Includes entries like R40A Maddies Statio, MNTX Cornudas Mount, MNTX Cornudas Mount, etc.

Table with columns: ID, Name, baz, SNR, P, M, L, R, S, V, W, X, Y, Z, and numerical values. Includes entries like TXAR Lajitas Array, TXAR Lajitas Array, LONY Lake Ozonia, etc.

23d 5h

Table of astronomical observations for 23 days and 5 hours, listing stations (SIM, SEV, BRTR, etc.), object names (Simferopol, Sevastopol, etc.), and various parameters like magnitude and position.

2011 JAN

Main table of astronomical observations for January 2011, organized by station (STU, HFS, KURK, etc.) and object name (Stuttgart, Kurchatov, etc.), including coordinates and observation details.

1158

Table of astronomical observations for 1158, listing stations (GRMC, CAPV, OCAC, etc.), object names (Capacho, Ocana, etc.), and observation parameters.

Table of astronomical observations for January 2011, including station names (e.g., COA, BAR, SWSC), station IDs, coordinates, and observation times.

Table of astronomical observations for January 2011, including station names (e.g., ANMO, FSU, PV05), station IDs, coordinates, and observation times.

Table of astronomical observations for January 2011, including station names (e.g., IDC, JMA, JMCB), station IDs, coordinates, and observation times.

23d 6h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, and other parameters. Includes stations like Sabancuy, Comitan, Matias Romero, etc.

2011 JAN

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, and other parameters. Includes stations like Oakley, Beatrice, Tucson, etc.

1160

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, and other parameters. Includes stations like Monument Peak, Glamis, Camp Elliot, etc.

ISCJB 23 05:59:19.4, 0.8, 39.08N, 106.14E, h0km, mb3.7/9, mb1.3/9.1, mb1mx3.6/36, mbmtmp3.7/11, ML3.3/2, Error ellipse: s-maj=35.7km, s-min=15.0km, az=59.0

NEIC 23 05:59:29.6, 31.23N, 115.69W, h5km, MD4.0(MEX), ML4.1(1ECX), After ECX.

ECX 23 05:59:29.6, 31.23N, 115.69W, h5km, MD3.9, ML4.1, Fault plane solution: N P1.0, 120.00000, 89.00000, 10.00000.

MEX 23 05:59:30.2, 1.0, 31.06N, 115.69W, h17km, 74km, MD4.0, DC 23 05:59:31.2, 2.1, 48N, 115.40W, h0km, mb3.3/2, mb1.3/5.6, mb1mx3.4/43, mbmtmp3.1/6, ML3.5/4, Error ellipse: s-maj=39.6km, s-min=11.3km, az=44.0

ISC 23 05:59:29.9, 1.0, 31.25N, 115.68W, 0.03, h5km, 9km, n60, c120/86, 6C-4D, Baja California

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, and other parameters. Includes stations like San Pedro Mart, Cerro Prieto, Cerro Bola, etc.

IDC 23 05:59:19.4, 0.8, 39.08N, 106.14E, h0km, mb3.7/9, mb1.3/9.1, mb1mx3.6/36, mbmtmp3.7/11, ML3.3/2, Error ellipse: s-maj=35.7km, s-min=15.0km, az=59.0

ISCJB 23 05:59:29.6, 31.23N, 115.69W, h5km, MD4.0(MEX), ML4.1(1ECX), After ECX.

ISC 23 05:59:24.6, 0.9, 39.2N, 0.1, 106.2E, 0.2, h35km, mb3.7/8, Error ellipse: s-maj=24.9km, s-min=12.9km, az=147.0

ISC 23 05:59:24.6, 0.9, 39.2N, 0.1, 106.2E, 0.2, h35km, n11, c029/11, mb3.9/8, Western Nei Mongol

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, and other parameters. Includes stations like Songino Array, Malanchal Array, ZALV, etc.

CSEM 23 06:02:45.7, 0.3, 56.70N, 5.86W, h10km, ML3.5, Error ellipse: s-maj=8.6km, s-min=3.1km, az=92.0

LDG 23 06:02:47.9, 0.1, 56.81N, 5.76W, h16km, MI3.8/17, Error ellipse: s-maj=2.5km, s-min=1.0km, az=83.0

BER 23 06:02:49.7, 0.7, 56.82N, 5.83W, h13km, 3km, MD3.2, ML3.1, ML3.0(NAO)

BGS 23 06:02:49.3, 0.8, 56.82N, 5.78W, h16km, 4km, ML3.5, NEIC 23 06:02:49.3, 56.82N, 5.78W, h16km, ML3.5(BGS), After ECX.

NEIC 23 06:02:49.3, 56.82N, 5.78W, h16km, ML3.5(BGS), After ECX.

PARIS 23 06:02:52.4, 6.6, 56.94N, 5.26W, h21km, 25km, ISC 23 06:02:47.6, 0.8, 56.80N, 0.02, 5.54W, 0.03, h18km, 3km, n201, c141/243, 5C-24D, United Kingdom

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station, and other parameters. Includes stations like Sheil Bridge, Plockton, etc.

Table with columns: KPL, Plockton, 0.54 353, J/P, Pb, 06 02 59.3, +0.7, Sg, 06 03 06.2, +0.4, AML, 06 03 10.3, etc.

Table with columns: ESK, Eskdaleuir, 1.98 138, eP, Pb, 06 03 23.0, 0.0, AML, 06 03 10.3, etc.

Table with columns: BCCLA, Clavier, 9.07 130, P, Pn, 06 05 00.3, +2.8, GIVF, Givet, 9.11 133, ePn, Sn, 06 04 57.8, -0.3, etc.

ISCJB 23 06:03:27.7:0.5, 31'28N, 0'05:11.66W, 0.04, h9km, gkm, Error ellipse: s-maj=8.9km s-min=6.0km az=19.8 ECX 23 06:03:28.7:0.5, 31'25N, 1'15:66W, h5km, MD2.7, ML2.9 MEX 23 06:03:29.9:0.5, 31'13N, 1'15:65W, h15km, 26km, MD3.7 ISC 23 06:03:27.6:0.9, 31'27N, 0'06:11.67W, 0.04, h1km, n11, e0939/19, 4C-6D, Baja California Code Station Name Az° Op Time Res ISC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like J28A Allard Ranch, F35A Swanville, WUJAZ Wupatki, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like V34A Guthrie, CPUP Villa Florida, CPUP Villa Florida, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like Z38A Mt. Pleasant, BLA Blacksburg, BLA Blacksburg, etc.

SCB 23 09:13:37.3+1.0, 11.92S:68.91W, h58km, MI3.8+2, 1C, Error ellipse: s-maj=96.0km s-min=20.4km az=83.0, Peru-Bolivia border region. Includes a table with columns: Code, Station Name, Az, Phase ID, Time, Res.

Table with columns: TWG, Pinlang, 1.83 280 eP, Pn, 09 18 59.9 -0.5, etc. Lists various astronomical objects and their coordinates.

Table with columns: TCU, Taichung, 2.71 308 eP, Pb, 09 19 15.0 -2.9, etc. Lists various astronomical objects and their coordinates.

Table with columns: OKC, Ostrava-Krasne, 2.21 142 Pn, Pn, 09 24 47.1 -0.7, etc. Lists various astronomical objects and their coordinates.

ISC/JB 23 09:24:09.1±0.3, 51.55N, 16.10E, h0km, mb3.4/3, Error ellipse: s-maj=2.7km s-min=2.1km az=20.4

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists station information and observation details.

934A	Benavides	66.99	335	P	P	10 09 49.7	+0.9
933A	Laredo	67.26	334	P	P	10 09 51.3	+0.8
835A	Beeville	67.38	336	P	P	10 09 52.6	+1.3
834A	Tilden	67.48	335	P	P	10 09 53.3	+1.4
736A	Circle Diamond	67.75	337	P	P	10 09 54.6	+1.1
735A	Kenedy	67.90	336	P	P	10 09 55.2	+0.7
833A	Chaparral WMA	67.95	335	P	P	10 09 55.5	+0.7
637A	Eagle Lake	67.96	338	P	P	10 09 56.2	+1.3
832A	Faith Ranch, C	68.12	334	P	P	10 09 56.3	+0.4
734A	La Parita Cree	68.14	335	P	P	10 09 56.6	+0.5
636A	Smothers Creek	68.23	337	P	P	10 09 57.4	+0.8
733A	Divot King Ran	68.28	335	P	P	10 09 57.3	+0.3
SLBS	Sierra La Lagu	68.35	323	eP	P	10 09 58.5	+1.0
537A	Green Hill Far	68.55	338	eP	P	10 09 59.0	+0.4
GOGA	GODFREY	68.87	350	eP	P	10 09 59.7	-0.8
GOGA	GODFREY	68.87	350	eP	P	10 09 59.7	-0.8
535A	Dale	68.90	337	P	P	10 10 01.2	+0.4
633A	Saathoff Ranch	68.91	335	P	P	10 10 01.2	+0.3
VBMS	Vicksburg	69.02	344	P	P	10 10 02.0	+0.5
LRAL	Lakeview Retre	69.07	347	eP	P	10 10 01.5	-0.2
340A	Bronson	69.10	341	P	P	10 10 01.0	-1.0
HPIG	comp=Z,14nm,1.0s	69.17	329	eP	P	10 10 03.2	+0.4
534A	Blanco	69.20	336	P	P	10 10 02.5	-0.2
339A	Huntington	69.21	340	P	P	10 10 03.1	+0.5
TVO	Taravaco	69.43	262	eT	T	11 25 24.6	
533A	Kerrville	69.43	336	P	P	10 10 04.1	0.0
338A	Crockett	69.45	339	P	P	10 10 04.9	+0.8
JSC	Jenkinsville	69.45	352	eP	P	10 10 03.3	-0.8
JSC	Jenkinsville	69.45	352	eP	P	10 10 03.3	-0.8
JSC	Jenkinsville	69.45	352	eP	P	10 10 03.3	-0.8
337A	Centerville	69.58	339	P	P	10 10 06.0	+1.0
435B	Jarrell	69.61	337	P	P	10 10 05.1	-0.1
PAE	Paea	69.67	262	eT	T	11 25 48.9	
PPT2	Papeete2	70.47	262	eLR	LR	10 31 23.5	
434A	Burnet	69.86	337	P	P	10 10 06.5	-0.2
336A	Riesel	69.93	338	P	P	10 10 07.0	-0.2
335A	Moody	70.02	337	P	P	10 10 08.1	+0.5
JCT	Junction City	70.06	335	eP	P	10 10 08.1	+0.1
JCT	Junction City	70.06	335	eP	P	10 10 08.0	0.0
JCT	Junction City	70.06	335	eP	P	10 10 08.1	+0.1
433A	Art	70.07	336	P	P	10 10 08.3	+0.3
237A	Washetta, Mont	70.19	339	P	P	10 10 09.4	+0.6
334A	Lometa	70.32	337	P	P	10 10 10.0	+0.4
432A	Menard	70.42	335	P	P	10 10 10.3	+0.1
TX31	Lajitas Ar. Si	70.46	331	eP	P	10 10 10.8	+0.2
TXAR	Lajitas Aray	70.46	331	eP	P	10 10 10.7	+0.2
431A	Sonora	70.57	335	P	P	10 10 11.0	+0.1
333A	Richland Sprin	70.56	336	P	P	10 10 10.8	-0.2
WHTX	Lake Whitney,	70.68	338	P	P	10 10 11.7	0.0
WHTX	Lake Whitney,	70.68	338	eP	P	10 10 11.6	-0.2
332A	Millersview	70.87	336	P	P	10 10 13.0	+0.1
234A	Clairette	70.91	337	P	P	10 10 13.0	-0.1
OXF	Oxford	70.98	345	eP	P	10 10 12.5	-0.9
OXF	Oxford	70.98	345	eP	P	10 10 12.5	-0.9
SWET	Sewanee	71.02	348	eP	P	10 10 13.5	-0.2
CPCT	Cooper Cave	71.02	350	eP	P	10 10 13.5	-0.2
TKL	Tuckaleechee C	71.12	350	eP	P	10 10 13.3	-1.0
TKL	Tuckaleechee C	71.12	350	eP	P	10 10 13.3	-1.0
233A	Rising Star	71.17	336	P	P	10 10 14.6	-0.1
135A	Vickery Place,	71.19	338	P	P	10 10 14.4	-0.4
232A	Coleman	71.30	336	P	P	10 10 15.2	-0.3
330A	Mertzon	71.39	334	P	P	10 10 15.9	+0.1
134A	White-Moore Ra	71.42	337	P	P	10 10 16.2	+0.1
236A	Blue Ridge	71.56	339	P	P	10 10 16.9	-0.1
231A	Bronte	71.57	335	P	P	10 10 17.0	-0.1
138A	Idabel	71.70	341	P	P	10 10 17.9	0.0
Y33A	Hamilton Ranch	71.72	337	P	P	10 10 18.1	0.0
230A	Sterling City	71.80	335	P	P	10 10 18.7	+0.1
235A	Perchaven, San	71.87	338	P	P	10 10 19.0	+0.1
ABTX	Ablene, Hawle	71.97	336	P	P	10 10 19.4	-0.2
ABTX	Ablene, Hawle	71.97	336	eP	P	10 10 19.3	-0.2
MIAR	Mount Ida	71.98	342	eP	P	10 10 18.9	-0.6
MIAR	Mount Ida	71.98	342	eP	P	10 10 20.5	+1.0
MIAR	Mount Ida	71.98	342	eP	P	10 10 18.9	-0.6
Y37A	Hugo	72.00	340	P	P	10 10 20.1	+0.6
Y36A	Durant	72.11	339	P	P	10 10 21.1	+0.8
HBAR	Harrisburg	72.25	345	eP	P	10 10 20.3	-0.8
BLA	Blacksburg	72.27	353	eP	P	10 10 20.0	-1.2
BLA	Blacksburg	72.27	353	eP	P	10 10 19.9	-1.2
131A	Roby	72.27	336	P	P	10 10 21.1	-0.2
MAW	Mawson	72.29	164	P	P	10 10 22.0	+0.9
MAW	Mawson	72.29	164	eP	P	10 10 21.8	+0.8

MAW	Mawson	72.29	164	eP	P	10 10 21.8	+0.8
Z33A	Whitaker Ranch	72.30	337	P	P	10 10 21.4	-0.1
Y35A	Marietta	72.34	339	P	P	10 10 21.9	+0.3
130A	Snyder	72.39	335	P	P	10 10 21.9	-0.2
X38A	Whitesboro	72.43	341	P	P	10 10 22.0	-0.1
X37A	Clayton	72.50	340	P	P	10 10 22.5	-0.1
Y34A	Reagan Ranch,	72.60	338	P	P	10 10 22.8	-0.4
W38A	Poteau	72.72	341	P	P	10 10 24.0	+0.1
X36A	Centrahoma	72.76	340	P	P	10 10 23.6	-0.5
X35A	Drake	72.78	339	P	P	10 10 24.0	-0.3
Y33A	Hilltop Ranch,	72.92	338	P	P	10 10 24.7	-0.4
PARMO	Parma	73.13	346	eP	P	10 10 26.4	+0.2
Y32A	R-V Farms, Ver	73.17	337	P	P	10 10 26.4	-0.2
X34A	Smith Ranch, M	73.22	338	P	P	10 10 27.0	+0.1
MNTX	Cornudas Moun	73.23	331	eP	P	10 10 26.3	-0.7
MNTX	Cornudas Moun	73.23	331	eP	P	10 10 26.4	-0.7
HSIG	comp=Z,7.1nm,0.8s	73.32	325	eP	P	10 10 28.5	+0.9
X33A	Lawton	73.37	338	P	P	10 10 27.5	-0.3
PBMO	Poplar Bluff	73.38	345	eP	P	10 10 26.9	-0.9
Y31A	Rekieta Farm,	73.40	336	P	P	10 10 27.9	-0.1
V38A	Canmill	73.44	342	P	P	10 10 27.5	-0.7
W35A	Tecumseh	73.45	339	P	P	10 10 27.7	-0.5
X32A	Elmer	73.51	337	P	P	10 10 28.8	+0.2
V37A	Hulbert	73.65	341	P	P	10 10 29.3	-0.1
V36A	Jenks	73.78	340	P	P	10 10 29.8	-0.4
TUL1	Leonard	73.86	340	P	P	10 10 30.3	-0.3
TUL1	Leonard	73.86	340	eP	P	10 10 29.5	-1.0
X31A	McDonald Ranch	73.92	337	P	P	10 10 30.7	-0.3
W33A	Caddo, Fort Co	73.92	338	P	P	10 10 31.3	+0.2
V35A	Mey Ranch, C	74.01	340	P	P	10 10 31.2	-0.3
SIUC	Southern Illin	74.04	346	eP	P	10 10 30.9	-0.6
X30A	Coker Ranch, T	74.05	336	P	P	10 10 32.0	+0.1
U37A	Salina	74.14	341	P	P	10 10 31.9	-0.3
W32A	Sentinel	74.14	337	P	P	10 10 32.4	+0.1
T40A	Mansfield	74.20	343	P	P	10 10 32.1	-0.5
MSTX	Muleshoe	74.27	334	P	P	10 10 33.1	-0.1
MSTX	Muleshoe	74.27	334	eP	P	10 10 32.8	-0.4
T39A	Clever	74.28	343	P	P	10 10 32.7	-0.3
U36A	Oologah	74.29	341	P	P	10 10 32.7	-0.4
W31A	Holland Ranch,	74.42	337	P	P	10 10 33.9	-0.1
V33A	Lossen Ranch,	74.49	338	P	P	10 10 34.2	-0.2
U35A	Pawnee	74.55	340	P	P	10 10 34.5	-0.1
S40A	Lebanon	74.62	344	P	P	10 10 34.7	-0.4
V32A	Arapaho	74.63	338	P	P	10 10 34.7	-0.4
AMTX	Amarillo	74.72	335	P	P	10 10 35.7	0.0
AMTX	Amarillo	74.72	335	eP	P	10 10 35.8	0.0
T37A	Cheneyville 18	74.77	342	P	P	10 10 35.4	-0.5
U34A	Anderson Ranch	74.84	339	P	P	10 10 36.1	-0.3
S39A	Bolivar	74.91	343	P	P	10 10 35.7	-1.0
V31A	Spring Creek L	74.93	337	P	P	10 10 37.9	+1.0
121A	Cookes Peak, D	74.94	330	P	P	10 10 38.2	+1.0
T36A	Boggs Farm, Ca	74.96	341	P	P	10 10 36.8	-0.2
BLO	Bloomington	74.98	349	eP	P	10 10 36.2	-0.8
BLO	Bloomington	74.98	349	eP	P	10 10 36.1	-0.8
S38A	Stockton	74.99	343	P	P	10 10 36.7	-0.5
T35A	Sooner Cattle	75.00	340	P	P	10 10 37.2	0.0
U32A	Winter Ranch,	75.22	338	P	P	10 10 38.5	0.0
R40A	Maddies Statio	75.23	344	P	P	10 10 38.0	-0.5
T34A	McCloskey Farm	75.29	340	P	P	10 10 38.8	-0.1
S37A	Fort Scott	75.34	342	P	P	10 10 38.6	-0.6
R39A	Chumby, Stover	75.43	343	P	P	10 10 39.0	-0.7
LIC	Lamto	75.47	72	ePKP2	P	10 10 40.3	-0.2
SSPA	Standing Stone	75.47	356	eP	P	10 10 39.6	-0.2
S36A	Lake Cedric, C	75.51	341	P	P	10 10 39.5	-0.6
R38A	Fenwick Farm,	75.52	343	P	P	10 10 39.6	-0.6
ACSO	Alum Creek Sta	75.53	352	eP	P	10 10 39.5	-0.7
T33A	Patterson Ranc	75.65	339	P	P	10 10 41.2	+0.3
S35A	Otter Creek Ra	75.66	341	P	P	10 10 40.8	-0.2
TIC	Toumudi	75.74	71	ePKP2	P	10 10 41.2	-0.8
KIC	Kosan Boka	75.74	72	ePKP2	P	10 10 41.6	-0.7
ODNJ	Ogdensburg	75.78	358	eP	P	10 10 41.8	+0.2
Q40A	Laux Farm, Aux	75.86	344	P	P	10 10 41.7	-0.4
R37A	Teardden Farm	75.87	342	P	P	10 10 41.7	-0.5
DBIC	Dimbokro	75.88	71	P	P	10 10 42.4	-0.4
DBIC	Dimbokro	75.88	71	eP	P	10 10 42.5	-0.2
DBIC	Dimbokro	75.88	71	eP	P	10 10 42.6	-0.2
DBIC	Dimbokro	75.88	71	eP	P	10 10 42.6	-0.2
U30A	WK&E Inc. Balk	75.88	337	P	P	10 10 42.5	+0.1
BNM	Barnes Site	75.88	331	eP	P	10 10 43.7	+1.0
T32A	Huddler Ranch,	75.94	339	P	P	10 10 42.8	+0.2
RAR	Rarotonga	75.99	254	LR	LR	10 35 22.1	
LPM	Los Pinos Moun	76.03	331	P	P	10 10 44.4	+1.0
TUC	Tucson	76.03	327	eP	P	10 10 44.3	+0.9
TUC	Tucson	76.03	327	eP	P	10 10 44.3	+0.9

TUC	Tucson	76.03	327	eP	P	10 10 44.3	+0.9
T31A	Randall Ranch,	76.09	338	P	P	10 10 43.4	-0.2
Q39A	Willow Grove F	76.11	344	P	P</		

23d 9h

PFO	comp=Z,11nm,0.9s Pinyon Flats O baz=145	79.74 324	P	P	10 11 04.9 +0.8
PFO	Pinyon Flats O comp=Z,11nm,0.9s	79.74 324	eP	P	10 11 05.5 +1.5
N29A	Votaw Ranch	79.80 339	P	P	10 11 05.0 +0.8
M31A	Lambrecht Ranc baz=157	79.81 340	P	P	10 11 04.1 0.0
BELC	Belle Mtn. Jos baz=145	79.84 324	P	P	10 11 05.6 +1.1
K36A	Gilmore City baz=162	79.87 344	P	P	10 11 03.9 -0.4
BOSA	Goshof comp=Z,6.9nm,0.7s,baz=233,slow=3.3,SNR=10	79.93 118	P	P	10 11 04.8 -0.7
BOSA	LR				10 46 19.3
N28A	PhiBeno Ranch baz=156	79.96 338	P	P	10 11 05.5 +0.5
MURC	Murrieta baz=144	80.10 323	P	P	10 11 07.0 +1.1
PV01	Paradox Valley Dale-Ortello V baz=158	80.12 332	eP	P	10 11 06.7 +0.5
M30A	Paradox Valley Dale-Ortello V baz=158	80.25 340	P	P	10 11 06.6 +0.1
PV05	Paradox Valley Le Mars	80.28 331	eP	P	10 11 07.5 +0.5
K34A	Paradox Valley Le Mars	80.31 343	P	P	10 11 06.8 +0.1
J37A	Redenas Farm, baz=163	80.31 345	P	P	10 11 07.4 +0.7
OGNE	Ogallala baz=156	80.35 338	P	P	10 11 07.6 +0.5
OGNE	Ogallala comp=Z,83nm,2.6s	80.35 338	eP	P	10 11 07.8 +0.7
M29A	Burnside Ranch baz=157	80.40 339	P	P	10 11 08.1 +0.8
SMCO	Snowmass comp=Z,17nm,1.0s	80.44 334	eP	P	10 11 09.0 +1.0
ISCO	Idaho Springs comp=Z,5.0nm,0.8s	80.50 335	eP	P	10 11 08.5 +0.3
ISCO	Idaho Springs comp=Z,5.0nm,0.8s	80.50 335	pmax	pmax	
ISCO	Idaho Springs baz=153	80.50 335	P	P	10 11 08.4 +0.2
ISCO	Idaho Springs comp=Z,5.2nm,0.8s	80.50 335	eP	P	10 11 08.5 +0.2
PV10	Paradox Valley Catalina Islan baz=143	80.52 332	eP	P	10 11 08.3 +0.1
CIS	Paradox Valley Catalina Islan baz=143	80.54 322	P	P	10 11 09.0 +0.8
L31A	Butterfield Fa baz=158	80.55 340	P	P	10 11 08.8 +0.8
L30A	Spencer Heryo baz=158	80.58 340	P	P	10 11 08.9 +0.6
PV09	Paradox Valley Hector,Ludlow baz=145	80.66 332	eP	P	10 11 09.9 +0.8
HEC	Paradox Valley Hector,Ludlow baz=145	80.68 325	P	P	10 11 10.3 +1.3
I38A	Scanlan Farm, baz=164	80.75 346	P	P	10 11 08.1 -0.9
BFSO	Mount Baldy Ra baz=144	80.84 323	P	P	10 11 09.8 -0.2
J34A	George baz=161	80.84 343	P	P	10 11 09.7 +0.2
L29A	Maesberg Ranch baz=157	80.91 339	P	P	10 11 10.8 +0.8
K31A	O'Neill baz=158,SNR=5.7	80.94 341	P	P	10 11 10.2 +0.1
I37A	Lemond, Waseca baz=163	80.95 345	P	P	10 11 09.7 -0.4
I36A	Fitzsimmons Fa baz=162	81.09 344	P	P	10 11 10.7 -0.2
J33A	Davis baz=160,SNR=5.0	81.12 342	P	P	10 11 10.4 -0.6
I35A	Creekview Farm baz=161	81.15 344	P	P	10 11 10.6 -0.6
K30A	Basset baz=158	81.22 340	P	P	10 11 12.4 +0.7
GSC	Goldstone, Bar baz=145	81.29 325	P	P	10 11 13.0 +0.7
H37A	Dierke Farm, C baz=163	81.39 345	P	P	10 11 12.1 -0.3
J32A	Parkston baz=159	81.40 342	P	P	10 11 12.0 -0.5
ECSD	EROS Data Cent baz=163,SNR=1.1	81.42 343	P	P	10 11 12.6 -0.1
ECSD	EROS Data Cent comp=Z,32nm,0.9s	81.42 343	eP	P	10 11 12.2 -0.5
K29A	Lazy Trails An baz=155	81.50 340	P	P	10 11 13.3 +0.1
SHPR	Cheep Range EDWJ	81.51 326	eP	P	10 11 14.4 +0.9
EDWJ	Edwards Air Fo baz=144	81.52 324	P	P	10 11 13.5 +0.1
I34A	Hadley baz=161	81.53 343	P	P	10 11 13.4 +0.2
J31A	Geddes baz=158	81.56 341	P	P	10 11 13.2 -0.1
CCUT	Cedar City comp=Z,13nm,0.9s	81.58 328	eP	P	10 11 15.7 +1.7
N23A	Red Feather La baz=153	81.59 335	P	P	10 11 14.0 +0.1
N23A	Red Feather La comp=Z,8.9nm,1.0s	81.59 335	eP	P	10 11 14.6 +0.6
H36A	Jessenland, He baz=162	81.60 345	P	P	10 11 13.2 -0.3
SRU	San Rafael Swe comp=Z,8.0nm,0.9s	81.73 331	eP	pmax	10 11 14.7 +0.1
SRU	San Rafael Swe comp=Z,8.4nm,0.9s	81.73 331	eP	pmax	10 11 14.7 +0.1
O20A	White River Ci baz=151	81.74 333	P	P	10 11 15.1 +0.4
K28A	Ten Mile SNR=7.5 baz=159,SNR=7.5	81.76 339	P	P	10 11 15.0 +0.4
I33A	Coleman baz=160	81.78 343	P	P	10 11 13.8 -0.6
PHWY	Pilot Hill comp=Z,7.8nm,0.8s	81.78 336	eP	P	10 11 15.3 +0.4
J30A	Dallas baz=158	81.79 340	P	P	10 11 14.3 -0.3
MSU	Marysvale baz=161	81.89 330	eP	P	10 11 16.6 +1.1
MSU	Marysvale baz=161	81.89 330	eP	P	10 11 16.5 +1.1
H35A	Sunnyside Ranc baz=162,SNR=7.1	81.92 344	P	P	10 11 14.7 -0.5
SPMN	Marine on St. baz=163	81.98 346	P	P	10 11 14.0 -1.6
SPMN	Marine on St. comp=Z,16nm,1.0s	81.98 346	eP	P	10 11 14.3 -1.2
SBC	Santa Barbara baz=143	82.02 322	P	P	10 11 15.8 -0.1
P18A	Preston Nutter comp=Z,14nm,0.9s	82.07 331	eP	P	10 11 17.1 +0.6
J29A	Okreek baz=157,SNR=8.1	82.10 340	P	P	10 11 16.3 +0.1
H34A	Spellman Lake, baz=161	82.10 343	P	P	10 11 15.7 -0.5
P17A	Butcher Ranch, comp=Z,10nm,0.9s	82.13 331	eP	P	10 11 17.2 +0.5
TMUT	Trail Mountain comp=Z,10nm,1.0s	82.17 331	eP	P	10 11 17.8 +0.7
I31A	Royce, Wessing baz=159	82.19 341	P	P	10 11 16.4 -0.3
LBTB	Lobatse comp=Z,5.4nm,0.7s,baz=248,slow=5.3,SNR=8.3	82.22 115	P	P	10 11 17.4 -0.2
MPMC	Manual Prospec baz=144	82.23 325	P	P	10 11 18.0 +0.7
FURC	Furnace Creek, baz=145	82.26 325	P	P	10 11 17.4 +0.2
I30A	Oacoma baz=158	82.32 341	P	P	10 11 16.8 -0.5
H33A	Prehn Over Nor baz=160,SNR=5.1	82.35 343	P	P	10 11 17.4 -0.1
H32A	Carlson Farm, baz=160	82.35 342	P	P	10 11 17.0 -0.5
J28A	Allard Ranch, baz=156	82.37 339	P	P	10 11 18.2 +0.4
ISA	Isabella, Lake baz=144	82.38 324	P	P	10 11 17.0 -1.0
J27A	Elkhorn Farm, baz=156	82.44 339	P	P	10 11 18.8 +0.7
DAC	Darwin (Calif) comp=Z,8.0nm,0.8s	82.45 325	eP	pmax	10 11 19.7 +1.2
DAC	Darwin (Calif) comp=Z,8.1nm,0.8s	82.45 325	eP	pmax	10 11 19.7 +1.2
RPZ	Rata Peaks comp=Z,9.2nm,21.5s,baz=148,slow=29	82.60 221	LR	LR	10 38 20.4
G34A	Benson baz=161	82.61 344	P	P	10 11 18.1 -0.8
I29A	Vivian Onida baz=157	82.66 340	P	P	10 11 18.9 -0.3
SUSD	Miller	82.68 341	P	P	10 11 18.7 -0.6

2011 JAN

F36A	baz=158 Milaca	82.74 345	P	P	10 11 18.4 -1.0
G33A	Ortonville baz=163	82.76 343	P	P	10 11 17.9 -1.6
VES	Vestal, Richgr baz=143	82.82 324	P	P	10 11 20.8 +0.7
J26A	Sides Ranch, S baz=157,SNR=5.9	82.82 338	P	P	10 11 20.3 +0.3
I28A	Midland baz=157,SNR=5.9	82.88 340	P	P	10 11 20.7 +0.3
F34A	Alexandria baz=161	83.05 344	P	P	10 11 20.6 -0.5
O16A	Springville comp=Z,11nm,0.9s	83.06 331	eP	P	10 11 16.0 -5.5
G32A	Webster baz=160	83.07 343	P	P	10 11 21.0 -0.3
NLU	North Lily Min comp=Z,9.2nm,1.2s	83.08 330	eP	P	10 11 22.5 +0.8
H29A	Onida baz=157	83.19 340	P	P	10 11 21.5 -0.4
I27A	Quinn baz=154	83.20 339	P	P	10 11 21.8 -0.2
R11A	Troy Canyon, C baz=146	83.22 327	P	P	10 11 23.0 +0.6
R11A	Troy Canyon, C comp=Z,6.0nm,0.8s	83.22 327	eP	P	10 11 23.1 +0.7
E36A	McGregor baz=163	83.31 346	P	P	10 11 21.9 -0.6
F33A	5 Mile Ranch, baz=160	83.33 344	P	P	10 11 22.5 -0.1
K22A	Casper baz=152	83.35 335	P	P	10 11 23.7 +0.7
K22A	Casper comp=Z,14nm,1.0s	83.35 335	eP	P	10 11 23.3 +0.3
H28A	Mission Ridge baz=157,SNR=5.7	83.46 340	P	P	10 11 23.1 -0.2
DUG	Dugway, Tooele baz=155	83.58 330	eP	pmax	10 11 23.8 -0.4
DUG	Dugway, Tooele comp=Z,22nm,1.4s	83.58 330	pmax	pmax	
DUG	Dugway, Tooele baz=148	83.58 330	P	P	10 11 24.0 -0.1
DUG	Dugway, Tooele comp=Z,22nm,1.4s	83.58 330	eP	P	10 11 23.8 -0.4
G29A	Hoven baz=158	83.64 341	P	P	10 11 23.9 -0.3
I25A	Rocheford baz=155	83.66 338	P	P	10 11 24.4 -0.2
H27A	Hoves baz=155	83.72 339	P	P	10 11 24.4 -0.2
G28A	Parade baz=157,SNR=6.0	83.80 340	P	P	10 11 25.0 -0.1
F31A	Hecla baz=159	83.82 342	P	P	10 11 25.0 -0.1
RSSD	Black Hills comp=Z,13nm,1.0s	83.85 338	eP	pmax	10 11 25.4 -0.1
RSSD	Black Hills comp=Z,13nm,1.0s	83.85 338	eP	pmax	10 11 25.4 -0.1
RSSD	Black Hills comp=Z,13nm,1.0s	83.85 338	eP	pmax	10 11 25.4 -0.1
D35A	Remer baz=162	84.02 345	P	P	10 11 25.9 -0.1
MLAC	Mammoth, Mammo baz=143	84.13 325	P	P	10 11 28.0 +0.9
H25A	Fruitdale baz=155	84.17 338	P	P	10 11 27.7 +0.8
D34A	Par Rapids baz=161	84.26 345	P	P	10 11 28.4 +1.1
C37A	Embarrass baz=164	84.27 347	P	P	10 11 28.5 +1.2
BGU	Big Grassy Mou comp=Z,24nm,1.8s	84.28 330	eP	P	10 11 28.8 +1.0
G27A	Dupree baz=156	84.36 340	P	P	10 11 27.7 -0.2
E31A	Nome baz=159	84.39 343	P	P	10 11 27.9 0.0
NV11	Mina Array Sit comp=Z,6.9nm,1.1s	84.45 326	eP	P	10 11 29.5 +0.8
D33A	Ann'Sm, Waubun baz=161	84.46 344	P	P	10 11 28.6 +0.3
F28A	Aldoughlin baz=157	84.48 341	P	P	10 11 28.8 +0.3
G26A	Maurine baz=156	84.48 339	P	P	10 11 28.5 0.0
BW06	Boiler Array baz=150	84.52 334	P	P	10 11 28.8 -0.2
BW06	Boulder Array comp=Z,39nm,2.3s	84.52 334	eP	P	10 11 28.6 -0.4
PDAR	Pinedale Array comp=Z,0.8nm,0.6s,baz=142,slow=5.2,SNR=10	84.52 334	eP	pP	10 11 28.5 -0.5
PDAR	Pinedale Array comp=Z,2.1nm,0.7s,baz=140,slow=5.6,SNR=10	84.52 334	eP	pP	10 11 28.5 -0.5
NV01	Mina Array Sit baz=159	84.52 326	eP	P	10 11 29.5 +0.4
NVAR	Mina Array Sit comp=Z,2.1nm,0.7s,baz=159,slow=6.3,SNR=20	84.52 326	eP	pP	10 11 29.6 +0.0
NVAR	Mina Array Sit comp=Z,4.2nm,0.8s,baz=162,slow=5.6,SNR=14	84.52 326	eP	pP	10 11 38.4 +1.1
G25A	Newell baz=155,SNR=5.6	84.63 339	P	P	10 11 29.4 +0.1
F27A	Lemmon baz=156	84.84 340	P	P	10 11 29.8 -0.5
HVU	Hansel Valley comp=Z,10.0nm,0.8s	84.90 331	eP	pmax	10 11 30.6 -0.3
HVU	Hansel Valley comp=Z,9.8nm,0.8s	84.90 331	eP	pmax	10 11 30.6 -0.3
TOA0	Torodi Ar, Sit comp=Z,9.5nm,0.8s	84.93 70	eP	P	10 11 31.3 -0.1
TORD	Torodi Ar, Bea comp=Z,1.7nm,0.7s,baz=261,slow=3.1,SNR=11	84.93 70	P	P	10 11 30.9 -0.6
TORD	Torodi Ar, Bea comp=Z,100nm,19.3s,baz=260,slow=34	84.93 70	LR	LR	10 47 09.6
F26A	Lodgepole baz=156	85.01 339	P	P	10 11 31.3 +0.1
C33A	Trail baz=161	85.03 344	P	P	10 11 31.3 +0.2
ELK	Elko comp=Z,8.0nm,1.1s	85.05 329	eP	pmax	10 11 32.3 +0.6
ELK	Elko comp=Z,8.2nm,1.1s	85.05 329	eP	pmax	10 11 32.3 +0.6
AHID	Auturn Hatcher comp=Z,20nm,1.5s	85.09 333	eP	P</	

Table with columns: MOD, VRH, LPSR, OBN, PPT2, VSR, FINES, NVAR, KBZ, KIV, KEY, GNI, TBI, H17A, GSC, GSC, GSC, GSC, PDAR, AKASG, NB2, NOA, ULM, RAYN, BRTR, STHS, STHS, CLL, GERES, TXAR, TORD, PLCA, LPAZ, SAML. Each row contains station name, frequency, mode, and other technical details.

BUJ 23 10:58:19.1, 27.30N, 141.50E, h10km, mb4.7/51, mB4.9/44, Ms4.6/48, Ms7.4/348
ISCJB 23 10:58:24.8, 0.2, 26.85N, 105.144, 08E, 0.03, h10km, mb4.8/107, Error ellipse: s-maj=7.7km s-min=4.1km az=179.8
IDC 23 10:58:24.3, 0.5, 26.80N, 144.13E, h0km, mb4.5/31, mb1.4/635, mb1mx4.6/50, mbmp4.5/35, ML4.0/4, MS3.4/1, Ms1.3/4.1, ms1mx3.0/23, Error ellipse: s-maj=14.6km s-min=12.0km az=83.0
GCMT 23 10:58:26.2, 0.3, 26.90N, 144.07E, h20km, MW5.0/91, Moment Tensor Solution g18.c137, s91.c137, Duration: 0 Moment tensor: Scale 10^16Nm; Mr=3.86; 21; Mw=1.22; 11; Mb=2.63; 13; Ms=0.26; 22; Mv=1.11; 06; Mw0.43; 20; Best double couple: M03.58600; 1016 NP1.0; 151.00000; 649.00000; -90.00000; NP2: 0.331.00000; 641.00000; -90.00000; Principal axes: P 3.2760, Plg4.0000; Azm241.0000; N 0.6100, Plg0.0000; Azm151.0000; P -3.8960, Plg86.0000; Azm57.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

NEIC 23 10:58:26.2, 0.2, 26.82N, 144.10E, h10km, mb5.1/77, Error ellipse: s-maj=6.8km s-min=4.0km az=174.0
MOS 23 10:58:26.3, 0.2, 26.86N, 144.08E, h21km, mb5.0/49, Error ellipse: s-maj=10.2km s-min=6.6km az=107.8
ISC 23 10:58:26.1, 0.4, 26.86N, 107.144, 10E, h10km, m269, c076/259, mb5.0/107, 3C, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations and their associated codes and phases.

Table with columns: CHTO, CMAR, TIXI, WRAB, WRAB, WRA, TNA, PSI, ZALV, ASAR, MK31, MK31, MKAR, DZM, NRIK, KDAD, KDAD, KDAD, KURK, KURK, KURB, CNPM, BRKL, MDM, COLA, COLA, TKM2, TKM2, ILAR, ILAR, AAK, AAK, AAK, DOT, EKS2, EKS2, STKA, STKA, STKA, BVAR, BVK, BVK, KKAR, KKAR, INK, INK, ARU, ABKAR, AKTO, YKA, YKA, YKB, F04A, KLMR, KLMR, I03D, I04A, I04A, G05D, B08A, J04D, I05D, YBH, YBH, E07A, M02C, G06A, KIPM, N02D, HAWA, J05D, D08A, M04C, K05A, NEW, NEW, NEW, EDM. Lists stations with their frequencies and modes.

Table with columns: EDM, EDM, DAG, DAG, DAG, MOD, ORV, ORV, ORV, OHM, J08A, AFDM, BMO, BMO, BMO, WVOR, WVOR, WVOR, WVAL, WVAL, BSMT, JTMT, SWMT, WAKR, MSO, MFID, FINES, BMN, BMN, BMN, MLAC, NV01, NVAR, KBZ, NV11, MTUM, HLID, HLID, LRM, VES, DLMT, ARVC, ELK, ELK, ELK, EGMT, DAC, DAC, DAC, SUMC, SUMC, SUMC, MPMC, QLMT, FFC, FFC, FFC, R11A, R11A, YMR, YMR, YHU, YHU, HVU, HVU, H17A, LKWY, LKWY, LKWY, GSC, GSC, GSC, MOOW, REDW, LOHW, RLMT, RLMT, AHID, DUG, DUG, DUG, DUG, HEC, SHPR, PFO, PFO, PFO, GMRC, NLU, BELC, BAR, BW06, BW06, PDAR, O16A. Lists stations with their frequencies and modes.

23d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSU Marysvale, AKASG Malin Array Be, P18A Preston Tunnel, etc.

2011 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, SONM Songo Array, etc.

MEX 23 11:13:47.7-0.9, 1817R*103.22W, h5km, MD3.5, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MMIG Aquila, MMIG G, R15V, etc.

ICD 23 11:20:46.8-1.9, 26.65N*144.00E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.6/4, mbtmp3.5/4, Error ellipse: s-maj=47.3km s-min=26.5km az=54.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, SONM Songo Array, WRA Warramunga Arr, etc.

ISCJB 23 11:25:29.0-0.9, 26.66N*144.14E, h10km, mb3.7/7, Error ellipse: s-maj=19.9km s-min=11.9km az=26.6

ICD 23 11:25:30.1-1.1, 26.68N*144.17E, h0km, mb3.7/7, mb1 3.8/8, mb1mx3.6/48, mbtmp3.7/8, ML3.4/1, Error ellipse: s-maj=31.6km s-min=21.1km az=71.0

ISC 23 11:25:31.9-1.1, 26.77N*02.144E, h10km, n9, c070/10, mb3.9/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, KRSR K, SONM Songo Array, WRA Warramunga Arr, etc.

ICD 23 11:28:24.9-2.0, 26.66N*143.94E, h0km, mb3.3/4, mb1 3.9/4, mb1mx3.3/42, mbtmp3.3/4, MS3.7/3, Ms1 3.6/3, ms1mx2.9/29, Error ellipse: s-maj=50.0km s-min=21.5km az=56.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, JCJ, JOW Kunigami, SONM Songo Array, WRA Warramunga Arr, etc.

ISCJB 23 11:31:18.2-1.1, 26.4N*02.143E, h10km, mb3.5/5, MS3.4/1, Error ellipse: s-maj=32.2km s-min=13.1km az=41.1

ICD 23 11:31:18.9-1.3, 26.44N*143.15E, h0km, mb3.4/5, mb1 3.6/5, mb1mx3.4/38, mbtmp3.4/5, MS3.4/1, Ms1 3.4/1, ms1mx2.6/29, Error ellipse: s-maj=35.8km s-min=21.3km az=48.0

ISC 23 11:31:20.4-1.2, 26.44N*02.143E, h10km, n7, c074/7, mb3.6/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, JCJ, SONM Songo Array, WRA Warramunga Arr, etc.

MEX 23 11:40:12.1-0.9, 15.14N*95.89W, h20km, 22km, MD4.0, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HUIG Huatulco, PANG Puerto Angel, VHO Vista Hermosa, etc.

ISCJB 23 11:47:28.7-0.7, 9.01S*06.130E, h33km, mb3.8/5, Error ellipse: s-maj=26.1km s-min=7.6km az=170.0

ICD 23 11:47:31.6-3.7, 8.94S*129.94E, h37km, mb3.7/5, mb1 3.9/9, mb1mx3.7/39, mbtmp3.9/9, ML4.0/4, MS3.3/1, Ms1 3.3/1, ms1mx2.5/30, Error ellipse: s-maj=50.6km s-min=19.1km az=78.0

ISC 23 11:47:29.0-0.8, 9.11S*07.129E, h35km, n10, c129/11, mb3.8/5, TImor Sea

1176

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIJ Sorong, SIJ, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

NIED 23 11:48:00.27, 10N*144.00E, h5km, Mw3.9 Best double couple: M=15000*10^14 NP1=308.00000, 844.00000, lambda=86.00000, NP2=123.00000, 846.00000, lambda=94.00000

ICD 23 11:48:47.5-0.9, 26.70N*144.11E, h0km, mb3.9/9, mb1 4.2/11, mb1mx3.9/47, mbtmp3.9/11, ML3.7/2, Error ellipse: s-maj=24.5km s-min=20.1km az=9.0

NEIC 23 11:48:49.2-0.5, 26.76N*144.07E, h10km, mb4.4/6, Error ellipse: s-maj=12.1km s-min=10.0km az=213.0

JMA 23 11:48:49.0-0.2, 26.81N*144.02E, h11km, M4.2, ISC 23 11:48:49.3-0.8, 26.83N*01.14404E, h10km, n29, c097/32, mb4.2/15, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHHJ Haha-jima-NKT, CBJ Chichi jima, CBJ Chichi jima, etc.

ICD 23 12:05:59.6-1.2, 27.17N*143.48E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.3/42, mbtmp3.4/4, Error ellipse: s-maj=30.7km s-min=25.9km az=108.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 23 12:11:26.1-0.8, 26.84N*01.104E, h10km, mb3.6/8, MS3.6/1, Error ellipse: s-maj=13.8km s-min=9.3km az=3.8

ICD 23 12:11:26.3-1.1, 26.75N*144.16E, h0km, mb3.6/8, mb1 3.7/9, mb1mx3.6/44, mbtmp3.6/9, ML3.5/1, MS3.6/1, Ms1 3.6/1, ms1mx2.4/34, Error ellipse: s-maj=31.7km s-min=19.6km az=74.0

JMA 23 12:11:28.7-0.1, 27.05N*144.02E, h15km, M3.9, ISC 23 12:11:28.2-1.1, 26.8N*01.14401E, h10km, n14, c089/15, mb3.8/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHHJ Haha-jima-NKT, CBJ Chichi jima, JCJ Chichijima, etc.

ICD 23 11:12:31.8-1.9, 26.57N*143.81E, h0km, mb3.4/4, mb1 3.6/5, mb1mx3.4/48, mbtmp3.4/5, ML3.1/1, Error ellipse: s-maj=49.0km s-min=19.8km az=60.0

ISC 23 11:12:33.1-1.4, 26.58N*02.143E, h10km, n7, c087/7, mb3.5/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ Chichijima, JCJ, etc.

AFI	Afiamalau	58.98 128 LR	LR	12 39 52.8
BVAR	Borovey Array	59.39 318 P	P	12 21 30.2 -0.4
YKA	Yellowknife Ar	71.65 29 P	P	12 22 49.1 -0.7

IDC 23 12:16:46.0.1,3,34.74N;112.21W,h0km,mb3.3/1,
 mb1 3.4/4,mb1mx3.3/37,mbtm3.0/4,ML3.3/3,Error
 ellipse: s-maj=22.9km s-min=10.7km az=46.0
 NEIC 23 12:16:47.2,0.3,34.84N;112.09W,h5km,ML3.6,Error
 ellipse: s-maj=4.7km s-min=3.5km az=155.0
 NEIC Fell [1] at Sedona. Also fell at Mayer and Prescott.
 ISC 23 12:16:47.4,0.7,34.82N;112.10W;0.02,h10km,n62,
 c155/85,Western Arizona

Code	Station Name	Δ° AZ'	Phase ID	Time Res
				h m s ISC
X16A	Lo Mia Camp, P	0.68 126 Pg	Op	12 16 59.0 -1.5
WUAZ	Wupatki	0.91 41 eP	Sg	12 17 01.2 -3.8
WUAZ		1.27 13.6 -3.4	Pg	12 17 08.8 -0.7
Y14A	Wickenburg	1.16 220 Pn	Pb	12 17 13.8 -0.7
GVA	Apache Junction	1.47 162 Pn	Pn	12 17 14.2 +0.3
W13A	Hualapai Mount	1.49 281 Pn	Pn	12 17 13.8 -0.7
U15A	North Rim	1.61 355 Pn	Pn	12 17 14.5 -1.7
X16A	Snowflake	1.80 99 Pn	Pn	12 17 18.4 -0.5
W18A	Petrified Fore	1.97 81 Pn	Pn	12 17 21.0 0.0
W18A		eS	Sn	12 17 45.6 -0.2
Y12C	Blythe	2.27 243 Pn	Pn	12 17 25.0 0.0
113A	Mohawk Valley,	2.48 215 Pn	Pn	12 17 27.9 +0.1
TUC	Tucson	2.74 156 eP	Pn	12 17 32.0 +0.5
TUC		eS	Sg	12 18 33.7 +0.9
GLA	Glamis	2.87 233 eP	Pg	12 17 34.3 +1.0
GLA		eS	Sg	12 17 42.0 -0.5
GLA		eS	Sg	12 18 20.1 +0.4
CCUT	Cedar City	2.91 340 eP	Pg	12 17 34.4 +0.4
CCUT		eS	Sb	12 18 13.0 -2.2
214A	Organ Pipe Nat	2.92 192 eP	Pg	12 17 41.9 -1.5
SHPR	Sheep Range	3.00 305 eP	Pn	12 17 35.3 +0.1
SHPR		eS	Pn	12 18 20.5 +2.6
MMU	Miners Mountai	3.43 111 eP	Pn	12 17 42.1 +0.9
MSU	Marysville	3.68 359 eP	Pn	12 17 56.4 +1.0
MSU		eS	Pn	12 17 52.4 -0.3
MVCO	Mesa Verde	3.77 50 eP	Pn	12 17 46.9 +1.0
MVCO		eP	Pb	12 17 52.8 -1.4
MVCO		eS	Sg	12 18 46.6 -1.9
PFO	Pinyon Flats O	3.81 253 eP	Pg	12 17 46.6 +0.4
PFO		eS	Sg	12 18 09.3 +1.0
YUH	Yuda Desert	3.85 237 eP	Pn	12 17 47.6 +0.8
GSC	Goldstone, Bar	3.89 278 eP	Pn	12 17 47.7 +0.3
GSC		eP	Pg	12 18 00.8 -1.1
GSC		eS	Sg	12 18 51.5 -0.8
BORC	Borrogo Spring	3.90 248 eS	Sb	12 18 41.8 -1.9
BORC		eS	Pn	12 18 53.7 +0.9
FRD	Ford Ranch, An	3.96 252 eP	Pn	12 17 49.2 +0.8
PV05	Paradox Valley	4.05 36 eP	Pn	12 17 53.2 +3.5
LAZ	Ladron	4.12 94 eP	Pn	12 17 51.1 +0.5
LAZ		eP	Pg	12 18 01.1 +1.0
LAZ		eS	Sb	12 18 51.8 +1.0
BBSZ	Beaumont Rese	4.13 259 eP	Pn	12 17 55.1 +1.6
HMT	Hemet	4.21 256 eP	Pn	12 17 52.5 +0.8
DGR	Domenigoni Val	4.23 255 eP	Pn	12 17 52.9 +0.9
121A	Cookes Peak, D	4.26 121 eP	Pn	12 17 53.2 +0.6
121A		eP	Pb	12 18 04.4 +1.8
121A		eS	Pn	12 18 07.3 +0.8
BACB	Bachelor Mtn.	4.27 255 eP	Pn	12 17 54.1 +0.8
PV10	Paradox Valley	4.32 34 eP	Pn	12 17 54.1 +0.8
Y22D	IRIS PASSCAL I	4.35 98 eP	Pg	12 18 08.2 -2.5
PV01	Paradox Valley	4.36 40 eP	Pn	12 17 54.9 +0.9
PV01		eP	Pb	12 18 04.5 +0.2
PV01		eS	Sb	12 19 06.6 +3.5
SGU	Sterling	4.37 5 eP	Pn	12 18 06.7 +1.1
PV09	Paradox Valley	4.38 32 eP	Pn	12 17 56.0 +1.8
EML	El Monte City P	4.39 245 eP	Pn	12 17 55.3 +1.1
PV04	Paradox Valley	4.39 35 eP	Pn	12 17 55.9 +1.5
PV04		eP	Pb	12 18 06.2 +1.4
PV04		eS	Pn	12 18 07.3 +0.8
R11A	Troy Canyon, C	4.50 322 eP	Pn	12 18 07.3 +0.8
L11A	Los Pinos Moun	4.54 95 eP	Pn	12 17 57.3 +0.9
LPM		eP	Pb	12 18 08.8 +1.4
LPM		eS	Sg	12 19 11.0 -2.3
BNM	Barren Site	4.57 97 eP	Pn	12 18 07.2 +0.8
ANMO	Albuquerque	4.64 87 eP	Pn	12 17 58.4 +0.6
ANMO		eP	Pb	12 18 09.4 +0.3
DAC	Darwin (Calif)	4.71 290 eP	Pn	12 18 00.0 +1.4
DAC		eP	Pg	12 18 16.0 -1.6
DAC		eS	Sg	12 19 17.2 -1.3
P17A	Butcher Canyon	4.77 13 eP	Pn	12 18 10.3 -0.3
P18A	Preston Nutter	5.02 17 eP	Pn	12 18 04.7 +1.6
NLU	North Lily Min	5.12 0 Pn	Pn	12 18 01.6 -2.9
NLU		eP	Pb	12 18 20.4 +3.1
S22A	JUR Ranch, Cre	5.16 54 eP	Pn	12 18 06.1 +1.1
WMUT	West Mountain	5.25 2 eP	Pn	12 18 10.2 +4.1
DUG	Dugway, Tooele	5.39 354 eP	Pg	12 18 23.8 +2.0
DUG		eS	Pb	12 19 33.6 -7.0
MTUW	Tungsten Hills	5.51 298 eP	Pg	12 18 36.8 -1.9
SMCO	Snowmass	5.98 42 eP	Pn	12 18 19.0 +2.7
SMCO		eP	Pb	12 18 37.3 +3.2
SMCO		eS	Sg	12 19 58.0 -1.4
SDCO	Great Sand Dun	6.08 59 eP	Pn	12 18 19.5 +1.9
SDCO		eP	Pb	12 18 37.0 +3.5
SDCO		eS	Pn	12 18 20.0 +1.5
NVAR	Mina Array Bea	6.15 308 Pn	Lg	12 18 20.0 +1.5
NVAR		eS	Lg	12 19 57.3
NVAR		Lg	Lg	12 18 24.2 +2.0
MNTX	Cornudas Mount	6.43 117 eP	Pn	12 18 20.3 -3.6
MNTX		eS	Sg	12 18 26.7 +1.3
T25A	Trinidad	6.65 67 eP	Pn	12 18 47.0 +3.7
Q24A	Dodge	6.94 51 eP	Pb	12 18 52.8 +4.6
HVU	Hansel Valley	6.96 356 eP	Pn	12 18 50.3 +1.7
ISCO	Idaho Springs	7.17 44 eP	Pn	12 18 58.1 +6.0
N26A	Red Feather La	7.77 37 eP	Pn	12 19 06.9 +4.5
BW06	Boulder Array	8.18 13 Pn	Pn	12 18 11.2 +1.9
PDAR	Pinedale Array	8.18 13 Pn	Pn	12 18 50.8 +4.5
PDAR		Lg	Lg	12 21 07.6
TXAR	Lajitas Array	9.01 125 Pn	Pn	12 18 59.7 +2.0
TXAR	Yellowknife Ar	9.12 358 P	Lg	12 21 29.1
TXAR		Lg	Lg	12 22 36.5 +0.7

IDC 23 12:24:06.5-1.4,27.52N;143.52E,h0km,mb3.4/2,
 mb1 3.6/3,mb1mx3.3/40,mbtm3.3/3,ML3.3/1,Error
 ellipse: s-maj=39.2km s-min=25.0km az=128.0, Bonin
 Islands region

Code	Station Name	Δ° AZ'	Phase ID	Time Res
				h m s ISC
JCJ	Chichijima	1.26 251 Pn	Pg	12 24 31.0 +0.2
JCJ		eS	Sn	12 24 44.6 -2.6
MMJ	Matsushiro Arr	10.06 335 Pn	Pn	12 26 33.0 +0.6
WRA	Warramunga Arr	48.01 192 P	P	12 32 47.8 +0.3
YKA	Yellowknife Ar	71.20 29 P	P	12 35 26.8 -0.2

ISC/B 23 12:26:54.8,0.4,8.47N;0.04x73.11W;0.04,h14km,5km,
 mb3.4/1,Error ellipse: s-maj=7.1km s-min=4.4km
 az=135.8

Code	Station Name	Δ° AZ'	Phase ID	Time Res
				h m s ISC
RSNC	RSNC	23 12:26:56.8,0.9,8.42N;73.17W,h142km,6km,ML3.1		
FUNV	FUNV	23 12:26:58.1,8.48N;73.09W,h127km,MW3.4		
IDC	IDC	23 12:26:59.8,7.8,8.41N;73.27W,h176km,38km,mb3.0/1, mb1 3.2/2,mb1mx2.8/32,mbtm3.6/2,Error ellipse: s-maj=26.1km s-min=30.0km az=92.0		
ISC	ISC	23 12:26:55.5,0.9,8.49N;0.04x73.09W;0.05,h14km,7km, n32,c130/43,SD,Northern Colombia		

Code	Station Name	Δ° AZ'	Phase ID	Time Res
				h m s ISC
JCJ	Chichijima	1.26 251 Pn	Pg	12 24 31.0 +0.2
JCJ		eS	Sn	12 24 44.6 -2.6
MMJ	Matsushiro Arr	10.06 335 Pn	Pn	12 26 33.0 +0.6
WRA	Warramunga Arr	48.01 192 P	P	12 32 47.8 +0.3
YKA	Yellowknife Ar	71.20 29 P	P	12 35 26.8 -0.2

Code	Station Name	Δ° AZ'	Phase ID	Time Res
				h m s ISC
OCAC	Ocana	0.34 222 i P	Pn	12 27 16.3 +0.9
OCAC		eS	Sn	12 27 16.6
GRMC	Gramolote, San	0.67 155 eS	Pn	12 27 30.6 0.0
GRMC		i P	Pn	12 27 33.9 0.0
GRMC		eS	Sn	12 27 34.4
CAPV	Capacho	0.99 129 i P	Pn	12 27 20.8 +1.1
CAPV		eS	Pn	12 27 36.0 -2.1
VIGV	El Vigia	1.74 78 i P	Pn	12 27 19.0 +1.9
VIGV		eS	Sn	12 27 15.0 -0.4
BARC	Barichara	1.84 183 i P	Pn	12 27 29.3 +0.7
BARC		eS	Sn	12 27 53.8 -0.1
BARC		eS	Sn	12 27 57.3
VIRV	Villa del Rosa	2.11 19 eP	Pn	12 27 32.4 +0.9
VIRV		eS	Pn	12 27 57.2 -2.0
SDV	Santo Domingo	2.46 81 i P	Pn	12 27 37.5 +1.6
SDV		i P	Pn	12 27 37.7
RUSC	La Rusia	2.55 180 eP	Pn	12 27 37.1 -0.2
RUSC		eP	Pn	12 28 22.2
MOTC	Montería, Cord	2.57 277 i P	Pn	12 27 36.5 -0.6
MOTC		eS	Pn	12 27 43.1 -1.7
MOTC		eS	Pn	12 28 25.1
QARV	Quebrada Arrib	3.05 56 eP	Pn	12 27 45.2 +1.9
QARV		eP	Pn	12 28 18.2 -2.0
YOPC	Yopal, Colombi	3.19 168 eP	Pn	12 27 45.6 +0.4
YOPC		eS	Pn	12 28 22.1 -1.4
YOPC		i P	Pn	12 28 26.1
HELH	Santa Helena	3.31 228 eP	Pn	12 27 47.5 +0.5
HELH		eS	Pn	12 28 26.2 -0.5
HELH		eS	Pn	12 28 37.3
URIC	Uribe, Colomb	3.37 19 eP	Pn	12 27 48.5 +1.2
URIC		i P	Pn	12 28 28.7
NORC	Norcasisa	3.39 212 eP	Pn	12 27 47.7 +0.1
NORC		eS	Pn	12 28 25.7 -2.3
NORC		eS	Pn	12 27 49.4 +1.5
DBBC	Dabeiba	3.42 45 eP	Pn	12 27 48.1 0.0
DBBC		eP	Pn	12 27 49.4 +1.2
CURF	Curarigua	3.65 94 eP	Pn	12 27 49.4 +1.2
SANW	Sanare	3.82 199 Pn	Pn	12 27 57.6 +4.1
ROSC	El Rosal	5.25 84 eP	Pn	12 27 57.6 +4.1
ROSC		eS	Sn	12 28 42.6 +4.1
ROSC		eS	Sn	12 28 42.6 +4.1
ELOV	Elorza	3.87 112 i P	Pn	12 27 54.2 +0.4
SIQV	Siquisique	3.88 56 eP	Pn	12 27 54.7 +0.7
VILV	Villavicencio,	4.39 188 eP	Pn	12 28 00.3 -0.6
MONC	Montecano	4.61 41 eP	Pn	12 28 04.7 +1.1
BAUV	El Baul	5.05 184 eP	Pn	12 28 07.7 -0.2
BAUV	San Juan de Ar	5.21 99 i P	Pn	12 28 11.9 -0.5
SIJAC		eP	Pn	12 29 23.9
TURV	Turiamo	5.53 69 eP	Pn	12 28 16.8 +0.9
MERV	Las Mercedes	6.75 83 eP	Pn	12 28 31.5 -0.7
BIRV	Birre	7.01 73 eP	Pn	12 28 35.1 -0.5
CUPV	Copita	7.37 77 eP	Pn	12 28 40.1 -0.5
YKA	Yellowknife Arr	61.72 340 P	P	12 36 59.1 +0.8
ASAR	Alice Springs	150.08 237 PKPbc	PKPbc	12 46 29.6 -0.7
ASAR		eS	Pn	12 46 29.6 -0.7
WRA	Warramunga Arr	151.13 244 PKPbc	PKPbc	12 46 32.4 -0.4
WRA		eS	Pn	12 46 32.4 -0.4

IDC 23 12:44:58.2,1.1,26.28N;128.98E,h0km,mb3.7/6,
 mb1 3.8/7,mb1mx3.5/36,mbtm3.7/7,ML3.5/1,Error
 ellipse: s-maj=63.4km s-min=12.1km az=72.0
 JMA 23 12:45:00.4,0.1,26.30N;129.14E,h41km,M3.7
 ISC 23 12:44:58.1,1.6,26.28N;129.10E;0.04,h10km,10km,
 n23,c157/38,mb3.9/6,Ryukyu Islands

Code	Station Name	Δ° AZ'	Phase ID	Time Res
				h m s ISC
JOW	Kunigami	0.93 307 P	Pn	12 45 17.4 +0.2
JOW		eP	Pn	12 45 29.8 -1.1
JNTH	Nagatoyohara	1.00 284 P	Sb	12 45 31.1 0.0
JNTH		Sb	Pn	12 45 31.1 0.0
JOKE	Nogoroabujima	1.18 336 P	Sb	12 45 21.1 0.0
JOKE		Sb	Pn	12 45 35.5 -0.9
JTJ2	Tamagusuku 2	1.23 264 P	Pg	12 45 22.4 +0.3
JTJ2		eS	Pn	12 45 37.9 -0.2
JIH	Iheya	1.27 307 P	Pg	12 45 22.6 -0.3
JIH		eS	Pn	12 45 38.2 -0.6
JTK	Tokunoshima	1.51 355 P	Pn	12 45 25.4 -0.2
JTK		eS	Pn	12 45 42.7 -2.6
JAGN	Aguni-jima 1	1.70 281 P	Pn	12 45 29.1 -0.7
JAGN		eS	Pn	12 45 31.9 -0.6
JAMN	Amaminishikomi	1.96 2 P	Pn	12 45 31.8 0.0
JAMN		eS	Pn	12 4

Table with columns: Station ID, Name, SNR, Az, El, Az El, P, Max, Min, Diff. Includes stations like Erkin-Say, Karatay Array, Borovoye, etc.

Table with columns: Station ID, Name, SNR, Az, El, Az El, P, Max, Min, Diff. Includes stations like Swartz Lake, Storozhevoye, Divnogorie, etc.

Table with columns: Station ID, Name, SNR, Az, El, Az El, P, Max, Min, Diff. Includes stations like Kiev, Kiev, B25A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like B34A Aery, Baudette, G29A Okree, G31A Conde, UZH Uzhgorod, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like B34A Aery, Baudette, G29A Okree, etc. (Continuation of the first table).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like SMIA Simia, SMIA Simia, SMIA Simia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like B34A Aery, Baudette, G29A Okree, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like B34A Aery, Baudette, G29A Okree, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like B34A Aery, Baudette, G29A Okree, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KLV Kalavryta, GUR Gaura, and various other locations.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DAVOX Davos/Dischmat, ESDC Sonseca Array, and various other locations.

RSNC 23 13:19:17.3-0.9,6.81N:73.15W,h142km,5km,ML2.8,1D,

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BARC Barichara, RUSC La Rusia, and various other locations.

Code Station Name Azimuth Elevation SNR and other parameters.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MRSI Marisa, GTOI Gorontalo, and various other locations.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SJI Sawah, PWJI Pagerwojo, and various other locations.

HEL 23 15:16:37.9.0.1, 67.90N:25.39E, h0km, MLO,8,

Explosion, Finland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SGF Sodankyl, HETTA, Rovaniemi, Vario, Kevo.

IDC 23 15:42:12.7.0.8, 42.98N:84.69E, h10km, mb3.7/12, mb1 3.8/18, mb1mx3.7/54, mbtmp3.7/18, ML3.3/6, MS2.8/2, Ms1 2.8/2, ms1mx2.5/48, Error ellipse: s-maj=19.6km s-min=13.7km az=52.0

BUI 23 15:42:17.7, 43.04N:84.58E, h10km, mb3.9/5, ML3.8/11, NNC 23 15:42:21.9, 1.3, 43.27N:84.29E, h18km, 5km, mb4.0, mp3.7, Error ellipse: s-maj=9.6km s-min=5.2km az=122.0

SOME 23 15:42:22.0, 43.40N:84.08E, h10km, mb3.7/12, ms1 2.8/2, ms1mx2.5/48, Error ellipse: s-maj=19.6km s-min=13.7km az=52.0

ISC 23 15:42:18.6, 0.7, 43.12N:100.06, 84.65E, h0.03, h32km, n59, alpha177/84, mb3.8/11, 16C-17D, Northern Xinjiang

Main table of station data for the first section, including stations like WMQ Urumqi, KTMS Ketmen, SHLS Shalkode, DJR Jarkent, etc.

Main table of station data for the second section, including stations like AAK Ala-Archa, KURBB Kurchatov Arra, MNAS Manas, etc.

NEIC 23 15:43:34.0, 1.9, 23.61N:109.00W, h10km, mb3.8/15, MD4.0(MEX), Error ellipse: s-maj=25.3km s-min=12.9km az=165.0

IDC 23 15:43:34.4, 3.3, 23.94N:109.04W, h0km, mb3.4/3, mb1 4.0/7, mb1mx3.7/34, mbtmp3.6/7, ML3.8/4, MS3.4/9, Ms1 3.4/9, ms1mx3.3/22, Error ellipse: s-maj=55.7km s-min=12.8km az=171.0

MEX 23 15:43:42.9, 0.6, 23.97N:109.38W, h10km, MD4.0, ISC 23 15:43:37.7, 0.8, 23.99N:109.07W, h0.05, h22km, n50, alpha201/44, mb3.3/3, MS3.3/5, Baja California

Main table of station data for the third section, including stations like SLBS Sierra La Lagu, LPIG La Paz, MAIG Mazatlan, etc.

Main table of station data for the fourth section, including stations like NVAR Dugway, BGU Big Grassy Mou, ELK Elko, etc.

ISCJB 23 15:46:18.3, 0.4, 22.99N:101.67E, h10km, mb4.0/13, MS3.7/3, Error ellipse: s-maj=7.0km s-min=4.6km az=170.4

IDC 23 15:46:18.6, 0.8, 23.00N:101.60E, h0km, mb4.0/12, mb1 4.0/13, mb1mx3.7/50, mbtmp4.0/13, ML3.5/1, MS3.6/4, Ms1 3.6/4, ms1mx3.0/42, Error ellipse: s-maj=23.2km s-min=14.1km az=82.0

NEIC 23 15:46:19.8, 0.5, 23.03N:101.69E, h10km, mb4.2/2, ML4.1(BJJ), Error ellipse: s-maj=13.4km s-min=7.9km az=94.0

BUI 23 15:46:20.5, 23.08N:101.56E, h6km, mb4.0/4, ML4.1/10, MS3.6/4, MS7.3/8.5

BKK 23 15:46:21.9, 1.5, 23.1N:111.10E, 1.2, h5km, 13km, M4.3/8, mb4.3/4, mb4.8/4, ML4.4/8, MW(m)B4.0/4

ISC 23 15:46:20.2, 0.6, 23.01N:101.60E, h0.06, h10km, n33, alpha154/39, mb4.0/13, MS3.8/3, 2C, Yunnan

Main table of station data for the fifth section, including stations like KMI Kunming, KMI Kunming, SLVN Son La, etc.

23d 16h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like MXTX Muleshoe, R38A Fenwick Farm, SF31A Lafayette, etc.

2011 JAN

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like Q29A Oakley, JFWS Jewell Farm, JFWS Jewell Farm, etc.

1186

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like H29A Onida, G30A Faulkton, P18A Preston Nutter, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RLMT Red Lodge, RLMT Red Lodge, H17A Grant Village, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like NR1K comp=Z,2.4nm,0.8s, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, etc.

ISCJB 23 16:44:36.4-0.4, 2.09N, 0.04E, 120.67E, 0.05, h33km, mb3.9/9, MS3.1/1, Error ellipse: s-maj=7.2km s-min=-4.5km az=149.3

DJA 23 16:44:38.5-2.0, 2.13N, 12.1E, h30km, 23km, M4.8/7, mb4.8/7, mB5.2/4, MLV4.8/7, Mw(MB)4.6/4, NEIC 23 16:44:40.0-1.2, 1.83N, 120.41E, h53km, 12km, mb4.2/2, Error ellipse: s-maj=26.9km s-min=-8.1km az=59.0

ISC 23 16:44:38.5-0.6, 2.02N, 0.05E, 120.66E, 0.07, h35km, n36, c1949/39, mb3.9/9, 1C, Celebes Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like MRSI Marisa, PCI Palu, AFSI Ampana, etc.

MEX 23 16:56:58.0-0.3, 28.00N, 112.03W, h10km, MD3.7, Baja California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SRIG Santa Rosalia, HSIK, etc.

ISCJB 23 17:00:45.3-1.3, 17.94N, 0.04E, 120.03E, 0.07, h21km, 8km, mb3.9/8, Error ellipse: s-maj=10.7km s-min=-6.3km az=177.9

MAN 23 17:00:46, 17.79N, 120.10E, h2km, mb5.0, ML3.9, MS4.0, IDC 23 17:00:50.5-6.2, 17.68N, 120.55E, h67km, 58km, mb3.4/10, mb1.3/7.10, mb1mx3.4/36, mbtmp3.8/10, Error ellipse: s-maj=30.4km s-min=17.4km az=72.0

ISC 23 17:00:46.7-1.6, 17.93N, 0.05E, 120.02E, 0.08, h24km, 11km, n23, c1905/24, mb3.9/8, 3C-2D, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SIPP Brgy, Tapao, PIP Pasaquin, etc.

IDC 23 17:03:14.3-2.0, 26.60N, 143.91E, h0km, mb3.4/3, mb1.3/6.4, mb1mx3.3/30, mbtmp3.4/4, ML3.0/1, Error ellipse: s-maj=40.2km s-min=-23.8km az=67.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JCJ Chichijima, MJAR Matsushiro Arr, etc.

0.2nm, 0.4s, baz=17, slow=8.8, SNR=6.6 MKAR Makanchi Array 51.98 310 P P 17 12 25.2 -0.1 0.3nm, 0.6s, baz=96, slow=8.3, SNR=4.8

RSNC 23 17:09:51.7-0.8, 3.36N, 74.41W, h4km, 11km, ML1.9, Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SJAC San Juan de Ar, etc.

ISCJB 23 17:22:17.3-0.7, 8.45S, 0.1E, 158.43E, 0.10, h150km, mb3.7/7, Error ellipse: s-maj=17.7km s-min=13.0km az=23.2

IDC 23 17:22:18.8-2.5, 8.41S, 158.50E, h152km, 31km, mb3.6/7, mb1.3/8.7, mb1mx3.5/34, mbtmp4.0/7, Error ellipse: s-maj=44.1km s-min=16.8km az=132.0

ISC 23 17:22:18.6-0.8, 8.45S, 0.1E, 158.66E, 0.11, h150km, n10, c1936/13, mb3.8/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like HNR Honiara, WRA Warramunga Arr, etc.

IDC 23 17:40:03.2-2.8, 14.15N, 91.75W, h0km, mb3.7/4, mb1.3/9.6, mb1mx3.6/45, mbtmp3.6/6, ML3.5/2, MS3.6/2, Ms1.3/5.2, ms1mx2.7/31, Error ellipse: s-maj=102.2km s-min=26.9km az=37.0

MEX 23 17:40:06.4-0.3, 13.75N, 92.38W, h15km, MD3.7, Off coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PCIG, CCIG, CMIG, etc.

MEX 23 18:01:55.9-0.3, 16.70N, 98.66W, h20km, 142km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like TLIQ Tiapa, CAIG El Cayaco, etc.

RSNC 23 18:02:55.8-0.9, 1.91N, 75.98W, h9km, 6km, ML2.3, Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like POPC Popayan, BETA Betania, etc.

TAP 23 18:07:31.3, 24.06N, 122.30E, h3km, 1km, ML2.8, D, ISCJB 23 18:07:32.6-0.5, 24.01N, 0.02E, 122.26E, 0.02, h1km, 4km, Error ellipse: s-maj=3.9km s-min=2.6km az=158.2

JMA 23 18:07:34.0-0.2, 24.02N, 122.20E, h32km, M2.4, IDC 23 18:07:32.9-1.0, 24.02N, 0.03E, 122.26E, 0.02, h16km, 9km, n37, c073/65, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like TWD Chiawan, ENA Nanau, etc.

baz=294 eS Sn 18 08 04.2 +0.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WHF Hehuan Shan, EHY Hungye, etc.

ISCJB 23 18:31:10.5-0.8, 26.7N, 0.1E, 144.12E, 0.10, h10km, mb3.7/8, Error ellipse: s-maj=18.2km s-min=11.1km az=21.3

IDC 23 18:31:10.7-0.8, 26.73N, 144.07E, h0km, mb3.7/8, mb1.4/0.8, mb1mx3.7/42, mbtmp3.7/8, Error ellipse: s-maj=21.8km s-min=19.8km az=72.0

ISC 23 18:31:12.4-0.9, 26.7N, 0.1E, 143.99E, 0.10, h10km, n10, c088/10, mb3.6/8, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SMLT Sun Moon Lake, TYC, NSTT, etc.

MEX 23 18:11:45.3-0.3, 15.00N, 93.21W, h62km, 11km, MD4.0, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PCIG, CCIG, HUIG, etc.

IDC 23 18:19:23.5-1.9, 0.36S, 132.41E, h0km, mb3.3/2, mb1.3/6.4, mb1mx3.3/37, mbtmp3.3/4, ML3.5/2, Error ellipse: s-maj=28.4km s-min=26.6km az=62.0, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SIJI Sorong, FITZ Fitzroy Crossi, etc.

ISCJB 23 18:31:10.5-0.8, 26.7N, 0.1E, 144.12E, 0.10, h10km, mb3.7/8, Error ellipse: s-maj=18.2km s-min=11.1km az=21.3

IDC 23 18:31:10.7-0.8, 26.73N, 144.07E, h0km, mb3.7/8, mb1.4/0.8, mb1mx3.7/42, mbtmp3.7/8, Error ellipse: s-maj=21.8km s-min=19.8km az=72.0

ISC 23 18:31:12.4-0.9, 26.7N, 0.1E, 143.99E, 0.10, h10km, n10, c088/10, mb3.6/8, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MJAR Matsushiro Arr, SONM Songoing Array, etc.

ISCJB 23 18:36:53.0,6.6,11S:0.08:149.7E:0.1,h58km,
mb3.9/10,MS3.3/5,Error ellipse: s-maj=18.4km
s-min=8.3km az=28.4

ICC 23 18:36:56.3,2.0,6.19S:149.58E,h70km,17km,mb3.7/11,
mb1.4/0.12,mb1mx3.7/3.1,mbmp4.1/1.2,MS3.3/7,
Ms1.3/7,ms1mx3.1/3.5,Error ellipse: s-maj=20.6km
s-min=10.9km az=121.0

ISC 23 18:36:54.8,0.7,6.15S:0.09:149.7E:0.1,h58km,n17,
c094/21,mb4.0/10,MS3.3/5,New Britain region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
PMG	Port Moresby	4.07	217	P	18 37 55.5	+0.9		
PMG							44m,0.3s,baz=229,slow=22,SNR=12	Sn
PMG							4.4m,0.3s,baz=229,slow=22,SNR=12	Sn
HNR	Honiara	10.71	108	LR	18 43 39.9			
WRA	Warramunga Arr	20.23	226	PKP	18 41 25.9	+0.6		
WRA							7.7m,0.5s,baz=52,slow=11,SNR=59	S
WRA							0.6m,0.7s,baz=43,slow=22,SNR=3.2	ScP
WRA							1.2m,0.8s,baz=38,slow=2.2,SNR=5.5	ScP
DZM	Mont Dzumac	22.67	136	P	18 41 51.5	-0.1		
DZM							3.3m,0.5s,baz=35,slow=5,SNR=7.2	P
DZM							comp=Z,145nm,20.6s,baz=9.0,slow=32	LR
ASAR	Alice Springs	23.08	219	P	18 41 56.2	+0.4		
ASAR							3.1m,0.7s,baz=51,slow=9.4,SNR=36	P
ASAR							0.6m,0.8s,baz=59,slow=3.6,SNR=3.6	ScP
ASAR							0.3m,1.0s,baz=37,slow=3.0,SNR=3.0	S
ASAR							comp=Z,106nm,18.3s,baz=70,slow=38	LR
FITZ	Fitzroy Crossi	26.27	241	P	18 42 25.0	+0.1		
FITZ							3.0m,0.4s,baz=45,slow=8.4,SNR=19	P
FITZ							0.2m,0.5s,baz=45,slow=8.4,SNR=19	LR
STKA	Stevens Creek	26.68	161	P	18 42 29.7	+1.2		
STKA							3.7m,0.7s,baz=29,slow=9.3,SNR=9.7	P
STKA							comp=Z,89nm,20.4s,baz=24,slow=37	LR
MJAR	Matsushiro Arr	43.80	347	P	18 44 54.7	-0.4		
MJAR							1.3m,0.8s,baz=178,slow=9.5,SNR=4.1	P
KSRS	Korea Array	47.88	337	LR	18 49 30.5			
PETK	Petropavlovsk-	59.42	6	P	18 46 51.8	+0.5		
PETK							3.9m,0.8s,baz=163,slow=9.5,SNR=2.2	P
SONM	Songino Array	65.84	330	P	18 47 35.5	+1.1		
SONM							0.6m,1.1s,baz=132,slow=4.3,SNR=3.9	P
VNDA	Vanda	71.62	177	P	18 48 09.8	+0.1		
VNDA							2.4m,1.0s,baz=3.5,slow=4.8,SNR=3.7	P
MKAR	Mikankanchi Array	79.37	320	P	18 48 54.4	+0.2		
MKAR							0.3m,0.7s,baz=121,slow=4.7,SNR=3.6	P
ILAR	Eielson Array	84.59	23	P	18 49 20.1	-1.5		
ILAR							0.4m,0.8s,baz=243,slow=5.0,SNR=6.5	P
LPZA	La Paz	136.47	121	PKP	18 56 10.8	-1.3		
LPZA							1.8m,0.5s,baz=148,slow=3.2,SNR=3.8	PKP
TORD	Torodi Ar. Bea	147.68	285	PKP	18 56 33.4	-0.6		
TORD							1.5m,0.7s,baz=75,slow=2.9,SNR=7.5	PKP
BDFB	Brasilia	152.16	141	PKP	18 56 45.1	0.0		
BDFB							2.8m,0.8s,baz=252,slow=3.2,SNR=4.3	PKP
BDFB							1.7m,0.6s,baz=203,slow=7.7,SNR=3.5	PKP

ICD 23 18:40:57.2,9.1,4.87S:153.51E,h162km,61km,mb3.4/3,
mb1.3/6.1,mb1mx3.1/3.2,mbtmp3.9/4,Error ellipse:
s-maj=39.4km s-min=52.5km az=110.0,New Ireland
region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
PMG	Port Moresby	7.75	234	P	18 42 47.2	-0.2		
PMG							3.4m,0.3s,baz=34,slow=11,SNR=12	P
WRA	Warramunga Arr	23.94	230	P	18 45 15.1	+1.0		
WRA							1.0m,0.6s,baz=55,slow=10,SNR=7.2	P
ASAR	Alice Springs	26.59	223	P	18 46 19.6	-0.9		
ASAR							0.3m,0.4s,baz=54,slow=5.8,SNR=5.6	P
FITZ	Fitzroy Crossi	30.25	242	P	18 46 53.0	-0.1		
FITZ							4.8m,1.1s,baz=66,slow=12,SNR=2.6	P
TORD	Torodi Ar. Bea	151.00	288	PKP	18 50 31.9	-0.2		
TORD							0.2m,0.4s,baz=100,slow=1.6,SNR=2.0	PKP
TORD							0.2m,0.5s,baz=79,slow=4.1,SNR=3.1	PKP

ICD 23 18:50:36.8,2.0,7.69S:129.32E,h70km,19km,mb3.3/4,
mb1.3/6.1,mb1mx3.4/2.8,mbtmp3.8/8,Error ellipse:
s-maj=34.8km s-min=14.6km az=84.0,Banda Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
SJUI	Sorong	7.05	16	P	18 52 19.1	+1.7		
SJUI							1.6m,0.3s,baz=240,slow=22,SNR=14	P
SJUI							1.7m,0.3s,baz=318,slow=23,SNR=6.3	P
FITZ	Fitzroy Crossi	10.95	199	P	18 53 10.5	-0.1		
FITZ							0.7m,0.3s,baz=24,slow=11,SNR=22	P
FITZ							0.5m,0.3s,baz=348,slow=1.7,SNR=4.4	ScP
WRA	Warramunga Arr	13.11	159	P	18 53 38.3	-1.9		
WRA							0.8m,0.3s,baz=332,slow=13,SNR=43	P
WRA							2.0m,0.3s,baz=330,slow=21,SNR=11	P
ASAR	Alice Springs	16.48	165	P	18 54 23.1	-0.6		
ASAR							0.3m,0.2s,baz=346,slow=10,SNR=18	P
ASAR							0.1m,0.3s,baz=348,slow=26,SNR=6.4	ScP
ASAR							0.1m,0.3s,baz=348,slow=1.7,SNR=4.4	ScP
STKA	Stevens Creek	26.64	156	P	18 56 09.8	+0.8		
STKA							0.9m,0.8s,baz=333,slow=14,SNR=2.5	P
CMAR	Chiang Mai Arr	39.67	311	P	18 58 03.0	+0.7		
CMAR							0.5m,0.7s,baz=134,slow=7.1,SNR=3.5	P
MKAR	Mikankanchi Array	68.44	321	P	19 01 30.6	-0.8		
MKAR							0.6m,0.6s,baz=116,slow=7.8,SNR=12	P
ZALV	Zalevo Beam	71.90	334	P	19 01 52.0	-0.3		
ZALV							0.3m,0.4s,baz=134,slow=4.2,SNR=3.7	P

ISCJB 23 18:54:59.6,0.8,32.26N:0.05:115.30W:0.06,h13km,8km,
Error ellipse: s-maj=9.7km s-min=6.2km az=144.5

ICC 23 18:55:01.2,0.3,32.35N:115.15W,h16km,6km,MD3.4
EXC 23 18:55:01.0,0.5,32.28N:115.32W,h6km,MD2.4,ML2.5
ISC 23 18:54:59.3,1.0,32.24N:0.05:115.32W:0.05,h14km,9km,
n11,c0923/16,2D,Calfornia-Baja California border
region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
CPBX	Cerro Prieto	0.18	4	eS	18 55 03.5	0.0		
CPBX							18 55 06.5	+0.1
CPBX							18 55 09.7	
CPBX							18 55 13.2	
CPBX							18 55 09.7	
CPBX							18 55 13.2	
SGL	Mount Signal	0.53	320	iP	18 55 09.8	0.0		
COA	Coachella	0.64	15	P	18 55 12.2	0.0		
YUH	Yuma Desert	0.85	31	eS	18 55 11.7	-0.3		
YMD	Yuma Desert	0.72	64	P	18 55 13.2	-0.2		
IBP	Imperial Bould	0.78	303	eP	18 55 14.3	-0.1		
ECBX	EI Chinerio	0.80	163	eP	18 55 14.6	-0.2		
ECBX							18 55 25.9	+0.4
ECBX							18 55 20.9	-0.1
CBX	Cerro Bola	1.14	274	eS	18 55 35.9	+0.2		
CBX							18 55 20.9	-0.1
CBX							18 55 36.4	0.0
SPIG	San Pedro Mart	1.20	186	eP	18 55 21.8	-0.1		
SPIG							18 55 37.8	+0.4
BAR	Barrett	1.23	291	eP	18 55 21.8	-0.2		

ISC 23 19:03:32.1,3.4,34.50S:178.52W,h0km,mb3.6/2,
mb1.3/8,mb1mx3.7/2.9,mbtmp3.6/3,ML3.5/1,Error
ellipse: s-maj=81.7km s-min=38.1km az=125.0,South
of Kermadec Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
URZ	Urewera	5.15	222	Op	19 04 51.6	+1.1		
URZ							1.7m,0.3s,baz=135,slow=8.6,SNR=3.5	Op
URZ							2.8m,0.3s,baz=131,slow=21,SNR=6.8	Sn
ASAR	Alice Springs	42.61	272	P	19 11 30.3	0.0		
ASAR							0.6m,0.5s,baz=117,slow=8.0,SNR=9.1	P
WRA	Warramunga Arr	43.97	277	P	19 11 41.2	-0.1		
WRA							4.4m,0.5s,baz=118,slow=7.9,SNR=8.7	P
FINES	FINES Array B	148.79	337	PKP	19 23 19.8	-0.9		
FINES							1.0m,0.8s,baz=64,slow=3.2,SNR=3.9	PKP

ISCJB 23 19:10:13.7,1.1,38.20N:0.04:26.45E:0.07,h5km,5km,
Error ellipse: s-maj=9.0km s-min=6.7km az=165.4

ISK 23 19:10:13.7,1.1,38.20N:0.04:26.45E:0.07,h5km,5km,
CSEM 23 19:10:14.0,0.5,38.21N:26.50E,h10km,MD2.3,Error
ellipse: s-maj=12.2km s-min=6.5km az=66.0

DDA 23 19:10:15.9,38.27N:26.61E,h6km,MD2.3
ISC 23 19:10:13.9,1.1,38.18N:0.04:26.53E:0.05,h8km,8km,
n30,c069/50,Aegean Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h m s	ISC
URLA	Izmir	0.19	16	iP	19 10 17.9	+0.1		
URLA							19 10 20.4	-0.1
URLA							19 10 17.9	+0.1
URLA							19 10 20.4	-0.1
IZM	Izmir	0.62	69	eP	19 10 26.2	+0.4		
IZM							19 10 35.3	-0.5
IZM							19 10 35.3	-0.5
IZM							19 10 35.3	-0.5
GCAM	G?zelcam?	0.73	130	iP	19 10 30.9	+0.4		
GCAM							19 10 41.6	-0.2
GCAM	G?zelcam?	0.73	130	P	19 10 30.9	+0.4		
GCAM							19 10 41.6	-0.2
DKL	Dikili	0.94	18	eP	19 10 32.0	+0.1		
DKL							19 10 45.4	+0.4
DKL	Dikili	0.94	18	eP	19 10 32.0	+0.1		
DKL							19 10 45.4	+0.4
AYDB	Zeytinkoy-Aydi	1.10	102	eP	19 10 35.1	+0.2		
AYDB							19 10 51.2	+0.0
AYDB	Zeytinkoy-Aydi	1.10	102	eP	19 10 35.1	+0.2		
AYDB							19 10 51.2	+0.0
AKHS	Akhisar	1.23	55	iP	19 10 36.1	-1.2		
AKHS							19 10 53.7	+0.3
AKHS	Akhisar	1.23	55	P	19 10 36.1	-1		

23d 19h

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details for stations in the 23d 19h region.

2011 JAN

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details for stations in the 2011 JAN region.

1190

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details for stations in the 1190 region.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like COCO West Island, D05A Enunclaw, ELK Elk, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MNTX Cornudas Mount, MNTX Cornudas Mount, MNTX Pinnacle, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like CCB Clear Creek Bu, LRM Limekiln Ridge, JTMJ Jette, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like SPMM Marine on St., H35A Jirik Farms, CJA Humahuaca, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like MKAR MKAR, MKAR MKAR, Novosibirsk, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like BOSA Boshof, AB31 Akbulak array, ABKAR Akbulak array, etc.

Table with columns for country codes (e.g., ISAL, IDID, KMY), names (e.g., Didziasalis, Karmoy), dates (e.g., 141.12 339), and various status codes (e.g., eP, PKPpre, PKPb).

Table with columns for country codes (e.g., STHS, GIUM, KOLS), names (e.g., Giurgulesti, Kolonicke sedl), dates (e.g., 147.93 327), and various status codes (e, PKPb, PKPpdf).

Table with columns for country codes (e.g., ISR, MLR, MBR), names (e.g., Istrita, Muntele Rosu, Muntele Rosu), dates (e.g., 149.02 328), and various status codes (PKPb, PKPpdf, PKPbc).

Table with columns: KULA, Kula-Manisa, 2.26 211 ePn, Pn, 22 01 51.2 +1.1, etc.

MEX 23 22:11:45.7-0.6, 15.05N-93.40W, h47km, 35km, MD3.7, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res

NIED 23 22:13:00, 27.00N, 144.10E, h5km, Mw4.8 Best double couple: M1, 6.9000x10^16, NP1, 1.81, 0.0000, 0.38, 0.0000, lambda=51.00000, NP2, 0.315, 0.0000, 0.61, 0.0000, lambda=118.00000

IDC 23 22:13:44.9, 0.4, 26.78N, 144.04E, h0km, mb4.4/31, mb1 4.5/36, mb1mx4.4/57, mbtmp4.4/36, ML3.8/5, MS3.8/20, Ms1 3.8/20, ms1mx3.7/41, Error ellipse: s-maj=14.3km s-min=10.9km az=66.0

BUI 23 22:13:44.3, 26.59N, 143.93E, h10km, mb4.7/62, mb5.0/53, Ms4.6/54, Ms7.4/3/52

ISC/JB 23 22:13:44.6, 1.1, 26.87N, 0.03, 143.91E, 0.02, h1km, 6km, mb4.9/169, MS4.1/37, Error ellipse: s-maj=4.7km s-min=3.4km az=170.9

JMA 23 22:13:47.0, 0.1, 27.00N, 144.09E, h32km, M4.6 MOS 23 22:13:47.8, 1.0, 26.69N, 143.82E, h27km, mb5.0/62, Error ellipse: s-maj=8.8km s-min=5.2km az=12.4

NEIC 23 22:13:48.0, 3.1, 26.76N, 143.86E, h15km, 19km, mb5.0/104, Error ellipse: s-maj=5.9km s-min=4.7km az=129.0

GCMT 23 22:13:48.0, 0.3, 26.94N, 144.12E, h17km, 1km, MW5.0/89, Moment Tensor Solution. s17, e20; s89, c118; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=-3.01e-22; Msa1.06e-12; Msa1.96e-14; Msa1.36e-32; Msa1.128e-06; Msa1.18e-30; Best double couple: M3, 4.4500x10^16, NP1, 1.81, 0.0000, 0.38, 0.0000, lambda=51.00000, NP2, 0.315, 0.0000, 0.61, 0.0000, lambda=118.00000, Azm53.0000; N 0.1950; Plg6.0000; Azm321.0000; P 3.5370; N 0.1950; Azm212.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 23 22:13:47.1, 0.5, 26.87N, 0.04, 143.89E, 0.04, h9km, 2km, h9km; p-P, n401, 1852/423, mb5.0/170, MS4.1/37, 10C-12D, Bonin Islands region

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

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: MDJ, ScS, ScS, 22 29 58.3 -0.4, etc.

Table with columns: MDJ, Mudanjiang, 21.12 331 eP, P, 22 18 39.6 +7.5, etc.

Table with columns: H11N2, WAKE ISLAND Hy, 22.27 104 T, T, 22 41 36.4, etc.

Table with columns: H11N3, WAKE ISLAND Hy, 22.29 104 T, T, 22 41 36.5, etc.

Table with columns: SNY, SNY, 22.37 317 P, P, 22 18 50.0 +4.5, etc.

Table with columns: SNY, SNY, 22.39 289 eP, P, 22 18 47.5 +1.8, etc.

Table with columns: CN2, CN2, 22.54 323 eP, P, 22 18 49.9 +2.6, etc.

Table with columns: CN2, CN2, 22.59 107 T, T, 22 42 02.9, etc.

Table with columns: MRSI, Marisa, 33.67 222 P, P, 22 20 29.1 +0.6, etc.

Table with columns: APSI, Ampana, 34.95 221 P, P, 22 20 41.0 +1.4, etc.

Table with columns: LZH, Lanzhou, 35.17 295 eP, P, 22 20 41.8 +0.3, etc.

Table with columns: LZH, LZH, 35.24 286 P, P, 22 20 41.9 -0.2, etc.

Table with columns: CD2, CD2, 35.54 316 P, P, 22 20 45.9 +1.3, etc.

Table with columns: ULN, Ulanbaatar, 35.54 316 P, P, 22 20 46.4 +1.8, etc.

Table with columns: ULN, Ulanbaatar, 35.54 316 eP, P, 22 20 46.3 +1.8, etc.

Table with columns: SONA1, Songino Array, 35.94 316 eP, P, 22 20 49.4 +1.4, etc.

23d 22h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CTAO Charters Tower, WRAB Tennant Creek, and various WRA/WRA stations.

2011 JAN

Table with columns for call sign, frequency, power, and other technical details. Includes stations like KSH comp=Z,190nm,5.5s, ILI Eleison Array, and various ARMA/FRU stations.

1200

Table with columns for call sign, frequency, power, and other technical details. Includes stations like AFDM Blue Mountains, BMO Blue Mountains, and various WVOR/WVOR stations.

23d 22h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like H11S3 WAKE ISLAND, H11S1 WAKE ISLAND, H11S2 WAKE ISLAND, etc.

2011 JAN

Table with columns for station ID, name, frequency, and signal strength. Includes stations like LZH Chengdu, LZH Chengdu, LZH Chengdu, etc.

1202

Table with columns for station ID, name, frequency, and signal strength. Includes stations like BYJI Banyuwangi, TIXI Tikisi, TIXI Tikisi, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like Kodiak Island, Kodiak Island, Kodiak Island, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like Arti, Dease Lake, Dease Lake, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, Date, Time, Azimuth, Elevation, SNR, etc. Includes stations like VSR, Divnogorie, Yellow Bay, etc.

23d 22h

Table with columns: Station, Name, Frequency, Power, Class, and other details. Includes stations like GSC Goldstone, BGU Big Grassy Mou, SHOC Shoshone, etc.

2011 JAN

Table with columns: Station, Name, Frequency, Power, Class, and other details. Includes stations like SFJD Kangerlussuaq, SFJD Kangerlussuaq, SFJD Kangerlussuaq, etc.

1204

Table with columns: Station, Name, Frequency, Power, Class, and other details. Includes stations like ANMO Albuquerque, OKC Ostrava-Krasne, 121A Cooke Peak, etc.

SONM Songino Array 35.95 316 P P 00 42 36.6 +0.8
WRA Warramunga Arr 47.46 192 P P 00 44 10.0 0.0
MKAR Makanchi Arr 51.81 310 P P 00 44 43.9 +0.8

IDC 24 00:36:59.62.1, 26:34N, 143:30E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.3/3.3, mb1tmp3.4/4, Error ellipse: s-maj=63.1km s-min=24.3km az=58.0, Bonin Islands region

Code Station Name Az AZ Phase ID Time Res
JCJ Chichijima 1.62 298 Pn Op 00 37 30.1 -0.4
JCJ Chichijima 1.62 298 Pn Op 00 37 30.1 -0.4
SONM Songino Array 36.25 316 P P 00 44 05.0 +0.4

ISCJB 24 00:55:03.0, 0.6, 13:5N, 0.1:121:0E, 0.2, h250km, mb3.6/17, Error ellipse: s-maj=26.9km s-min=12.9km az=143.1

IDC 24 00:55:04.5, 5.3, 13:41N, 120:98E, h253km, 52km, mb3.4/17, mb1 3.5/17, mb1mx3.3/7.0, mbtmp4.0/17, Error ellipse: s-maj=27.7km s-min=15.7km az=59.0

MAN 24 00:55:07, 13:31N, 120:87E, h186km, mb3.7, ML2.4, MS1.9

ISC 24 00:55:04.0, 2.0, 13:4N, 0.2:121:0E, 0.2, h250km, n19, o=31/19, mb3.8/17, 1D, Mindoro

Code Station Name Az AZ Phase ID Time Res
PGP Puerto Galera 0.11 338 i S Op 00 55 52.8 -9.0
RCP Roxas 2.50 137f eP Pn 00 55 51.2 -0.3
CMAR Chiang Mai Arr 21.73 292 P P 00 59 36.3 -0.9

ISCJB 24 00:59:08.5, 0.7, 26:68N, 0:09:144:05E, 0:07, h10km, mb4.1/13, Error ellipse: s-maj=13.2km s-min=8.8km az=16.5

NEIC 24 00:59:09.5, 4.6, 26:65N, 144:03E, h4km, 28km, mb4.1/10, Error ellipse: s-maj=13.3km s-min=8.1km az=90.0

IDC 24 00:59:09.1, 2.3, 26:65N, 143:99E, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.5/6.9, mbtmp3.8/5, ML3.8/1, Error ellipse: s-maj=62.7km s-min=26.1km az=69.0

ISC 24 00:59:10.6, 0.9, 26:7N, 0:1:144:0E, 0:1, h10km, n18, o=41/20, mb3.8/13, Bonin Islands region

Code Station Name Az AZ Phase ID Time Res
CBJ Chichi jima 1.66 286 Pn Op 00 59 39.9 +0.2
CBJ Chichi jima 1.66 286 Pn Op 00 59 39.9 +0.2
JCJ Chichijima 1.66 286 Pn Op 00 59 39.9 +0.2

ISCJB 24 01:00:33.2, 0.6, 26:30N, 0:09:144:05E, 0:07, h10km, mb4.1/24, Error ellipse: s-maj=12.7km s-min=8.8km az=8.1

IDC 24 01:00:33.0, 3.0, 26:30N, 144:18E, h0km, mb4.1/21, mb1 4.2/24, mb1mx3.0/7.0, mbtmp4.0/24, ML3.3/3, Error ellipse: s-maj=23.1km s-min=17.0km az=24.0

NEIC 24 01:00:34.0, 0.4, 26:89N, 144:11E, h10km, mb4.4/3, Error ellipse: s-maj=10.7km s-min=8.4km az=41.0

ISC 24 01:00:34.8, 0.8, 26:9N, 0:1:144:0E, 0:09, h10km, n35, o=76/34, mb4.2/24, Bonin Islands region

Code Station Name Az AZ Phase ID Time Res
CBJ Chichi jima 1.67 278 Pn Op 01 01 03.2 -0.9
MJAR Matsushiro Arr 10.84 334 Pn Pn 01 03 09.0 -1.1
MAJO Matsushiro 10.84 334 ePn Pn 01 03 09.7 -0.5

ISCJB 24 01:01:10.0, 0.3, 19:35S, 173:33W, h0km, mb4.8/29, Mb1 5.6/29, ms1mx5.4/43, Error ellipse: s-maj=13.5km s-min=9.2km az=133.0

NEIC 24 01:02:02.0, 0.3, 9, 19:20S, 173:51W, h16km, 24km, mb5.5/122, MS5.8/298, MW5.7, Error ellipse: s-maj=6.6km s-min=4.1km az=148.0, Moment Tensor Solution, s29

Moment tensor: Scale 10.17N; Mw: 2.26; Mw0.31; Mw: 3.58; Mw2.01; Mw: 1.39; Mw: 0.42; Best double couple: Ma4.20000, 10.17; NP1a=174.00000, 843.00000, 150.00000; NP2a=42.00000, 858.00000, 121.00000; Principal axes: T 4.2900, P162.0000, Azm4.0000; N -1.200, P126.0000, Azm205.0000; P -4.1800, P168.0000, Azm111.0000;

GCMT 24 01:02:02.0, 0.0, 19:42S, 172:81W, h12km, MW5.7/134, Moment Tensor Solution, s113,c240; s134,c400; Duration: 1s8 Moment tensor: Scale 10.17Nm; Mw: 0.03; Mw0.64; Mw: 3.39; Mw: 1.05; Mw: 0.09; Mw: 2.12; Mw: 2.46; Mw: 0.9; Best double couple: Ma5.08500, 10.17; NP1a=228.00000, 361.00000, 186.00000; NP2a=213.00000, 829.00000, 197.00000; Principal axes: T 4.8000, P174.0000, Azm286.0000; N 0.5740, P13.0000, Azm27.0000; P -5.3710, P16.0000, Azm118.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

BUI 24 01:02:02.0, 19:39S, 172:79W, h35km, mb5.3/41, mb6.0/62, Ms5.8/67, Ms7 5.5/64

MOS 24 01:02:03.7, 19:26S, 173:49W, h33km, mb5.6/51, MS5.7/61, Error ellipse: s-maj=9.3km s-min=7.8km az=65.4

ISCJB 24 01:02:03.1, 0.1, 19:31S, 0:03:173:48W, 0:03, h33km, mb5.3/190, MS5.8/466, Error ellipse: s-maj=5.5km s-min=2.9km az=149.2

ISC 24 01:02:03.8, 0.5, 19:27S, 0:05:173:44W, 0:05, h28km, 2km, h28km, PP-P, n1024, s1s40/795, mb5.5/193, MS5.8/469, 50C3K, Tonga Islands

Code Station Name Az AZ Phase ID Time Res
AFI Afiamalu 5.57 17 Pn Op 01 03 20.1 -4.8
AFI Afiamalu 5.57 17 Pn Op 01 03 20.1 -4.8
AFI Afiamalu 5.57 17 ePn Pn 01 04 19.0 -9.0

ISCJB 24 01:00:33.0, 3.0, 26:30N, 144:18E, h0km, mb4.1/21, mb1 4.2/24, mb1mx3.0/7.0, mbtmp4.0/24, ML3.3/3, Error ellipse: s-maj=23.1km s-min=17.0km az=24.0

NEIC 24 01:00:34.0, 0.4, 26:89N, 144:11E, h10km, mb4.4/3, Error ellipse: s-maj=10.7km s-min=8.4km az=41.0

ISC 24 01:00:34.8, 0.8, 26:9N, 0:1:144:0E, 0:09, h10km, n35, o=76/34, mb4.2/24, Bonin Islands region

Code Station Name Az AZ Phase ID Time Res
CBJ Chichi jima 1.67 278 Pn Op 01 01 03.2 -0.9
MJAR Matsushiro Arr 10.84 334 Pn Pn 01 03 09.0 -1.1
MAJO Matsushiro 10.84 334 ePn Pn 01 03 09.7 -0.5

baz=300
H11N1 WAKE ISLAND Hy 22.14 104 T T 01 28 36.9
H11N3 WAKE ISLAND Hy 22.16 104 T T 01 28 54.6
SONM Songino Array 36.03 316 P P 01 07 37.5 +1.2

IDC 24 01:01:10.0, 0.3, 19:35S, 173:33W, h0km, mb4.8/29, Mb1 5.6/29, ms1mx5.4/43, Error ellipse: s-maj=13.5km s-min=9.2km az=133.0

Code Station Name Az AZ Phase ID Time Res
AFI Afiamalu 5.57 17 Pn Op 01 03 20.1 -4.8
AFI Afiamalu 5.57 17 ePn Pn 01 04 19.0 -9.0
MSVF Nonsavu 8.2 279 Pn Pn 01 04 08.0 +6.7

ISCJB 24 01:00:33.2, 0.6, 26:30N, 0:09:144:05E, 0:07, h10km, mb4.1/24, Error ellipse: s-maj=12.7km s-min=8.8km az=8.1

IDC 24 01:00:33.0, 3.0, 26:30N, 144:18E, h0km, mb4.1/21, mb1 4.2/24, mb1mx3.0/7.0, mbtmp4.0/24, ML3.3/3, Error ellipse: s-maj=23.1km s-min=17.0km az=24.0

NEIC 24 01:00:34.0, 0.4, 26:89N, 144:11E, h10km, mb4.4/3, Error ellipse: s-maj=10.7km s-min=8.4km az=41.0

ISC 24 01:00:34.8, 0.8, 26:9N, 0:1:144:0E, 0:09, h10km, n35, o=76/34, mb4.2/24, Bonin Islands region

Code Station Name Az AZ Phase ID Time Res
AFI Afiamalu 5.57 17 Pn Op 01 03 20.1 -4.8
AFI Afiamalu 5.57 17 ePn Pn 01 04 19.0 -9.0
MSVF Nonsavu 8.2 279 Pn Pn 01 04 08.0 +6.7

ISCJB 24 01:00:33.2, 0.6, 26:30N, 0:09:144:05E, 0:07, h10km, mb4.1/24, Error ellipse: s-maj=12.7km s-min=8.8km az=8.1

IDC 24 01:00:33.0, 3.0, 26:30N, 144:18E, h0km, mb4.1/21, mb1 4.2/24, mb1mx3.0/7.0, mbtmp4.0/24, ML3.3/3, Error ellipse: s-maj=23.1km s-min=17.0km az=24.0

NEIC 24 01:00:34.0, 0.4, 26:89N, 144:11E, h10km, mb4.4/3, Error ellipse: s-maj=10.7km s-min=8.4km az=41.0

ISC 24 01:00:34.8, 0.8, 26:9N, 0:1:144:0E, 0:09, h10km, n35, o=76/34, mb4.2/24, Bonin Islands region

Code Station Name Az AZ Phase ID Time Res
AFI Afiamalu 5.57 17 Pn Op 01 03 20.1 -4.8
AFI Afiamalu 5.57 17 ePn Pn 01 04 19.0 -9.0
MSVF Nonsavu 8.2 279 Pn Pn 01 04 08.0 +6.7

ISCJB 24 01:00:33.2, 0.6, 26:30N, 0:09:144:05E, 0:07, h10km, mb4.1/24, Error ellipse: s-maj=12.7km s-min=8.8km az=8.1

IDC 24 01:00:33.0, 3.0, 26:30N, 144:18E, h0km, mb4.1/21, mb1 4.2/24, mb1mx3.0/7.0, mbtmp4.0/24, ML3.3/3, Error ellipse: s-maj=23.1km s-min=17.0km az=24.0

NEIC 24 01:00:34.0, 0.4, 26:89N, 144:11E, h10km, mb4.4/3, Error ellipse: s-maj=10.7km s-min=8.4km az=41.0

ISC 24 01:00:34.8, 0.8, 26:9N, 0:1:144:0E, 0:09, h10km, n35, o=76/34, mb4.2/24, Bonin Islands region

Code Station Name Az AZ Phase ID Time Res
AFI Afiamalu 5.57 17 Pn Op 01 03 20.1 -4.8
AFI Afiamalu 5.57 17 ePn Pn 01 04 19.0 -9.0
MSVF Nonsavu 8.2 279 Pn Pn 01 04 08.0 +6.7

ISCJB 24 01:00:33.2, 0.6, 26:30N, 0:09:144:05E, 0:07, h10km, mb4.1/24, Error ellipse: s-maj=12.7km s-min=8.8km az=8.1

IDC 24 01:00:33.0, 3.0, 26:30N, 144:18E, h0km, mb4.1/21, mb1 4.2/24, mb1mx3.0/7.0, mbtmp4.0/24, ML3.3/3, Error ellipse: s-maj=23.1km s-min=17.0km az=24.0

NEIC 24 01:00:34.0, 0.4, 26:89N, 144:11E, h10km, mb4.4/3, Error ellipse: s-maj=10.7km s-min=8.4km az=41.0

ISC 24 01:00:34.8, 0.8, 26:9N, 0:1:144:0E, 0:09, h10km, n35, o=76/34, mb4.2/24, Bonin Islands region

Code Station Name Az AZ Phase ID Time Res
AFI Afiamalu 5.57 17 Pn Op 01 03 20.1 -4.8
AFI Afiamalu 5.57 17 ePn Pn 01 04 19.0 -9.0
MSVF Nonsavu 8.2 279 Pn Pn 01 04 08.0 +6.7

ISCJB 24 01:00:33.2, 0.6, 26:30N, 0:09:144:05E, 0:07, h10km, mb4.1/24, Error ellipse: s-maj=12.7km s-min=8.8km az=8.1

IDC 24 01:00:33.0, 3.0, 26:30N, 144:18E, h0km, mb4.1/21, mb1 4.2/24, mb1mx3.0/7.0, mbtmp4.0/24, ML3.3/3, Error ellipse: s-maj=23.1km s-min=17.0km az=24.0

NEIC 24 01:00:34.0, 0.4, 26:89N, 144:11E, h10km, mb4.4/3, Error ellipse: s-maj=10.7km s-min=8.4km az=41.0

ISC 24 01:00:34.8, 0.8, 26:9N, 0:1:144:0E, 0:09, h10km, n35, o=76/34, mb4.2/24, Bonin Islands region

Code Station Name Az AZ Phase ID Time Res
AFI Afiamalu 5.57 17 Pn Op 01 03 20.1 -4.8
AFI Afiamalu 5.57 17 ePn Pn 01 04 19.0 -9.0
MSVF Nonsavu 8.2 279 Pn Pn 01 04 08.0 +6.7

PPT comp=Z,2.3nm,0.8s,baz=0.0,slo=19,SNR=2.4 S Sn 01 11 19.1 -6.3
PPT comp=Z,2.1um,18.5s,baz=260,slo=32 Tarawa 22.98 90 eP LR 01 14 09.6
TVO comp=Z,52nm,1.2s 22.98 90 eP P 01 07 02.0 -4.5

IDC 24 01:01:10.0, 0.3, 19:35S, 173:33W, h0km, mb4.8/29, Mb1 5.6/29, ms1mx5.4/43, Error ellipse: s-maj=13.5km s-min=9.2km az=133.0

Code Station Name Az AZ Phase ID Time Res
AFI Afiamalu 5.57 17 Pn Op 01 03 20.1 -4.8
AFI Afiamalu 5.57 17 ePn Pn 01 04 19.0 -9.0
MSVF Nonsavu 8.2 279 Pn Pn 01 04 08.0 +6.7

ISCJB 24 01:00:33.2, 0.6, 26:30N, 0:09:144:05E, 0:07, h10km, mb4.1/24, Error ellipse: s-maj=12.7km s-min=8.8km az=8.1

IDC 24 01:00:33.0, 3.0, 26:30N, 144:18E, h0km, mb4.1/21, mb1 4.2/24, mb1mx3.0/7.0, mbtmp4.0/24, ML3.3/3, Error ellipse: s-maj=23.1km s-min=17.0km az=24.0

NEIC 24 01:00:34.0, 0.4, 26:89N, 144:11E, h10km, mb4.4/3, Error ellipse: s-maj=10.7km s-min=8.4km az=41.0

ISC 24 01:00:34.8, 0.8, 26:9N, 0:1:144:0E, 0:09, h10km, n35, o=76/34, mb4.2/24, Bonin Islands region

Code Station Name Az AZ Phase ID Time Res
AFI Afiamalu 5.57 17 Pn Op 01 03 20.1 -4.8
AFI Afiamalu 5.57 17 ePn Pn 01 04 19.0 -9.0
MSVF Nonsavu 8.2 279 Pn Pn 01 04 08.0 +6.7

ISCJB 24 01:00:33.2, 0.6, 26:30N, 0:09:144:05E, 0:07, h10km, mb4.1/24, Error ellipse: s-maj=12.7km s-min=8.8km az=8.1

IDC 24 01:00:33.0, 3.0, 26:30N, 144:18E, h0km, mb4.1/21, mb1 4.2/24, mb1mx3.0/7.0, mbtmp4.0/24, ML3.3/3, Error ellipse: s-maj=23.1km s-min=17.0km az=24.0

NEIC 24 01:00:34.0, 0.4, 26:89N, 144:11E, h10km, mb4.4/3, Error ellipse: s-maj=10.7km s-min=8.4km az=41.0

ISC 24 01:00:34.8, 0.8, 26:9N, 0:1:144:0E, 0:09, h10km, n35, o=76/34, mb4.2/24, Bonin Islands region

Code Station Name Az AZ Phase ID Time Res
AFI Afiamalu 5.57 17 Pn Op 01 03 20.1 -4.8
AFI Afiamalu 5.57 17 ePn Pn 01 04 19.0 -9.0
MSVF Nonsavu 8.2 279 Pn Pn 01 04 08.0 +6.7

ISCJB 24 01:00:33.2, 0.6, 26:30N, 0:09:144:05E, 0:07, h10km, mb4.1/24, Error ellipse: s-maj=12.7km s-min=8.8km az=8.1

IDC 24 01:00:33.0, 3.0, 26:30N, 144:18E, h0km, mb4.1/21, mb1 4.2/24, mb1mx3.0/7.0, mbtmp4.0/24, ML3.3/3, Error ellipse: s-maj=23.1km s-min=17.0km az=24.0

NEIC 24 01:00:34.0, 0.4, 26:89N, 144:11E, h10km, mb4.4/3, Error ellipse: s-maj=10.7km s-min=8.4km az=41.0

ISC 24 01:00:34.8, 0.8, 26:9N, 0:1:144:0E, 0:09, h10km, n35, o=76/34, mb4.2/24, Bonin Islands region

Code Station Name Az AZ Phase ID Time Res
AFI Afiamalu 5.57 17 Pn Op 01 03 20.1 -4.8
AFI Afiamalu 5.57 17 ePn Pn 01 04 19.0 -9.0
MSVF Nonsavu 8.2 279 Pn Pn 01 04 08.0 +6.7

ISCJB 24 01:00:33.2, 0.6, 26:30N, 0:09:144:05E, 0:07, h10km, mb4.1/24, Error ellipse: s-maj=12.7km s-min=8.8km az=8.1

IDC 24 01:00:33.0, 3.0, 26:30N, 144:18E, h0km, mb4.1/21, mb1 4.2/24, mb1mx3.0/7.0, mbtmp4.0/24, ML3.3/3, Error ellipse: s-maj=23.1km s-min=17.0km az=24.0

NEIC 24 01:00:34.0, 0.4, 26:89N, 144:11E, h10km, mb4.4/3, Error ellipse: s-maj=10.7km s-min=8.4km az=41.0

ISC 24 01:00:34.8, 0.8, 26:9N, 0:1:144:0E, 0:09, h10km, n35, o=76/34, mb4.2/24, Bonin Islands region

Code Station Name Az AZ Phase ID Time Res
AFI Afiamalu 5.57 17 Pn Op 01 03 20.1 -4.8
AFI Afiamalu 5.57 17 ePn Pn 01 04 19.0 -9.0
MSVF Nonsavu 8.2 279 Pn Pn 01 04 08.0 +6.7

ISCJB 24 01:00:33.2, 0.6, 26:30N, 0:09:144:05E, 0:07, h10km, mb4.1/24, Error ellipse: s-maj=12.7km s-min=8.8km az=8.1

IDC 24 01:00:33.0, 3.0, 26:30N, 144:18E, h0km, mb4.1/21, mb1 4.2/24, mb1mx3.0/7.0, mbtmp4.0/24, ML3.3/3, Error ellipse: s-maj=23.1km s-min=17.0km az=24.0

NEIC 24 01:00:34.0, 0.4, 26:89N, 144:11E, h10km, mb4.4/3, Error ellipse: s-maj=10.7km s-min=8.4km az=41.0

ISC 24 01:00:34.8, 0.8, 26:9N, 0:1:144:0E, 0:09, h10km, n35, o=76/34, mb4.2/24, Bonin Islands region

Code Station Name Az AZ Phase ID Time Res
AFI Afiamalu 5.57 17 Pn Op 01 03 20.1 -4.8
AFI Afiamalu 5.57 17 ePn Pn 01 04 19.0 -9.0
MSVF Nonsavu 8.2 279 Pn Pn 01 04 08.0 +6.7

Table with 4 columns: Station Name, Az, AZ, Phase ID, Time, Res. Contains station data for stations like AF, AR, BR, CA, CB, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT,

1209

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like COEN, MANU, STKA, etc.

2011 JAN

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like MORW, DAV, CTBH, etc.

24d 1h

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like JCC, ISA, ISA, etc.

1211

comp=Z,500nm,7.0s									
CN2	comp=Z,1µm,20.0s	LR	LR						
CN2	comp=Z,2µm,20.0s	LR	LR						
CN2	comp=Z,2µm,20.0s	LR	LR						
CAST	comp=Z,2µm,20.0s	84.10	9	PFAKE	LR	01	14 40.0	+8.3	
CAST	Castle Rocks								
SNY	comp=Z,5µm,20.0s	84.10	318	↑P	P	01	14 32.3	+0.2	
SNY	Shenyang					01	24 57.4	+2.4	
SNY	comp=Z,2µm,8.6s								
SNY	comp=Z,2µm,17.7s								
SNY	comp=Z,1µm,22.1s								
SNY	comp=Z,2µm,19.6s								
MAW	Mawson	84.13	199	P	P	01	14 32.1	+0.2	
MAW	comp=Z,1.1nm,0.9s,baz=157,slow=3.8,SNR=7.6					01	50 37.8		
MAW	comp=Z,6µm,19.2s,baz=110,slow=35					01	14 33.0	+1.1	
MAW	Mawson	84.13	199	eP	P				
MAW	comp=Z,5.0nm,1.0s					01	14 33.0	+1.1	
MAW	comp=Z,4.9nm,1.0s					01	14 32.9	-0.1	
AHID	Auburn Hatcher	84.20	41	eP	P				
AHID	comp=Z,1.22nm,2.2s								
AHID	comp=Z,5µm,19.0s					01	14 32.8	-0.5	
MCMT	McKenzie Canyon	84.29	39	eP	P	01	14 34.4	+0.7	
QIZ	Qiongzong	84.32	292	P	P	01	14 43.9	-2.1	
QIZ	comp=Z,910nm,8.9s					01	17 48.4	-0.6	
QIZ	comp=Z,1µm,22.1s					01	24 57.4	-0.7	
QIZ	comp=Z,2µm,36.0s								
SKAG	Skagway	84.41	18	PFAKE	LR	01	14 40.0	+6.8	
SKAG	comp=Z,3µm,19.0s					01	14 40.0	+6.7	
KTH	Kantishna Hill	84.41	10	PFAKE	LR				
KTH	comp=Z,7µm,21.0s					01	14 34.5	+0.2	
S22A	4UR Ranch, Cre	84.42	47	P	P	01	14 35.4	+1.1	
S22A	4UR Ranch, Cre	84.42	47	eP	P				
S22A	4UR Ranch, Cre								
S22A	comp=Z,4µm,19.0s					01	14 33.5	+0.1	
TRF	Thorfare Moun	84.42	10	eP	P				
TRF	comp=Z,2.90nm,2.2s								
DHY	Denali Highway	84.60	12	PFAKE	LR	01	14 50.0	+1.6	
DHY	comp=Z,2µm,18.0s					01	14 34.2	-0.2	
RND	Reindeer	84.63	11	eP	P				
RND	comp=Z,7.75nm,1.3s					01	14 34.2	-0.2	
RND	Reindeer	84.63	11	eP	P				
RND	comp=Z,7.75nm,1.3s								
O20A	White River Ci	84.66	44	P	P	01	14 35.8	+0.5	
O20A	White River Ci	84.66	44	eP	P	01	14 33.8	-1.5	
O20A	White River Ci								
TNA	Tin City	84.67	2	eP	P	01	14 34.8	+0.3	
TNA	comp=Z,4µm,20.0s					01	14 34.7	-0.7	
REDW	Red Top Meadow	84.68	41	eP	P				
REDW	comp=Z,7.0nm,1.8s					01	14 35.1	-0.4	
DLMT	Dillon	84.73	38	eP	P	01	14 36.4	+0.5	
DLMT	comp=Z,5µm,20.0s					01	14 36.1	+0.4	
SNOW	Snow King Moun	84.79	41	eP	P	01	14 50.0	+1.4	
SNOW	comp=Z,4.2nm,1.4s					01	14 50.0	+1.4	
MSO	Missoula	84.80	36	P	P	01	14 50.0	+1.4	
MSO	Missoula	84.80	36	PFAKE	LR				
MSO	comp=Z,7µm,20.0s					01	14 50.0	+1.4	
PAX	Paxson	84.88	12	PFAKE	LR	01	14 50.0	+1.4	
PAX	comp=Z,3µm,22.0s					01	14 50.0	+1.4	
BPAW	Bear Paw Mtn.	84.91	10	PFAKE	LR				
BPAW	comp=Z,6µm,21.0s					01	14 35.5	-0.3	
MCK	McKinley	84.91	11	eP	P	01	14 35.5	-0.3	
MCK	comp=Z,383nm,2.4s					01	14 35.5	-0.3	
MCK	comp=Z,3µm,20.0s					01	14 35.5	-0.3	
MCK	comp=Z,393nm,2.4s								
MCK	comp=Z,3µm,20.0s					01	14 50.0	+1.3	
MOOW	Moose Ponds	84.95	40	PFAKE	LR	01	14 37.9	+1.1	
MOOW	comp=Z,4µm,18.0s					01	14 50.0	+1.3	
LOHW	Long Hollow	84.97	40	eP	P	01	14 37.9	+1.1	
LOHW	comp=Z,7.72nm,2.0s								
LOHW	comp=Z,4µm,18.0s					01	14 50.0	+1.3	
SMCO	Snowmass	85.02	46	PFAKE	LR				
SMCO	comp=Z,3µm,20.0s					01	14 37.0	-0.3	
LRM	Limekiln Ridge	85.08	38	eP	P	01	14 38.3	+0.7	
QLMT	Earthquake Lak	85.13	39	eP	P	01	14 38.6	+0.9	
FLWY	Flagg Ranch	85.16	40	eP	P	01	14 38.6	+0.9	
FLWY	comp=Z,2.9nm,1.2s								
FLWY	comp=Z,3µm,19.0s					01	14 37.8	0.0	
BW06	Boulder Array	85.17	42	P	P	01	14 36.5	-1.3	
BW06	Boulder Array	85.17	42	eP	P				
BW06	comp=Z,56nm,2.1s								
BW06	comp=Z,5µm,18.0s					01	14 37.2	-0.6	
PDAR	Pinedale Array	85.17	42	P	P	01	48 36.1		
PDAR	comp=Z,2.5nm,0.9s,baz=215,slow=3.5,SNR=13					01	14 37.9	-0.2	
WHN	Wuhan	85.23	304	↑P	P	01	24 58.8	-7.9	
WHN	comp=Z,4µm,18.2s,baz=257,slow=33								
WHN	comp=Z,3µm,18.5s								
WHN	comp=Z,5µm,22.2s								
WHN	comp=Z,5µm,20.6s								
832A	Faith Ranch, C	85.27	58	P	P	01	14 38.4	0.0	
DLBC	Dease Lake	85.30	21	P	P	01	14 37.5	-0.4	
DLBC	comp=Z,3.7nm,1.0s,baz=201,slow=8.6,SNR=9.0					01	14 37.5	-0.4	
DLBC	Dease Lake	85.30	21	P	P				
DLBC	comp=Z,4µm,18.0s					01	14 50.0	+1.1	
YMR	Madison River	85.32	39	PFAKE	LR	01	14 39.0	+0.1	
YMR	comp=Z,2µm,19.0s					01	14 38.5	-0.4	
SDCO	Great Sand Dun	85.34	47	P	P	01	14 38.5	-0.4	
SDCO	Great Sand Dun	85.34	47	eP	P				
SDCO	comp=Z,40nm,1.9s								
SDCO	comp=Z,3µm,20.0s					01	14 50.0	+1.1	
H17A	Grant Village	85.40	40	PFAKE	LR	01	14 50.0	+1.1	
H17A	comp=Z,4µm,20.0s								

2011 JAN

BOZ	Bozeman (W)	85.46	38	PFAKE	LR	01	14 50.0	+1.1	
BOZ	comp=Z,5µm,20.0s								
YNR	Norris Junctio	85.51	39	PFAKE	LR	01	14 50.0	+1.0	
YNR	comp=Z,2µm,19.0s					01	14 39.8	0.0	
933A	Laredo	85.56	59	P	P	01	14 39.5	-0.3	
933A	baz=246					01	14 39.5	-0.3	
MSTX	Muleshoe	85.56	52	P	P	01	14 39.5	0.0	
MSTX	baz=243,SNR=14								
MSTX	Muleshoe	85.56	52	eP	P				
MSTX	comp=Z,2.11nm,1.9s								
MSTX	comp=Z,7µm,20.0s								
TIA	Tai'an	85.68	311	↑P	P	01	14 42.1	+1.9	
TIA	comp=Z,30nm,1.4s					01	15 00.0	+7.5	
TIA	comp=Z,2µm,7.4s					01	25 11.1	+0.2	
TIA	comp=Z,2µm,19.6s								
TIA	comp=Z,2µm,20.8s								
TIA	comp=Z,3µm,20.8s								
WRH	Wood River Hill	85.74	11	eP	P	01	14 40.0	+0.1	
WRH	comp=Z,157nm,1.4s								
833A	Chaparral WMA,	85.75	58	P	P	01	14 40.4	-0.4	
833A	baz=246					01	14 40.1	+0.1	
DOT	Dot Lake	85.77	13	eP	P				
DOT	comp=Z,82nm,1.1s								
COCO	West Island	85.80	259	PFAKE	LR	01	14 50.0	+8.7	
COCO	comp=Z,5µm,20.0s					01	14 41.4	+0.3	
034A	Hebbronville	85.81	60	P	P	01	14 41.1	-0.1	
034A	baz=242					01	14 41.5	+0.3	
T25A	Trinidad	85.82	48	eP	P				
T25A	comp=Z,52nm,1.8s					01	14 39.9	-0.4	
MLY	Manley	85.82	9	eP	P				
MLY	comp=Z,32nm,1.3s								
MLY	comp=Z,4µm,20.0s					01	14 39.7	-0.8	
HDA	Harding Lake	85.89	11	eP	P				
HDA	comp=Z,46nm,1.2s								
230A	Sterling City	85.90	54	P	P	01	14 41.4	-0.1	
230A	baz=244					01	14 40.0	-0.8	
CCB	Clear Creek Bu	85.95	11	eP	P				
CCB	comp=Z,93nm,1.4s					01	14 41.7	-0.7	
035Z	Hargill	86.08	60	P	P	01	14 50.0	+7.8	
035Z	baz=246								
WALA	Waterton Lakes	86.10	35	PFAKE	LR	01	14 41.6	-0.2	
WALA	comp=Z,8µm,19.0s					01	14 41.2	-0.6	
COLA	College	86.15	11	eP	P	01	14 41.2	-0.6	
COLA	comp=Z,31nm,1.0s					01	14 43.1	+0.2	
COLA									

TIGA	comp=2.4µm,18.0s	99.68	60	PFAKE	LR	LR	01 16 00.0	+15	SJG	San Juan	111.62	78	PFAKE	LR	LR	01 20 50.0	ARU	Arti	126.58	327	i	PKIKP	PKPdf	01 21 04.7	+0.6		
TIGA	comp=2.2µm,20.0s			LR	LR				SJG								ARU	ARU						01 28 57.8			
COWI	comp=2.2µm,20.0s	99.81	45	PFAKE	LR	LR	01 16 00.0	+14	BCX	comp=2.2µm,19.0s	111.65	51	PFAKE	LR	LR	01 20 50.0	ARU	ARU						01 28 13.3			
COWI	comp=2.2µm,20.0s			LR	LR				BCX	Boston College							ARU	ARU						01 32 56.0	-3.8		
GOGA	comp=2.2µm,20.0s	100.34	58	PFAKE	LR	LR	01 16 00.0	+12	RPR	comp=2.13µm,21.0s	111.77	283	ePKIKP	PKIKP	PKIKP	01 20 36.6	-0.2	ARU	ARU						01 38 02.2	-2.2	
GOGA	comp=2.2µm,20.0s			LR	LR				RPR	Rampur			ePP	PP	PP	01 21 17.8	-1.8	ARU	ARU						01 39 56.5	-7.1	
ZAK	comp=2.4µm,20.0s	100.44	320	eP	Pdif	Pdif	01 15 46.9	-1.5	PTGA	comp=2.4µm,18.0s	111.84	99	ePKIKP	PFAKE	LR	01 20 17.5	+0.6	ARU	Arti	126.58	327	ePKPdf	PKPdf	PKPdf	01 21 04.3	+0.3	
ZAK	comp=2.2.0nm,1.5s			LR	LR				PTGA	Pitinga			PP	PP	PP	01 20 50.0		ARU	ARU								
DWPF	comp=2.2.0nm,1.5s	100.55	64	PFAKE	LR	LR	01 16 00.0	+11	HYBB	comp=2.4µm,18.0s	112.11	281	ePP	PP	PP	01 21 20.2	-1.9	SUR	SUR	126.86	195	PFAKE	LR	LR	01 21 20.0	+14	
DWPF	comp=2.2µm,21.0s			LR	LR				HYBB	Hyderabad (bro)			ePKIKP	PKIKP	PKIKP	01 21 17.8	-1.8	SUR	SUR								
TLY	comp=2.2µm,21.0s	100.61	321	PFAKE	LR	LR	01 16 00.0	+11	ZALV	comp=2.0.4nm,0.4s,baz=143,slow=3.6,SNR=3.4	112.22	321	ePKIKP	PKIKP	PKIKP	01 20 36.3	-0.3	ABKAR	Abkarak array	128.10	318	ePKPdf	PKPdf	PKPdf	01 21 07.5	+0.3	
TLY	comp=2.3µm,20.0s			LR	LR				ZALV	Zalesovo Beam			PP	PP	PP	01 21 18.1	-3.7	ARCES	ARCES Array B	128.41	352	PKP	PKP	PKP	01 21 07.7	+0.4	
MTDJ	comp=2.4µm,20.0s	101.21	75	PFAKE	LR	LR	01 16 00.0	+7.5	SPB	comp=2.0.9nm,0.7s,baz=74,slow=5.2,SNR=5.4	112.27	127	PFAKE	LR	LR	01 20 50.0		AKTO	Aktuyubinsk	128.95	320	PKP	PKP	PKP	01 21 09.5	+0.7	
MTDJ	comp=2.2µm,20.0s			LR	LR				SPB	Sao Paulo			PP	PP	PP	01 20 50.0		RCBR	Riachuelo	131.32	117	PFAKE	LR	LR	01 21 30.0	+16	
JSC	comp=2.2µm,20.0s	102.34	58	PFAKE	LR	LR	01 16 10.0	+13	SRSR	comp=2.4µm,19.0s	112.66	283	ePP	PP	PP	01 21 24.5	-1.5	GEYT	Alibeck	131.70	304	PKP	PKP	PKP	01 21 14.3	-0.2	
JSC	comp=2.2µm,20.0s			LR	LR				SRSR	Sriramsagar			ePKIKP	PKIKP	PKIKP	01 21 18.2	-2.3	GEYT	GeYT	131.70	304	PKP	PKP	PKP	01 23 32.4	-2.4	
KMSC	comp=2.4µm,20.0s	102.50	57	PFAKE	LR	LR	01 16 10.0	+12	LMQ	comp=2.6µm,19.0s	112.74	46	PFAKE	LR	LR	01 20 50.0		KLMR	Klimovskoe	132.38	339	ePKIKP	PKPdf	PKPdf	01 21 17.0	+2.0	
KMSC	comp=2.4µm,20.0s			LR	LR				LMQ	La Malbaie			PP	PP	PP	01 20 50.0		KLMR	KLMR								
GLMI	comp=2.4µm,20.0s	102.51	47	PFAKE	LR	LR	01 16 10.0	+12	WVL	comp=2.8µm,19.0s	112.97	49	PFAKE	LR	LR	01 20 50.0		UOSS	UOSS	133.86	286	PFAKE	LR	LR	01 21 30.0	+11	
GLMI	comp=2.4µm,20.0s			LR	LR				WVL	Waterville			PP	PP	PP	01 20 50.0		UOSS	UOSS								
ACSO	comp=2.4µm,20.0s	102.53	52	PFAKE	LR	LR	01 16 10.0	+12	PKME	comp=2.8µm,19.0s	113.29	48	PFAKE	LR	LR	01 20 50.0		FINES	FINES Array B	135.69	347	PKIKP	PKIKP	PKIKP	01 21 15.6		
ACSO	comp=2.4µm,20.0s			LR	LR				PKME	Peaks-Kenny Pk			PP	PP	PP	01 20 50.0		FINES	FINES								
AAM	comp=2.5µm,19.0s	102.55	49	PFAKE	LR	LR	01 16 10.0	+12	MKAR	comp=2.3µm,20.0s	113.47	313	PKIKP	PKIKP	PKIKP	01 20 38.9	-0.4	FINES	FINES								
AAM	comp=2.5µm,19.0s			LR	LR				MKAR	Makanchi Array			ePKIKP	PKIKP	PKIKP	01 20 50.0		FINES	FINES								
NHSC	comp=2.4µm,20.0s	102.91	59	PFAKE	LR	LR	01 16 10.0	+10	MAKZ	comp=2.0.8nm,0.6s,baz=87,slow=0.5,SNR=9.6	113.69	313	PFAKE	LR	LR	01 20 50.0		OBN	OBN								
NHSC	comp=2.4µm,20.0s			LR	LR				MAKZ	Makanchi			PP	PP	PP	01 21 34.8	-1.3	OBN	OBN								
BLA	comp=2.5µm,20.0s	103.73	55	PFAKE	LR	LR	01 16 10.0	+6.8	KLRI	comp=2.1µm,20.0s	114.08	282	ePP	PP	PP	01 27 25.7	+0.5	OBN	OBN								
BLA	comp=2.5µm,20.0s			LR	LR				KLRI	Killari			ePKIKP	PKIKP	PKIKP	01 20 50.0	+9.3	OBN	OBN								
LSA	comp=2.5µm,20.0s	103.84	297	PFAKE	LR	LR	01 16 20.0	+16	SABA	comp=2.2µm,19.0s	114.19	79	PFAKE	LR	LR	01 20 50.0	+9.3	OBN	OBN								
LSA	comp=2.5µm,20.0s			LR	LR				SABA	Saba			PP	PP	PP	01 20 50.0	+9.3	OBN	OBN								
SDV	comp=2.1µm,22.0s	104.91	86	PFAKE	LR	LR	01 16 20.0	+11	PQI	comp=2.2µm,19.0s	114.26	47	PFAKE	LR	LR	01 20 50.0	+9.3	OBN	OBN								
SDV	comp=2.2µm,20.0s			LR	LR				PQI	Presque Isle			PP	PP	PP	01 20 50.0	+8.2	OBN	OBN								
ERPA	comp=2.2µm,20.0s	105.16	50	PFAKE	LR	LR	01 20 40.0		SEUS	comp=2.10µm,19.0s	114.40	79	PFAKE	LR	LR	01 20 50.0	+8.2	VRH	Novokhopovorsk	137.81	327	ePKIKP	PKPdf	PKPdf	01 21 26.6	+1.2	
ERPA	comp=2.2µm,20.0s			LR	LR				SEUS	St. Eustatius			PP	PP	PP	01 20 50.0	+8.1	VRH	VRH								
CNCC	comp=2.4µm,18.0s	105.26	58	PFAKE	LR	LR	01 20 40.0		SMRT	comp=2.1µm,19.0s	114.44	78	PFAKE	LR	LR	01 20 50.0	+8.1	VSU	Vasula	138.17	344	i	PKIKP	PKPdf	01 21 28.9	+3.1	
CNCC	comp=2.4µm,18.0s			LR	LR				SMRT	St. Maarten			PP	PP	PP	01 20 50.0	+8.7	LPSR	LPSR								
RES	comp=2.3µm,19.0s	105.45	16	PFAKE	LR	LR	01 20 30.0		EMMW	comp=2.2µm,19.0s	114.55	49	PFAKE	LR	LR	01 20 50.0	+8.7	LPSR	LPSR								
RES	comp=2.3µm,19.0s			LR	LR				EMMW	East Machias			PP	PP	PP	01 21 00.0	+16	LPSR	LPSR								
LGNH	comp=2.4µm,20.0s	105.78	76	PFAKE	LR	LR	01 20 40.0		FDL	comp=2.4µm,22.0s	115.44	82	PFAKE	LR	LR	01 21 00.0	+16	HFS	Hagfors	138.87	355	PKIKP	PKIKP	PKIKP	01 21 17.5		
LGNH	comp=2.4µm,20.0s			LR	LR				FDL	Fort de France			PP	PP	PP	01 21 00.0	+16	HFS	HFS								
SAML	comp=2.4µm,20.0s	105.81	106	PFAKE	LR	LR	01 20 40.0		ANWB	comp=2.900nm,19.0s	115.55	79	PFAKE	LR	LR	01 21 00.0	+16	HFS	HFS								
SAML	comp=2.4µm,20.0s			LR	LR				ANWB	Willy Bob			PP	PP	PP	01 21 00.0	+16	HFS	HFS								
PAPH	comp=2.2µm,18.0s	106.07	76	PFAKE	LR	LR	01 20 40.0		KURK	comp=2.900nm,20.0s	115.99	318	PFAKE	LR	LR	01 21 00.0	+16	VSR	Storozhevo	139.07	329	ePKIKP	PKPdf	PKPdf	01 21 29.3	+1.6	
PAPH	comp=2.4µm,18.0s			LR	LR				KURK	Kurchatov			PP	PP	PP	01 21 00.0	+16	VSR	VSR								
SADO	comp=2.3µm,20.0s	106.30	48	PFAKE	LR	LR	01 20 40.0		MDOK	comp=2.3µm,20.0s	117.03	309	i	PKP	PKP	01 20 33.1		VSR	VSR								
SADO	comp=2.3µm,20.0s			LR	LR				MDOK	Medeo			i	PKP	PKP	01 21 48.8	-7.6	VSR	VSR								
CBN	comp=2.3µm,20.0s	106.30	55	PFAKE	LR	LR	01 20 40.0		MDOK	comp=2.2µm,19.0s	117.03	309	i	PKP	PKP	01 21 48.8	-7.6	VSR	VSR								
CBN	comp=2.3µm,20.0s			LR	LR				MDOK	MDOK			i	PKP	PKP	01 27 27.1	-9.4	VSR	VSR								
SSPA	comp=2.5µm,20.0s	106.40	52	PFAKE	LR	LR	01 20 40.0		MDOK	comp=2.1µm,22.0s	117.03	309	i	PKP	PKP	01 31 09.0	-2.7	VSR	VSR								
SSPA	comp=2.5µm,20.0s			LR	LR				MDOK	MDOK			i	PKP	PKP	01 31 09.0	-2.7	VSR	VSR								
SDDR	comp=2.4µm,18.0s	107.11	75	PFAKE	LR	LR	01 20 40.0		MDOK	comp=2.4µm,22.0s	117.03	309	i	PKP	PKP	02 04 17.8		VSR	VSR								
SDDR	comp=2.4µm,18.0s			LR	LR				MDOK	MDOK			i	PKP	PKP	02 04 17.8		VSR	VSR								
PALK	comp=2.3µm,20.0s	107.30	272	PFAKE	LR	LR	01 20 40.0		MDOK	comp=2.4µm,22.0s	117.03	309	i	PKP	PKP	02 04 17.8		VSR	VSR								
PALK	comp=2.3µm,20.0s			LR	LR				MDOK	MDOK			i	PKP	PKP	02 04 17.8		VSR	VSR								
CHLP	comp=2.2µm,20.0s	107.31	284	ePP	PP	PP	01 20 42.4	-4.8	MDOK	comp=2.4µm,22.0s	117.03	309	i	PKP	PKP	02 04 17.8		VSR	VSR								
CHLP	comp=2.2µm,20.0s			ePKIKP	PKIKP	PKIKP	01 27 00.3	+2.2	MDOK	comp=2.4µm,22.0s	117.03	309	i	PKP	PKP	02 04 17.8		VSR	VSR								
CHLP	comp=2.2µm,20.0s			ePKIKP	PKIKP	PKIKP	01 28 32.5		MDOK	comp=2.4µm,22.0s	117.03	309	i	PKP	PKP	02 04 17.8		VSR	VSR								
BINGHAMTON	comp=2.4µm,18.0s	108.10	51	PFAKE	LR	LR	01 20 40.0		MDOK	comp=2.4µm,22.0s	117.03	309	i	PKP	PKP	02 04 17.8		VSR	VSR								
BINGHAMTON	comp=2.4µm,18.0s			LR	LR				MDOK	MDOK			i	PKP	PKP	02 04 17.8		VSR	VSR								
KSPA	comp=2.5µm,20.0s	108.15	52	PFAKE	LR	LR	01 20 40.0		MDOK	comp=2.4µm,22.0s	117.03	309	i	PKP	PKP	02 04 17.8		VSR	VSR								
KSPA	comp=2.5µm,20.0s			LR	LR				MDOK	MDOK			i	PKP	PKP												

24d 1h

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/N, SNR, error rates).

2011 JAN

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/N, SNR, error rates).

1214

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/N, SNR, error rates).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res. Includes stations like KALE, KALX, ANX, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res. Includes stations like THE, THE, THE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, Res. Includes stations like TXAR, MNTX, ATAH, etc.

KAVA	Kavala	4.86 115	P	Pn	01 27 52.7 +0.7	BUR08	Bucovina Ar. S	6.38 44	ePn	Pn	01 28 13.4 +0.4	SBF	Sospel	8.20 278	ePn	Pn	01 28 35.3 -2.6
EVR	Evrýtania	4.89 150	S	Pn	01 27 54.7 +2.3	STHS	Stebnicka Huta	6.47 15	eP	Pn	01 28 15.1 +1.1	SBF	Novy Kostel	8.24 331	eSn	Sn	01 30 04.0 -7.2
EVR	Evrýtania	4.89 150	S	Pn	01 27 54.7 +2.3	STHS	Stebnicka Huta	6.47 15	ePn	Pn	01 28 15.1 +1.1	NKC	Novy Kostel	8.24 331	e	MLR	01 28 40.2 +1.9
EVR	Evrýtania	4.89 150	S	Pn	01 27 54.7 +2.3	ATH	Athens Observa	6.47 142	P	Pn	01 28 15.1 +1.0	NKC	Novy Kostel	8.24 331	ePn	Pn	01 28 40.2 +1.9
EVR	Evrýtania	4.89 150	S	Pn	01 27 54.7 +2.3	ATH	Athens Observa	6.47 142	P	Pn	01 28 15.1 +1.0	NKC	Novy Kostel	8.24 331	eSn	AMS	01 32 20.0
OUR	Ouranopolis	4.89 124	P	Pn	01 27 53.9 +1.6	PTL	Penteli	6.48 141	P	Pn	01 28 15.2 +1.0	NKC	Novy Kostel	8.24 331	ePn	Pn	01 28 40.2 +1.9
OUR	Ouranopolis	4.89 124	P	Pn	01 27 53.9 +1.6	PTL	Penteli	6.48 141	P	Pn	01 28 15.2 +1.0	NKC	Novy Kostel	8.24 331	eSn	AMS	01 32 20.0
OUR	Ouranopolis	4.89 124	P	Pn	01 27 53.9 +1.6	WATA	Walderalm	6.50 312	i Pn	Pn	01 28 17.0 +2.4	NKC	Novy Kostel	8.24 331	Pn	Pn	01 28 40.2 +1.9
OUR	Ouranopolis	4.89 124	P	Pn	01 27 53.9 +1.6	WATA	Walderalm	6.50 312	i Pn	Pn	01 28 17.0 +2.4	REV	Revere	8.25 278	P	Pn	01 28 40.0 +1.5
CARI	Castiglion Fio	4.91 274	Pn	Pn	01 27 54.5 +1.9	ATHU	Athens Univer	6.51 142	P	Pn	01 28 15.4 +0.8	REV	Revere	8.25 278	P	Pn	01 30 11.0 -1.3
CAFI	Castiglion Fio	4.92 310	Pn	Pn	01 27 54.2 +1.5	ATHU	Athens Univer	6.51 142	P	Pn	01 28 15.4 +0.8	LU	Luceram	8.27 279	P	Pn	01 28 40.0 +1.5
VINO	Villanova	4.92 310	Pn	Pn	01 27 54.2 +1.5	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	LU	Luceram	8.27 279	P	Pn	01 28 40.4 +1.6
VINO	Villanova	4.92 310	Pn	Pn	01 27 54.2 +1.5	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	LU	Luceram	8.27 279	P	Pn	01 28 40.4 +1.6
MAKR	Makrakomi, Fth	4.92 147	P	Pn	01 27 55.0 +2.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	eP	Pn	01 28 37.6 -1.3
MAKR	Makrakomi, Fth	4.92 147	P	Pn	01 27 55.0 +2.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 30 11.1 -2.0
MAKR	Makrakomi, Fth	4.92 147	P	Pn	01 27 55.0 +2.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
CJR	Cluj-Napoca	4.95 431	P	Pn	01 27 53.4 +0.2	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
CJR	Cluj-Napoca	4.95 431	P	Pn	01 27 53.4 +0.2	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
MYKA	Terra Mystica	4.96 316	i Pn	Pn	01 27 55.4 +2.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
MYKA	Terra Mystica	4.96 316	i Pn	Pn	01 27 55.4 +2.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
PDO	Prodromos	4.97 157	P	Pn	01 27 53.7 +0.3	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
PDO	Prodromos	4.97 157	P	Pn	01 27 53.7 +0.3	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
PAIG	Paliouri	4.97 129	P	Pn	01 27 54.9 +1.4	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
PAIG	Paliouri	4.97 129	P	Pn	01 27 54.9 +1.4	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
PAIG	Paliouri	4.97 129	P	Pn	01 27 54.9 +1.4	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
PAIG	Paliouri	4.97 129	P	Pn	01 27 54.9 +1.4	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
AGG	Agios Georgios	5.00 145	eP	Pn	01 27 55.0 +1.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
AGG	Agios Georgios	5.00 145	eP	Pn	01 27 55.0 +1.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
AGG	Agios Georgios	5.00 145	eP	Pn	01 27 55.0 +1.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
AGG	Agios Georgios	5.00 145	eP	Pn	01 27 55.0 +1.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
VOIR	Voiron	5.09 62	i Pn	Pn	01 27 56.4 +1.3	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
VOIR	Voiron	5.09 62	i Pn	Pn	01 27 56.4 +1.3	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
ZST	Bratislava	5.12 348	eP	Pn	01 27 55.6 +0.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
ZST	Bratislava	5.12 348	eP	Pn	01 27 55.6 +0.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
ZST	Bratislava	5.12 348	ePn	Pn	01 27 55.6 +0.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
ZST	Bratislava	5.12 348	eSn	Pn	01 27 55.6 +0.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
ZST	Bratislava	5.12 348	ePn	Pn	01 27 55.6 +0.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
CONA	Conrad Observa	5.13 338	i Pn	Pn	01 27 56.1 +0.4	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
CONA	Conrad Observa	5.13 338	i Pn	Pn	01 27 56.1 +0.4	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
CONA	Conrad Observa	5.13 338	i Pn	Pn	01 27 56.1 +0.4	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
NEO	Neokhori	5.18 137	P	Pn	01 27 58.4 +2.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
NEO	Neokhori	5.18 137	P	Pn	01 27 58.4 +2.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
ANX	Ano Chora	5.21 151	S	Pn	01 27 58.5 +1.6	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
ANX	Ano Chora	5.21 151	S	Pn	01 27 58.5 +1.6	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
ANX	Ano Chora	5.21 151	S	Pn	01 27 58.5 +1.6	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
ANX	Ano Chora	5.21 151	S	Pn	01 27 58.5 +1.6	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
EPF	Epipalio	5.36 152	P	Pn	01 28 00.3 +1.6	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
EPF	Epipalio	5.36 152	P	Pn	01 28 00.3 +1.6	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
SMOL	Smolence	5.39 351	eP	Pn	01 28 00.7 +1.5	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
SMOL	Smolence	5.39 351	ePn	Pn	01 28 00.7 +1.5	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
SMOL	Smolence	5.39 351	ePn	Pn	01 28 00.7 +1.5	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
SMOL	Smolence	5.39 351	ePn	Pn	01 28 00.7 +1.5	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
KBA	Koelnbreinsper	5.41 318	i Pn	Pn	01 28 01.3 +1.6	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
KBA	Koelnbreinsper	5.41 318	i Pn	Pn	01 28 01.3 +1.6	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
KBA	Koelnbreinsper	5.41 318	i Pn	Pn	01 28 01.3 +1.6	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
SERG	Sergoula	5.42 151	P	Pn	01 28 01.3 +1.6	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
SERG	Sergoula	5.42 151	P	Pn	01 28 01.3 +1.6	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
KALE	Kalitheia	5.47 150	P	Pn	01 28 02.5 +2.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
KALE	Kalitheia	5.47 150	P	Pn	01 28 02.5 +2.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
SMIA	Simia	5.51 140	P	Pn	01 28 02.2 +1.4	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
SMIA	Simia	5.51 140	P	Pn	01 28 02.2 +1.4	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
LAKA	Lakka	5.55 152	P	Pn	01 28 02.4 +1.0	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
LAKA	Lakka	5.55 152	P	Pn	01 28 02.4 +1.0	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
RELS	Riolos of Patr	5.55 157	P	Pn	01 28 02.7 +1.3	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
RELS	Riolos of Patr	5.55 157	P	Pn	01 28 02.7 +1.3	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
ARCR	ARCALIA	5.58 44	i Pn	Pn	01 28 01.8 -0.1	VAE	Valguarnera	6.58 211	Pn	Pn	01 28 16.4 +0.9	GRFO	Grafenberg	8.29 324	ePn	Pn	01 28 37.6 -1.3
ARCR	ARCALIA	5.58 44	i Pn	Pn	01 28 01.8 -0.1	VAE	Valguarnera	6.58 211	P								

Table with columns for station name, frequency, and signal strength. Includes stations like ZAK, BINGOL, ERZURUM, SOCHI, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like TOKA, SAMS, KMRs, KUZU, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like KERG, SERE, LAMP, KLMR, etc.

24d 2h

2011 JAN

1222

Table with columns for station name, frequency, and signal strength. Includes stations like Kiev, AK11, TMCR, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like comp=Z,11um,16.3s, AKHS, AKS, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like KWP, KPW, KPE, etc.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like VAV Vandalovo, BEL Belsk, and many others.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like IVA Berane, PVL Plav, and many others.

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like SOP Sopron, GOP Ujpec, and many others.

Table with columns for station code, name, frequency, and signal strength. Includes stations like SBUU Sibiu, KKM Kota Kinabalu, LMK Market Rasen, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like YUK comp=E,471nm,1.3s, YUK comp=Z,3um,18.0s, YUK comp=E,2um,19.0s, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like PTOM comp=Z,345nm,1.7s, PMTG Montargil, PMTG comp=Z,73nm,1.8s, etc.

E30A	Jud	95.15	354	P	P	02 58 42.3 +0.1	baz=6.5, SNR=24
E28A	Huff	95.20	356	P	P	02 58 42.5 +0.1	baz=5.1, SNR=5.5
F36A	Milaca	95.23	350	P	P	02 58 42.5 -0.1	baz=11, SNR=24
F35A	Swanville	95.36	351	P	P	02 58 43.2 +0.1	baz=9.9
E27A	Carson	95.40	356	P	P	02 58 43.4 0.0	baz=4.5, SNR=15
E26A	Carlson Angus	95.40	357	P	P	02 58 43.9 +0.5	baz=3.0, SNR=30
E25A	Miller Ranch	95.41	357	P	P	02 58 43.8 +0.4	baz=3.0, SNR=32
KSPA	Keystone Colle	95.43	337	eP	P	02 58 41.6 -2.0	comp=Z, 578nm, 1.4s
ODNJ	Ogdensburg	95.49	336	eP	P	02 58 45.9 +2.1	comp=Z, 59nm, 0.9s
F34A	Alexandria	95.50	352	P	P	02 58 43.1 -0.7	baz=9.4
G03D	McMinville, O	95.51	11	P	P	02 58 43.2 -0.7	baz=34
F10A	Beach Ranch, E	95.52	7	eP	P	02 58 44.1 +0.2	comp=Z, 30nm, 0.9s
F32A	5 Mile Ranch	95.57	352	P	P	02 58 43.9 -0.2	baz=8.6, SNR=27
F33A	Veblen	95.62	353	P	P	02 58 43.9 -0.4	baz=7.9
VFP	Flag Point	95.67	10	P	P	02 58 45.5 +0.7	baz=7.0, SNR=14
F31A	Hecla	95.74	354	P	P	02 58 45.2 +0.3	baz=7.0, SNR=14
SPMM	Marine St.	95.75	350	P	P	02 58 44.9 -0.1	baz=11, SNR=18
SPMM	Marine on St.	95.75	350	eP	P	02 58 45.1 +0.1	comp=Z, 60nm, 0.8s
G05D	Wamic, OR	95.76	10	P	P	02 58 44.7 -0.4	baz=349
F30A	Leola	95.82	354	P	P	02 58 43.5 -1.8	baz=6.4
G06A	Carlson Farm,	95.86	10	eP	P	02 58 46.5 +1.0	comp=Z, 55nm, 1.4s
G36A	St. Michael	95.87	351	P	P	02 58 45.3 -0.2	baz=11, SNR=6.2
F29A	Eureka	95.89	355	P	P	02 58 45.1 -0.5	baz=5.8, SNR=6.3
F28A	McLaughlin	95.94	356	P	P	02 58 45.6 -0.2	baz=5.0, SNR=16
F27A	Leimon	95.98	356	P	P	02 58 46.8 +0.7	baz=4.1, SNR=32
G35A	Watkins	95.98	351	P	P	02 58 44.5 -1.4	baz=10.0
F25A	Bowman	95.99	357	P	P	02 58 46.1 0.0	baz=3.0, SNR=14
N59A	State Game Lan	96.01	337	P	P	02 58 45.1 -1.1	baz=24
LRM	Limekiln Ridge	96.02	4	eP	P	02 58 47.2 +0.7	baz=11, SNR=16
F26A	Lodgepole	96.03	357	P	P	02 58 46.3 0.0	baz=3.6, SNR=16
G34A	Benson	96.09	352	P	P	02 58 45.7 -0.8	baz=9.1
COR	Corvallis	96.11	12	eP	pmx	02 58 48.9 +2.3	comp=Z, 72nm, 1.0s
COR	Corvallis	96.11	12	eP	pmx	02 58 48.9 +2.3	comp=Z, 72nm, 1.0s
ERP/A	Erie	96.13	340	eP	P	02 58 46.5 -0.2	comp=Z, 64nm, 0.9s
G04T	Greycliff	96.16	2	eP	P	02 58 47.9 +1.0	baz=2.3
H04A	Detroit Lake	96.19	11	eP	P	02 58 46.8 -0.2	comp=Z, 33nm, 1.0s
BOZ	Bozeman (W)	96.23	3	eP	pmx	02 58 48.2 +0.8	comp=Z, 52nm, 1.2s
BOZ	Bozeman (W)	96.23	3	P	P	02 58 47.6 +0.3	baz=356, SNR=29
BOZ	Bozeman (W)	96.23	3	eP	P	02 58 48.2 +0.8	comp=Z, 52nm, 1.2s
G32A	Webster	96.27	353	P	P	02 58 47.1 -0.2	baz=7.6, SNR=11
G31A	Conde	96.36	354	P	P	02 58 47.5 -0.2	baz=11, SNR=5.0
H37A	Dierke Farm, C	96.40	350	P	P	02 58 47.9 0.0	baz=11, SNR=19
G27A	Dupree	96.47	356	P	P	02 58 48.1 -0.1	baz=4.2, SNR=27
DLMT	Dillon	96.47	4	eP	P	02 58 48.9 +0.5	comp=Z, 89nm, 1.4s
G29A	Hoven	96.53	355	P	P	02 58 48.5 0.0	baz=5.7
H35A	Sunnyside Ranc	96.53	351	P	P	02 58 48.3 -0.2	baz=9.3, SNR=6.1
G30A	Faultkon	96.54	354	P	P	02 58 48.7 +0.1	baz=6.3, SNR=32
H36A	Jessenland, He	96.54	351	P	P	02 58 48.3 -0.2	baz=10, SNR=10
G26A	Maurine	96.58	357	P	P	02 58 48.9 +0.1	baz=3.6, SNR=25
BMO	Blue Mountains	96.62	7	eP	P	02 58 48.4 -0.7	comp=Z, 16nm, 1.1s
BMO	Terrebonne, OR	96.65	10	eP	PP	03 02 38.9 -4.6	baz=349, SNR=6.9
I05D	Spellman Lake,	96.67	352	P	P	02 58 48.8 -0.3	baz=9.0
G28A	Parade	96.71	356	P	P	02 58 49.8 +0.5	baz=5.0, SNR=30
G25A	Newell	96.72	357	P	P	02 58 49.5 +0.1	baz=3.0, SNR=14
H33A	Prehn Over Nor	96.76	353	P	P	02 58 49.7 +0.1	baz=8.3, SNR=13
RLMT	Red Lodge	96.83	2	P	P	02 58 50.4 +0.3	comp=Z, 58nm, 1.5s
RLMT	Red Lodge	96.83	2	eP	P	02 58 51.1 +1.0	baz=6.7
I38A	Scanlan Farm,	96.85	349	P	P	02 58 49.8 -0.1	baz=12, SNR=13
AAM	Ann Arbor	96.88	343	eP	pmx	02 58 51.1 +1.0	comp=Z, 52nm, 1.3s
AAM	Ann Arbor	96.88	343	eP	P	02 58 51.1 +1.0	comp=Z, 52nm, 1.3s
SSPA	Standing Stone	96.91	338	eP	P	02 58 50.2 0.0	comp=Z, 59nm, 1.1s
I03D	Drain, OR	96.97	12	P	P	02 58 49.5 -0.9	baz=347
MCMT	McKenzie Canyo	96.99	4	eP	P	02 58 52.9 +2.0	baz=7.9, SNR=5.6
H32A	Carlson Farm,	97.01	353	P	P	02 58 50.8 0.0	baz=348, SNR=6.1
I04A	Tendick Farm,	97.02	11	P	P	02 58 51.0 +0.1	baz=11, SNR=6.1
I37A	Lemond, Waseca	97.02	350	P	P	02 58 50.7 -0.1	baz=11, SNR=6.1
MVL	Millersville	97.03	337	eP	P	02 58 50.6 -0.2	comp=Z, 18nm, 1.1s
QLMT	Earthquake Lak	97.06	3	eP	P	02 58 51.1 -0.1	baz=10, SNR=7.1
I36A	Fitzsimmons Fa	97.10	350	P	P	02 58 51.1 -0.1	baz=5.5, SNR=17
H29A	Onida	97.11	355	P	P	02 58 51.3 0.0	baz=5.5, SNR=17
H28A	Mission Ridge	97.12	356	P	P	02 58 51.5 +0.3	baz=4.9, SNR=36
H31A	Wolsey	97.13	354	P	P	02 58 51.4 +0.2	baz=6.9, SNR=5.5
SUSD	Miller	97.20	354	P	P	02 58 51.4 -0.1	baz=6.5, SNR=11
N54A	Howes	97.22	356	P	P	02 58 52.0 +0.3	baz=4.0, SNR=18
H26A	Fairpoint	97.27	357	P	P	02 58 52.0 0.0	baz=3.5, SNR=10
H25A	Fruitdale	97.29	357	P	P	02 58 52.7 +0.6	baz=2.9, SNR=20
I33A	Coleman	97.40	352	P	P	02 58 52.2 -0.3	baz=8.2
O56A	Blue Knob Stat	97.45	338	P	P	02 58 52.1 -0.7	baz=22
YFT	Old Faithful	97.46	3	eP	P	02 58 53.5 +0.4	comp=Z, 46nm, 1.3s
I32A	Karley and Nic	97.48	353	P	P	02 58 52.2 -0.7	baz=7.7
H17A	Grant Village	97.53	2	P	P	02 58 54.5 +1.1	baz=357, SNR=5.7
H17A	Grant Village	97.53	2	eP	P	02 58 54.5 +1.2	comp=Z, 46nm, 1.2s
J38A	Wedel Dairy, R	97.58	349	P	P	02 58 52.8 -0.4	baz=12
I31A	Royce, Wessing	97.58	354	P	P	02 58 52.7 -0.5	baz=6.8
J04D	Umpqua Nation	97.61	11	P	Pd	02 58 53.7 0.0	baz=348, SNR=8.5
JFWS	Jewell Farm	97.62	348	eP	pmx	02 58 53.3 -0.1	comp=Z, 87nm, 0.8s
JFWS	Jewell Farm	97.62	348	eP	P	02 58 53.3 -0.1	comp=Z, 87nm, 0.8s
ECSD	EROS Data Cent	97.69	352	P	Pd	02 58 54.0 +0.2	comp=Z, 87nm, 0.8s
ECSD	EROS Data Cent	97.69	352	eP	Pd	02 58 54.0 +0.2	comp=Z, 87nm, 0.8s
J05D	Fort Rock, OR	97.69	10	P	Pd	02 58 54.0 0.0	comp=Z, 77nm, 1.4s
MCID	Moore Creek	97.71	3	eP	Pd	02 58 55.7 +1.5	baz=19, SNR=13
SDMD	Soldier's Deli	97.72	337	eP	Pd	02 58 54.8 +0.8	baz=5.5, SNR=31
I29A	Vivian Onida	97.72	355	P	Pd	02 58 54.1 +0.2	baz=5.5, SNR=31
J37A	Redenius Farm,	97.74	350	P	Pd	02 58 54.1 +0.1	baz=11, SNR=6.1
I30A	Oacoma	97.77	354	P	P	02 58 54.1 0.0	baz=6.1, SNR=5.4
I27A	Quinn	97.78	356	P	Pd	02 58 54.4 +0.1	comp=Z, 56nm, 1.0s
I28A	Midland	97.80	356	P	P	02 58 54.2 -0.1	baz=4.8, SNR=14
RSSD	Black Hills	97.81	358	eP	pmx	02 58 55.3 +0.7	comp=Z, 56nm, 1.0s
RSSD	Black Hills	97.81	358	eP	pmx	02 58 55.3 +0.7	comp=Z, 56nm, 1.0s
RSSD	Black Hills	97.81	358	eP	Pd	02 58 55.3 +0.7	comp=Z, 56nm, 1.0s
J36A	Seneca 1, Swea	97.82	351	P	P	02 58 54.1 -0.3	baz=10, SNR=9.5
FLWY	Flagg Ranch	97.83	3	eP	Pd	02 58 57.5 +2.8	comp=Z, 121nm, 1.6s
I26A	New Underwood	97.86	357	P	P	02 58 54.2 -0.4	baz=2.8, SNR=9.2
I25A	Rochford	97.90	358	P	P	02 58 54.8 -0.1	baz=2.8, SNR=9.2
J08A	Circle Bar Ran	97.97	8	eP	Pd	02 58 56.3 +1.1	comp=Z, 27nm, 1.0s
J44A	George	98.06	352	P	P	02 58 54.6 -0.8	baz=8.9
J33A	Davis	98.14	353	P	Pd	02 58 55.7 -0.1	baz=8.1
HLID	Halley	98.15	5	P	P	02 58 55.8 -0.2	baz=354, SNR=14
HLID	Halley	98.15	5	eP	Pd	02 58 56.5 +0.4	comp=Z, 55nm, 2.0s
MOOZ	Moose Ponds	98.16	3	eP	Pd	02 58 57.5 +1.3	comp=Z, 50nm, 1.1s
J32A	Parkston	98.17	353	P	P	02 58 55.6 -0.3	baz=7.4
MFID	Camas Ranch	98.18	6	eP	Pd	02 58 57.0 +0.8	comp=Z, 46nm, 1.4s
K38A	Parkersburg	98.28	349	P	Pd	02 58 56.3 -0.1	baz=11
K37A	Belmond	98.28	350	P	Pd	02 58 56.4 -0.1	baz=11
K05A	Summer Lake	98.29	10	eP	Pd	02 58 59.0 +2.3	comp=Z, 55nm, 1.4s
LOHW	Long Hollow	98.31	3	eP	Pd	02 58 58.8 +2.0	comp=Z, 27nm, 1.3s
J31A	Geddes	98.33	354	P	Pd	02 58 56.7 0.0	baz=6.7, SNR=6.2
J29A	Okreek	98.34	355	P	Pd	02 58 57.1 +0.4	baz=5.4, SNR=5.7
J30A	Dallas	98.36	354	P	Pd	02 58 56.9 +0.1	baz=6.1, SNR=4.6
J28A	Allard Ranch	98.38	356	P	Pd	02 58 57.3 +0.4	baz=4.7, SNR=17
MCWV	Mont Chateau	98.38	339	eP	Pd	02 58 57.9 +0.9	comp=Z, 54nm, 1.1s
L02D	Cave Junction,	98.43	12	P	P	02 58 56.3 -0.8	baz=347
SNOW	Snow King Moun	98.45	3	eP	Pd	02 58 55.5 +1.0	comp=Z, 35nm, 1.4s
K35A	Giltmore City	98.52	351	P	P	02 58 56.7 -0.8	baz=10
J26A	Sunshine Ranch	98.53	358	P	P	02 58 56.0 -1.7	baz=2.7
REDW	Red Top Meadw	98.55	3	eP	Pd	02 59 00.3 +2.4	comp=Z, 24nm, 1.4s
J26A	Sides Ranch, S	98.58	357	Pd	P	02 58 57.7 -0.1	baz=3.3
J27A	Elkhorn Farm,	98.59	356	Pd	Pd	02 58 57.9 0.0	baz=8
K34A	Le Mars	98.67	352	Pd	P	02 58 57.8 -0.3	baz=8.8
ACSO	Alum Creek Sta	98.67	342	eP	P	02 58 57.7 -0.5	comp=Z, 49nm, 0.9s
L38A	Oak Wood Farm,	98.80	349	Pd	P	02 58 58.6 -0.2	baz=11
K33A	Hardington	9					

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Q24A, KM5C, KM5C, R34A, S40A, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like 339A, 214A, 230A, SYO, 333A, etc.

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 KUR, SHO, YUK, etc.

ISCJB 24 03:06:36.70.9.44:57N,0:06:149:44E,0:08,h45km,7km, mb3.920, Error ellipse: s-maj=11.6km s-min=6.0km az=138.2

SKHL 24 03:06:37.30.7.44:59N,149:53E,h49km,3km,mb5.2, Error ellipse: s-maj=10.5km s-min=8.3km az=106.8

MOS 24 03:06:38.5.1.3.44:88N,149:17E,h49km,mb4.3/14, Error ellipse: s-maj=10.5km s-min=8.3km az=106.8

NEIC 24 03:06:40.5.1.3.44:82N,149:24E,h49km,mb4.3/1, Error ellipse: s-maj=22.0km s-min=9.3km az=151.0

ISC 24 03:06:37.9.1.5.44:54N,0:06:149:46E,0:08,h41km,13km, n90,+133/94,mb4.0,2C-6D,Kuril Islands

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 KUR, SHO, YUK, NEM, etc.

2011 JAN 1228

24d 3h

ISCJB 24 03:06:36.70.9.44:57N,0:06:149:44E,0:08,h45km,7km, mb3.920, Error ellipse: s-maj=11.6km s-min=6.0km az=138.2

Table with columns: Code, Station Name, Az, El, Pmax, P, Res, Time, Res, ISC. Includes stations like ILAR Eielson Array, ZALV Zalesovo Beam, INK Inuvik, MKAR Makanchi Array, etc.

ISC 24 03:10:12.5-12.0, 1779S-174.31W, h0km, mb3.9/3, mb1 4.0/3, mb1mx3.7/29, mbtmp3.9/3, Error ellipse: s-maj=390.5km s-min=57.9km az=131.0, Tonga Islands

Table with columns: Code, Station Name, Az, El, Pmax, P, Res, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, SONM Sogingo Array, etc.

CSEM 24 03:20:40.7-0.2, 43.17N-18.71E, h2km, ML2.5, Error ellipse: s-maj=3.1km s-min=2.3km az=109.0

Table with columns: Code, Station Name, Az, El, Pmax, P, Res, Time, Res, ISC. Includes stations like UPM Unac-Piva, BRY Bratogost, NKY Niksic, etc.

Table with columns: Code, Station Name, Az, El, Pmax, P, Res, Time, Res, ISC. Includes stations like TRUS Trudelj, GRUS Gruza, SELS Selova, etc.

ISC 24 03:29:01.6-0.4, 6.83N-0.04-73.07W, h0.04, h169km, dkm, mb3.4/2, Error ellipse: s-maj=8.2km s-min=3.9km az=38.6

Table with columns: Code, Station Name, Az, El, Pmax, P, Res, Time, Res, ISC. Includes stations like BARC Barichara, RUSC La Rusia, CAPV Capacho, etc.

ISC 24 03:30:26.3-2.9, 32.13S-70.14W, h75km, 24km, mb3.3/2, mb1 3.6/5, mb1mx3.4/29, mbtmp3.6/5, Error ellipse: s-maj=42.4km s-min=27.7km az=98.0

Table with columns: Code, Station Name, Az, El, Pmax, P, Res, Time, Res, ISC. Includes stations like PEL Peldehue, CLCH Cerro Calan, SAN Santiago, etc.

ISC 24 03:30:20.2-0.9, 32.32S-0.1-70.4W, h0.2, h115km, n18, n53/20, 3C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, El, Pmax, P, Res, Time, Res, ISC. Includes stations like WRA Warramunga Arr, MKAR Makanchi Array, ASAR Alice Springs, etc.

ISC 24 03:56:35.5-0.4, 49.86N-0.04-18.49E, h0.03, h0km, Error ellipse: s-maj=5.9km s-min=2.5km az=7.9

Table with columns: Code, Station Name, Az, El, Pmax, P, Res, Time, Res, ISC. Includes stations like OJK Ostrava-Krasne, OKC Ostrava-Krasne, MORC Moravsky Berou, etc.

ISC 24 03:56:36.6-0.2, 49.83N-18.59E, h0km, dkm, ML1.7/3, Error ellipse: s-maj=2.2km s-min=1.1km az=161.0

Table with columns: Code, Station Name, Az, El, Pmax, P, Res, Time, Res, ISC. Includes stations like OJC Ojcow, OJC Ojcow, LANS Liptovska Anna, etc.

GUC 24 04:01:22.2-0.5, 23.84S-67.37W, h230km, 17km, ML4.1, 4C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, El, Pmax, P, Res, Time, Res, ISC. Includes stations like PB06 IPOC Station P, PB06 IPOC Station P, PB14 IPOC Station P, etc.

ISC 24 04:22:8.2, 8.54/46N-87.08E, h0km, mb1 3.1/2, mb1mx2.9/56, mbtmp3.1/2, ML2.9/2, 3C-2D, Error ellipse: s-maj=22.6km s-min=16.3km az=57.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, El, Pmax, P, Res, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

ISC 24 04:11:02.0-0.7, 11.91N-143.79E, h0km, mb4.0/12, mb4.2/12, mb1mx4.0/42, mbtmp4.0/12, Error ellipse: s-maj=32.7km s-min=17.9km az=91.0

Table with columns: Code, Station Name, Az, El, Pmax, P, Res, Time, Res, ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

24d 4h

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H11S3 WAKE ISLAND Hy 23.09 71 T, H11S1 WAKE ISLAND Hy 23.10 71 T, H11S2 WAKE ISLAND Hy 23.10 71 T, etc.

ISCJB 24 04:11:57.5:0.7, 24.83N:0.03:119.30E:0.04, h7km, 8km, Error ellipse: s-maj=6.5km s-min=4.3km az=135.4 TAP 24 04:11:58.1, 24.81N:119.21E, h22km, 1km, ML3.7, D ISC 24 04:11:57.2:1.4, 24.79N:0.04:119.28E:0.03, h5km, 12km, n47, c064/85, 1C-1D, Taiwan region

Main table of station data for the 24d 4h period, listing station names, coordinates, and seismic parameters.

2011 JAN

Table of station data for 2011 JAN, including stations like SGST Jiashian, ENTT Nioudou, ENTT baz=94, TWA Mucha, etc.

ISC 24 04:16:39.7:1.3, 16.14S:173.39W, h0km, mb4.0/9, mb1.4/3.10, mb1mx4.1/3.7, mbtmp3.9/10, ML3.5/1, MS4.0/2, Ms1.4/1.2, ms1mx3.3/3.5, Error ellipse: s-maj=73.5km s-min=16.8km az=143.0 ISCJB 24 04:16:41.0:0.7, 16.5S:0.1:173.1W:0.2, h32km, mb4.1/12, MS4.0/2, Error ellipse: s-maj=27.6km s-min=8.2km az=35.4 NEIC 24 04:16:43.5:0.6, 16.57S:173.10W, h35km, mb4.0/1, Error ellipse: s-maj=31.2km s-min=13.3km az=130.0 ISC 24 04:16:43.1:0.7, 16.5S:0.1:173.0W:0.2, h32km, n26, c1777/30, mb4.0/12, Tonga Islands

Main table of station data for 2011 JAN, continuing from the previous table.

ISC 24 04:26:42.1:3.4, 6.70S:147.38E, h0km, mb3.0/1, mb1.3/3, mb1mx3.2/4.7, mbtmp3.2/3, ML3.4/1, Error ellipse: s-maj=91.8km s-min=33.5km az=91.0, Eastern New Guinea region

Main table of station data for 2011 JAN, continuing from the previous table.

1230

Table of station data for 1230, including stations like PDAR Pinedale Array, YKA Yellowknife Arr, BRTR Keskin Array B, etc.

NIED 24 04:36:00, 27.00N, 144.10E, h11km, Mw4.1, Best double couple: M1.5100x1015, NP1:301, 00000, 311.00000, 1.20000, NP2:102.00000, 880.00000, 1-93.00000 IDC 24 04:36:25.0:0.6, 26.77N:144.10E, h0km, mb4.2/25, mb1.4/3.28, mb1mx4.2/5.5, mbtmp4.2/28, ML3.6/3, Error ellipse: s-maj=15.3km s-min=14.4km az=40.0 NEIC 24 04:36:27.0:0.3, 26.77N:144.09E, h10km, mb4.4/9, Error ellipse: s-maj=8.6km s-min=7.2km az=54.0 JMA 24 04:36:26.4:0.1, 27.03N:144.09E, h6km, M4.2 ISC 24 04:36:27.0:0.6, 26.30N:144.09E:0.06, h10km, n52, c1905/61, mb4.3/35, Bonin Islands region

Main table of station data for 1230, including station names, coordinates, and seismic parameters.

24d 4h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like WFLY, MOOV, NLU, RLMT, etc.

MEX 24 04:40:30.9, 0.16, 16.40N, 98.51W, h16km, 7km, MD3.5, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like TLIG, CAIG, VHO, etc.

IDC 24 04:46:09.6, 1.7, 12.17N, 143.04E, h0km, mb3.6/4, mb1 4.0/4, mb1mx3.5/43, mbmtmp3.6/4, Error ellipse: s-maj=173.3km s-min=29.2km az=111.0, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like WRA, ILAR, YKA, etc.

SOME 24 04:50:53.7, 42.272N, 76.50E, h15km

KRNET 24 04:50:53.2, 0.1, 42.31N, 76.46E, h20km, mb2.9

KNET 24 04:50:54.6, 0.2, 42.31N, 76.30E, h14km, 1km, ml2.2, Error ellipse: s-maj=2.0km s-min=1.5km az=125.0

NNC 24 04:50:54.3, 2.9, 42.36N, 76.43E, h0km, mb3.0, mpv2.8, Error ellipse: s-maj=27.1km s-min=15.5km az=13.0

ISC 24 04:50:53.7, 0.9, 42.09N, 0.03, 76.45E, 0.02, h15km, 6km, n48, 0.094/83, 41C-17D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like ULHL, BOOM, IZV, etc.

2011 JAN

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like UCH, AAK, AAK, etc.

1232

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like YJA, PB06, AHML, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, WMO Urumqi, SONM Songino Array, etc.

ISCJB 24 05:05:34.7, 0.5, 50.13N, 0.04E, 19.03E, 0.03, h0km, Error ellipse: s-maj=6.1km s-min=2.4km az=8.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OJC Ojcow, UJC Ojcow, OKC Ostrava-Krasne, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LANS Liptovska Anna, MORC Moravsky Berou, NIE Niedzica, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRLC Kraliky, STHS Stebnicka Huta, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VRAC Vranov, UPIC Upice, KOLS Kolonicke sedl, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PRU Pruhonice, KHC Kasperske Hory, SOMA SOME, etc.

SOME 24 05:05:58.2, 41.35N, 77.48E, h5km, KRNET 24 05:06:00.8, 0.1, 41.51N, 77.41E, h20km, mb3.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ULHL Ulahol, PRZ Przheval'sk, ANVS Anan'yev, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOOM Booms koye usch, TNS5 Tian-Shan, IZV Izvestkoviy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MDOK Medeo, SATY Saty, KZA Kyzart, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOTS Kotyrbulak, MTBS Matitube, KST Kastek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DGS 9.8nm, 0.4s, KPKS Kokpek, UCH Uchter, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARLS Aral, PDGG Podgomoye, CHKK Chushkaly, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHLS Shalkode, AAK Ala-Archa, KUU Kurty, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, EK52 Erkin-Say, EK52 Erkin-Say, etc.

CSEM 24 05:12:04.6, 0.4, 43.17N, 18.70E, h2km, ML1.5, Error ellipse: s-maj=9.9km s-min=5.2km az=139.0

BEO 24 05:12:06.2, 0.4, 43.15N, 18.75E, h0km, M1.5/7, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TREB Trebinje, PDG Podgorica, PDG Podgorica, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STON Ston, BBL5 Lazii#263i, BBL5 Lazii#263i, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IVAS Ivanjica, DIVS Divibare, TRUS Trudelj, etc.

ISCJB 24 05:12:47.5, 0.6, 34.58N, 0.04E, 140.56E, 0.06, h52km, 6km, mb3.6/5, Error ellipse: s-maj=8.1km s-min=6.8km

JMA 24 05:12:47.0, 0.2, 34.59N, 140.63E, h55km, 2km, M3.1, IDC 24 05:12:49.8, 2.4, 34.53N, 140.50E, h58km, 20km, mb3.4/5,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HONSHU Honshu, BS03 Boso 3, BS01 Boso 1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BS04 Boso 4, KTR Katsura, JCN Nagara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Oshima 3, JKO Kozu shima, JOD2 Odawara 2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1N2 WAKE ISLAND Hy 27.60 116 T, H1N3 WAKE ISLAND Hy 27.62 116 T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, SIJI Sorong, etc.

ISCJB 24 05:38:59.9, 1.1, 26.8N, 0.2E, 144.1E, 0.1, h10km, mb3.6/7, Error ellipse: s-maj=24.5km s-min=12.9km az=8.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, TXAR Lajitas Array, PDAR Pedales Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arr, BVAR Borovoye Array, etc.

IDC 24 05:54:53.3, 1.1, 53.24S, 26.38E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.7/33, mbtmp3.8/4, MS3.3/6, Ms1 3.3/6,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAW Mawson, BOSA Boshof, LBTB Lobatse, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H10S2 ASCENSION HYDR55.13 308 T, H10S3 ASCENSION HYDR55.15 308 T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TORO Toroi Arr, WSAR Wadi Sarin, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, GNI Garni, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVAR Niina Array, IDC 24 06:04:09.1, 2.5, 54.00N, 86.52E, h0km, mb1 3.1/2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, IDC 24 06:05:39.0, 0.7, 14.35S, 167.61E, 0.2, h10km, mb4.7/2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TAR Tarawa, STKA Stephens Creek, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, VNSA Vanda, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MJAR, CTA, CTAO, CTCH, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TLY, CNB, WMQ, MOY, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DCZ, TIXI, LBZ, THZ, etc.

Summary information including station name, coordinates, and contact details for the 24d 6h section.

24d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BFZ Birch Farm, MRZ Mangatainoka R, TIWZ Tintock, etc.

IDC 24 08:46:06.0±2.8, 26.22N; 143.67E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.4/7.1, mbtmp3.6/5, ML3.7/1, MS3.4/1, Ms1 3.4/1, ms1mx2.4/4.3, Error ellipse: s-maj=89.7km s-min=24.7km az=69.0

ISC 24 08:46:07.5±1.8, 26.32N; 02.143.6E; 0.3, h10km, n7, o1932/6, mb3.6/4, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CJJ Chichijima, MJAR Matsushiro Arr, SONM Songoing Array, etc.

IDC 24 08:57:45.4±1.3, 26.80N; 143.79E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.4/7.1, mbtmp3.4/4, Error ellipse: s-maj=31.0km s-min=28.6km az=58.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CJJ Chichijima, SONM Songoing Array, WRA Warramunga Arr, etc.

IDC 24 08:58:04.0±4.0, 26.79N; 144.13E, h0km, mb3.7/11, mb1 3.9/12, mb1mx3.8/38, mbtmp3.7/12, ML3.7/1, Error ellipse: s-maj=24.1km s-min=18.2km az=73.0

ISCJB 24 08:58:07.8±0.6, 26.87N; 0.08-144.11E; 0.06, h33km, mb3.7/11, Error ellipse: s-maj=12.0km s-min=7.2km az=78.7

JMA 24 08:58:11.1±0.2, 26.98N; 143.93E, h72km, M3.3

ISC 24 08:58:09.8±0.8, 26.39N; 0.1144.06E; 0.08, h35km, n16, o1504/19, mb3.7/11, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, JHHU Haha-jima-NKT, JRY Ryogami san, etc.

SOME 24 09:09:11.8, 39.78N; 75.97E, h5km, KRNET 24 09:09:17.4±0.1, 39.84N; 75.96E, mb3.1

NNC 24 09:09:26.1±2.5, 40.27N; 75.61E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=22.6km s-min=16.3km az=7.0

ISC 24 09:09:23.4±2.3, 40.00N; 0.1175.81E; 0.08, h10km, n27, o1919/41, 21C-9D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UCH Uchtor, BOOM Boomskeye usch, AML Almayashu, etc.

2015 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TKM2 Tokmak 2, KST Kasteik, KST 4.5nm,0.3s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MNAS Manas, BTk Batken, KUU Kury, etc.

IDC 24 09:15:56.1±1.3, 63.06N; 21.01E, h0km, mb1 2.9/3, mb1mx2.7/42, mbtmp2.8/3, ML2.2/3, Error ellipse: s-maj=18.3km s-min=13.5km az=36.0

ISCJB 24 09:15:57.0±0.6, 63.19N; 0.04-21.61E; 0.07, h0km, Error ellipse: s-maj=6.5km s-min=4.3km az=18.7

CSEM 24 09:15:58.8, 63.16N; 21.62E, h0km, ML 1.5, Mining explosion.

HEL 24 09:15:58.8±0.0, 63.16N; 21.62E, h0km, ML 1.5, Explosion

ISC 24 09:15:58.0±0.9, 63.20N; 0.04-21.59E; 0.03, h0km, n17, o092/25, Finland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VAF Yliastoro, UMAU Umeaa, HEMU Hemsoen, etc.

DDA 24 09:17:06.7, 38.71N; 33.62E, h9km, Md2.8

ISCJB 24 09:17:07.4±0.6, 38.68N; 0.03-33.63E; 0.04, h8km, 5km, Error ellipse: s-maj=5.9km s-min=4.4km az=16.3

CSEM 24 09:17:07.3±0.2, 38.99N; 33.64E, h2km, MD2.5, Error ellipse: s-maj=4.9km s-min=3.7km az=97.0

ISK 24 09:17:07.1, 38.69N; 33.68E, h5km, MD2.5

ISC 24 09:17:07.0±1.0, 38.67N; 0.03-33.64E; 0.03, h13km, 8km, n22, o056/38, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SERE Sereflikochisa, YAYX Yaylak, YAYX Yaylak, etc.

DJA 24 09:27:41.2±1.7, 1S; 12°13'1E; 12, h10km, M3.4/3, MLV3.4/3, Irian Jaya region

1238

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SWI Sorong, SWI Sorong, SWI Sorong, etc.

IDC 24 09:33:51.2±390.0, 51.82N; 113.43E, h0km, Error ellipse: s-maj=147.6km s-min=128.5km az=43.0, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I34MN SONGINO INFRAS, I45RU USSURIYSK INFR, I44RU PETROPAVLOVSK26.69, etc.

SOME 24 09:34:00.1, 39.82N; 75.88E, h5km, IDC 24 09:34:02.1±1.9, 39.72N; 75.88E, h0km, mb3.5/2, mb1 3.5/5, mb1mx3.4/8, mbtmp3.4/5, ML3.2/3, Error ellipse: s-maj=34.8km s-min=23.4km az=82.0

KRNET 24 09:34:06.4±0.1, 40.00N; 75.74E, mb3.8, NNC 24 09:34:10.7±1.9, 40.24N; 75.84E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=17.0km s-min=8.1km az=175.0

ISC 24 09:34:04.7±1.8, 40.01N; 0.06-75.69E; 0.03, h3km, 10km, n52, o192/74, 38C-13D, Kyrgyzstan-Xinjiang border

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KZA Kyzart, KZA Kyzart, ULHL Ulahol, ULHL Ulahol, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZHN, KUU, CHHK, KKKP, PDGK, etc.

IDC 24 09:49:13.0, 1.5, 35.5, 68S, 72.90W, h0km, mb4.0/6, mb1 4.0/8, mb1mx3.9/25, mbtmp3.9/8, ML3.7/2, MS3.3/3, Ms1 3.3/3, ms1mx3.0/25, Error ellipse: s-maj=49.7km s-min=18.9km az=81.0

ISCJB 24 09:49:15.0, 0.9, 35.87S, 0.05, 73.26W, 0.09, h28km, mb3.9/6, MS3.4/1, Error ellipse: s-maj=10.7km s-min=7.3km az=3.0

GUC 24 09:49:16.8, 0.5, 35.97S, 73.07W, h48km, 6km, ML4.4, IDC 24 09:49:16.6, 1.0, 35.84S, 0.05, 73.1W, 0.1, h28km, n15, r139/17, mb4.1/6, 3C-1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COCH, CHPI, NICH, CHCH, CLCH, etc.

IDC 24 09:54:26.1, 38.7, 0.5, 51.64N, 113.67E, h0km, Error ellipse: s-maj=146.3km s-min=117.9km az=51.0, East of Lake Baykal

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like 143MN, 145RU, 144RU.

MEX 24 10:11:06.6, 0.6, 13.96N, 92.28W, h40km, MD3.9, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCIG, CCGI, etc.

TIF 24 10:22:47.6, 41.91N, 42.69E, h12km, 3km, ISCJB 24 10:22:48.0, 0.6, 41.93N, 0.03, 42.66E, 0.04, h1km, 7km, Error ellipse: s-maj=6.1km s-min=4.2km az=139.6

CSEM 24 10:22:48.6, 0.2, 41.92N, 42.66E, h2km, ML1.8, Error ellipse: s-maj=3.9km s-min=2.7km az=133.0, DDA 24 10:22:49.7, 41.72N, 42.82E, h7km, MD2.7, IDC 24 10:22:48.4, 1.2, 41.92N, 0.03, 42.69E, 0.03, h10km, 14km, n16, r05/38/32, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKH, ONI, CHVG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DBAD, DDEM, DGRG, etc.

DDA 24 10:24:14.8, 37.28N, 31.91E, h7km, MD2.8, CSEM 24 10:24:15.0, 0.3, 37.28N, 31.87E, h2km, MD2.8, Error ellipse: s-maj=7.8km s-min=6.2km az=67.0, IDC 24 10:24:14.8, 1.2, 37.25N, 0.03, 31.91E, 0.03, h7km, 12km, n13, r05/68/22, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SUTC, KONT, ERMK, etc.

YARS 24 10:31:48.7, 0.3, 57.50N, 0.02, 120.71E, 0.03, h10km, Southeastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHN, YKLR, IENR, etc.

MEX 24 10:48:31.6, 0.4, 16.79N, 96.16W, h8km, 6km, MD3.7, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VHO, HUIG, etc.

SOME 24 10:56:50.7, 45.10N, 78.23E, h5km, NNC 24 10:56:55.2, 2.4, 45.06N, 78.59E, h0km, mb2.8, mpv2.5, Error ellipse: s-maj=19.7km s-min=16.5km az=163.0, IDC 24 10:56:50.3, 1.3, 45.11N, 0.04, 78.24E, 0.02, h5km, 11km, n26, r08/84/45, 8C-8D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TDK, KAPS, ARXS, etc.

MNBS Baschi 1.04 173 eP Pn 10 57 12.1 +0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DJR, CHHK, KURS, etc.

KURS Kuram 1.62 182f eP Pn 10 57 21.2 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KPKS, ARXS, etc.

KURS Kuram 1.62 182f eP Pn 10 57 21.2 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOTS, SATY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KST, TKM2, TKM2, etc.

IDC 24 11:06:43.9, 6.5, 5.17S, 149.15E, h467km, 74km, mb3.5/4, mb1 3.6/5, mb1mx3.0/37, mbtmp3.8/6, Error ellipse: s-maj=64.3km s-min=36.7km az=101.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WTA, ASAR, FITZ, etc.

IDC 24 11:12:41.0, 20.0, 6.38S, 154.35E, h572km, 273km, mb2.9/6, mb1 3.1/6, mb1mx2.8/39, mbtmp3.8/6, Error ellipse: s-maj=112.2km s-min=70.4km az=16.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, FITZ, etc.

NIED 24 11:22:00.27, 90N, 143.60E, h5km, Mw3.7, Best double couple, lambda=0.08000, 0.1014, NP1: 90.34000, 826.00000, lambda=79.00000, NP2: 90.152.00000, 865.00000, lambda=95.00000

ISCJB 24 11:22:17.6, 0.9, 27.83N, 0.05, 143.62E, 0.10, h10km, mb3.9/8, Error ellipse: s-maj=13.4km s-min=4.9km az=26.9

IDC 24 11:22:18.0, 1.6, 27.55N, 143.68E, h0km, mb4.0/7, mb1 4.1/9, mb1mx3.8/50, mbtmp4.0/9, ML3.4/2, Error ellipse: s-maj=42.6km s-min=18.3km az=80.0

NEIC 24 11:22:19.4, 0.9, 27.81N, 0.05, 143.67E, h10km, mb4.4/1, Error ellipse: s-maj=23.0km s-min=8.9km az=82.0

JMA 24 11:22:19.0, 0.2, 27.88N, 143.57E, h20km, M3.9, IDC 24 11:22:19.7, 1.3, 27.63N, 0.09, 143.6E, 0.1, h10km, n23, r12/25, mb4.0/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJU, JCU, JHHJ, etc.

SONM Songoing Array 35.22 315 P 10 57 26.0 0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRAB, WRA, ZALV, etc.

ASAR Alice Springs 51.85 191 P 11 24 42.5 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK, KURB, etc.

NEIC 24 11:38:42.5, 1.9, 14.88S, 167.26E, h128km, 16km, mb4.3/1, Error ellipse: s-maj=21.9km s-min=12.7km az=59.0, IDC 24 11:38:42.5, 3.0, 14.86S, 167.20E, h128km, 24km, mb4.0/8, mb1 4.1/10, mb1mx3.8/37, mbtmp4.5/10, MS3.1/1, mb1 3.1/11, ms1mx2.8/25, Error ellipse: s-maj=27.9km s-min=14.9km az=60.0, ISCJB 24 11:38:43.0, 0.9, 14.95S, 0.07, 167.1E, 0.1, h150km, mb4.0/8, Error ellipse: s-maj=17.7km s-min=7.6km az=152.6

ISC 24 11:38:44.5, 1.2, 14.8S, 0.1, 167.2E, 0.1, h150km, n14, r08/6/14, mb4.1/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, HNR, etc.

Table with columns: WRA, ASAR, VANDA, ILAR, SNAAS, VNA3, VNA2. Includes station names, coordinates, and time/res data.

Table with columns: MANT, MANT, MANT, KHAL, KHAL, KHAL. Includes station names, coordinates, and time/res data.

Table with columns: PETK, H11N2, H11N1, H11N3, H11S1, H11S3, H11S2. Includes station names, coordinates, and time/res data.

ISCJB 24 11:43:14.3-0.6, 32.08N-0.03-1.15; 10W:0.06, h12km, Error ellipse: s-maj=6.0km s-min=4.0km az=171.5

DDA 24 12:14:42.3, 42.08N-24.98E, h3km, Md3.1 CSEM 24 12:14:45.6, 0.2, 42.06N-25.38E, h2km, ML2.9, Error ellipse: s-maj=6.5km s-min=4.7km az=41.0

SOMN Songoing Array 28.90 305 P P 12 33 04.7 -0.3 MKAR Makanchi Array 45.22 303 P P 12 35 23.2 0.0 WRA Warramunga Arr 56.35 189 P P 12 36 48.7 +1.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Cerro Prieto, El Chino, East Mesa, Yuma Desert, Moral Signal, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Dimitrovgrad, Pld, Panagourishte, Yambol, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JINTH, JNTJ, JOW, JAGN, etc.

ISC 24 11:45:20.9-2.6, 6.74S: 129.60E, h123km, 30km, mb3.6/4, mb1.4/0.8, mb1mx3.6/3.1, mbtmp3.4/3, MS3.1/4, Ms1 3.1/4, ms1mx2.7/2.6, Error ellipse: s-maj=44.7km s-min=16.2km az=76.0

ISC 24 12:14:46.7-1.1, 42.07N-0.03-25.20E:0.02, h12km, 9km, n2, 18190, 22C-6D, Bulgaria

ISC 24 12:33:58.8-1.5, 25.87N:128.60E, h0km, mb3.3/2, mb1.3/0.3, mb1mx3.4/3, mbtmp3.4/3, ML3.2/1, MS3.4/1, Ms1 3.3/1, ms1mx2.4/3, Error ellipse: s-maj=63.6km s-min=24.4km az=75.0

ISCJB 24 11:45:22.0-0.4, 6.80S:0.04-129.83E:0.06, h150km, mb3.6/4, Error ellipse: s-maj=8.8km s-min=5.6km az=178.8

ISC 24 11:45:22.6-0.8, 6.75S:0.04-129.88E:0.09, h150km, n27, 2507/23, mb3.7/4, Banda Sea

JMA 24 12:34:01.0-0.9, 25.93N:0.05-128.59E:0.04, h27km, n25, 137/36, mb3.5/3, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SAUI, ANDI, BAI, MSAI, KRAI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SAUI, ANDI, BAI, MSAI, KRAI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JCU, JCU, JCU, JCU, JCU, etc.

ISC 24 11:51:15.1, 36.95N-27.86E, h22km, MD2.5

ISCJB 24 12:27:05.7-2.0, 36.16N:0.04-142.45E:0.07, h22km, 18km, mb3.5/3, Error ellipse: s-maj=9.1km s-min=7.2km az=13.0

ISC 24 12:45:30.6-1.1, 0.27S:177.16W, h0km, mb4.1/3, mb1.4/3, mb1mx3.9/3.5, mbtmp3.4/4, ML4.2/1, Error ellipse: s-maj=208.2km s-min=33.5km az=80.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MLSB, MLSB, MLSB, YER, YER, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CHOU, CHOU, CHOU, JHO, JHO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ULHL, ULHL, ULHL, KZA, KZA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like POLO Lamas de Olo, ELOB Lobios, ECAL Calabor, etc.

CSEM 24 14:38:03.5, 40°27'N-21°82'E, h25km, MD2.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KZN Kozani, PENT Pentalosofos, etc.

IDC 24 14:44:20.2±0.5, 5.68S-151.24E, h0km, mb4.3/14

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RABL Rabaul, PMG Port Moresby, etc.

IDC 24 14:44:27.0±0.4, 5.79S-151.37E, h0.09h, h50km, n77

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RABL Rabaul, PMG Port Moresby, HNR Honiara, etc.

IDC 24 14:49:01.8±3.3, 30°30'S-177.46W, h0km, mb4.3/1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO Raoul Island, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRKA Warakama, etc.

GTA Gaotai

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GTA Gaotai, UNL Ulanbataar, etc.

MAK Makani

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZAA Zalesovo Array, ZALV Zalesovo Beam, etc.

IDC 24 14:49:01.8±3.3, 30°30'S-177.46W, h0km, mb4.3/1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAO Raoul Island, URZ Urewera, STKA Stephens Creek, etc.

DJA 24 14:55:10.9±0.5, 9°S-4°11'E, h10km, M4.1/9, mb4.2/1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UGM Wanagama, UJM Pacitan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWSI Taliwang, YARS 24 15:01:49.9±0.6, etc.

GUC 24 15:17:52.7±0.8, 18°22'S-70°28'W, h38km, 4km, ML3.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB13 IPOC Station P, PSGC Pisagua, etc.

IDC 24 15:26:47.8±1.4, 0.56N-129°54'E, h0km, mb3.4/4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SIJI Sorong, PMG Port Moresby, etc.

DDA 24 15:32:02.6, 39°38'N-27°79'E, h7km, M2.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BALB Balikesir, BALY Balya, etc.

IDC 24 15:32:03.2±0.9, 39°37'N-27°79'E, h10km, M2.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BALB Balikesir, BALY Balya, AKHS Akhisar, etc.

GUC 24 15:35:04.6±0.5, 34°65'S-72°13'W, h15km, 2km, ML3.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHPI Pichilemu, NICH Los Niches, etc.

Table with columns: ZALV, Zalesovo Beam, 21.17, 17 P, P, 16 40 57.1 0.0, comp=N,0.6nm,0.3s,baz=209,slow=10,SNR=3.8

CMAR Chiang Mai Arr 26.56 120 P, P, 16 41 51.9 +1.8, comp=N,0.5nm,0.7s,baz=312,slow=11,SNR=4.9

ISCJB 24 17:53:13.9,0.6,36.94N,0.03:29.25E:0.03,h4km,7km, Error ellipse: s-maj=5.8km s-min=4.7km az=169.8

DDA 24 17:53:13.8,36.98N,29.22E,h7km,MD2.9 ISK 24 17:53:13.5,36.95N,29.25E,h9km,MD2.9

CSEM 24 17:53:14.1,0.2,36.94N,29.28E,h8km,MD2.9, Error ellipse: s-maj=4.4km s-min=4.0km az=18.0

ISC 24 17:53:14.1,1.1,36.93N,0.03:29.30E:0.02,h2km,10km, n32,0994/48,Turkey

Main table for Zalesovo Beam area with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h m s, ISC

IDC 24 17:21:01.2,0.8,13.26N,121.05E,h0km,mb4.0/12, mb1.4,1/12,mb1mx3.8/48,mbtmp4.0/12,MS3.5/4

MAN 24 17:21:03.7,0.4,13.00N,120.68E:0.06,h25km, mb4.2/15,MS3.5/3, Error ellipse: s-maj=8.4km s-min=6.2km az=7.4

NEIC 24 17:21:06.3,0.4,13.23N,121.03E,h35km,mb4.6/3, Error ellipse: s-maj=21.5km s-min=7.3km az=59.0

ISC 24 17:21:05.0,0.7,13.06N,120.87E:0.09,h25km,n31, n125/31,mb4.1/15,MS3.8/3,5C-1D,Mindoro

Main table for Puerto Galera area with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h m s, ISC

IDC 24 17:25:02.5,1.6,28.49N,51.64E,h0km,mb3.7/3, mb1.3/8,mb1mx3.3/41,mbtmp3.6/3, Error ellipse: s-maj=73.2km s-min=44.2km az=179.0

TEH 24 17:25:03.3,28.52N,51.34E,h11km,ML3.1 ISCJB 24 17:25:02.0,0.9,28.70N,51.38E:0.07,h24km, mb3.6/3, Error ellipse: s-maj=12.9km s-min=6.8km az=31.6

CSEM 24 17:25:05.1,0.5,28.76N,51.55E,h2km,ML3.1, Error ellipse: s-maj=13.9km s-min=6.2km az=21.0

ISC 24 17:25:06.2,1.0,28.58N,51.41E:0.06,h24km,n24, n127/25,mb3.6/3,5C-8D,Southern Iran

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, h m s, ISC

IKAZ Kazeroun 1.16 19j ePg Pn 17 25 24.6 -2.6

GHIR Ghir-Karzin 1.44 105 ePg Pn 17 25 29.9 -1.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

ISRV Sarvestan 1.65 64j ePn Pn 17 25 33.9 0.0

EZN Ezine 1.32 347 ePn Pn 17 54 32.0 0.0

EZN Ezine 1.32 347 ePn Pn 17 54 32.0 0.0

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

BALY Balya 1.40 30 iP Pn 17 54 31.4 -1.1

24d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ASAR Alice Springs, ASAR Scott Base, MJAR Matsushiro Arr, QSPA South Pole Qui, USRK Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ILAR Eielson Array, TXAR Lajlitas Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like CSEM 24 19:25:00.3, 40'04N-21'37E, h5km, MD2.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like BUC 24 19:26:36.0, 6.44'89N-26'94E, h2km, MD2.4/3, 8C, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ISJCJB 24 19:31:55.0, 0.6, 39'04N-0'02:31'07E, h4km, 5km, etc.

2011 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KDHN Kadinhani, BAGO Egridir - ISPA, TVBS Tavsanli, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like IDC 24 19:37:55.6, 2.3, 6'55S-129'99E, h156km, 28km, mb3.4/1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like IDC 24 19:41:25.9, 5.7, 5'84S-150'87E, h92km, 45km, mb3.3/3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KRSC 24 19:45:57.9, 0.9, 50'01N-154'06E, h330km, 12km, ML4.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like SKR Severo-Kuril's, UGLR Uglovaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like KBTR Krutoberego, Bering, MA2 Magadan, etc.

1250

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like mb3.6/8, MS3.1/2, Error ellipse: s-maj=7.1km s-min=4.6km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like IDC 24 19:59:15.6, 1.0, 13'18N-120'85E, h0km, mb3.7/5, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ISJCJB 24 20:00:12.5, 0.7, 30'02S-0'07:17W, h5km, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ASAR Alice Springs, ASAR Tennant Creek, WRA Warramunga Arr, etc.

ISCJB 24 20:03:22.5i-1.9, 17.2S:0.8:178.8W:0.4, h533km, mb3.5/6, Error ellipse: s-maj=115.0km s-min=19.1km az=154.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 24 20:05:01.7:0.4, 24.46N:0.02:121.99E:0.02, h13km, 2km, Error ellipse: s-maj=3.3km s-min=2.6km az=155.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ENA Nanau, TWC Suao, EHP Heping Village, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TAP Taipei, ESI Shilin, TWS1 Kuangyinshan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AKCD Akcadag, AYKD Aykinkavak, KUZU Kuzuni, etc.

CSEM 24 20:09:10.1, 41.42N:44.14E, h0km, ML1.6 TIF 24 20:09:10.1, 41.42N:44.14E, h9km, Western Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KZR Kazreti, AKH Akhalkalaki, TBG Delisi, etc.

NEIC 24 20:13:52.0, 43:55S:172:64E, h7km, ML4.0(WEL), After WEL 24 20:13:51.6:0.1, 43:55S:172:66E, h10km, ML4.0/25,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CRZL Canterbury Las, MOZ McQueen's Vall, OXF Oxford, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for DSZ Lake Benmore, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 24 20:19:57.1:2.0, 8.98S:128:06E, h0km, mb3.0/1, mb1 3.2/3, mb1mx3.1/29, mbtmpp3.0/3, ML3.0/2, Error ellipse: s-maj=245.5km s-min=31.7km az=63.0, Timor Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, MKAR Malin Array Be, etc.

ISCJB 24 20:27:35.9:0.3, 6.84N:0.03:73.06W:0.03, h165km, 4km, mb3.5/5, Error ellipse: s-maj=6.9km s-min=3.4km az=42.4

FUNV 24 20:27:37.7:0.7, 6.81N:73:15W, h169km, MW3.2, Error ellipse: s-maj=24.2km s-min=8.1km az=132.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BARC Barichara, GRMC Gramalote, San, RUSC La Rusia, etc.

ISCJB 24 20:27:39.9:1.0, 6.78N:73:17W, h109km, 6km, ML3.8, Error ellipse: s-maj=27.36km s-min=7.63km az=73.07W:0.04, h160km, 5km, n40, i129/64, mb3.3/5, 11C, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BARC Barichara, GRMC Gramalote, RUSC La Rusia, etc.

24d 21h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SDV, TOLC, ELOV, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PANG, HUATULCO, VISTA HERMOSA, etc.

ISCJB 24 21:00:05.0.4.8.08S:0.05x107.86E:0.03,h13km,3km, mb4.1/19, Error ellipse: s-maj=7.8km s-min=4.3km az=19.5

DJA 24 21:00:05.0.5.8.8S:4.107.8E:1,h22km,5km, M4.6/22, mb4.7/2,mb4.5/6,MLV4.6/22,Mw(mB)3.9/2

NEIC 24 21:00:06.1.0.7.7.99S:107.75E:h69km,6km,mb4.7/9, Error ellipse: s-maj=11.4km s-min=8.0km az=221.0

NEIC Felt [III] at Pangantaran: 108.06E, h126km,5km, mb3.7/12

IDC 24 21:00:13.4.0.8.7.7.99S:107.75E:h69km,6km,mb4.7/9, Mb1.3/1.7,ms1mx3.6/3.5,mbtmp4.0/1.3,MS2.8/1

MS1 3.0/1,ms1mx2.5/4.3, Error ellipse: s-maj=28.4km s-min=11.1km az=50.0

ISC 24 21:00:06.4.0.9.8.06S:0.06x107.86E:0.04,h66km,7km, n69,c136/75,mb4.3/19,Jawa

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CISI, CIMERAK, CIBINONG, etc.

2011 JAN

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H08N1, H08N2, H08N3, etc.

IDC 24 21:26:50.5.0.5.27.33N:143.35E,h0km,mb4.0/21, mb1.4/2.4,mb1mx4.1/4.2,mbtmp4.0/2.4,ML3.4/3,MS3.3/4

MS1 3.4/4,ms1mx2.8/5.4, Error ellipse: s-maj=16.1km s-min=12.9km az=90.0

ISCJB 24 21:26:51.2.0.4.2.65N:0.03x143.26E:0.05,h10km, mb4.2/2.7,MS3.4/2, Error ellipse: s-maj=7.0km s-min=4.1km az=29.5

NEIC 24 21:26:52.0.0.3.27.33N:143.31E,h10km,mb4.6/5, Error ellipse: s-maj=7.8km s-min=6.9km az=78.0

JMA 24 21:26:55.8.0.1.27.45N:143.03E,h80km, M3.9

ISC 24 21:26:52.0.5.27.41N:0.06x143.28E:0.06,h10km,n48, c0593/57,mb4.1/27,Bonin Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CBJ, HJH, BS04, etc.

1252

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TXAR, TORD, PLCA.

RSNC 24 21:31:11.5.0.4.3.08N:75.61W,h32km,11km,ML1.9, Colombia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SJAC, SJAC.

CSEM 24 21:33:57.7.0.3.43.09N:18.79E,h2km,ML1.7, Error ellipse: s-maj=4.0km s-min=4.8km az=152.0

BEO 24 21:33:58.7.0.4.43.10N:18.78E,h12km,4km, M1.7/6, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TREB, PDG, STON, etc.

IDC 24 21:37:52.3.13.0.34/21N:67.85E,h0km,mb3.7/1, mb1.3/4.3,mb1mx3.1/6.2,mbtmp3.4/3,ML3.3/2, Error ellipse: s-maj=22.4km s-min=41.9km az=168.0

NINC 24 21:38:39.1.8.4.37.10N:70.63E,h0km,mb3.9,mpv3.5, Error ellipse: s-maj=71.2km s-min=62.9km az=94.0

ISC 24 21:37:52.6.7.5.34/2N:0.38E:0.02,h10km,n7,c290/5, 4C-20, Southeastern Afghanistan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GEYT, MNAS, KK31, etc.

MOS 24 21:39:20.8.0.8.50.78N:143.82E,h13km,mb4.6/41, Error ellipse: s-maj=6.0km s-min=4.5km az=96.8

MOS Felt (III) at Aleksandrovsk-Sakhalinskiy, (II-III) at Tymovskoye

ISCJB 24 21:39:20.3.0.7.50.76N:143.83E:0.04,h9km,4km, mb4.5/83,MS3.6/14, Error ellipse: s-maj=4.3km s-min=3.2km az=175.7

IDC 24 21:39:20.5.0.4.50.80N:143.78E,h0km,mb4.3/36, Mb1.4/4.3,mb1mx4.4/6.6,mbtmp4.3/4.3,ML4.2/5,MS3.4/17, MS1 3.4/17,ms1mx3.2/5.2, Error ellipse: s-maj=12.3km s-min=9.8km az=138.0

SKHL 24 21:39:21.5.0.8.50.73N:143.70E,h11km,2km,mb4.9/15, MS4.4/4

SKHL Felt (III) at Aleksandrovsk-Sakhalinskiy, (II-III)

BUI 24 21:39:23.2.5.90.98N:143.83E,h33km,mb4.6/32,mb4.8/24, MS4.5/32,MS7.4/22

NEIC 24 21:39:25.4.1.3.50.79N:143.75E,h32km,10km,mb4.6/19, Error ellipse: s-maj=5.4km s-min=3.9km az=134.0

NEIC Felt [III] at Aleksandrovsk-Sakhalinskiy and Tymovskoye

ISC 24 21:39:22.8.1.2.50.74N:143.81E:0.04,h16km,7km, n199,c1904/228,mb4.6/83,MS3.6/14,18C-15D,Sakhalin Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TYV, UGL, etc.

Table with columns: KBA, KBA, BZS, BZS. Includes station names like Koelnbreinspre, Buzias and various numerical data.

CSEM 24 22:16:38.7±0.2, 37.90N±29.20E, h5km, MD2.8, Error ellipse: s-maj=3.8km s-min=2.8km az=107.0

Main table for station 1255. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Denizli, Karahalli, Manisa, etc.

BYKL 24 22:26:32.8±0.4, 55.67N±113.46E, h10km, mb4.2/1, Error ellipse: s-maj=35.5km s-min=23.4km az=91.7

Main table for station 1255 (continued). Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Uakit, Severomuyksk, Uoyan, etc.

Table with columns: SYVR, SYVR, SYVR, SYVR. Includes station names like Suvo, Chara, Chita, Ongureny.

Table with columns: CRS, CRS, CIT, CIT. Includes station names like Chara, Chita.

Table with columns: OGRR, OGRR, OGRR. Includes station names like Ongureny, Khani, Tupik.

Table with columns: KHNH, KHNH, TUP, TUP. Includes station names like Khani, Tupik.

Table with columns: YUKL, YUKL, ZRHB, ZRHB. Includes station names like Yuktail, Zarechye.

Table with columns: TRG, TRG, TRG, TRG. Includes station names like Tyrgan.

Table with columns: HRMR, HRMR, HRMR. Includes station names like Khuramsha.

Table with columns: KPC, KPC, KPC, KPC. Includes station names like Khapcheranga.

Table with columns: LSTR, LSTR, LSTR. Includes station names like Listvyanka.

Table with columns: IENR, IENR, IENR. Includes station names like Iengra.

Table with columns: ARS, ARS, ARS. Includes station names like Arshan.

Table with columns: ZAK, ZAK, ZAK. Includes station names like Zakamensk.

Table with columns: MOY, MOY, MOY. Includes station names like Mondy.

Table with columns: ORL, ORL, ORL. Includes station names like Orlik.

ISCJB 24 22:39:29.0±0.6, 50.26N±104.19E, h19E±0.03, h0km, Error ellipse: s-maj=6.5km s-min=2.4km az=14.4

Table with columns: OJC, OJC, OJC, OJC. Includes station names like Ojcow.

Table with columns: OKC, OKC, OKC, OKC. Includes station names like Ostrava-Krasne.

Table with columns: NIE, NIE, NIE, NIE. Includes station names like Niedzica.

Table with columns: LANS, LANS, LANS, LANS. Includes station names like Liptovska Anna.

DDA 24 22:45:20.8, 38.72N±40.06E, h15km, Md2.7, ISCJB 24 22:45:21.3±0.6, 38.70N±40.05±0.04, h9km, gkm, Error ellipse: s-maj=7.9km s-min=5.3km az=167.7

Table with columns: BINT, BINT, BINT, BINT. Includes station names like Bingol.

Table with columns: PTK, PTK, PTK, PTK. Includes station names like Pertek.

Table with columns: BNGB, BNGB, BNGB, BNGB. Includes station names like Bing'li.

Table with columns: TVNC, TVNC, TVNC, TVNC. Includes station names like Tunceli-Merkez.

Table with columns: SVRC, SVRC, SVRC, SVRC. Includes station names like Sivrice-ELAZID.

Table with columns: BNGC, BNGC, BNGC, BNGC. Includes station names like BINGOL.

Table with columns: BTMN, BTMN, BTMN, BTMN. Includes station names like Batman.

Table with columns: MAZI, MAZI, MAZI. Includes station names like Mazidag.

IDC 24 22:54:50.9±4.0, 30.45S±177.94W, h149km, 28km, mb3.3/3, mb1.3/6.3, mb1mx3.4/27, mbtmsp3.7/3, Error ellipse: s-maj=91.7km s-min=24.7km az=156.0

Table with columns: RAO, RAO, RAO. Includes station names like Raoul Island.

Table with columns: WMGZ, WMGZ, WMGZ. Includes station names like Watomatatini S.

Table with columns: HAZ, HAZ, HAZ, HAZ. Includes station names like Te Kaha.

Table with columns: PUZ, PUZ, PUZ, PUZ. Includes station names like Puketiti.

Table with columns: TWGZ, TWGZ, TWGZ, TWGZ. Includes station names like Tauwhareparae.

Table with columns: URZ, URZ, URZ, URZ. Includes station names like Urewera.

Table with columns: KNZ, KNZ, KNZ, KNZ. Includes station names like Kokohu.

Table with columns: BFZ, BFZ, BFZ, BFZ. Includes station names like Birch Farm.

Table with columns: WRA, WRA, WRA, WRA. Includes station names like Warramunga Arr.

Table with columns: FINES, FINES, FINES, FINES. Includes station names like FINESS Array B.

NOA FINES Array B 145.21 340 PKPbc PKPbc 23 14 09.1 -0.9

Table with columns: KRSC 24 22:58:26.8±1.5, 54.50N±165.06E, h40km±17km, ML3.8, Kamandorsky Islands region

Table with columns: BKI, BKI, BKI, BKI. Includes station names like Bering.

Table with columns: KBTR, KBTR, KBTR, KBTR. Includes station names like Kutoberegovo.

Table with columns: ZLN, ZLN, ZLN, ZLN. Includes station names like Zelenaya.

Table with columns: SMKR, SMKR, SMKR, SMKR. Includes station names like Semkarok.

Table with columns: BDR, BDR, BDR, BDR. Includes station names like Baidarnaya.

Table with columns: KMNr, KMNr, KMNr, KMNr. Includes station names like Kamennistaya.

Table with columns: SRKR, SRKR, SRKR, SRKR. Includes station names like Sorokina.

Table with columns: KPT, KPT, KPT, KPT. Includes station names like Kopyto.

Table with columns: SPT, SPT, SPT, SPT. Includes station names like Mys Shipunski.

Table with columns: KOZ, KOZ, KOZ, KOZ. Includes station names like Kozirevsk.

Table with columns: SRDR, SRDR, SRDR, SRDR. Includes station names like Srednyy.

Table with columns: NLC, NLC, NLC, NLC. Includes station names like Nalytchevo.

Table with columns: SMAR, SMAR, SMAR, SMAR. Includes station names like Somma.

Table with columns: UGLR, UGLR, UGLR, UGLR. Includes station names like Uglovaya.

Table with columns: AVH, AVH, AVH, AVH. Includes station names like Avacha.

Table with columns: ARK, ARK, ARK, ARK. Includes station names like Arik.

Table with columns: GNL, GNL, GNL, GNL. Includes station names like Ganaly.

Table with columns: RUS, RUS, RUS, RUS. Includes station names like Russkaya.

Table with columns: APC, APC, APC, APC. Includes station names like Apacha.

IDC 24 23:05:05.5±1.4, 27.60N±143.38E, h0km, mb3.4/4, mb1.3/6.5, mb1mx3.4/27, mbtmsp3.4/5, ML3.5/1, Error ellipse: s-maj=30.8km s-min=19.7km az=129.0, Bonin Islands region

Table with columns: JCJ, JCJ, JCJ, JCJ. Includes station names like Chichijima.

Table with columns: MJAR, MJAR, MJAR, MJAR. Includes station names like Matushiro Arr.

Table with columns: SONM, SONM, SONM, SONM. Includes station names like Songino Array.

Table with columns: WRA, WRA, WRA, WRA. Includes station names like Warramunga Arr.

Table with columns: MKAR, MKAR, MKAR, MKAR. Includes station names like Makanchi Array.

Table with columns: ILAR, ILAR, ILAR, ILAR. Includes station names like Ilioupeki.

TAP 24 23:52:45.6, 24.68N±120.26E, h29km, ML3.5, 2C-1D, C, Taiwan

Table with columns: NSY, NSY, NSY, NSY. Includes station names like Sanyi.

Table with columns: TWQ1, TWQ1, TWQ1, TWQ1. Includes station names like Luyitan.

Table with columns: TWQ1, TWQ1, TWQ1, TWQ1. Includes station names like Luyitan.

Table with columns: TCU, TCU, TCU, TCU. Includes station names like Taichung.

Table with columns: TCU, TCU, TCU, TCU. Includes station names like Taichung.

Table with columns: HSN, HSN, HSN, HSN. Includes station names like Hsinchu.

Table with columns: HSN, HSN, HSN, HSN. Includes station names like Hsinchu.

Table with columns: NSTT, NSTT, NSTT, NSTT. Includes station names like Nanijiang.

Table with columns: NSTT, NSTT, NSTT, NSTT. Includes station names like Nanijiang.

Table with columns: WTCT, WTCT, WTCT, WTCT. Includes station names like Ta-ch'eng.

Table with columns: WTCT, WTCT, WTCT, WTCT. Includes station names like Ta-ch'eng.

Table with columns: WNT, WNT, WNT, WNT. Includes station names like Mingjian.

Table with columns: WNT, WNT, WNT, WNT. Includes station names like Mingjian.

ISK 24 22:45:19.5, 38.70N±40.08E, h2km, MD2.6

24d 23h

Table with columns: Code, Station Name, Azimuth, Phase, ID, h, m, s, Res, ISC. Includes stations like NCU National Centr, TWT Tachien, TYC Yuchr, etc.

NSSP 24 23:56:06.5, 38°53'N:44°98'E, h5km, ML3.8
AZER 24 23:56:08.2, 0.1, 38°59'N:44°88'E, h5km, Error ellipse:
s-maj=2.7km s-min=2.1km az=326.0
IDC 24 23:56:08.7, 1.2, 38°69'N:44°53'E, h0km, mb3.7/9,
mb1.3, 7/13, mb1mx2.3/5.74, mbtmp3.6/13, ML2.7/4, MS2.8/2,
Ms1.2, 7/2, ms1mx2.3/5.0, Error ellipse: s-maj=16.8km
s-min=14.2km az=159.0
TEH 24 23:56:09.8, 38°66'N:44°73'E, h10km, ML3.6
ISK 24 23:56:09.8, 38°67'N:44°67'E, h5km, ML3.5
DDA 24 23:56:11.4, 0.8, 38°68'N:44°46'E, h5km, Md3.6
THR 24 23:56:11.7, 0.4, 38°64'N:44°83'E, h18km, 6km, ML3.5
CSEM 24 23:56:12.7, 0.2, 38°62'N:44°78'E, h20km, ML3.8, Error
ellipse: s-maj=5.1km s-min=4.5km az=10.0
ISC 24 23:56:10.1, 0.8, 38°71'N:0.0, 24.4, 83E, 0.01, h5km, 5km,
n149, s196, 197, mb3.7/8, 23C-30D, Turkey-Iran border
region

2011 JAN

Table with columns: IISHB, Shabestar, 0.75 124J, ePg, eAMB, Pg, AMB, etc. Includes stations like IISHB Shabestar, VMUR Van-Muradiye, etc.

1256

Table with columns: BTMN, Batman, 2.92 255, P, S, S, etc. Includes stations like BTMN Batman, ERZM Erzurum, etc.

NSSP 25 00:02:28.9, 38°52'N, 44°95'E, h5km, M3.3, Error ellipse: s-maj=10.0km s-min=4.6km az=11.0

CSEM 25 00:02:30.5, 0.3, 38°56'N, 44°70'E, h2km, MD3.3, Error ellipse: s-maj=10.0km s-min=4.6km az=11.0

DDA 25 00:02:33.8, 38°68'N, 44°40'E, h2km, MD3.3, Error ellipse: s-maj=10.0km s-min=4.6km az=11.0

ISC 25 00:02:34.1, 38°62'N, 44°36'E, h2km, MD3.3, Error ellipse: s-maj=10.0km s-min=4.6km az=11.0

ISC 25 00:02:30.5, 1.1, 38°60'N, 0.03, 44°70'E, 0.02, h1km, n15, n39, r1913/59, 4C-6D, Turkey-Iran border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include ISHB Shabestar, IMRD Marand, VMUR Van-Muradiye, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include DYDN Diyadin, GEVA Gevas, GUKT Gukurca, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include IBST Bostanabad, DIGO Kars, SIRT Sirkak, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include KARS Kars, VRTB Varto-Mus, BNGT Bingol, etc.

CSEM 25 00:10:47.6, 0.4, 32°57'N, 35°25'E, h12km, ML2.8, Error ellipse: s-maj=7.9km s-min=3.8km az=38.0

NSSC 25 00:10:47.6, 1.2, 32°51'N, 35°27'E, h13km, 6km, ML1.2, Error ellipse: s-maj=7.9km s-min=3.8km az=38.0

ISC 25 00:10:47.3, 2.3, 32°58'N, 0.09, 35°24'E, 0.07, h12km, n10, n15, n5933/27, Dead Sea region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include NAQL Naqoura, TCHB Talchebab, BRBR Barbar, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include DQRL Deir Qamar, TOTH Toth, HWQ Hawqa, etc.

MEX 25 00:19:23.2, 0.9, 18°45'N, 102°69'W, h5km, 14km, MD3.6, Error ellipse: s-maj=10.0km s-min=4.6km az=11.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include MMIG Aquila, EZSV Zeytinli, R15V Rivas, etc.

ISCJTB 25 00:28:59.4, 0.9, 27°25'N, 0°07'143°57'E, 0.07, h10km, mb3.8/6, Error ellipse: s-maj=11.5km s-min=7.0km az=138.8

ISC 25 00:29:00.1, 1.3, 27°03'N, 143°43'E, h0km, mb3.7/6, mb1 3.9/9, mb1mx3.6/38, mbtmp3.7/9, ML3.1/3, Error ellipse: s-maj=27.9km s-min=18.6km az=67.0

JMA 25 00:29:03.2, 0.2, 27°23'N, 143°41'E, h16km, Error ellipse: s-maj=27.9km s-min=18.6km az=67.0

ISC 25 00:29:01.7, 1.2, 27°20'N, 0.09, 143°46'E, 0.09, h10km, n14, r1503/16, mb3.6/6, Bonin Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include CBIJ Chichijima, CJJC Chichijima, JHHJ Haha-jima-NKT, etc.

GUC 25 00:35:52.0, 0.3, 33°55'S, 0°71°9'W, 0.1, h15km, 15km, n17, r1508/24, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include LNV Longovilo, RCDM Rinconada Maip, ROCI El Roble, etc.

ISCJTB 25 00:55:36.2, 0.3, 32°85'N, 0°02'115°53'W, 0.02, h25km, 3km, Error ellipse: s-maj=3.7km s-min=2.9km az=162.6

NEIC 25 00:55:36.2, 32°87'N, 115°51'W, h15km, ML3.0(PAS), ML3.1(EEC), After PAS.

NEIC Felt at El Centro and Imperial. ECX 25 00:55:36.7, 0.5, 32°88'N, 115°53'W, h10km, MD3.0, ML3.1

MEX 25 00:55:36.8, 0.5, 32°92'N, 115°36'W, h17km, 41km, MD3.9, Error ellipse: s-maj=35.4, 0.9, 32°86'N, 0.02, 115°52'W, 0.02, h18km, 5km, n51, r0917/4, 10C-6D, California-Baja California border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include DREC Desert Rsrch C, COK Cook Ranch, WESC Westside Schoo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include SGL Mount Signal, CLIC Calipatria, BTCC Bruns Corner, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include CBX Cerro Bola, CBX Cerro Bola, CBX Cerro Bola, etc.

ISCJTB 25 00:28:59.4, 0.9, 27°25'N, 0°07'143°57'E, 0.07, h10km, mb3.8/6, Error ellipse: s-maj=11.5km s-min=7.0km az=138.8

ISC 25 00:29:00.1, 1.3, 27°03'N, 143°43'E, h0km, mb3.7/6, mb1 3.9/9, mb1mx3.6/38, mbtmp3.7/9, ML3.1/3, Error ellipse: s-maj=27.9km s-min=18.6km az=67.0

JMA 25 00:29:03.2, 0.2, 27°23'N, 143°41'E, h16km, Error ellipse: s-maj=27.9km s-min=18.6km az=67.0

ISC 25 00:29:01.7, 1.2, 27°20'N, 0.09, 143°46'E, 0.09, h10km, n14, r1503/16, mb3.6/6, Bonin Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include CBIJ Chichijima, CJJC Chichijima, JHHJ Haha-jima-NKT, etc.

GUC 25 00:35:52.0, 0.3, 33°55'S, 0°71°9'W, 0.1, h15km, 15km, n17, r1508/24, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include LNV Longovilo, RCDM Rinconada Maip, ROCI El Roble, etc.

ISCJTB 25 00:55:36.2, 0.3, 32°85'N, 0°02'115°53'W, 0.02, h25km, 3km, Error ellipse: s-maj=3.7km s-min=2.9km az=162.6

NEIC 25 00:55:36.2, 32°87'N, 115°51'W, h15km, ML3.0(PAS), ML3.1(EEC), After PAS.

NEIC Felt at El Centro and Imperial. ECX 25 00:55:36.7, 0.5, 32°88'N, 115°53'W, h10km, MD3.0, ML3.1

MEX 25 00:55:36.8, 0.5, 32°92'N, 115°36'W, h17km, 41km, MD3.9, Error ellipse: s-maj=35.4, 0.9, 32°86'N, 0.02, 115°52'W, 0.02, h18km, 5km, n51, r0917/4, 10C-6D, California-Baja California border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include DREC Desert Rsrch C, COK Cook Ranch, WESC Westside Schoo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include SGL Mount Signal, CLIC Calipatria, BTCC Bruns Corner, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include CBX Cerro Bola, CBX Cerro Bola, CBX Cerro Bola, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include CBX Cerro Bola, CBX Cerro Bola, CBX Cerro Bola, etc.

25d 2h

ISCJB 25 01:15:17.9.0.6.33:12N.0:03:35.47E.0:04.h2km,6km, Error ellipse: s-maj=5.6km s-min=5.2km az=176.4

CSEM 25 01:15:18.1.0.2.33:12N.35:46E.h5km,ML3.1, Error ellipse: s-maj=3.1km s-min=2.5km az=73.0

GRAL 25 01:15:18.7.0.3.33:11N.35:47E.h0km,3km,MD3.1 NSSC 25 01:15:19.1.1.1.33:11N.35:56E.h0km,5km,ML1.8

ISC 25 01:15:18.3.1.0.33:13N.0:03:35.46E.0:03.h10km,10km, n22,0:0546/39,Jordan-Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Naqoura, Rachaya, Barbar, Waitaha Valley, etc.

DHMR 25 01:34:22.2.1.4, 12:10N,43:92E,h8km,18km,ML3.5, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Aden, Udayn, LBOS, etc.

DHMR 25 01:35:10.1.0.8, 12:11N,43:96E,h14km,10km,ML3.6, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Aden, Udayn, LBOS, etc.

ISCJB 25 01:36:48.0.0.5,0:99S,0:04:127.04E,0:05,h34km, mb3.7/3, Error ellipse: s-maj=7.0km s-min=5.2km az=21.8

DJA 25 01:36:48.4.0.6.1, S:2x12.7E, h31km,8km, M3.6/2, MLV3.6/2

IDC 25 01:36:54.2.2.6, 1:12S,126:91E,h84km,27km,mb3.2/4, mb1 3.5/6, mb1mx3.2/51, mbtmp3.7/6, Error ellipse: s-maj=22.9km s-min=20.1km az=171.0

ISC 25 01:36:49.0.0.9,1:00S,0:04:127.10E,0:05,h34km,n17, r1502/20,mb3.7/3,Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Labuha, Sanana, Ternate, etc.

2011 JAN

WEL 25 01:42:06.2.0.1,43:84S,172:46E,h5km,ML3.7/15,2C-3D, Error ellipse: s-maj=0.4km s-min=0.4km az=0.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Canterbury Las, McQueen's Vall, Oxford, etc.

ISCJB 25 01:46:41.1.1.3, 17:1S,0:5:179:3W,0:3,h533km,mb3.6/8, Error ellipse: s-maj=82.5km s-min=15.4km az=151.2

IDC 25 01:46:43.4.4.7, 17:22S,179:23W,h550km,54km,mb3.2/8, mb1 3.5/9, mb1mx3.1/39, mbtmp4.1/9, Error ellipse: s-maj=70.9km s-min=22.5km az=150.0

ISC 25 01:46:42.1.1.4, 17:1S,0:5:179:2W,0:3,h533km,n10, r1505/11,mb3.5/8,Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Mont Dzumac, Charters Tower, etc.

KRNET 25 01:54:52.2.0.1,40:25N,77:90E,mb3.2 SOME 25 01:54:52.6,40:18N,77:43E,h10km

NINC 25 01:54:56.5.2.1,40:34N,77:41E,h0km,mb3.6,mpv3.2, Error ellipse: s-maj=17.7km s-min=9.1km az=159.0

ISC 25 01:54:53.5.2.1,40:10N,0:1:17:44E,0:04,h10km,n41, r1948/69,22C-14D,Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Ulhal, KZA, BOOM, etc.

1258

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Naqoura, Rachaya, etc.

IDC 25 01:58:29.7.1.9,0:95S,124:80E,h0km,mb3.3/4, mb1 3.5/4, mb1mx3.4/23, mbtmp3.3/4, Error ellipse: s-maj=157.9km s-min=21.9km az=59.0, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Warramunga Arr, ASAR, etc.

IDC 25 02:02:42.7.3.2,5:74S,147:44E,h0km,mb3.8/2, mb1 3.9/4, mb1mx3.6/28, mbtmp3.8/4, ML3.8/1,1C, Error ellipse: s-maj=72.1km s-min=39.4km az=95.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Port Moresby, WMA, etc.

IDC 25 02:07:55.0.3.2, 17:86S,71:11W,h80km,30km,mb3.2/3, mb1 3.7/6, mb1mx3.4/23, mbtmp3.8/6, Error ellipse: s-maj=32.8km s-min=14.5km az=106.0

GUC 25 02:07:57.4.0.3, 18:17S,71:06W,h32km,2km,ML4.3 ISC 25 02:07:53.3.1.6, 17:83S,0:06:71.2W,0:1,h40km,n18, r1558/18,mb3.6/3,Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Pisagua, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ITBZ, KDR, MGRZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NKY, NKME, NKKE, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KHC, KXC, KPC, etc.

ISCJB 25 03:44:39.2, 0.3, 43.21N, 0.02, 18.68E, 0.02, h5km, 3km, Error ellipse: s-maj=3.1km s-min=2.5km az=32.8

SOKA 0.8nm, 0.2s 4.36 324 Pn Pn 03 45 47.6 +0.9

ISCJB 25 03:56:54.9, 0.3, 43.21N, 0.01, 18.68E, 0.02, h6km, 2km, Error ellipse: s-maj=2.6km s-min=2.5km az=26.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GZUR Gura Zlata, MPEP Malo Peshtene, SIRR Siria, etc.

ISCJB 25 04:18:56.5:0.3, 6.86N:0.03:73.10W:0.03, h157km, 3km, mb3.5/8, Error ellipse: s-maj=6.7km s-min=3.6km az=38.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BARC Barichara, GRMC Gramalote, RUSC La Rusia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CURV Curarigua, DABV Dabajuro, SIOU Siquisique, etc.

IDC 25 04:21:45.8:368.0, 51.147N:109.39E, h0km, Error ellipse: s-maj=149.8km s-min=78.7km az=24.0, Lake Baykal region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I34MN SONGINO INFRAS, I45RU USSURIYSK INFR, etc.

ISCJB 25 04:28:30.9:0.4, 17.50N:0.05:94.50W:0.04, h159km, 4km, mb3.7/6, Error ellipse: s-maj=9.7km s-min=5.9km az=28.4

NEIC 25 04:28:34.7, 17.45N:94.54W, h145km, mb4.2/3, MD4.4(MEX), After MEX.

MEX 25 04:28:34.7:0.7, 17.45N:94.54W, h145km, 9km, MD4.4, Error ellipse: s-maj=25.6km s-min=12.9km az=107.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, CMIG Tuzandepetli, etc.

TRN 25 04:30:19.8, 16.91N:60.92W, h21km, MD3.9, 2C-1D, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BPA Boggy Peak, MGG Marie-Galante, etc.

DDA 25 04:37:04.0, 38.31N:26.52E, h12km, Md2.6, Error ellipse: s-maj=5.2km s-min=4.3km az=166.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URLA Izmir, URLA Izmir, URLA Izmir, etc.

ISCJB 25 04:38:51.0:1.4, 43.9N:0.1:87.03E:0.09, h20km, Error ellipse: s-maj=16.0km s-min=9.3km az=21.0

ISC 25 04:38:51.6, 44.0N:0.1:87.08E:0.08, h20km, n7, c121/12, 4C-3D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MK31 Makanchi Array, MK31 Makanchi Array, etc.

IDC 25 04:43:33.2:387.0, 52.04N:109.07E, h0km, Error ellipse: s-maj=161.3km s-min=94.8km az=14.0, Lake Baykal region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I34MN SONGINO INFRAS, I45RU USSURIYSK INFR, etc.

IDC 25 04:44:23.4:2.2, 26.28N:141.85E, h0km, mb3.4/3, mb1.3/7.4, mb1mx3.4/50, mbtmp3.5/4, ML3.6/1, MS3.2/1, Ms1.3/2.1, ms1mx2.4/22, Error ellipse: s-maj=155.2km s-min=27.2km az=75.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, JNU Nakatsu, etc.

IDC 25 05:10:44.6:8.2, 4.82S:153.17E, h152km, 55km, mb3.7/5, mb1.3/9.6, mb1mx3.4/37, mbtmp4.2/6, Error ellipse: s-maj=92.9km s-min=30.5km az=104.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, etc.

Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like PPT2, H31A, PAE, KHC, Q24A, F33A, VTS, TIAR, E34A, GERES, K29A, D35A, J30A, I31A, C36A, EAB, E35A, H32A, WTSB, MMB, OGNE, M28A, BEHE, ARSA, D36A, GRFO, L29A, C37A, F34A, SDCO, K30A, KKB, J31A, MOA, H33A, PGBU, EYMN, EYMN, TUC, TUC, I32A, ESK, G34A, F35A, M29A, D37A, N28A, C38A, E36A, L30A, I33A, K31A, H34A, O28A, SOKA, M30A, VAY, E37A, F36A, F31A, G35A, ECSD, ECSD, C39A, SKO, KSCO, J32A, J33A, OBKA, OBKA, I34A, P28A, H35A, GAL1, GAL1, N30A.

Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like KBA, T25A, G36A, O29A, HGN, LAZ, BEBN, ANMO, ANMO, ANMO, MYKA, Q28A, M31A, LJU, L32A, VISS, BOJS, P29A, K33A, J34A, STU, STU, O30A, Y22D, H36A, I35A, LPM, SPMM, L33A, JAVS, N31A, BNM, BCLA, BGNE, BGNE, ABTA, R28A, J35A, OHR, MOTA, K34A, P30A, RETA, Q29A, LANF, I36A, GMM, O31A, SNF, 121A, WLF, WLF, H37A, N32A, M33A, R29A, DDU, I37A, BFO, BFO, BFO, L34A, S28A, FETA, J36A, K35A, Q30A, P31A, FOEL, FOEL, DAVA, O32A, M34A, SCHO, SCHO, N33A, L35A, HLM1, HLM1, CBKS, CBKS, CBKS, J37A, S29A, I38A, Q31A, P32A, P30A, K36A.

Table with columns: Station, Frequency, Power, Direction, and other details. Includes stations like FUORN, ECH, T29A, M35A, O33A, N34A, L36A, K37A, S30A, MOF, MCH1, TBI, R31A, WOL, WOL, SWN1, SWN1, J38A, Q32A, THEF, LPW, P33A, O34A, U29A, N35A, M36A, L37A, R32A, K38A, Q33A, S31A, O35A, U30A, P34A, N36A, M37A, L38A, SCIA, S32A, T31A, R33A, MNTX, MNTX, Q34A, KSU1, KSU1, P35A, M38A, T32A, U31A, O36A, R34A, S33A, P36A, JFWS, JFWS, Q35A, W30A, O37A, N38A, T33A, V31A, U32A, Q36A, S34A, R35A, N39A, P37A, X30A, RSL, W31A, O38A, VAL, V32A, U33A, JQE, R36A, T34A, S35A, Y30A, P38A, X31A, O39A, Q37A, W32A, GLMI, U34A, U34A.

Table with columns: Station Name, Az, El, SNR, and other parameters. Includes stations like V33A Lossen Ranch, R37A Teagarden Farm, S36A Lake George, etc.

Table with columns: Station Name, Az, El, SNR, and other parameters. Includes stations like 136A Ennis, Z37A Pogue Cattle C, 434A Bunt, etc.

Table with columns: Station Name, Az, El, SNR, and other parameters. Includes stations like UZP Denizli, DENT Denizli, DENT Denizli, etc.

YARS 25 05:39:13.0, 0.5, 55:17N:0:02:124.73E:0:04, h10km, Southern Siberia

Table with columns: Code, Station Name, Az, El, SNR, and other parameters. Includes stations like IENR lengra, KROS Kirovskiy, KROS Kirovskiy, etc.

IDC 25 05:38:56.0, 1.4, 26:79N:128:04E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.5/3, Faltmp3.7/5, Error ellipse:

s-maj=44.1km s-min=30.2km az=62.0, ISCJB 25 05:39:28.7, 0.6, 28:45N:0:10:127:6E:0.1, h202km, 12km, mb3.2/4, Error ellipse: s-maj=23.6km s-min=7.2km az=6.0

JMA 25 05:39:30.7, 0.2, 28:52N:127:51E, h176km, 4km, M4.3, ISC 25 05:39:30.3, 1.4, 28:5N:0:1:127:5E:0.1, h181km, 20km, n17, c053/25, mb3.4/4, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, El, SNR, and other parameters. Includes stations like JTK Tokunoshima, JOKE Okinoerabujima, JOKE Okinoerabujima, etc.

IDC 25 05:39:35.0, 0.5, 52:89S:22:17E, h0km, mb4.6/18, mb1 4.6/18, mb1mx4.5/34, mbtmp4.5/18, MS4.4/12, Ms1 4.4/12, ms1mx4.1/27, Error ellipse: s-maj=18.9km s-min=16.8km az=69.0

ISCJB 25 05:39:35.6, 0.3, 52:91S:0:06:22E:0.1, h10km, mb4.7/29, MS4.4/12, Error ellipse: s-maj=11.6km s-min=8.0km az=14.9

MOS 25 05:39:36.4, 1.6, 52:78S:22:34E, h10km, mb4.8/22, Error ellipse: s-maj=27.0km s-min=13.3km az=90.9

GCMT 25 05:39:37.5, 0.2, 53:04S:22:24E, h12km, MW5.1/85, Moment Tensor Solution, 641.0, 447.8, s85:c132: Duration: 0.7, Moment tensor: Scale 1016Nm, Mr=5.15, 12: Mw0.4: 11; Mw0.43: 11; Mw0.7: 40; Mw-1.0: 10; Mw-0.21: 39. Best double couple: Ms5.12200:1016 NP1:0.279, 0.00000, 0.49, 0.00000, -1.95, 0.00000. NP2: 0.108, 0.00000, 0.41, 0.00000, -1.84, 0.00000. Principal axes: T 5.0190, Plg4.0000, Azm13.0000; N 0.2040, Plg4.0000, Azm283.0000; P -5.2240, Plg84.0000, Azm147.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 25 05:39:37.5, 0.2, 52:19S:22:34E, h10km, mb5.0/19 Error ellipse: s-maj=10.7km s-min=9.4km az=108.0

ISC 25 05:39:37.1, 0.3, 52:92S:0:08:22E:0.09, h10km, n162, c15/16/148, mb4.8/23, MS4.4/12, South of Africa

Table with columns: Code, Station Name, Az, El, SNR, and other parameters. Includes stations like CRZF Crozet Islands, SUR Sutherland, SNA Sanae, SNA Sanae, etc.

DDA 25 05:30:12.5, 37:89N:29:17E, h7km, Md2.6, CSEM 25 05:30:13.0, 0.4, 37:91N:29:18E, h8km, Md2.6, Error ellipse: s-maj=8.5km s-min=4.8km az=114.0

ISK 25 05:30:13.4, 37:91N:29:06E, h11km, Md2.6, ISC 25 05:30:13.3, 1.2, 37:91N:0:03:29:16E:0:04, h8km, 10km, n15, c0563/27, Turkey

Table with columns: Code, Station Name, Az, El, SNR, and other parameters. Includes stations like UZP Denizli.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like LBTB, TSMU, LSZ, VVND, H1052, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like FCC, SRU, TMTU, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like BOOS, RTR, RTR, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations 1-340.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations 341-650.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations 651-750.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations 751-950.

ISCJB 25 06:50:01.4±0.5, 7.48S:0.06±128.6E±0.1, h151km, mb3.8/11, Error ellipse: s-maj=20.3km s-min=7.2km az=170.3

IDC 25 06:50:04.0±2.9, 7.36S:128.56E, h153km±27km, mb3.6/11, mb1.3/7.13, mb1mx3.6/46, mbtmpd, 1/13, Error ellipse: s-maj=28.8km s-min=13.3km az=81.0

ISC 25 06:50:03.6±0.7, 7.32S:0.08±128.7E±0.2, h151km, m19, α085/18, mb4.0/11, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations 951-1150.

IDC 25 07:04:03.6±1.2, 30°04'N:51°57'E, h0km, mb3.7/11, mb1.3/8.14, mb1mx3.6/76, mbtmpd, 3/7.14, ML3.7/2, Error ellipse: s-maj=25.7km s-min=20.5km az=176.0

ISCJB 25 07:04:02.0±2.0, 30°11'N:0°03.51'W±0.4, h8km, mb3.6/11, Error ellipse: s-maj=5.8km s-min=3.6km az=157.8

CSEM 25 07:04:05.0±0.2, 30°12'N:51°72'E, h5km, ML3.6, Error ellipse: s-maj=9.8km s-min=4.8km az=58.0

TEH 25 07:04:06.7±0.3, 30°12'N:51°70'E, h10km, ML3.6, THR 25 07:04:07.9±1.0, 30°19'N:51°72'E, h38km, 7km, ML3.8

OMAN 25 07:04:22.7±9.0, 29°31'N:2°56'E, h175km, Error ellipse: s-maj=55.4km s-min=9.5km az=290.0

ISC 25 07:04:05.1±0.6, 30°11'N:0°04.51'W±0.05, h8km, m81, α134/80, mb3.7/11, 21-C-6D, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other technical details for stations 1151-1450.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like COLD Coldfoot, DOT Dot Lake, PNL Peninsula, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, WTV Waterville, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like EGMT Eagleton, BOZ Bozeman (W), BOZ Bozeman (W), etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like B25A Knox Farm, HEC Hektor, CCUT Cedar City, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like SONM Songino Array, SONM Hectol, SONM Cedar City, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like SDCO Great Sand Dun, SPA0 Spitsbergen Ar, G32A Webster, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WHTX, 136A, SFIN, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ACSO, 034A, VOSK, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like DRLN, JSC, TKM2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

25d 10h

Table of seismic data for 25d 10h, listing stations like Uoyan, Uuakit, Suvo, Suvo, Uuakit, etc., with columns for time, magnitude, and location.

2011 JAN

Main table of seismic data for 2011 JAN, listing stations like Talaya, Arshar, Zakamensk, etc., with columns for time, magnitude, and location.

1282

Table of seismic data for 1282, listing stations like Maasselka, Joensuu, Oulu, Rovaniemi, etc., with columns for time, magnitude, and location.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JRY Ryogami san, JMK Ichinoseki, JMSM Okushiri-Mats, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ROSC El Rosal, HELC Santa Helena, DBBC Dabeiba, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MANT Kula-Manisa, KULA Kula-Manisa, KULA Kula-Manisa, etc.

IDC 25 11:07:16.5-13.0, 2'48Sx125'40E, h0km, mb4.1/2, mb1 4.3/3, mb1mx3.6/40, mbtmp4.1/3, ML4.4/1, Error ellipse: s-maj=204.1km s-min=167.2km az=134.0, Ceram Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H10N3 ASCENSION HYDFR1.01114 T, H10N2 ASCENSION HYDFR1.01114 T, etc.

ATH 25 11:13:31.9, 37.79N-27.54E, h4km, MD3.2/4, ISCJB 25 11:13:34.6, 0.5, 37.89N-0.02-27.36E, 0.03, h0km, 6km, Error ellipse: s-maj=3.9km s-min=3.5km az=179.1

IDC 25 10:31:12.9-8.6, 19.75S-179.04W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/38, mbtmp3.5/3, Error ellipse: s-maj=380.2km s-min=39.5km az=145.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DBIC Dimbrok, DBIC Dimbrok, NV01 Mina Array Sit, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GCAM G?zelmcof?, GCAM G?zelmcof?, AYDB Zeytinkoy-Aydi, etc.

IDC 25 10:32:33.5-0.7, 15.79N-60.25W, h0km, mb4.1/13, mb1 4.3/15, mb1mx4.1/47, mbtmp4.1/15, ML3.6/2, MS3.4/4, Ms1 3.4/4, ms1mx3.1/30, Error ellipse: s-maj=16.9km s-min=13.4km az=47.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YKA Yellowknife Arr, KEST Kest, INK Inuvik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H05N1 Guadeloupe/Mar, H05N1 La Plaine, DPLP Marie-Galante, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YARS 25 10:50:49.5-0.6, 56.7N-02x121.3E, h01km, Southeastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSAI Masohi, KRAI Karang Ratu, KRAI Karang Ratu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MWM Montagne Vauci, LPFM Morne La Plaine, ZAM Aeronautique, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YKLR Yuktail, YKLR Yuktail, YKLR Yuktail, etc.

NIED 25 11:33:00.27-80N.143.40E, h8km, Mw4.5 Best double couple: Mb6.16000x1019, NPI1.331.00000, 828.00000, 1-109.00000, NP2.173.00000, 864.00000, 1-80.00000

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CELP Cerrillos, OBIP Obisipado Ponce, AOPR Arevalo Ponce, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHN Khani, KHN Khani, KHN Khani, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARG Arkhangelos, SIGR SIGRI, TVSB Tavsani, etc.

Table with columns: SARN, Sarigan, 11.23 168 ePn, Pn, 11 36 14.4 -3.6, LZH, comp=Z,1,1um,14.1s, LR, LR

Table with columns: LZH, comp=Z,1,1um,14.1s, LR, LR, LZH, comp=Z,1,1um,15.2s, Chengdu, 34.51 285 eP, P, 11 40 25.5 -0.1

Table with columns: MAKZ, Makanchi, 51.05 309 eP, P, 11 42 40.9 +1.4, AS31, Alice Springs, 51.92 191 eP, P, 11 42 44.9 -1.3

HLID	Hailey	79.56	46	P	P	11 45 44.8 +0.2	C25A	Freed Ranch, W	84.05	39	P	P	11 46 08.3 +0.3	B34A	Aery, Baudette	88.11	34	P	P	11 46 27.3 -0.6
HLID	Hailey	79.56	46	eP	P	11 45 44.9 +0.2	B26A	Jensen Ranch,	84.23	38	P	P	11 46 08.8 -0.1	J29A	Okreek	88.26	41	P	P	11 46 28.4 -0.4
RCTC	Rector, Farmer	79.61	55	P	P	11 45 44.8 0.0	Y12C	Blythe	84.23	55	P	P	11 46 08.8 -0.3	SDCO	Great Sand Dun	88.37	48	P	P	11 46 29.2 -0.6
LRM	Limekiln Ridge	79.71	44	eP	P	11 45 45.9 +0.5	P18A	Preston Nutter	84.23	48	eP	P	11 46 09.7 +0.3	D33A	AnnSam, Waubun	88.38	36	P	P	11 46 28.8 -0.5
LRM	PKM	79.71	44	eP	P	11 45 46.1 -0.1	PDMCI	Parker Dam,Lak	84.24	54	P	P	11 46 09.0 -0.2	I30A	Oacoma	88.47	40	P	P	11 46 29.0 -0.8
DLMT	Dillon	79.84	44	eP	P	11 45 47.0 +1.0	D25A	Fairfield	84.34	39	P	P	11 46 09.4 0.0	C34A	RKJ Ranch, Bem	88.53	35	P	P	11 46 29.4 -0.5
SUMG	Summit	79.93	1	eP	P	11 45 47.7 +1.4	GLA	Glenns	84.35	56	P	P	11 46 09.8 0.0	K29A	Lazy Trails An	88.66	41	P	P	11 46 29.6 -1.1
SUMG	Summit	79.93	1	eP	P	11 45 47.7 +1.4	U15A	North Rim	84.48	52	eP	P	11 46 11.2 +0.4	G32A	Webster	88.70	38	P	P	11 46 30.4 -0.4
SUMG	Summit	79.93	1	eP	P	11 45 47.7 +1.4	C26A	Walner Farm, P	84.62	38	P	P	11 46 10.5 -0.3	E33A	Westby DABS, E	88.71	36	P	P	11 46 30.1 -0.8
VES	Vestal, Richgr	79.94	55	P	P	11 45 45.4 -1.1	E25A	Miller Ranch,	84.67	40	P	P	11 46 10.9 -0.3	D34A	Park Rapids	88.75	36	P	P	11 46 30.4 -0.6
EGMT	Eagleton	80.21	41	P	P	11 45 47.7 -0.2	D26A	Manning	84.90	39	P	P	11 46 12.1 -0.2	J30A	Dallas	88.79	40	P	P	11 46 30.9 -0.4
BOZ	Bozeman (W)	80.29	43	eP	P	11 45 49.1 +0.6	A28A	Rude Farm, Bot	84.96	36	P	P	11 46 12.3 -0.2	C35A	Jirik Farms, M	88.97	35	P	P	11 46 31.6 -0.4
BOZ	Bozeman (W)	80.29	43	P	P	11 45 48.4 -0.1	F25A	Bowman	84.97	40	P	P	11 46 12.4 -0.3	F33A	5 Mile Ranch,	88.98	37	P	P	11 46 31.5 -0.6
BOZ	Bozeman (W)	80.29	43	eP	P	11 45 49.0 +0.6	K22A	Casper	84.99	44	P	P	11 46 12.7 -0.3	L29A	Maesberg Ranch	88.99	42	P	P	11 46 31.7 -0.6
ELK	Elko	80.36	49	eP	P	11 45 49.6 +0.6	C27A	Saylor Ranch,	85.01	38	P	P	11 46 12.6 -0.2	K30A	Basset	89.12	41	P	P	11 46 32.0 -0.8
ELK	Elko	80.36	49	eP	P	11 45 49.6 +0.6	B28A	Dugan Ranch, T	85.19	37	P	P	11 46 13.5 -0.2	N28A	Prieno Ranch	89.17	44	P	P	11 46 32.7 -0.5
ARVC	Arvin	80.44	55	P	P	11 45 48.7 -0.6	E26A	Carlson Angus	85.22	39	P	P	11 46 13.5 -0.4	J31A	Geddes	89.24	40	P	P	11 46 32.9 -0.6
FFC	Flin Flon	80.66	32	eP	P	11 45 50.4 +0.4	Y14A	Wienburg	85.23	54	eP	P	11 46 14.6 +0.3	ANMO	Albuquerque	89.29	50	P	P	11 46 33.1 -1.0
FFC	Flin Flon	80.66	32	eP	P	11 45 50.4 +0.4	O20A	White River Ci	85.27	47	eP	P	11 46 14.0 -0.5	D35A	Remer	89.34	35	P	P	11 46 33.5 -0.3
FFC	Flin Flon	80.66	32	eP	P	11 45 50.4 +0.4	G25A	Newell	85.42	41	P	P	11 46 14.8 -0.2	O28A	Krutsinger Ran	89.37	44	P	P	11 46 33.2 -0.9
BLG	Laguna Peak, P	80.74	56	P	P	11 45 50.5 -0.4	F26A	Lodgepole	85.46	40	P	P	11 46 15.0 -0.2	H33A	Prehn Over Nor	89.48	38	P	P	11 46 34.1 -0.4
DAC	Darwin (Calif)	80.81	54	eP	P	11 45 51.4 -0.1	A29A	Manning Farm,	85.49	36	P	P	11 46 15.1 -0.1	C36A	Pine Crest Far	89.50	34	P	P	11 46 33.6 -0.9
DAC	Darwin (Calif)	80.81	54	eP	P	11 45 51.4 -0.1	PV09	Paradox Valley	85.56	49	eP	P	11 46 16.4 +0.3	E35A	Pequot Lakes	89.51	36	P	P	11 46 33.7 -0.9
DAC	Darwin (Calif)	80.81	54	eP	P	11 45 51.4 -0.1	WU4Z	Wupatki	85.59	52	eP	P	11 46 15.9 -0.3	K31A	O'Neill	89.65	41	P	P	11 46 34.9 -0.5
MPMC	Manual Prospec	80.99	54	P	P	11 45 51.9 -0.5	WU4Z	Wupatki	85.59	52	eP	P	11 46 16.6 +0.5	121A	Ocosas Peak, D	89.69	53	P	P	11 46 35.8 -0.1
LRMC	Laurel Mtn Rad	81.11	55	P	P	11 45 52.7 -0.3	H25A	Fruitdale	85.64	41	P	P	11 46 16.0 -0.1	P28A	Saint Francis	89.71	44	P	P	11 46 35.2 -0.6
EDW2	Edwards Air Fo	81.17	55	P	P	11 45 52.2 -1.1	RSSD	Black Hills	85.67	42	P	P	11 46 16.3 -0.1	D36A	Goodland	89.73	35	P	P	11 46 34.7 -0.9
YMR	Madison River	81.19	44	eP	P	11 45 53.4 0.0	PV10	Paradox Valley	85.69	49	eP	P	11 46 17.0 +0.3	L31A	Butterfield Fa	89.88	41	P	P	11 46 35.5 -1.0
FURC	Furnace Creek,	81.25	53	P	P	11 45 53.4 -0.1	B29A	Wagenman Farm,	85.71	36	P	P	11 46 16.1 -0.2	F35A	Swanville	89.88	36	P	P	11 46 35.4 -0.9
R11A	Troy Canyon, C	81.26	51	P	P	11 45 53.6 -0.2	E27A	Carson	85.74	39	P	P	11 46 16.4 -0.1	ECSD	EROS Data Cent	90.16	39	P	P	11 46 37.5 -0.2
R11A	Troy Canyon, C	81.26	51	eP	P	11 45 53.8 0.0	RAYN	Ar Rayn	85.80	294	eP	P	11 46 18.7 +1.5	P29A	Atwood	90.20	44	P	P	11 46 37.5 -0.6
HVU	Hansel Valley	81.48	47	eP	P	11 45 55.7 +0.8	F27A	Lemmon	85.82	40	P	P	11 46 17.0 +0.1	C38A	Sawbill Land.	90.30	33	P	P	11 46 38.0 -0.3
HVU	Hansel Valley	81.48	47	eP	P	11 45 55.7 +0.8	G26A	Marline	85.83	40	P	P	11 46 16.7 -0.3	H35A	Sunnyside Ranc	90.51	37	P	P	11 46 38.9 -0.4
HVU	Hansel Valley	81.48	47	eP	P	11 45 55.7 +0.8	I25A	Rochford	85.91	42	P	P	11 46 17.2 -0.4	K33A	Hardington	90.67	40	P	P	11 46 39.7 -0.3
CIS	Catalina Islan	81.55	57	P	P	11 45 54.8 -0.5	A30A	Hoffart Farm,	85.96	36	P	P	11 46 17.6 +0.1	BGNE	Belgrade	90.76	41	P	P	11 46 39.9 -0.6
H17A	Grant Village	81.57	44	P	P	11 45 56.5 +1.1	X16A	Lo Mia Camp, P	86.11	53	eP	P	11 46 19.4 +0.6	S28A	Manteo	90.79	46	P	P	11 46 40.5 -0.4
H17A	Grant Village	81.57	44	eP	P	11 45 57.6 +2.1	H26A	Fairpoint	86.12	41	P	P	11 46 18.1 -0.3	K34A	Le Mars	91.13	39	P	P	11 46 41.9 -0.3
LKWY	Lake	81.59	44	eP	P	11 45 57.6 +2.1	PV01	Paradox Valley	86.13	49	eP	P	11 46 18.8 -0.1	P31A	Stockton	91.20	43	P	P	11 46 42.1 -0.5
LKWY	Lake	81.59	44	eP	P	11 45 57.6 +2.1	E28A	Huff	86.14	38	P	P	11 46 17.8 -0.6	SPMN	Marine on St.	91.23	36	P	P	11 46 42.6 0.0
IMW	Indian Meadow	81.60	45	eP	P	11 45 56.9 +1.2	G27A	Dupree	86.16	40	P	P	11 46 18.7 +0.1	R30A	Dighton	91.40	45	P	P	11 46 43.3 -0.3
FLWY	Flagg Ranch	81.65	44	eP	P	11 45 57.4 +1.6	J25A	Sunshine Ranch	86.23	42	P	P	11 46 18.6 -0.5	K35A	Storm Lake	91.59	39	P	P	11 46 44.1 -0.2
GSC	Goldstone, Bar	81.83	54	eP	P	11 45 57.0 +0.2	B30A	Myrvik Farm, E	86.25	36	P	P	11 46 19.1 +0.2	J36A	Seneca 1, Swea	91.68	38	P	P	11 46 44.3 -0.5
GSC	Goldstone, Bar	81.83	54	eP	P	11 45 57.0 +0.2	BR101	Keskin Array S	86.29	313	eP	P	11 46 20.3 +0.8	I37A	Lenox, Waseca	91.73	37	P	P	11 46 43.9 -1.1
GSC	Goldstone, Bar	81.83	54	eP	P	11 45 57.0 +0.2	BRTR	Keskin Array R	86.29	313	P	P	11 46 20.3 +0.8	L35A	Bielow Farm, R	91.81	40	P	P	11 46 45.1 -0.2
SHOC	Shoshone, Teco	81.93	54	P	P	11 45 56.9 -0.3	BRTR	Keskin Array R	86.29	313	P	P	11 46 20.3 +0.8	MNTX	Cornudas Mount	91.85	53	P	P	11 46 45.9 +0.1
LOHW	Long Hollow	81.95	45	eP	P	11 45 59.9 +2.5	N23A	Red Feather La	86.33	45	eP	P	11 46 20.0 +0.2	MNTX	Cornudas Mount	91.85	53	eP	P	11 46 46.3 +0.5
RLMT	Red Lodge	82.00	43	P	P	11 45 58.0 +0.4	UML	Lac du Bonnet	86.35	34	P	P	11 46 17.9 -1.4	K36A	Gilmore City	92.08	39	P	P	11 46 46.1 -0.5
RLMT	Red Lodge	82.00	43	eP	P	11 45 58.7 +1.1	214A	Organ Pipe Nat	86.37	56	P	P	11 46 20.0 +0.1	N34A	Lincoln	92.09	41	P	P	11 46 46.1 -0.6
AHID	Auburn Hatcher	82.07	46	eP	P	11 45 58.6 +0.5	F28A	McLaughlin	86.52	39	P	P	11 46 20.2 -0.1	M35A	Neola	92.14	40	P	P	11 46 46.5 -0.5
DUG	Dugway, Toeole	82.24	49	eP	P	11 45 59.2 +0.3	H27A	Howes	86.52	41	P	P	11 46 20.1 -0.3	U30A	WK&E Inc. Balk	92.22	46	P	P	11 46 47.3 -0.2
DUG	Dugway, Toeole	82.24	49	eP	P	11 45 59.2 +0.3	SMCO	Snowmass	86.61	47	eP	P	11 46 21.8 +0.4	P33A	Williams Farm,	92.27	43	P	P	11 46 46.9 -0.6
DUG	Dugway, Toeole	82.24	49	eP	P	11 45 59.1 +0.3	B31A	Greenbush Farm	86.62	36	P	P	11 46 20.8 +0.1	L36A	Harm Buss Farm	92.31	39	P	P	11 46 47.2 -0.9
MURC	Murrieta	82.35	56	P	P	11 45 59.1 -0.3	C30A	Mose, Pekin	86.64	37	P	P	11 46 20.8 -0.1	O34A	Beatrice	92.39	42	P	P	11 46 47.2 -0.9
HWUT	Hardware Ranch	82.36	47	eP	P	11 46 00.2 +0.6	J26A	Sides Ranch, S	86.70	42	P	P	11 46 21.4 0.0	K37A	Belmond	92.44	38	P	P	11 46 47.9 -0.4
HEC	Hector,Ludlow	82.40	55	P	P	11 45 59.1 -0.6	E29A	Napoleon	86.72	38	P	P	11 46 21.4 +0.1	T31A	Randall Ranch,	92.50	45	P	P	11 46 48.3 -0.4
TUQ	Turquoise Moun	82.40	54	P	P	11 45 59.3 -0.6	BR231	Keskin MP Arra	86.78	314	eP	P	11 46 18.7 -3.1	AMTX	Amarillo	92.54	48	eP	P	11 46 48.5 -0.5
AKASG	Malin Array Be	82.68	324	eP	P	11 45 59.7 -1.1	I27A	Quinn	86.86	41	P	P	11 46 21.8 -0.3	AMTX	Amarillo	92.54	48	eP	P	11 46 49.6 +0.6
AKASG	Malin Array Be	82.68	324	eP	P	11 46 00.4 -0.4	D30A	Buchanan	86.86	37	P	P	11 46 21.7 -0.2	N35A	Tabor	92.57	41	P	P	11 46 48.8 -0.1
109C	Camp Elliot, M	82.75	57	P	P	11 46 01.4 -0.1	A32A	Rocking H Ranc	86.90	35	P	P	11 46 21.8 -0.3	S32A	Newby Ranch, P	92.59	45	P	P	11 46 48.7 -0.4
NLU	North Lily Min	82.85	49	eP	P	11 46 02.3 +0.1	G28A	Parade	86.92	40	P	P	11 46 22.1 -0.2	M36A	Felix, Anita	92.66	40	P	P	11 46 49.1 -0.3
PFO	Pinyon Flats 0	82.89	56	eP	P	11 46 02.4 0.0	C31A	Landman Farms,	86.98	36	P	P	11 46 22.2 -0.3	J38A	Wedel Dairy, R	92.70	37	P	P	11 46 48.8 -0.6
PFO	Pinyon Flats 0	82.89	56	eP	P	11 46 02.4 0.0	F29A	Eureka	87.06	39	P	P	11 46 22.9 -0.1	P34A	Walnut Farm, R	92.72	42	P	P	11 46 48.9 -0.8
PFO	Pinyon Flats 0	82.89	56	eP	P	11 46 02.4 0.0	H28A	Mission Ridge	87.10	40	P	P	11 46 23.3 +0.1	O35A	Humboldt	92.80	41	P	P	11 46 49.3 -0.6
GMRC	Granite Mounta	82.91	55	P	P	11 46 01.8 -0.7	ISCO	Idaho Springs	87.15	46	P	P	11 46 23.1 -0.8	L						

25d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like R36A Gordon, Harris, N39A Derby Farms, D, 130A Snyder, etc.

NIED 25 11:36:00,24.00N,122.40E,h5km,Mw4.6 Best double couple: M=9.50000e-1015 NP1.3e-34,0.00000e-8,14.00000e-7,1.28,0.00000e-7 NP2.3e-277,0.00000e-8,84.00000e-7,1.02,0.00000e-7. IDC 25 11:36:11.9,0.9,23.98N,122.42E,h8km,mb4.1/8,MS4.1/1,mb1 4.2/9,mb1mx3.8/79,mbtmp4.1/9,MS3.7/4,Ms1 3.7/4,mb1mx3.2/42, Error ellipse: s-maj=37.2km s-min=18.4km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYNG Yonagunijimaku, EHP Heping Village, YOJ Yonaguni jima, etc.

2011 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WHF Yuli, EHY Hungye, TWB1 Santiao Chiao, etc.

1286

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHN8 baz=251, TAW Tavu, EAST Anshuo, etc.

ISCJB 25 11:48:06.9,0.4,52.37N,178.17E,0.09,h150km,mb3.9/8, Error ellipse: s-maj=12.8km s-min=6.6km az=20.0 IDC 25 11:48:06.9,11.0,52.29N,178.11E,h146km,105km,mb3.0/7,mb1 3.2/7,mb1mx3.0/54,mbtmp3.4/7,MS4.1/1,MS1 4.1/1,ms1mx2.8/19, Error ellipse: s-maj=35.7km s-min=23.6km az=23.0 NEIC 25 11:48:08.6,52.06N,178.19E,h161km,mb4.3/1,After AEIC. ISC 25 11:48:07.4,0.8,52.6N,178.29E,0.07,h150km,r22,e192/19,mb3.2/8,Rat Islands

Table with columns: Code, Station Name, Az, El, P, S, Res, h, m, s, ISC. Includes stations like Gareloi East, Tanaga Point A, Shemya, Thorafore Moun, Eielson Array, Yellowknife Ar, Mina Array Bea, Kurchatov, Kurchatov Arra, Borovoye Array, Warramunga Arr, Alice Springs, Boshof.

B/JI 25 11:48:42.8, 53°91'N; 108°85'E, h18km, Ms3.9/2, Ms7 3.6/2
MOS 25 11:48:44.5, 1.0, 53°50'N; 109°06'E, h10km, mb4.3/2, Error ellipse: s-maj=9.0km s-min=6.2km az=61.6

Table with columns: Code, Station Name, Az, El, P, S, Res, h, m, s, ISC. Includes stations like Suvo, Ulyunkhan, Zarechye, Tyrgan, Khapcheranga, Arshan, Nelyaty, Bodaibo, Zakamensk, Kurova, KMO.

Table with columns: Code, Station Name, Az, El, P, S, Res, h, m, s, ISC. Includes stations like KMO, Listvyanka, Uoyan, Chita, Irkutsk, Severomuysk, Talaya, Khapcheranga, Arshan, Nelyaty, Bodaibo, Zakamensk, MOY.

Table with columns: Code, Station Name, Az, El, P, S, Res, h, m, s, ISC. Includes stations like MOY, Monday, Orlik, Ulanbaatar, Ulanbaatar, Sonmigo Array, Chars, Krasnoyarsk, Yakutsk, Zalesovo Beam, Khabarovsk, Borovoye Array, Borovoye, Seymchan, Pinedale Array, Warramunga Arr, Alice Springs, WRA, Severo-Kuril's, Severo-Kuril's.

IDC 25 11:52:56.3+41.0, 24°13'S; 173°49'W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/37, mbtmp3.9/3, Error ellipse: s-maj=781.4km s-min=173.4km az=89.0, South of Tonga Islands

ISC/JB 25 12:07:38.6±0.5, 48°86'N; 0°06'155°E; 0.1, h55km, mb3.5/9, Error ellipse: s-maj=13.4km s-min=3.3km az=41.5
MOS 25 12:07:38.0±1.0, 48°72'N; 155°16'E, h54km, mb4.1/4, Error ellipse: s-maj=17.6km s-min=5.5km az=69.1

25d 13h

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC, H, m, s, ISC. Includes stations like ASAR Alice Springs, CMAR Chiang Mai Arr, SONM Songo Arr, MKAR Makanchi Arr, KURBB Kurchatov Arr, ILAR Eielson Arr, BVAR Borovoye Arr, YKA Yellowknife Arr, NVAR Mina Arr, TORD Torodi Arr.

SKO 25 13:06:00.9, 40.64N, 20.50E, h4km, ML2.1, ML3.0
CSEM 25 13:06:03.0, 1.40.67N, 20.76E, h2km, MD3.1, Error
ellip: s-maj=4.4km s-min=2.9km az=70.0

TIR 25 13:06:03.8, 40.70N, 20.79E, h7km, ML3.2
THE 25 13:06:03.5, 40.73N, 20.73E, h4km, ML3.0/6, Error
ellip: s-maj=1.7km s-min=0.7km az=165.0

PDG 25 13:06:03.5, 40.73N, 20.73E, h1km, ML3.0/12, Error
ellip: s-maj=0.6km s-min=0.9km az=0.0

ATH 25 13:06:03.4, 40.73N, 20.70E, h4km, MD3.1/11
ISC 25 13:06:03.8-1.0, 40.72N, 20.02-20.71E, 0.02, h8km, gkm, n76, n1901/125, 8C-12D, Greece-Albania border region

Main station list for 25d 13h, including OHR Ohrid, FNA Florina, TIR Tirane, KZN Kozani, MEV Metsovo, SGD Sagiada, IGT Igomonitsa, KEK Kerkira, GRG Griva, SKO Skopje, THL Klokotos Trika, MYLD Lahad Datu, LUWI Luwuk, SANI Sanana, SPSI Sorong, SIJI Sorong, SIU Sorong, SJI Sorong, KRAI Karang Raya, MSAI Masahi, AAI Ambon, TTS Taraja, SPSI Sidrap Palu, KAPI Kappang, BKS Bulukumba, KBKI Kotabaru, SBUM Sibul, BKBI Banjar Baru, SBKI Saumlaki, MTN Mantau Dam, FITZ Fitzroy Cross, COEN Coen, NJJ Nanjing, WRAB Tennant Creek, WRA Warramunga Arr, WB2 Warramunga Arr.

2011 JAN

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC, H, m, s, ISC. Includes stations like NKY Niksic, NRY Niksic, NRY Bratogost, UPM Unac-Piva, STON Ston, GRUZ Gruz, BBLs Laz#263i, DIVS Divibare.

CSEM 25 13:09:18.8, 1.3, 42.50N, 24.19E, h2km, ML1.7, Error
ellip: s-maj=29.8km s-min=15.3km az=150.0, Mining explosion.

BEO 25 13:09:19.1, 5.4257N, 24.16E, h0km, M1.7/3, 4C, Mining explosion., Bulgaria

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC, H, m, s, ISC. Includes stations like VTS Vitosh, ZAPS Zavoj, BARS Barje, MDVR Moldovita, GZR Gura Zlata, BZS Buzias.

BUI 25 13:13:43.9, 5.29N, 126.52E, h160km, mb4.3/18, mb4.8/8
ISCJB 25 13:13:50.9, 0.3, 5.98N, 0.03, 126.11E, 0.05, h164km, 3km, mb4.3/27, Error ellip: s-maj=9.1km s-min=3.7km az=164.4

NEIC 25 13:13:51.0, 0.7, 6.05N, 126.12E, h159km, gkm, mb4.6/9, Error ellip: s-maj=11.3km s-min=5.4km az=65.0

MAN 25 13:13:51, 5.94N, 125.98E, h164km, mb5.3, ML4.3, MS4.6
IDC 25 13:13:52.2, 0.6, 5.99N, 126.03E, h156km, 5km, mb3.8/10, mb1.4/0.12, mb1mx3.7/60, mbtmp4.3/12, MS3.3/1, Ms1 3.3/1, ms1mx2.6/62, Error ellip: s-maj=25.4km s-min=8.9km az=69.0

DJA 25 13:13:54.0, 0.5, 6.13N, 12.6E, h121km, 7km, M4.7/19, mb4.8/19, mb5.1/13, Ms1.5, 1/8, MWD9/4, 5/13
ISC 25 13:13:52.1, 0.7, 5.94N, 126.04, 126.09E, 0.06, h157km, 6km, n78, n1945/93, mb4.3/27, 2C-1D, Mindanao

Main station list for 2011 JAN, including MATI Mati, GSPH General Santos, DAV Davao City, DMPH Davao City-Mi, MUSAN Musuan, CTBH Cotabato-PC H, SGSI Sangihe, CGP Cagayan de Oro, BUIP Butuan, PAGZ Pagadian, TBP Tagbilaran, MASL Magellan, TMT Ternate, TINTI Ternate, GTOI Gorontalo, LBMI Labuha, MRSI Marisa, MYLD Lahad Datu, LUWI Luwuk, SANI Sanana, SPSI Sorong, SIJI Sorong, SIU Sorong, SJI Sorong, KRAI Karang Raya, MSAI Masahi, AAI Ambon, TTS Taraja, SPSI Sidrap Palu, KAPI Kappang, BKS Bulukumba, KBKI Kotabaru, SBUM Sibul, BKBI Banjar Baru, SBKI Saumlaki, MTN Mantau Dam, FITZ Fitzroy Cross, COEN Coen, NJJ Nanjing, WRAB Tennant Creek, WRA Warramunga Arr, WB2 Warramunga Arr.

1290

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC, H, m, s, ISC. Includes stations like GYA Guiyang, CM01 Chiang Mai Arr, CMAR Chiang Mai Arr, KMI Kunming, ASAR Alice Springs, CD2 Chengdu, CTA Chartau Arr, BJI Beijing, LZH Lanzhou, HHC Hu-ho-hao-te, MDJ Mudanjiang, NWAO Narrogin (SRO), BBOO Buckleboe, STKA Stephens Creek, GAT Gata, SONM Songo Arr, WMQ Urumqi, MK01 Makanchi Arr, MKAR Makanchi Arr, MKAZ Makanchi Arr, KSH Kashi, ZALV Zalesovo Beam, KURK Kurat, BRVK Borovoye, GEYT Ailibeck, ILAR Eielson Arr.

MOS 25 13:18:09.1, 0.9, 30.00S, 177.91W, h33km, mb5.9/63, MS5.1/23, Error ellip: s-maj=9.7km s-min=7.8km az=78.6

NEIC 25 13:18:10.2, 0.1, 30.06S, 177.95W, h35km, mb5.8/171, MS5.0/46, MW5.4, Error ellip: s-maj=5.4km s-min=3.5km az=149.0, Moment Solution, s20 Moment tensor: Scale 10^17Nm; Mr=1.56; Mw=0.68; Mo=0.87; Mo=0.02; Ms=0.74; Ms=0.08; Best double couple: M1=1.5000x10^17 NP1: 0.86, 0.00000, 0.46, 0.00000, 0.87, 0.00000. NP2: 0.22, 0.00000, 0.84, 0.00000, 0.94, 0.00000. Principal axes: T 1.5600, Plg87.0000, Azm240.0000, N -0.0300, Plg2.0000, Azm41.0000, P -1.5300, Plg1.0000, Azm131.0000.

ISCJB 25 13:18:10.8, 0.1, 30.28S, 0.02, 177.99W, 0.03, h55km, mb5.7/226, MS5.0/99, Error ellip: s-maj=3.7km s-min=2.9km az=111.8

GCMT 25 13:18:10.2, 0.1, 29.98S, 177.49W, h47km, MW5.4/117, Moment Tensor Solution, s104c195, s17c242; Duration: t53 Moment tensor: Scale 10^17Nm; Mr=1.61c3; Ms=0.03c2; Mw=1.65c2; Mo=0.01c2; Ms=0.34c2; Ms=0.61c2; Best double couple: M1=1.77200x10^17 NP1: 0.86, 0.00000, 0.85, 0.00000, 0.86, 0.00000. NP2: 0.195, 0.00000, 0.83, 0.00000, 0.96, 0.00000. Principal axes: T 1.7720, Plg79.0000, Azm260.0000; N 0.0950, Plg4.0000, Azm10.0000; P -1.8220, Plg10.0000, Azm101.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

IDC 25 13:18:10.7, 1.3, 29.96S, 177.351W, h39km, mb5.2/24, MS1 5.2/24, mb1mx5.2/32, mbtmp5.3/24, MS4.7/29, Ms1 4.7/29, ms1mx4.6/45, Error ellip: s-maj=12.6km s-min=11.8km az=166.0

BUI 25 13:18:11.3, 29.88S, 177.54W, h63km, mb5.4/44, mb5.7/44, MS5.2/36, Ms7 4.9/40

ISC 25 13:18:11.9, 0.4, 30.16S, 0.04, 177.87W, 0.04, h55km, 2km, h54km; pP-P, n113, c124/1093, mb5.8/221, MS5.0/100, 35C-40D, Kermadec Islands

Main station list for 1290, including RAO Raoul Island, MXZ Matakaoa Point, WMGZ Waiomatatini S, HAZ Te Kaha, PKGZ Pakihiroa, PUZ Puketitiro, TWGZ Tauwhareparae, WCZ Waipau Caves, OUZ Omahuta, OPRZ Ohinepanea, MWZ Matawai, URZ Urewera, URZ Urewera, URZ Shannon Statio, KNZ Kokohu, RAHZ Aarahi, WHHZ Waihua, MRHZ Mataora Rd, ARHZ Aroapanui, BKZ Black Stump Fm, BKZ Black Stump Fm, URZ Hauri.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PXZ Pawanui, BFZ Birch Farm, and various other local stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CTAO, ARPS, STKA, and various other stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like VVDA, VVDA Vanda, KDU, and various other stations.

25d 13h

KSM	Kuching	75.08 281	P	P	13 29 48.1 -0.4
KSM	Kuching	75.08 281	P	P	13 29 48.1 -0.4
KSM	Kuching	75.08 281	eP	P	13 29 47.4 -1.1
KASI	Kota Agung	76.56 271	P	P	13 29 55.2 -1.7
KLJ	Kotabumi	76.57 272	P	P	13 29 56.7 -0.2
JOW	Kutigami	76.58 312	eP	P	13 29 55.8 -0.8
PPBI	Pangkal Pinang	76.81 275	P	P	13 29 58.7 +0.4
LWLI	Lawa	77.19 272	P	P	13 30 00.4 +0.1
MDSI	Maura Dua	77.34 272	P	P	13 29 59.6 -1.7
SYO	Syowa Base	77.38 193	i/P	P	13 30 00.0 -0.5
INU	Inuyama	77.77 324	eP	P	13 30 03.4 +0.3
MJAR	Matsushiro Arr	78.10 325	P	P	13 30 04.2 -0.8
MJAR	Matsushiro	78.11 325	i/P	LR	14 00 54.8
MAJO	Matsushiro	78.11 325	eP	pP	13 30 05.3 +0.3
MAJO	Matsushiro	78.11 325	eP	pmax	13 30 19.8 -0.6
MAJO	Matsushiro	78.11 325	eP	MLR	13 30 05.8 +0.8
MAT	Matsushiro	78.11 325	eP	P	13 30 04.0 -1.0
MJB9	Matsu-Tunnel	78.11 325	eP	P	13 30 05.9 +0.9
LHSI	Lahat	78.23 272	P	P	13 30 05.5 -0.7
SNA4	Sanae	78.40 178	P	P	13 30 07.0 +0.8
SNA4	Sanae	78.40 178	eP	pmax	13 30 07.2 +0.9
SNA4	Sanae	78.40 178	P	P	13 30 07.1 +0.8
SNA4	Sanae	78.40 178	eP	P	13 30 07.2 +0.9
VNA3	Neumayer Olymp	78.54 176	P	P	13 30 08.0 +1.0
TWG	Pinlang	78.81 305	P	P	13 30 07.0 -2.1
VNA2	Neumayer-Watz	78.98 177	P	P	13 30 10.7 +1.3
NVL	Nalazarevskaya	79.13 183	i/P	S	13 30 10.4 +0.2
NVL	Nalazarevskaya	79.13 183	eS	pmax	13 40 01.1 -4.0
TPUB	Nakatsue	79.43 305	eP	P	13 30 10.2 -2.3
JNU	Nakatsue	79.45 318	P	P	13 30 11.8 -0.7
JNU	Nakatsue	79.45 318	eP	P	13 30 12.4 -0.1
SSLB	Suangleung	79.51 305	P	P	13 30 09.1 -3.9
MASI	Maura Aman, Be	79.69 272	P	P	13 30 13.3 -1.0
ERM	Ermo	80.30 332	eP	pmax	13 30 18.1 +1.4
ERM	Ermo	80.30 332	eP	MLR	13 30 18.1 +1.4
ERM	Ermo	80.30 332	eP	MLR	13 30 30.0 +1.3
ERM	Ermo	80.30 332	PF	LR	13 30 30.0 +1.3
MYKOM	Kota Tinggi	80.77 277	P	P	13 30 20.7 +0.7
MYKOM	Kota Tinggi	80.77 277	eP	P	13 30 20.2 +0.1
YUK	Yuzh-Kuril'sk	80.94 334	i/P	P	13 30 20.0 -0.1
YUK	Yuzh-Kuril'sk	80.94 334	i/S	S	13 30 35.2
YUK	Yuzh-Kuril'sk	80.94 334	i/S	SS	13 45 37.9 -2.5
AMKA	Amchitka	81.22 358	eP	SS	13 30 21.1 -0.4
KUR	Kuril'sk	81.25 336	eP	P	13 30 21.8 +0.1
KUR	Kuril'sk	81.25 336	i/S	S	13 40 29.7 +2.0
ATKA	Atka Island	82.07 2	eP	P	13 30 25.3 -0.5
DLV	T. Lat	82.19 289	eP	P	13 30 28.5 +0.8
ASAJ	Asahikawa	82.27 332	LR	LR	14 03 13.8
ASAJ	Asahikawa	82.27 332	eP	P	13 30 27.9 +0.7
PDSI	Padang	82.33 273	P	P	13 30 26.2 -2.1
BKNI	Bangkinang	82.45 275	P	P	13 30 30.0 +1.1
BKNI	Bangkinang	82.45 275	PF	LR	13 30 40.0 +1.1
PLCA	Paso Flores	82.59 133	P	P	13 30 30.7 +1.3
PLCA	Paso Flores	82.59 133	eP	LR	13 58 24.1
PLCA	Paso Flores	82.59 133	eP	P	13 30 30.6 +1.3
PPI	Padang Panjang	82.61 274	P	P	13 30 28.4 -1.4
EFI	East Falkland	82.94 147	i/P	pP	13 30 31.2 +0.5
EFI	East Falkland	82.94 147	i/P	pmax	13 30 45.9 -0.4
EFI	East Falkland	82.94 147	i/P	MLR	13 30 31.3 +0.5
EFI	East Falkland	82.94 147	eP	P	13 30 31.8 +1.1
NIKH	Nikolski High	83.15 5	P	P	13 30 31.4 -0.1
TJN	Taojon	83.79 318	i/P	pP	13 30 37.1 +1.9
TJN	Taojon	83.79 318	i/P	pP	13 30 52.2 +1.4
CANA	Caviahue	83.83 130	eP	P	13 30 37.8 +1.8
SCIZ	Santa Clemente I	84.23 47	P	P	13 30 38.4 +0.8
SCIZ	Santa Cruz Isl	84.23 45	P	P	13 30 38.8 +1.2
KSR5	Korea Array	84.23 320	P	P	13 30 38.8 +1.4
KSR5	Korea Array	84.23 320	P	LR	14 07 49.3
KSR5	Korea Array	84.23 320	P	P	13 30 38.9 +1.4
KSAR	Wonju Array Be	84.25 320	eP	P	13 30 38.8 +1.3
KSAR	Wonju Array Be	84.25 320	eP	P	13 30 38.8 +1.3
KSAR	Wonju Array Be	84.25 320	eP	P	13 30 37.4 -0.2
SLBS	Sierra La Lagu	84.33 59	eP	pP	13 30 39.9 +1.5
SLBS	Sierra La Lagu	84.33 59	eP	pP	13 30 55.7 +1.7
SLBS	Santa Barbara	84.47 45	P	P	13 30 39.8 +1.0
IPM	Ipo	84.56 278	P	P	13 30 39.1 -0.7
IPM	Ipo	84.56 278	eP	P	13 30 39.0 -0.7
IPM	Ipo	84.56 278	eP	LR	13 30 39.0 -0.7
YSS	Yuzh-Sakhalins	84.58 334	eP	P	13 30 39.0 0.0
YSS	Yuzh-Sakhalins	84.58 334	eP	pmax	13 30 52.6
YSS	Yuzh-Sakhalins	84.58 334	eP	MLR	13 30 39.8 0.0
YSS	Yuzh-Sakhalins	84.58 334	eP	MLR	13 30 39.8 0.0
YSS	Yuzh-Sakhalins	84.58 334	eP	MLR	13 30 39.8 0.0
YSS	Yuzh-Sakhalins	84.58 334	eP	MLR	13 30 39.8 0.0
CIS	Catalina Islan	84.60 46	P	P	13 30 40.1 +0.6
PBSI	Pulau Batu	84.65 273	P	P	13 30 39.9 -0.3
BLG	Laguna Peak, P	84.65 45	P	P	13 30 40.2 +0.4
PKM	McPherson Peak	84.72 44	P	P	13 30 41.2 +1.0
SRIG	Santa Rosalia	84.85 54	eP	P	13 30 41.6 +0.8
SMMC	Fort Macarthur	84.87 46	P	P	13 30 41.4 +0.6
SMMC	Fort Macarthur	84.87 46	P	P	13 30 41.6 +0.7
QIZ	Qiongzong	84.99 295	P	P	13 30 42.3 +0.6
QIZ	Qiongzong	84.99 295	S	P	13 41 08.0 +1.2

2011 JAN

QIZ	Qiongzong	84.99 295	eP	P	13 30 42.2 +0.6
QIZ	Qiongzong	84.99 295	eP	pmax	13 30 42.8 +1.3
SAO	San Andreas Ge	85.02 42	eP	P	13 30 42.8 +1.3
SAO	San Andreas Ge	85.02 42	eP	P	13 30 42.8 +1.3
LRV	Little Rabbit	85.04 43	eP	P	13 30 43.5 +1.9
109C	Camp Elliot, M	85.08 47	P	P	13 30 42.4 +0.6
OSI	Osito Audit: C	85.20 45	P	P	13 30 43.0 +0.5
OSI	Osito Audit: C	85.20 45	eP	P	13 30 43.9 +1.4
DECC	Green Verdugo	85.20 46	P	P	13 30 43.0 +0.6
BAR	Barrett	85.22 48	eP	P	13 30 43.7 +1.1
BAR	Barrett	85.22 48	eP	LR	13 30 57.9
BAR	Barrett	85.22 48	eP	LR	13 30 57.9
PASC	Padadena Art C	85.24 46	eP	P	13 30 43.6 +0.9
PASC	Padadena Art C	85.24 46	eP	P	13 30 58.9
KULM	Kulim	85.29 279	P	P	13 30 43.0 -0.4
KULM	Kulim	85.29 279	eP	P	13 30 43.3 -0.1
KULM	Kulim	85.29 279	eP	LR	13 30 43.4 +0.9
PET	Petrovavlovsk	85.32 346	eS	S	13 41 04.8 -3.7
PET	Petrovavlovsk	85.32 346	eP	pmax	13 30 43.0 +0.5
PET	Petrovavlovsk	85.32 346	eP	P	13 30 43.0 +0.5
MWC	Mount Wilson	85.35 46	eP	P	13 30 43.6 +0.2
MWC	Mount Wilson	85.35 46	eP	pmax	13 30 43.6 +0.2
MWC	Mount Wilson	85.35 46	eP	P	13 30 60.0
ARVC	Arvin	85.47 45	P	P	13 30 44.4 +0.6
MURC	Murrieta	85.48 47	P	P	13 30 44.7 +0.8
MURC	Murrieta	85.48 47	P	P	13 30 43.6 -1.1
PSI	Prapat	85.52 276	eP	P	13 30 43.0 -1.7
PSI	Prapat	85.52 276	eP	pmax	13 34 04.0
PSI	Prapat	85.52 276	eP	MLR	13 30 42.9 -1.9
PSI	Prapat	85.52 276	eP	P	13 30 42.5 -2.2
PSI	Prapat	85.52 276	eP	P	13 30 42.8 -1.9
PSI	Prapat	85.52 276	eP	PP	13 30 43.0 -1.7
PSI	Prapat	85.52 276	eP	PP	13 34 04.0 +0.1
PSI	Prapat	85.52 276	eP	PP	13 30 45.2 +0.9
MONP	Monument Peak	85.58 48	P	P	13 30 45.4 +0.9
IBP	Imperial Bould	85.58 48	P	P	13 30 43.5 -0.5
PEAO	Petrovavlovsk	85.60 346	eP	P	13 30 45.1 +1.1
PEAO	Petrovavlovsk	85.60 346	eP	P	13 30 44.0 +0.1
PETK	Petrovavlovsk	85.60 346	eP	LR	14 02 25.2
PETK	Petrovavlovsk	85.60 346	eP	LR	14 02 25.2
BFSC	Mount Baldy Ra	85.61 46	P	P	13 30 45.1 +0.4
HOPS	Hopland Field	85.65 40	eP	P	13 30 45.7 +1.2
VES	Vestal, Richgr	85.80 44	P	P	13 30 45.5 +0.2
EDW2	Edwards Air Fo	85.83 45	P	P	13 30 45.9 +0.3
GSI	Gunungstisli	85.93 274	eP	P	13 30 46.8 +0.2
GSI	Gunungstisli	85.93 274	eP	P	13 30 46.4 -0.2
WSC	Winston S. Stewar	85.95 48	P	P	13 30 47.2 +1.0
PFO	Pinyon Flats O	85.96 47	P	P	13 30 47.3 +0.9
PFO	Pinyon Flats O	85.96 47	eP	LR	14 02 02.2
PFO	Pinyon Flats O	85.96 47	eP	P	13 30 46.9 +0.5
PFO	Pinyon Flats O	85.96 47	eP	pmax	13 31 03.4
PFO	Pinyon Flats O	85.96 47	eP	pmax	13 30 47.8 +1.4
PFO	Pinyon Flats O	85.96 47	eP	P	13 30 47.3 +0.9
PFO	Pinyon Flats O	85.96 47	eP	P	13 30 46.9 +0.5
PFO	Pinyon Flats O	85.96 47	eP	P	13 31 03.4
PFO	Pinyon Flats O	85.96 47	eP	P	13 30 47.5 +1.1
RCTC	Reactor, Farmer	86.02 44	P	P	13 30 46.9 +0.5
ISA	Isabella, Lake	86.05 45	eP	P	13 30 47.2 +0.5
ISA	Isabella, Lake	86.05 45	eP	pmax	13 31 03.4
ISA	Isabella, Lake	86.05 45	eP	P	13 30 47.3 +0.7
ISA	Isabella, Lake	86.05 45	eP	P	13 30 47.2 +0.5
ISA	Isabella, Lake	86.05 45	eP	P	13 31 03.4
BBRC	Big Bear Solar	86.09 47	P	P	13 30 47.9 +0.8
NJ2	Nanjing	86.17 311	eP	pP	13 30 48.3 +1.0
NJ2	Nanjing	86.17 311	eP	PP	13 31 04.0 +1.1
NJ2	Nanjing	86.17 311	eP	PP	13 34 08.5 -0.3
KMRM	Mali Ridge	86.17 38	eP	P	13 30 49.1 +1.9
LRMC	Laurel Mtn Rad	86.41 45	eP	P	13 30 49.0 +0.5
LRMC	Laurel Mtn Rad	86.41 45	eP	P	13 30 49.0 +0.4
UBPT	Khong Chiam	86.44 290	P	P	13 30 49.3 +0.3
BELC	Belle Mtn, Jos	86.50 47	P	P	13 30 50.0 +1.0
CMB	Columbia Colle	86.51 42	eP	P	13 30 48.7 -0.2
CMB	Columbia Colle	86.51 42	eP	pmax	13 31 05.3
CMB	Columbia Colle	86.51 42	eP	P	13 30 48.7 -0.2
CMB	Columbia Colle	86.51 42	eP	P	13 31 05.3
CMB	Columbia Colle	86.51 42	eP	P	13 30 51.1 +1.2
KHMM	Horse Mountain	86.62 38	eP	P	13 30 51.2 +1.7
GL3	Big Chuckwall	86.63 48	P	P	13 30 50.8 +1.1
GL3	Big Chuckwall	86.63 48	eP	P	

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like MCK, 534A, YNR, BOZ, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like J27A, Q32A, K28A, X37A, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like KSH, LBTB, LBTB, KURK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like TMCR Tamitsa, KTKI Klautovsko, KLMR Kluvoineke, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like KONO Kongsberg, KONO Kongsberg, KONO Kongsberg, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like UPC comp=Z,500nm,18.5s, DPC Dobruska-Polom, etc.

Table with columns: SIV, LR, LR, 14 09 07.7, comp=2.166nm, 20.0s, baz=191, slow=38, Tanti, 9.21 164 eP, Pn, 14 05 47.8 -2.4, 14 05 50.4

ISC 25 14:19:30.0 1.7, 8.14S, 129.74E, h0km, mb3.4/1, mb1 3.8/5, mb1mx3.5/34, mbtmp3.6/5, ML3.6/4, Error ellipse: s-maj=58.2km s-min=24.6km az=86.0, Timor Sea

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, SIV, h m s, ISC

ISC 25 14:19:31.4 6.5, 43.36N, 145.29E, h0km, Error ellipse: s-maj=178.8km s-min=43.1km az=11.0, Eastern Caucasus

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, SIV, h m s, ISC

WEL 25 14:44:07.2 0.4, 36.53S, 177.37E, h189km, 4km, ML3.7/1.1, 7C-2D, Error ellipse: s-maj=6.3km s-min=5.2km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, SIV, h m s, ISC

ISC 25 15:04:10.6 2.5, 2'62N, 125'22E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/26, mbtmp3.5/3, Error ellipse: s-maj=304.0km s-min=25.2km az=65.0

ISCJB 25 15:04:23.7 0.7, 0'35N, 0'05E, h110km, 7km, mb3.3/3, Error ellipse: s-maj=11.7km s-min=6.6km az=166.1

DJA 25 15:04:25.0 5.0, 0'N, 4'12E, h83km, 12km, M3.7/7, MLV3.7/7

ISC 25 15:04:25.2 1.0, 0'32N, 0'07E, h103km, 11km, n12, c134/18, mb3.5/3, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, SIV, h m s, ISC

MKAR Makanchi Array 57.27 329 P P 15 14 02.9 +0.8

ISCJB 25 15:04:44.2 1.3, 36.52N, 0'05:38'57E, 0'04, h6km, 7km, Error ellipse: s-maj=9.0km s-min=4.5km az=14.3

CSEM 25 15:04:44.6 0.6, 36.56N, 38'52E, h10km, MD3.0, Error ellipse: s-maj=17.7km s-min=9.3km az=10.0

NSSC 25 15:04:47.0 7.0, 36'36N, 38'52E, h35km, 10km, ML2.1 DDA 25 15:04:47.4, 36'80N, 38'48E, h10km, MD3.0

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, SIV, h m s, ISC

ISC 25 15:04:47.0 7.0, 36'36N, 38'52E, h10km, MD3.0

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, SIV, h m s, ISC

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

ISC 25 15:04:43.7 1.4, 36.50N, 0'05:38'56E, 0'03, h7km, 10km, n15, c081/30, Jordan-Syria region

MALT Malatya 1.74 79 ePn Pn 16 10 45.0 +0.3

JMA 25 16:12:35.6 0.3, 44'03N, 148'01E, h0km, M4.1 SKHL 25 16:12:36.7 0.4, 44'37N, 148'19E, h33km, 3km, mb4.6/5

ISC 25 16:12:32.8 2.8, 44'28N, 148'08E, 0'02, h6km, 14km, n17, c142/27, Kuril Islands

Code Station Name Az, AZ, Phase ID, Time, Res, SIV, h m s, ISC

KUR Kuril'sk 1.00 343 eP Pn 16 12 51.7 -0.2

KUR 94nm, 0.2s A A 16 12 52.2

KUR 104nm, 0.2s A A 16 12 52.2

KUR 353nm, 0.2s eS A Sg 16 13 03.0 -1.8

KUR 590nm, 0.3s A A 16 13 04.5

SHO Shikotan 1.11 249 i P Pn 16 12 54.9 +0.5

SHO 110nm, 0.2s i S Sg 16 12 55.9

SHO 1um, 0.4s A A 16 13 09.0

SHO 150nm, 0.4s A A 16 13 09.0

YUK Yuzh-Kuril'sk 1.75 263 i P Pn 16 13 04.1 +0.5

YUK 69nm, 0.2s A A 16 13 05.7

YUK 46nm, 0.2s A A 16 13 05.7

YUK 229nm, 0.2s i S Sg 16 13 24.6 -1.6

YUK 287nm, 0.3s A A 16 13 31.0

NEM2 Nemuro 2 2.04 244 P Pn 16 13 07.8 +0.1

NEM2 16 13 15.5 -2.0

JRA Rausu 2.29 263 P Pn 16 13 12.6 +1.5

JRA 16 13 40.1 +0.5

JNK Nakash 2.66 256 P Pn 16 13 17.2 +1.1

JNK 16 13 47.7 -0.5

JAK Akkeshi 2.89 245 P Pn 16 13 19.9 +0.8

JAK 16 13 52.5 -1.9

JTKR Abashiri-Toko 3.15 266 P Pn 16 13 24.1 +1.1

JTKR Ashorobuto 3.04 255 P Pn 16 13 28.1 +1.7

JAR Churui 3.94 247 P Pn 16 14 07.7 +0.7

JSE Soyaks 4.12 282 P Pn 16 13 37.0 +0.9

JNBK Urakawa-nobuka 4.05 246 P Pn 16 13 42.6 +1.2

JWK2 Keiuhku 4.65 285 P Pn 16 13 45.6 +2.1

YSS Yuzh-Sakhalins 4.07 307 eP Pn 16 13 45.2 +1.0

YSS 12nm, 0.2s A A 16 13 48.2

JKB Kayabe 5.81 248 P Pn 16 14 01.1 +1.6

JKB 16 15 05.4 -1.0

JOT Ohata 6.05 244 P Pn 16 14 03.7 +1.0

JOT 16 15 09.8 -2.6

TYV Tymovskoe 7.60 332 eP Pn 16 15 25.8 +1.8

ISC 25 16:17:47.4 1.4, 32'57N, 141'81E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.3/39, mbtmp3.4/4, ML2.9/1, MS3.4/2, Ms1 3.4/2, ms1mx2.7/46, Error ellipse: s-maj=29.9km s-min=23.8km az=38.0

ISCJB 25 16:17:49.8 1.0, 32'68N, 141'90E, 0'09, h31km, mb3.5/3, MS4.1/1, Error ellipse: s-maj=11.1km s-min=8.5km az=173.9

JMA 25 16:17:51.1 1.0, 32'77N, 141'55E, h0km, M3.7

ISC 25 16:17:52.2 1.3, 32'72N, 141'79E, 0'09, h31km, n16, c1856/18, mb3.7/3, Southeast of Honshu

Code Station Name Az, AZ, Phase ID, Time, Res, SIV, h m s, ISC

JHJ Mitsuue 1.65 284 P Pn 16 18 19.3 +0.3

JHJ Hachioji jima 2 1.68 284 Pn 16 18 18.8 -0.6

JHJ 24nm, 0.3s, baz=358, slow=19, SNR=9.5

BOSO Boso 1 2.02 342 eS Sb 16 18 50.8 -1.7

BOSO Boso 2 2.18 339 eS Sb 16 18 55.6 -1.6

BOSO Boso 3 2.31 334 P Pn 16 18 29.6 +1.8

JHU Hanno 3.72 328 eS Pn 16 19 31.8 +1.6

JHO Hitachi 3.99 347 P Pn 16 18 51.2 0.0

JHO 16 19 36.0 -0.9

JAG Ashikaga 4.14 334 P Pn 16 18 55.7 +2.5

JFK Kawachi 4.68 352 P Pn 16 19 02.1 +1.4

JFK 16 19 59.9 -3.1

MMAR Matsushiro Arr 4.79 324 Pn 16 19 02.8 +1.7

0.4nm, 0.3s, baz=151, slow=11, SNR=5.3

JFT Ohama 4.92 347 P S Pn 16 19 04.9 +1.0

JFT 16 19 59.1 -0.6

KSRS Korea Array 12.25 296 LR 16 25 47.7

comp=2.32nm, 19.9s, baz=5.0, slow=39

MKAR Makanchi Array 46.73 306 P Pn 16 26 19.8 +1.5

0.5nm, 0.6s, baz=84, slow=9.7, SNR=8.4

WRA Warramunga Arr 52.84 189 P Pn 16 27 06.6 -1.3

0.7nm, 0.6s, baz=62, slow=7.5, SNR=9.6

ILAR Eielson Array 53.03 31 P Pn 16 27 03.2 0.0

0.2nm, 0.6s, baz=271, slow=6.1, SNR=3.5

KVAR Kevlavodsk Arr 73.94 312 LR 17 06 18.9

comp=2.94nm, 18.1s, baz=212, slow=39

ISC 25 16:23:29.0 2.4, 2.31S, 137.07E, h0km, mb3.3/2, mb1 3.7/4, mb1mx3.3/35, mbtmp3.5/4, ML3.4/2, Error ellipse: s-maj=65.6km s-min=27.3km az=76.0, Irian Jaya

Code Station Name Az, AZ, Phase ID, Time, Res, SIV, h m s, ISC

SJUI Sorong 5.98 284 Pn 16 25 00.5 +1.7

SJUI 1.4nm, 0.3s, baz=283, slow=24, SNR=14

SJUI 16 25 54.7 -1.3

WRA Warramunga Arr 17.73 189 Pn 16 27 36.9 -0.6

0.1nm, 0.3s, baz=39, slow=12, SNR=5.8

ASAR Alice Springs 21.45 188 P Pn 16 28 19.1 0.0

0.0nm, 0.6s, baz=334, slow=12, SNR=3.4

MKAR Makanchi Array 68.48 323 P Pn 16 34 32.9 -0.2

0.3nm, 0.6s, baz=116, slow=6.6, SNR=2.1

ISC 25 16:31:20.2 1.9, 8.76S, 127.09E, h0km, mb3.1/1, mb1 3.4/4, mb1mx3.3/2, mbtmp3.2/4, ML3.0/3, Error ellipse: s-maj=90.3km s-min=27.3km az=71.0, Timor region

Code Station Name Az, AZ, Phase ID, Time, Res, SIV, h m s, ISC

FITZ Fitzroy Crossi 9.39 189 Pn 16 33 36.8 -0.1

0.1nm, 0.3s, baz=0, slow=13, SNR=3.6

FITZ 16 35 14.7 -8.6

WRA Warramunga Arr 13.14 149 Pn 16 34 28.0 -0.2

0.1nm, 0.3s, baz=323, slow=14, SNR=11

WRA 16 36 49.6 -5.7

ASAR Alice Springs 16.19 157 Pn 16 35 09.6 +0.3

0.0nm, 0.6s, baz=334, slow=12, SNR=3.4

ASAR 16 36 00.9 -8.8

baz=315, slow=18, SNR=3.1

MKAR Makanchi Array 68.16 329 P Pn 16 42 22.3 0.0

0.1nm, 0.4s, baz=130, slow=4.9, SNR=2.8

ISC 25 16:52:23.9 1.7, 2'48N, 95'51E, h0km, mb3.7/7, mb1 3.8/9, mb1mx3.6/63, mbtmp3.7/9, ML3.5/2, MS2.9/1, Ms1 3.7/1, ms1mx2.6/46, Error ellipse: s-maj=57.2km s-min=18.1km az=53.0

ISCJB 25 16:52:26.0 0.7, 2'61N, 0'05:95'60E, 0'06, h25km, mb3.9/7, Error ellipse: s-maj=8.9km s-min=6.3km az=142.0

DJA 25 16:52:27.0 2.0, 3'N, 3'9E, h10km, M4.0/11, mb4.2/2, MLV3.9/11

ISC 25 16:52:28.6 1.1, 2'67N, 0'06:95'67E, 0'08, h25km, n25,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KAP1 Kappang, FITZ Fitzroy Crossi, FITZ Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, CMAR Chiang Mai Arr, KSRS Korea Array, SONM Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam, KDAA Kodiak Island.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for URZ Urewera, STKA Stephens Creek, ASAR Alice Springs, ARCES ARCES Array B.

ISCJB 25 18:22:06.0.5, 7.32N:0.04:73.07W:0.04, h48km, 11km, Error ellipse: s-maj=9.0km s-min=4.8km az=42.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GRMC Gramalote, San, BARC Barichara, CAPV Capacho, OCAC Ocano, RUSC La Rusia, VIGV El Vigia, SOCV Socopas, NORC Norcasia, HELC Santa Helena, MOTE Monteria, CORD, VIRV Villa del Rosa, CURV Curarigua, MAPV Macapao, BAUV El Baul, MONV Montecano, TURV Turiamo.

IDC 25 18:25:05.0.1, 9.894S:126.79E, h0km, mb3.2/1, mb1 3.5/4, mb1mx3.3/3.1, mbtmp3.3/4, ML3.1/3, MS3.2/1, Ms1 3.2/1, ms1mx2.6/1.5, Error ellipse: s-maj=93.2km s-min=27.3km az=70, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for FITZ Fitzroy Crossi, FITZ Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, KSRS Korea Array, MKAR Makanchi Array.

IDC 25 18:28:13.6.1, 9.876S:126.96E, h0km, mb3.2/1, mb1 3.5/4, mb1mx3.3/3.4, mbtmp3.3/4, ML3.4/3, Error ellipse: s-maj=88.2km s-min=27.4km az=71.0, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for FITZ Fitzroy Crossi, FITZ Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, KSRS Korea Array, MKAR Makanchi Array.

ISCJB 25 18:31:56.0.3, 33.21S:0.04:70.34W:0.04, h108km, 2km, mb4.1/1.0, Error ellipse: s-maj=7.8km s-min=4.7km az=139.6

NEIC 25 18:31:58.6.0.7, 33.13S:70.24W, h91km, 6km, mb4.9/3, Error ellipse: s-maj=10.5km s-min=5.4km az=85.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PEL Peledhue, CLCH Cerro Calan, SAN Santiago, ANTU Antumapu, RCDM Rinconada Maip, ROCH El Roble, ROCH El Roble, ROCI El Roble, ARCO CERRO ARCO, AUSP Uspallata, AAGR Agrelo, AAGR Agrelo, ASAL Salagasta, RTLS Leontico, RTVC Cerro Valdivia, SJA San Juan, RRTL Cerro Villicun, AMOG Mogna, ACAN Cantanil, ACAN Tololo Astrono, AHEC Chepes, LCO Las Campanas, LCO Las Campanas, VCA Vinchina, CYA Chuya, PLCA Paso Flores, PLCA Paso Flores, TRQA Torquist, LVC Limon Verde, CPUP Villa Florida, LPZP East Falkland, SIV San Ignacio, ERI East Falkland, SAHL Samuel, ATAM Atahualpa, PMSA Palmer Station, SNAE Sanae, GSPA South Pole Guy, TXAR Lajitas Array, DBIC Dimbokro, BOSB Boshof, TORD Torodi Arr, PDAR Pinedale Array, NVAR Mina Array Bea, ELK Elko, YKA Yellowknife Arr, WRA Warramunga Arr, ARCES ARCES Array B, BRVK Borovoye, BVAR Borovoye Array, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array.

CSEM 25 18:54:56.4.0.2, 43.15N:18.73E, h2km, ML2.6, Error ellipse: s-maj=3.5km s-min=2.6km az=106.0

PDG 25 18:54:56.6.0.3, 43.16N:18.73E, h11km, 1km, MD2.7/6, ML2.6/12, Error ellipse: s-maj=0.5km s-min=1.0km az=0.0

BE0 25 18:54:57.6.0.3, 43.10N:18.77E, h0km, M2.4/8, Error ellipse: s-maj=1.0km s-min=0.7km az=18.7

ISC 25 18:54:56.7.0.9, 43.16N:18.71E:0.02, h6km, 8km, n58, c0:95/103, 14C-14D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for UPM Unac-Piva, UPM Unac-Piva, BRY Bratogost, BRY Bratogost, NKY Niksic, NKY Niksic, NKME Niksic, NKME Niksic, PLE Pljevlja, PLE Pljevlja, PLE Pljevlja, CEME Cevo, CEME Cevo, HCY Herceg Novi, HCY Herceg Novi, STON Ston, STON Ston, STON Ston, PDG Podgorica, PDG Podgorica, PDG Podgorica, ITG Lazi#263;i, BBS Lazi#263;i, BBS Lazi#263;i, BUM Brajici-Budva.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BUM Brajici-Budva, BUM Brajici-Budva, BEY Berane, BEY Berane, IVA Sjenica, IVA Sjenica, DRME Dracevica, Mon, DRME Dracevica, Mon, PVY Plav, PVY Plav, PVY Plav, IVAS Ivanjica, IVAS Ivanjica, ULUC Ulcinj, ULUC Ulcinj, DIVS Divibare, DIVS Divibare, DIVS Divibare, DIVS Divibare, TRUS Trudelj, TRUS Trudelj, TRUS Trudelj, GRUS Gruza, GRUS Gruza, SELS Selva, SELS Selva, BLY Banja Luka, BLY Banja Luka, BLY Banja Luka, BLY Banja Luka, FBLS Fruska Gora, FBLS Fruska Gora, FBLS Fruska Gora, BARS Barje, BARS Barje, UDBI Udbina, UDBI Udbina, UDBI Udbina, UDBI Udbina, ZAPS Zavoji, ZAPS Zavoji, PKSM Moragy, PKSM Moragy, NVLJ Novalja, NVLJ Novalja, NVLJ Novalja, NVLJ Novalja, CRES Cresnjev, CRES Cresnjev.

IDC 25 19:01:09.7.2.0, 43.57N:83.56E, h0km, mb4.1/1, mb1 3.4/7, mb1mx3.2/52, mbtmp3.2/7, ML2.6/5, MS3.4/1, Ms1 3.4/1, ms1mx2.6/45, Error ellipse: s-maj=21.6km s-min=15.9km az=109.0

SOME 25 19:01:10.9.4, 43.62N:83.67E, h15km, NNC 25 19:01:15.7.1.9, 43.78N:83.40E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=18.7km s-min=7.4km az=117.0

ISC 25 19:01:12.7.1.4, 43.71N:0.06:83.53E:0.06, h10km, n29, c2505/40, 10C-11D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KTMS Ketmen, KTMS Ketmen, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, DJR Jarkent, DJR Jarkent, PDGK Podgornoye, PDGK Podgornoye, PDGK Podgornoye, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, MAZK Makanchi, MAZK Makanchi, MAZK Makanchi, MAZK Makanchi, UZB Uzunbulak, UZB Uzunbulak, KAPS Kapalarasan, KAPS Kapalarasan, KAPS Kapalarasan, KPKS Kokok, KPKS Kokok, MNBS Baschi, MNBS Baschi, MNBS Baschi, SATY Saty, SATY Saty, ZSN Zaisan, ZSN Zaisan, ARXS Arharly, ARXS Arharly, CHKK Chushlyak, CHKK Chushlyak, CHKK Chushlyak, MDOK Medeo, MDOK Medeo, MDOK Medeo, MDOK Almaty, MDOK Almaty, KNDC Kntokmak 2, KNDC Kntokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa.

25d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AAK, KURBB, OTUK, etc.

GCMT 25 19:02:48.0, 0.2, 55.705S, 124.21W, h24km, 1km, Mw=1.88, Moment Tensor Solution, s56,c78; s88,c134; Duration: 0. Moment tensor. Scale 10^19Nm; Mr=0.30s; 18; Mw=3.19; 2.0; Mw=2.89; 1.5; Mw=1.11; 2.4; Mw=4.46; 1.2; Mw=1.23; 2.3; Best double couple: Mo:65100.0/10^16 Np1:106.000000; s81.000000; -15.000000; NP2: 0s198.000000; s75.000000; -1.171.000000. Principal axes: T: 5.5770, Plg4.000000, Azm153.000000; N: 0.1480, Plg73.000000, Azm256.000000; P: -5.7240, Plg17.000000, Azm62.000000; nstai1 refers to body waves, cutoff=40s. nstac2 refers to surface waves, cutoff=50s.

IDC 25 19:02:50.6, 10.0, 54.40S, 129.40W, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.8/24, mbtmp3.9/2, MS4.1/10, MS1 4.1/10, ms1mx3.9/25 Error ellipse: s-maj=430.7km s-min=107.6km az=125.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RKT, Vnda, TBI, etc.

ISCJB 25 19:15:00.1, 0.3, 8.69S, 0.04:119.30E:0.02, h148km, 4km, mb3.5/4, Error ellipse: s-maj=6.0km s-min=3.9km az=12.8

IDC 25 19:15:01.8, 2.4, 8.61S, 119.33E, h156km, 19km, mb3.2/5, mb1 3.4/9, mb1mx3.2/38, mbtmp3.8/9, MS3.7/1, Ms1 3.7/1, ms1mx2.7/14, Error ellipse: s-maj=38.3km s-min=9.9km az=60.0

DJA 25 19:15:01.9, 0.4, 9.53S, 111.9E, h120km, 6km, M4.2/16, mb5.2/1, mb4.1/3, MLV4.2/16, Mw(mv)4.6/1

ISC 25 19:15:00.9, 0.7, 8.69S, 0.04:119.30E:0.03, h147km, 7km, n30, r131/45, mb3.7/4, Flores region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DBNI, WSI, BASI, etc.

2011 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA, WRA, ASAR, etc.

IDC 25 19:47:17.2, 6.2, 19.01N:145.17E, h270km, 62km, mb2.9/7, mb1 3.1/8, mb1mx2.9/35, mbtmp3.5/8, Error ellipse: s-maj=33.9km s-min=16.8km az=96.0, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MJR, WRA, ASAR, etc.

WEL 25 19:48:19.8, 1.1, 47.42S:165.51E, h33km, ML3.5/7, 1C-4D, Error ellipse: s-maj=11.6km s-min=7.1km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PYZ, APZ, WHZ, etc.

DDA 25 20:22:44.8, 37.95N:29.08E, h7km, Md2.8 CSEM 25 20:22:45.6, 0.3, 37.92N:29.11E, h2km, MD2.6, Error ellipse: s-maj=6.6km s-min=5.1km az=18.0

ISK 25 20:22:45.4, 37.86N:29.06E, h3km, MD2.6 ISC 25 20:22:45.1, 1.1, 37.92N:0.03:29.01E:0.05, h5km, 11km, n21, r107/36, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like UZZ, DENT, KHAL, etc.

IDC 25 20:46:48.6, 1.1, 5.62S: 131.22E, h38km, 7km, mb3.2/3, mb1 3.6/7, mb1mx3.4/29, mbtmp3.6/7, ML3.7/4, MS3.6/1, Ms1 3.6/1, ms1mx2.7/20, Error ellipse: s-maj=69.4km s-min=11.3km az=80.0

ISC 25 20:46:48.1, 0.8, 5.55S:0.06:131.3E:0.2, h35km, n8, r159/13, mb3.6/3, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SUJI, FITZ, WRA, etc.

MEX 25 20:49:57.0, 0.5, 15.85N:93.60W, h69km, 7km, MD4.1, Near coast of Chiapa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PCIG, PCIG.

1300

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CCIG, CCIG, HUIG, etc.

SKHL 25 20:59:23.5, 0.9, 48.20N:155.37E, h48km, 5km, mb4.0/1 MOS 25 20:59:24.0, 1.8, 48.50N:154.77E, h50km, mb4.0/2, Error ellipse: s-maj=26.6km s-min=7.3km az=67.0

KRSC 25 20:59:26.3, 1.7, 48.68N:156.35E, h6km, 19km, ML4.3 IDC 25 20:59:29.5, 3.3, 48.68N:154.71E, h81km, 29km, mb3.0/4, mb1 3.4/6, mb1mx3.1/58, mbtmp3.5/6, MS2.9/2, Ms1 2.9/2, ms1mx2.6/27, Error ellipse: s-maj=42.5km s-min=18.8km az=143.0

ISC 25 20:59:24.5, 0.9, 48.3N:0.1:155.5E:0.1, h36km, n40, r174/42, mb3.4/5, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SKR, SKR, SKR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RUS, RUS, RUS, etc.

MA2 25 21:02:00.0, 1.0, 7.96N:137.91E, h0km, mb3.5/3, mb1 3.6/3, mb1mx3.3/49, mbtmp3.5/3, Error ellipse: s-maj=270.4km s-min=27.4km az=76.0, Western Caroline Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MA2, H1N2, H1N1, etc.

IDC 25 21:06:43.7, 1.7, 43.92N:105.41W, h0km, mb1 3.5/3, mb1mx3.2/53, mbtmp3.2/3, ML2.9/2, Error ellipse: s-maj=47.4km s-min=9.1km az=148.0

ISCJB 25 21:06:44.2, 0.4, 44.01N:0.03:105.28W:0.04, h0km, Error ellipse: s-maj=6.6km s-min=6.0km az=14.0

NEIC 25 21:06:45.7, 0.6, 43.97N:105.28W, h0km, ML3.5, Error ellipse: s-maj=8.9km s-min=6.9km az=211.0, Suspected Mining explosion.

NEIC 40 km [25 miles] SSE of Gillette. ISC 25 21:06:44.6, 0.7, 43.94N:0.04:105.29W:0.04, h0km, n39, r143/44, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RSSD, K22A, PHWY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Alice Springs, Soron, Pinyon Flats, Lajlas Array, Eielson Array, etc.

NEIC 25 23:39:42.9, 38.845:175.26E, h202km, MG4.1 (WEL), After WEL. WEL 25 23:39:43.0±0.3, 38.845:175.28E, h199km±2km, ML4.1/18, 33C-4D, Error ellipse: s-maj=1.7km s-min=1.2km az=0.0.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including Taurewa, Kakarama, West Tongariro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Tintock, Kapiti Island, Te Karaka, etc.

ISC/JB 25 23:49:17.0±0.6, 37.04N:0°04:35.65E:0.04, h12km±5km, Error ellipse: s-maj=7.8km s-min=4.5km az=24.4. DDA 25 23:49:16.1, 36.99N:35.66E, h7km, Md2.6. ISK 25 23:49:16.5, 37.10N:35.67E, h5km, Md2.6. CSEM 25 23:49:17.1±0.1, 37.11N:35.69E, h5km, Md2.6, Error ellipse: s-maj=4.5km s-min=2.3km az=31.0. ISC 25 23:49:16.6±1.1, 37.08N:0°04:35.65E:0.03, h9km±10km, n15, c047/24, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Ceyhan, Adana, Karaisali, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Ambohimanpon, Pallekele, Kilima Mbojo, etc.

Table with columns: MAJO, comp, pmax, pmax, and various station names like MAT Matsushiro, MJAR Matsushiro Arr, MJAR MJAR, etc.

Table with columns: NEW Newport, 150.19 6 P, PKPbc, 00 17 21.3 +0.2, and various station names like F31A Hecla, H34A Spelman Lake, E28A Huff, etc.

Table with columns: J08A Circle Bar Ran, 155.13 10 ePKPab, PKPab, 00 17 47.8 +0.4, and various station names like PD31 Pinedale Array, PDAR Pinedale Array, etc.

Table with columns: IDC 25 23:58:55.4, 4.3, 939S, 135.35E, h0km, mb3.7/1, and various station names like WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: IDC 26 00:09:53.4, 2.0, 2.54N, 127.22E, h0km, mb3.6/4, and various station names like WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: MEX 26 00:11:28.6, 0.3, 31.05N, 115.58W, h32km, 5km, MD4.1, and various station names like WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: IDC 26 00:11:32.0, 1.8, 31.67N, 115.28W, h0km, mb3.4/1, and various station names like SPIG San Pedro Mart, SPIG San Pedro Mart, etc.

Table with columns: IDC 26 00:11:28.4, 1.1, 31.29N, 115.64W, 0.02, h1km, 9km, and various station names like SPIG San Pedro Mart, SPIG San Pedro Mart, etc.

Table with columns: IDC 26 00:11:28.4, 1.1, 31.29N, 115.64W, 0.02, h1km, 9km, and various station names like SPIG San Pedro Mart, SPIG San Pedro Mart, etc.

Table with columns: IDC 26 00:11:28.4, 1.1, 31.29N, 115.64W, 0.02, h1km, 9km, and various station names like SPIG San Pedro Mart, SPIG San Pedro Mart, etc.

Table with columns: IDC 26 00:11:28.4, 1.1, 31.29N, 115.64W, 0.02, h1km, 9km, and various station names like SPIG San Pedro Mart, SPIG San Pedro Mart, etc.

Table with columns: IDC 26 00:11:28.4, 1.1, 31.29N, 115.64W, 0.02, h1km, 9km, and various station names like SPIG San Pedro Mart, SPIG San Pedro Mart, etc.

26d Oh

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like CIS, PDMCI, BFSC, etc.

ISC 26 00:14:32.2, 35.39N:27.72E, h5km, ML2.9
CSEM 26 00:14:34.0, 34.3, 40N:27.86E, h10km, MD3.6, Error ellipse: s-maj=1.1km s-min=0.4, 5km az=148.0
ATH 26 00:14:34.0, 35.40N:27.77E, h26km, 1km, MD3.6/26
DDA 26 00:14:35.6, 35.59N:27.35E, h14km, MD3.2
ISC 26 00:14:34.1, 1.5, 35.44N:0.06:27.82E:0.04, h9km:11km, n74, c0.95/86, Dodecanese Islands

2011 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like NIS1, ZKR, TUR, etc.

ISC 26 00:19:54.1, 1.6, 20.69S:168.42E, h0km, mb4.0/6, mb1 4.3/7, mb1mx4.1/27, mbtm4.0/7, ML3.8/1, MS3.4/2, Ms1 3.4/2, ms1mx3.0/29, Error ellipse: s-maj=70.7km s-min=20.6km az=146.0
ISC 26 00:19:56.9, 1.8, 21.10S:0.4:168.5E:0.3, h26km, n15, c18.1/15, mb4.0/6, 3C-1D, Loyally Islands

GUC 26 00:20:18.9, 0.3, 34.01S:72.52W, h37km, 6km, ML3.0
SJA 26 00:20:46.2, 0.6, 32.30S:70.90W, h10km, ML2.3, MW2.7
ISC 26 00:20:19.6, 3.5, 34.17S:0.08:72.5W:0.2, h22km:16km, n14, c137/17, Near coast of central Chile

1306

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MLZ, WKZ, STKA, etc.

CSEM 26 00:30:49.0, 67.83N:20.20E, h5km, ML1.1, Mining explosion, Sweden

CSEM 26 00:30:53.0, 2.0, 67.82N:20.25E, h2km, ML1.6, Error ellipse: s-maj=6.5km s-min=5.1km az=135.0, Mining explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KUA, LANU, NIKU, etc.

DDA 26 00:49:19.1, 0.40:19N:25.47E, h4km, MD3.1
ISCJB 26 00:49:20.0, 3.0, 5.40:27N:0.02:25.47E:0.02, h4km:4km, Error ellipse: s-maj=3.6km s-min=2.2km az=44.9
ATH 26 00:49:20.6, 40:29N:25.48E, h21km, 1km, MD3.4/28
ISC 26 00:49:20.6, 40:26N:25.5E, h7km, MD3.3
CSEM 26 00:49:21.0, 1.0, 40:26N:25.47E, h8km, MD3.4, Error

ellipse: s-maj=3.3km s-min=2.5km az=13.0
THE 26:00:49:21.4, 40:29N:25:51E, h11km, ML2.7/11, Error
ellipse: s-maj=1.0km s-min=0.5km az=69.0
SOF 26:00:49:25.0, 40:53N:25:14E, h5km
ISC 26:00:49:20.8, 1, 40:27N:02:25:47E, 0.01, h8km, 6km,
n123, 0.068/172, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like SMTH, LIA, BOZC, ALN, ERIK, etc.

Table with columns: JMB, Yambol, 2.35 20, Pg, 00 50 04.6 -1.3. Lists stations like GRG, DST, VLL, etc.

IDC 26:01:12:10.3, 1.3, 9:43N:127:28E, h0km, mb3.8/5,
mb1.4/0.6, mb1mx3.7/40, mbmt3.9/6, ML4.3/1, Error
ellipse: s-maj=5.7km s-min=2.1km az=73.0
ISCJB 26:01:12:11.3, 2.5, 9:24N:0:06:126:91E:0.05, h11km, 16km,
mb3.8/5, Error ellipse: s-maj=10.7km s-min=8.7km
az=22.8

MAN 26:01:12:13.9, 0.04N:126:69E, h1km, mb4.6, ML3.5, MS3.4
ISC 26:01:12:12.0, 2.3, 9:26N:0:06:126:79E:0.08, h6km, 13km,
n12, 0.067/18, mb3.9/5, 1C, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BUTP, SCPH, MSLP, etc.

MEX 26:01:15:22.4, 0.9, 18:01N:99:85W, h51km, 7km, MD3.6,
Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MEIG, PLIG, ARIG, etc.

FUNV 26:01:17:59.9, 11:53N:61:62W, h19km, MW2.5
ISCJB 26:01:18:03.2, 0.8, 11:50N:0:04:61:80W:0.05, h28km, 8km,
Error ellipse: s-maj=8.2km s-min=5.4km az=28.5
TRN 26:01:18:03.4, 11:54N:61:71W, h25km, MD3.2
ISC 26:01:18:03.0, 1.4, 11:50N:0:04:61:80W:0.05, h2km, 15km,
n14, 0.1935/121, Windward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GRW, GRHS, GRSS, etc.

JMA 26:01:24:37.8, 0.1, 23:15N:121:54E, h2km, 2km
ISCJB 26:01:24:39.5, 0.7, 23:15N:0:04:121:47E:0.04, h23km, 6km,
Error ellipse: s-maj=6.7km s-min=5.8km az=28.8
TRN 26:01:24:40.4, 23:19N:121:37E, h17km, 1km, ML2.5, C
ISC 26:01:24:40.0, 1.1, 23:18N:0:04:121:40E:0.05, h24km, 7km,
n17, 0.044/30, 2C-1D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CHKT, TWF1, EHY, etc.

Table with columns: CHNS, baz=302, 0.80 271, eP, Sn, 01 25 07.7 +0.6. Lists stations like CHN1, SMLT, TYC, etc.

ISCJB 26:01:27:08.1, 0.4, 43:22N:0:02:18:68E:0.03, h3km, 4km,
Error ellipse: s-maj=3.3km s-min=2.5km az=32.5
PDG 26:01:27:09.4, 0.2, 43:17N:18:72E, h11km, MD3.3/7,
ML3.2/12, Error ellipse: s-maj=0.3km s-min=0.5km az=0.0
CSEM 26:01:27:09.2, 0.1, 43:19N:18:74E, h2km, ML3.4/4, Error
ellipse: s-maj=3.3km s-min=2.7km az=65.0
BEO 26:01:27:09.5, 0.3, 43:17N:18:70E, h11km, 3km, M3.2/7
LDG 26:01:27:09.4, 0.1, 43:18N:18:70E, h10km, M3.7/2
Error ellipse: s-maj=2.9km s-min=2.4km az=18.0
PRU 26:01:27:11.6, 43:37N:18:93E, h3km
TIR 26:01:27:19.7, 42:41N:18:35E, h47km, ML3.2
ISC 26:01:27:09.1, 0.8, 43:18N:0:01:18:70E:0.02, h11km, 6km,
n123, 0.1925/190, 37C-4D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like UPM, BRY, BRY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like UPM, BRY, BRY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like STON, STON, STON, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SJSJ, DRME, DRME, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BLY, TIR, TIR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BOLS, BOLS, KUBS, etc.

Table with columns: PAU, PAUZhetka, 2.79 271 PN, Pn, 02 12 08.2 +2.0, etc. Includes stations like PAU, PAUZhetka, MIPR, APacha, etc.

ISCJ 26 02:18:48.6:3.5, 20.245:178.92W, h621km, 45km, mb2.9/6, mb1 3.3/6, mb1mx3.0/2.1, mbtmt3.6/6, Error ellipse: s-maj=120.6km s-min=15.0km az=157.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR, WRA, NVAR, etc.

ISCJ 26 02:39:21.2:1.3, 13.295:166.34E, h0km, mb3.6/6, mb1 3.7/7, mb1mx3.6/3.4, mbtmt3.6/7, ML2.7/1, Error ellipse: s-maj=47.2km s-min=24.8km az=121.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM, STKA, WRA, etc.

ATH 26 02:41:43.4, 40.31N, 25.47E, h24km, 1km, MD2.9/7, ISCJ 26 02:41:44.1, 40.32N, 0.03:25.44E, 0.05, h19km, 7km, Error ellipse: s-maj=6.6km s-min=5.4km az=11.4

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SMTH, LIA, BOZC, etc.

Table with columns: AYVA, Ayvalik, 1.37 136 P, Pb, 02 42 09.5 -0.1, etc. Includes stations like AYVA, NVR, NVR, etc.

ISCJ 26 02:48:31.5:1.0, 40.30N, 0.03:25.51E, 0.04, h8km, 7km, Error ellipse: s-maj=5.4km s-min=4.4km az=43.4

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SMTH, LIA, BOZC, etc.

ISCJ 26 02:52:52.1:1.4, 6.15S, 0.2:154.5E, 0.2, h61km, mb3.5/5, Error ellipse: s-maj=43.2km s-min=11.9km az=141.7

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG, WRA, ASAR, etc.

ISCJ 26 02:55:06.3:0.7, 50.09S, 114.34W, h0km, mb4.3/10, mb1 4.4/10, mb1mx4.2/2.5, mbtmt4.2/10, MS4.3/16, Ms1 4.3/16, ms1mx4.1/2.8, Error ellipse: s-maj=35.9km s-min=18.4km az=152.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DZM, STKA, WRA, etc.

ISCJ 26 02:55:07.6:0.4, 50.07S, 114.32W, h10km, mb4.6/5, Error ellipse: s-maj=20.3km s-min=11.6km az=151.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PMSA, RKT, RKT, etc.

Table with columns: LVC, Limon Verde, 44.81 70 eP, P, 03 05 21.8 +0.1, etc. Includes stations like LVC, CPUP, CPUP, etc.

CSEM 26 03:13:39.4:0.2, 43.78N, 20.73E, h2km, ML2.3, Error ellipse: s-maj=3.7km s-min=3.1km az=17.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like GRUS, GRUS, GRUS, etc.

BEO 26 03:14:20.2:0.2, 43.79N, 20.72E, h4km, 3km, M2.3/1, 10C-SD, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ATPC, ATPC, BADI, etc.

CSEM 26 03:13:39.4:0.2, 43.78N, 20.73E, h2km, ML2.3, Error ellipse: s-maj=3.7km s-min=3.1km az=17.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like GRUS, GRUS, GRUS, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BBLs, Lazik#263;1, TEKS, Tekeris, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CCHI, Chillan, CCHI, Los Niches, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KAPS, DJR, DJR, Berezinski, etc.

IDC 26 04:18:53.7, 1.0, 42.17N, 69.35E, h3km, mb3.8/6, m1 3.8/11, mb1mx3.5/8, mbmp3.7/11, ML3.3/5, MS4.0/3, Ms1 4.1/3, ms1mx3.1/5.9, Error ellipse: s-maj=17.3km s-min=10.8km az=173.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MK31, Makanchi Array, etc.

PGC 26 03:27:20.1±0.0, 59.59N, 138.82W, h1km, ML2.4/6, 50km Ene of Yakutat, Ak Southeastern Alaska, Southeastern

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PNL, Peninsula, PNL, Pinnacle, etc.

Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CHM, Chiment, CHM, luzhnyy, etc.

Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KURK, Kurchatov, KURK, Zerenka, etc.

WEL 26 03:35:59.3±0.1, 43.57S, 171.92E, h3km, ML3.5/13, 3C-3D, Error ellipse: s-maj=0.8km s-min=0.7km az=0.0, South Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like OXF, Oxford, CRZL, Canterbury Las, etc.

Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AAK, A-Archa, AAK, 3.7a, 0.5s, etc.

Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AKTO, Aktubinsk, AKTO, Aktubinsk, etc.

CASC 26 03:47:46.8±1.6, 12.34N, 87.59W, h52km±22km, MD3.5, ML2.4, 1D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CRIN, San Cristobal, CRIN, Telica 3, etc.

Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ARXS, Arharly, ARXS, Kuram, etc.

Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SIJI, Sorong, SIJI, Kappang, etc.

MEX 26 03:58:23.0±0.5, 22.88N, 109.68W, h15km, MD3.6, Off west coast of Baja California

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SLBS, Sierra La Lagu, SLBS, La Paz, etc.

Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like UZB, Uzunbulak, UZB, Uzunbulak, etc.

Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like USRK, Ussuriysk, PALK, Palko, etc.

GUC 26 03:59:38.9±0.4, 35.54S, 72.42W, h36km±2km, ML3.7, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KAPS, Kapalaras, KAPS, Kapalaras, etc.

Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like UZB, Uzunbulak, UZB, Uzunbulak, etc.

Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KURB, Kurchatov, KURB, Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include BVAR Borovoye Array, ILAR Eielson Array, ARCES ARCES Array B, RES Resolute Bay, YKA Yellowknife Arr, TORD Torodi Ar. Bea.

KRSC 26 04:48:45.9:1.2,53.97N:161.49E,h40km,18km,ML3.8, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SPN Mys Shipunski, KZV Kizimen, NLC Nalychtchevo, SMAR Somma, UGLR Uglivaya, AVH Avacha, KRX Arik, KOK Koryaka, KMNr Kamenistaya, PET Petropavlovsk, BZMR Bezymyannaya, BZWR Bezymyanni-We, ZLN Zelena, KIRR Kirishev, GNL Ganaly, KPT Kopyto, CIRR Tsrir, KZJ Koznyevsk, KRST Krestovskiy, RUS Ruskaya, KBTR Krutoberegovo, KLY Klyuchi, ESO Esso, SDR Sredinyan, BDR Baidarnaya, SMKR Smenkarok, SRKR Sorokina, APC Apacha.

ISCJB 26 04:55:37.1:0.4,3.31N,0.05E:128.54E:0.07,h45km, mb4.1/18,MS3.3/7, Error ellipse: s-maj=11.1km s-min=6.1km az=159.6 NEIC 26 04:55:37.2:0.4,3.39N:128.84E,h35km,mb4.0/2, Error ellipse: s-maj=18.3km s-min=6.9km az=78.0 IDC 26 04:55:42.7:2.0,3.24N:128.74E,h85km,19km,mb3.8/14, mb1.3/9.15,mb1mx3.7/46,mbtmp4.1/15,MS3.3/9, Ms1.3/4.9,ms1mx3.2/42, Error ellipse: s-maj=32.9km s-min=9.2km az=70.0 DJA 26 04:55:56.0:0.7,2.1N:6.12E,h93km,17km,M4.5/2, mb35.2/11,mb3.5/12,Mw1.6/4.5/1, ISC 26 04:55:38.8:0.6,3.27N:0.08E:128.55E:0.1,h45km,n35, s=1541/29,mb4.0/18,MS3.3/7, North of Halmahera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include NTI Ternate, TNTI Ternate, LBM Labuha, SJI Sorong, SANI Sanana, SANI Sani, GTOI Gorontalo, MRSI Marisa, KAPI Kappang, FITZ Fitzroy Crossi, FITZ Fitz, PMG Port Moresby, LEM Lembang, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga, ASAR Alice Springs, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, MJAR Matsushiro Arr, STKA Stephens Creek, H1S3 WAKE ISLAND Hy 40.29, H1S1 WAKE ISLAND Hy 40.29, H1S2 WAKE ISLAND Hy 40.29, USRK Ussuriysk Arr, ASAJ Asahikawa, SONM Songoing Array, MKAR Makanchi Array, ZALV Zaslavko Beam, AAK Ala-Archa, KURK Kurchatov, KURBB Kurchatov Arr, KKAR Karatay Array, BVAR Borovoye Array, ABKAR Abkabal arr, AKTO Aktyubinsk, ILAR Eielson Array, ARCES ARCES Array B, TORD Torodi Ar. Bea.

IDC 26 04:56:55.5:3.3,4.4N:129.00E,h70km,34km,mb3.7/7, mb1.3/9,mb1mx3.6/44,mbtmp4.0/8,ML4.0/1,MS3.6/1, Ms1.3/5.1,ms1mx2.8/38, Error ellipse: s-maj=58.9km s-min=17.1km az=70.0 ISC 26 04:56:51.8:0.9,3.5N:0.02E:128.9E:0.4,h35km,n8,s=1535/9, mb4.1/7, North of Halmahera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SJI Sorong, WRA Warramunga Arr, ASAR Alice Springs, ASAR Stephens Creek, STKA Stephens Creek, SONM Songoing Array, MKAR Makanchi Array, KURBB Kurchatov Arr, ILAR Eielson Array.

YARS 26 05:00:27.0:3.5,7.63N:0.01x120.17E:0.03,h10km, Southeastern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include KHN Khani, YKLR Yuktali, YKLR Yuktali, CLNS Chul'man, OLMR Olekminsk, IENR Iengra, TBGR Tabaga.

IDC 26 05:10:08.8:0.7,4.272N:111.72W,h0km,mb1.3/3.5, mb1mx3.1/49,mbtmp3.0/5,ML2.9/5, Error ellipse: s-maj=12.6km s-min=5.4km az=162.0 NEIC 26 05:10:11.1,42.42N:111.50W,h6km,ML3.7(SL), After SL.

NEIC Feit [III] at Grace and Preston; [II] at Bern, Lava Hot Springs, Montpelier and Soda Springs. Also left at Bancroft, Downey, Paris, Potatello and Thatcher.

ISC 26 05:10:09.6:0.8,4.254N:0.02-11.58W:0.03,h4km,7km, n132,-1934/127, Eastern Idaho

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include AHID Auburn Hatcher, BEI Bear River Ran, BMUT Black Mountain, MLI Malad Range, HDU Hyde Park, NPI North Pocatello, PTU Portage, HONU Honeyville, WWT Wellsville, REDW Red Top Meadow, MTUT Morton Thiokol, HUI Honey Antel, MCJ Monte Cristo P, SNOW Snow King Moun, SNOW Snow, GZU Grizzly Peak, HUU Hansel Valley, LOHW Long Hollow, MOOW Moose Ponds, BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, FPU Francis Peak, NAUI Northern Antel, FLWY Flagg Ranch, MCD Moose Creek, RBU Red Butte Cany, HRU Hogsback Ridge, SNUT Stansbury Nort, YTP Pitchstone Pla, CTT Camp Tracy, HTU Hoyt Peak, RCJ Ross Creek, MHD Mile High Driv, YMS Mount Sheridan, KLI Kesley, NQJ North Oquirrh, HLQ Hallstone, BGU Big Grassy Mou, LAD Lady, GRD Granite Mounta, YFT Old Faithful, H17A Grant Village, HEB Heber, YTP The Promontory, WYT Western Traver, DCU Deer Creek Res, CWU Camp Williams, DAU Daniels Canyon, YMR Madison River, YPM Purple Mountain, KRW Lake, YHB Horse Butte, YMC Maple Creek, YNR Norris Junction, QLMT Earthquake Lak, HDL Halley, MWU West Mountain, MCMT McKenzie Canyo, DUG Dogway, Tooele, NLU North Lily Min, BGMT Barton Gulch, ARGU Argyle Ridge, DLT Dilton, ROA Roan Cliffs, LEVU Levan, PR1A Preston Nutter, PLMT Red Lodge, BOEM Boom (W), P17A Butcher Ranch, FSU Fish Springs, FLU Fool Peak, SNO Snow College, MFID Camas Rang, TRM Trail Mountain, ELK Elko, ELK Elko, ELK Elko, LRM Limekiln Ridge, LRG Sterling, O2OA White River Cr.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SRU San Rafael Swe, GCMT Greycliff, WCU Willow Creek, K22A Casper, MSU Marysville, HUY Hotel Researc, MMU Miners Mountai, PV09 Paradox Valley, N23A Red Feather La, PV10 Paradox Valley, MSO Missoula, PV04 Paradise Valley, PHWY Pilot Hill, BMM Battle Mountain, BMO Blue Mountains, PV05 Paradox Valley, MSO Snowmass, ANUT Antelope Range, PV01 Paradox Valley, CCUT Cedar City, R11A Troy Canyon, C SWMT Swartz Lake.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include ISCO Idaho Springs, F10A Beach Ranch, E JMTT Jette, EGMT Eggleton, PSD Paradise Hills, BSMT Bassco Peak, MVCO Mesa Verde, S22A AURA Ranch, Cre, NV11 Minn Array Sit, MOD Modoc Plateau, PV01 Minn Array Sit, NV11 Minn Array Bea, NVAR Newarray, NVAR Newarray, NVAR Newarray, SHPR Sheperd, SDCO Great Sand Dun, WALA Waterlon Lakes, WALA Waterlon Lakes, K05A Summer Lake, DOBA Wollman Farm, NEW Newpport, NEW Newpport, NEW Newpport, NEW Newpport, WUAZ Wupatki, WAKR Waker, OGNF Ogapala, OGNF Ogapala, MTUM Tungsten Hills, KSCO Kaye Sheddock, KSCO Kaye Sheddock, TR25 Trinidad, LTY Liberty, PFO Pinyon Flats, ULM Lac du Bonnet, TXAR Lajitas Array, YKA Yellowknife Arr, YKA Yellowknife Arr.

IDC 26 05:32:43.4:1.6,20.62S:168.56E,h0km,mb4.0/9, mb1.4/2/10,mb1mx3.1/29,mbtmp4.1/10,ML4.0/1,MS3.5/5, Ms1.3/5.5,ms1mx3.2/28, Error ellipse: s-maj=59.3km s-min=14.3km az=143.0

ISC 26 05:32:46.4:1.7,20.9S:0.33E:168.60E:0.3,h26km,n12, s=1565/12,mb4.1/8,MS3.4/4, Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, CTA Charta Tower, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, PPT Papeete, CMAR Chiang Mai Arr, SEY Sherman, SONM Songoing Array, NVAR Minn Array Bea, GERES GERE Array B.

IDC 26 05:50:34.8:1.9,20.34S:168.27E,h0km,mb3.5/3, mb1.3/8.4,mb1mx3.6/30,mbtmp3.5/4,ML3.2/1, Error ellipse: s-maj=81.1km s-min=28.6km az=149.0, Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, NVAR Minn Array Bea.

ISCJB 26 05:56:53.0:6.31,24N:0.06:115.64W:0.05, h17km,15km, Error ellipse: s-maj=11.3km s-min=5.6km az=23.0

ECX 26 05:56:54.0:4.0,3.124N:115.65W,h5km,MD3.2,ML3.4, MEX 26 05:56:55.1:0.3,3.108N:115.60W,h2.7km,7km,MD3.7

ISC 26 05:56:53.0:9.31,26N:0.06:115.66W:0.04, h19km,13km,n11,0835/18,2C-7D, Baja California

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include SPIG San Pedro Mart, SPIG San Pedro Mart, SPIG San Pedro Mart, SPIX San Pedro Mart, SPX San Pedro Mart, SPX San Pedro Mart, ECXB El Chintero, ECXB El Chintero.

26d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZAX, EI Zacaton, ECNX, Esteban Cantu, PBX, Punta Banda, CBX, Cerro Bola, etc.

ISC 26 05:57:17.2-0.9, 12.46N; 144.86E, h0km, mb3.6/10, mb1 3.8/10, mb1mx3.7/51, mbtmp3.6/10, MS3.3/2, Ms1 3.3/2, ms1mx2.7/46, Error ellipse: s-maj=33.5km s-min=20.8km az=93.0

ISCJB 26 05:57:22.9-0.1, 12.4N; 0.2-144.9E; 0.2, h38km, mb3.6/10, MS3.2/2, Error ellipse: s-maj=30.5km s-min=17.4km az=3.8

ISC 26 05:57:22.9-0.1, 12.4N; 0.2-144.9E; 0.2, h38km, n11, c1506/11, mb3.6/10, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HNR, Honiara, WRA, Warramunga Arr, WRA, Alice Springs, SONM, Sogingo Array, SONM, Eielson Array, BVAR, Borovoye Array, YKA, Yellowknife Arr, NVAR, Mina Array Bea, FINES, FINESS Array B.

KRNET 26 05:57:24.3-0.1, 39.38N; 73.57E, mb2.0, 8C-6D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BTK, Batken, ARLS, Ara, ARLS, ARK, Arkhit, ARK, AML, Almayashu, UCH, Uchter, MNAS, Manas, EKS2, Erkin-Say, EKS2.

ISCJB 26 06:04:16.1±0.8, 26.8N; 0.1-144.1E; 0.1, h10km, mb3.7/8, MS3.6/1, Error ellipse: s-maj=20.0km s-min=11.7km az=19.8

ISC 26 06:04:16.1±0.1, 26.76N; 143.99E, h0km, mb3.7/8, mb1 3.8/8, mb1mx3.6/62, mbtmp3.7/8, MS3.1/2, Ms1 3.1/2, ms1mx2.7/56, Error ellipse: s-maj=28.0km s-min=19.6km az=56.0

ISC 26 06:04:18.2-1.1, 26.7N; 0.2-143.9E; 0.1, h10km, n10, c0571/10, mb3.8/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JCJ, Chichijima, MJAR, Matsushiro Arr, SONM, Sogingo Array, WRA, Warramunga Arr, ZALV, Zalesovo Beam, ASAR, Alice Springs, MKAR, Makanchi Array, KURBB, Kurchatov Arr, BVAR, Borovoye Array, NVAR, Mina Array Bea.

ISC 26 06:09:06.3-2.0, 2.86N; 127.62E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/47, mbtmp3.7/4, Error ellipse: s-maj=155.6km s-min=25.2km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA, Warramunga Arr, ASAR, Alice Springs, STKA, Stephens Creek, MKAR, Makanchi Array.

ISC 26 06:09:14.8-2.1, 0.572N; 25.95W, h0km, mb3.8/1, mb1 3.8/1, mb1mx3.5/25, mbtmp3.8/1, Error ellipse: s-maj=1346.0km s-min=171.6km az=141.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TORD, Torodi Ar, YKA, Yellowknife Arr, ILAR, Eielson Array.

ISC 26 06:30:46.0-1.6, 2.96N; 127.74E, h0km, mb3.4/3,

2011 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like mb1 3.7/4, mb1mx3.4/47, mbtmp3.5/4, ML3.4/1, MS3.6/1, mb1 3.6/1, ms1mx2.6/27, Error ellipse: s-maj=92.0km s-min=22.9km az=63.0, Northern Molucca Sea

NNC 26 06:30:54.4-8.8, 53.97N; 86.88E, h0km, mb3.6, mpv3/2, Error ellipse: s-maj=80.6km s-min=62.0km az=79.0

ISC 26 06:30:55.4-2.4, 54.17N; 86.43E, h0km, mb1 3.1/2, mb1mx3.0/51, mbtmp3.1/2, ML3.0/2, 5C-1D, Error ellipse: s-maj=19.4km s-min=12.0km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H46RU, ZALESOVO INFRA, ZALV, Zalesovo Beam, ZALV, Kurchatov Arr, KURK, Kurchatov Arr, KURBB, Kurchatov Arr, KURBB, Kurchatov Arr, MK31, Makanchi Array, MK31, Kurchatov Arr, MKAR, Makanchi Array, MKAR.

MEX 26 06:34:02.0-0.4, 16.22N; 97.96W, h16km, 999km, MD3.5, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VHO, Vista Hermosa, TLG, Tlapa, HUIG, Huatulo, HUIG.

MEX 26 06:34:11.1-0.7, 17.17N; 101.24W, h15km, 6km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZIIG, Zihuatanejo, CAIG, El Cayaco, ARIG, Puente Sto Nin, MEIG, Mezcala, PLIG, Platanillo, MMIG, Aquila, YAIG, Yautepac, EZSV, Ezev, R15V, Vista Hermosa.

ISC 26 06:38:41.2-9.1, 16.90N; 101.75W, h0km, mb3.3/2, mb1 3.7/3, mb1mx3.4/27, mbtmp3.3/3, ML3.0/1, Error ellipse: s-maj=210.7km s-min=111.0km az=102.0

MEX 26 06:38:46.3-0.5, 18.15N; 102.00W, h2km, MD4.1, MEX4.2, NEIC 26 06:38:46.3, 18.15N; 102.00W, h2km, MD4.2(MX), After MEX.

ISC 26 06:38:43.9-1.3, 18.12N; 100.05E; 102.01W; 0.03, h29km, 14km, n23, c065/40, Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZIIG, Zihuatanejo, ZIIG, Zihuatanejo, MMIG, Aquila, ARIG, Puente Sto Nin, MOIG, Morelia, MOIG, Morelia, MOIG, Morelia, CAIG, El Cayaco, CAIG, El Cayaco, EZSV, Ezev, R15V, Vista Hermosa, MEIG, Mezcala, MEIG, Mezcala, PLIG, Platanillo, PLIG, Platanillo, YAIG, Yautepac, YAIG, Yautepac, YAIG, Yautepac, TLG, Tlapa, VHO, Vista Hermosa, VHO, Vista Hermosa, TXAR, Lajitas Array, NVAR, Mina Array Bea, ILAR, Eielson Array.

ISC 26 06:59:13.6-1.5, 2.91N; 127.70E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/47, mbtmp3.7/5, ML3.6/1, Error ellipse: s-maj=93.0km s-min=22.1km az=62.0, Northern Molucca Sea

1312

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIJI, Sorong, WRA, Warramunga Arr, ASAR, Alice Springs, STKA, Stephens Creek, MKAR, Makanchi Array.

ISCJB 26 07:08:46.1±0.3, 59.84N; 0.02E; 152.95W; 0.06, h131km, 3km, mb4.0/1, Error ellipse: s-maj=5.1km az=28.2

IDC 26 07:08:46.8-1.6, 59.90N; 152.91W, h78km, 90km, mb3.8/1, mb1 3.6/6, mb1mx3.2/71, mbtmp3.7/6, Error ellipse: s-maj=29.3km s-min=10.1km az=110.0

NEIC 26 07:08:48.2, 59.83N; 152.99W, h124km, MG2.9(AEIC), After AEIC.

ISC 26 07:08:47.5-1.0, 59.83N; 0.03E; 152.94W; 0.04, h127km, 6km, n80, c104/90, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILS, Iliamna Low, OPT, Oil Point, ILW, Iliamna West, AUL, Augustine Lava, AUL, Augustine West, AUI, Augustine Isla, RSO, Redoubt South, RSO, Redoubt East, REF, Homer, RDJH, Redoubt Jeurge, RDJH, Drift River, CNPM, China Pool, CNPM, McNeil River, BRD, Cape Douglas, BRK, Bradley Lake, FOSS, Fourpeaked Sta, FOPK, Fourpeaked Vol, CKL, Chachakama La, SPCR, Spurr Chakacha, CKN, Chachakatia No Spurr Blockage, IGL, Barrier Glacier, CRP, Crater Peak, CRP, Skilak Lake, KAWK, Katmai Hardscr, KAWK, Katmai Rainbow, KAWH, Katmai, STLK, Strandline Lak, SEW, Seward, SWVZ, Sparrevohn, SWVZ, Katmai Vly 10, FIB, Fire Island, KABR, Katmai Barrier, KELA, Mount Katmai, R01, Rabbit Creek A, RC01, Kodiak Island, KDAK, Kodiak Island, KDAA, Katmai, CNCT, Contact Creek, PWL, Port Wells, PWR, Palmer, OHAK, Old Harbor, OHAK, CUT, Chulitna, SML, Samwell, PMLA, Purkypyle, PPLA, Jack Peak, JPK, Jack Peak, SCS, Sheep Creek Mo, TCM, Talatina, TTA, Talatina, VLDZ, Valdez, CAST, Castle Rocks, EYAK, Cordova Ski Ar, DIV, Divide, KLU, Klutina, TRV, Thorofare Moun, KTH, Kantishna Hill, CHUM, Lake Minchumina, RND, Reindeer, DHY, Denali Highway, MCK, McKinley, Bear Paw Mtn, PAX, Paxson, WRH, Wood River Hill, MLY, Manley, KIAG, Kiagna River, SALB, Baldy, CCB, Clear Creek Bu, COLA, College, MDM, Murphy Dome, DOT, Dot Lake, IL1, Eielson Array, ILAR, Eielson Array, ILAR, Eielson Array.

ISC 26 07:17:43.7-2.4, 29.99N; 34.80E, h0km, mb1 5.2/2, mb1mx2.4/75, mbtmp2.5/2, ML2.4/2, Error ellipse: s-maj=35.7km s-min=7.5km az=86.0, Egypt

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EIL, Eilat, EIL, Eilat, EIF, Eilat, ASF, Beaver Creek A, ASF, Coldfoot, DAWY, Dawn Mountain, BM3, Burnett Mountain, DLBC, Dease Lake, YKA, Yellowknife Arr, PETK, Petropavlovsk, ILAR, Eielson Array, EIL, Eilat, EIF, Eilat, ASF, Beaver Creek A, ASF, Coldfoot, DAWY, Dawn Mountain, BM3, Burnett Mountain, DLBC, Dease Lake, YKA, Yellowknife Arr, PETK, Petropavlovsk, ILAR, Eielson Array.

26d 8h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KBL, TKM2, AAK, AAL, etc.

2011 JAN

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like OBN, BRTR, AKASG, etc.

1314

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PMG, PAB, RABL, etc.

26d 8h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KURK, KURKB, KURBB, etc.

2011 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YBH, YBK, YBH, WDC, etc.

1316

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like R11A, BC3, IRM, etc.

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Alt, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100. Includes rows for P30A, F35A, Q30A, S30A, U30A, R30A, H31A, X30A, Y30A, ULM, A32A, 330A, K31A, L31A, B32A, P31A, BRTR, G32A, R31A, T31A, AKASG, AKASG, Y31A, V31A, W31A, J32A, H32A, AGMN, X31A, K32A, I32A, A33A, 231A, L32A, BGNE, C32A, Q32A, R32A, Q33A, H33A, E33A, T32A, ABTX, V32A, J33A, B34A, JCT, JCT, JCT, ECSD, D34A, C34A, M33A, N33A, Q33A, R33A, E34A, G34A, H34A, F34A, 133A, 134A, U33A, R33A, X33A, 233A, 433A, M33A, B33A, 633A, E33A, R34A, N34A, D35A.

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Alt, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100. Includes rows for Q34A, F35A, P34A, Q34A, U34A, H34A, X34A, G35A, T34A, KSU1, 134A, L35A, 534A, 234A, 334A, M35A, 434A, D36A, 834A, C36A, 034A, P35A, E36A, F36A, CFR, G36A, U35A, R35A, Q35A, V35A, H36A, S35A, T35A, W35A, 135A, Z35A, I36A, X35A, WHTX, Y35A, D36A, 635A, M36A, 335A, N36A, Q36A, E37A, T36A, R36A, I37A, S36A, SPMN, W36A, J37A, VRI, H37A, V36A, K37A, Z36A, Y36A, TUL1, M37A, 136A, 636A, 236A, 736A, R37A, P37A, O37A, S37A, A37A, T37A, U37A, I38A, MLR, MLR, Y37A, V37A, NB2, NOA, NOA.

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Alt, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100. Includes rows for K38A, J38A, L38A, X37A, C39A, M38A, 637A, DOPR, 237A, N38A, O38A, P38A, R38A, Q38A, U38A, KWP, X38A, S38A, V38A, Z38A, W38A, 138A, 338A, N39A, ARR, O39A, Q39A, HUMR, P39A, S39A, KOLS, KOLS, R39A, CJR, CJR, T39A, Y39A, 139A, 439A, Z39A, 339A, O40A, STHS, STHS, P40A, MIAR, Q40A, DRGR, R40A, S40A, T40A, 340A, OJC, OJC, NIE, NIE, GZR, GZR, LANS, BZS, BZS, VTS, KSP, KSP, DPC, DPC, UPK, UPK, PKSM, VBMS, PVCC, PVCC, SFIN, BRG, BRG, BRG, GOPC, GOPC, PRU, CLL, CLL, CONA, BLO, BLY, KHC, KHC, NKC, NKC, GERES, GERES, GERES, MOA, MOA, OBKA, PLCA, PLCA, CRNS.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Neapolis, Agia Marina, Veliail, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pentalos, Kozani, Metsovo, etc.

ISCJB 26 09:16:28.6:1.0, 60.89N:0.05:29.0E:0.1, h0km, Error ellipse: s-maj=9.5km s-min=4.8km az=135.5

HEL 26 09:16:30.4:0.3, 60.90N:29.02E, h0km, ML1.9, Explosion CSEM 26 09:16:30.4, 60.90N:29.02E, h0km, ML 1.9, Mining explosion.

ISC 26 09:16:31.3:1.9, 60.93N:28.92E, h0km, mb1 3.3/3, mb1mx3.0/4.2, mbtmp3.2/3, ML2.8/3, Error ellipse: s-maj=18.6km s-min=11.9km az=173.0

ISC 26 09:16:29.6:1.4, 60.88N:0.07:28.96E:0.06, h0km, n20, c084/36, Finland-Karelia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Virojoki, FINESS Array S, FINESS Array B, etc.

ISCJB 26 09:30:01.2:1.3, 33.86S:0.04:72.23W:0.09, h8km, 10km, Error ellipse: s-maj=12.5km s-min=7.3km az=5.1

GUC 26 09:30:01.0:0.4, 33.89S:72.10W, h1km, 2km, ML3.5 SJA 26 09:30:26.0:4.0, 33.28S:70.63W, h33km, ML2.8, MW3.7

ISC 26 09:30:02.7:1.9, 33.90S:0.04:72.03W:0.09, h2km, 13km, n20, c055/25, 1D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pichilemu, Peldehue, Uspallata, etc.

JMA 26 09:56:09.4:0.2, 24.44N:121.73E, h52km, 3km, M3.0 ISCJB 26 09:56:10.1:0.4, 24.46N:0.03:121.75E:0.02, h54km, 4km, Error ellipse: s-maj=4.7km s-min=2.3km az=150.4

TAP 26 09:56:10.3, 24.50N:121.68E, h53km, ML3.8, A ISC 26 09:56:10.7:1.2, 24.46N:0.03:121.74E:0.02, h50km, 6km, n54, c084/95, 2C-1D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ENA Nanau, TWC baz=141, ENT Tachien, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kerkira, Litokhoron, Valandovo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARNB, AYKD, SURC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VAY, THL, DSH, etc.

GUC 26 10:43:27.6-0.3,2146S:68.44W,h149km,2.3km,ML3.5, 3C-1D, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB01, PB07, PB06, etc.

MATU 26 11:03:33.1,40.71N:20.48E,h12km,M1.9,ML2.6 THE 26 11:03:34.7,40.74N:20.42E,h15km,ML3.0,3,Error ellipse: s-maj=1.2km s-min=0.8km az=290.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OHR, NEST, FNA, etc.

PGC 26 11:10:55.9-0.3,59.60N:138.83W,h1km,ML2.1,3,50km Ene of Yakutat, Alaska Southern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PNL, PCA, YUK7, etc.

NSSC 26 10:56:23.5-0.7,36.38N:37.10E,h10km,5km,MD0.9, ML1.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DRWC, BTCH, etc.

ATH 26 11:03:36.4,40.74N:20.79E,h20km,1km,MD3.3/3 CSEM 26 11:03:37.3-0.2,40.70N:20.82E,h5km,MD3.3,Error ellipse: s-maj=5.5km s-min=3.7km az=74.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KZN, KZR, etc.

SKO 26 11:11:13.2-0.5,40.70N:20.75E,h7km,1km,ML3.4/13, Error ellipse: s-maj=0.6km s-min=1.0km az=0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OHR, NEST, etc.

ISC 26 10:56:23.8-0.8,36.33N:37.05E,h7km,Md2.9,Suspected Mining explosion.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DRWC, BTCH, YAYL, etc.

BEO 26 11:03:44.3-1.0,41.00N:20.66E,h27km,M2.3/3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKO, KZN, etc.

ISC 26 11:03:36.0-1.1,40.77N:20.74E,h4km,2.3km,n95,+0.992/120,Greece-Albania border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OHR, NEST, etc.

JAN	Janina	1.07 174	ePB	Pg	11 11 32.2 -1.2	PVO	Paravola	2.19 163	ePn	Pb	11 11 51.9 -1.1	ALN	Alexandroupoli	4.05 86	ePn	Pn	11 12 16.0 +0.6
JAN	Janina	1.07 174	eSN	Pg	11 11 49.8 +0.3	PVO	Paravola	2.19 163	eSn	Sb	11 12 19.8 -0.5	ALN	Alexandroupoli	4.05 86	ePn	Pn	11 12 16.0 +0.6
JAN	Janina	1.07 174	P	Sg	11 11 32.1 -1.3	BEY	Berane	2.23 344	ePn	Pb	11 11 51.8 +1.3	MDVR	Moldovita	4.12 101	P	Pn	11 12 19.7 +3.3
JAN	Janina	1.07 174	S	Pg	11 11 49.6 +0.1	BEY	Berane	2.23 344	eSn	Sb	11 12 21.1 -0.5	MDVR	Moldovita	4.12 101	P	Pn	11 12 19.7 +3.3
JAN	Janina	1.07 174	eSN	Pg	11 11 32.1 -1.3	IVA	Berane	2.23 344	ePn	Pb	11 11 51.8 +1.3	VLI	Velai	4.36 156	ePn	Pn	11 12 20.8 +1.2
JAN	Janina	1.07 174	eSN	Pg	11 11 49.8 +0.3	IVA	Berane	2.23 344	eSn	Sb	11 12 21.1 -0.5	VLI	Velai	4.36 156	ePn	Pn	11 12 20.8 +1.2
SGD	Sagiada	1.17 198	ePB	Pg	11 11 34.6 -0.7	BARS	Barje	2.25 21	ePn	Pb	11 11 51.4 +0.8	FRGS	Fruska Gora	4.48 352	ePn	Pn	11 12 22.2 +0.9
SGD	Sagiada	1.17 198	eSN	Pg	11 11 53.1 +1.2	BARS	Barje	2.25 21	eSn	Sb	11 12 18.3 -0.4	FRGS	Fruska Gora	4.48 352	ePn	Pn	11 12 22.2 +0.9
SGD	Sagiada	1.17 198	P	Sg	11 11 33.7 -1.6	BARS	Barje	2.25 21	ePn	Pb	11 11 51.4 +0.8	KYTH	Kithira	4.79 157	ePn	Pn	11 12 28.3 +2.7
SGD	Sagiada	1.17 198	S	Pg	11 11 51.4 +0.7	BARS	Barje	2.25 21	eSn	Sb	11 12 18.3 -0.4	KYTH	Kithira	4.79 157	ePn	Pn	11 12 28.3 +2.7
SGD	Sagiada	1.17 198	eSN	Pg	11 11 33.7 -1.6	CEME	Cevo	2.27 324	l/Pn	Pb	11 11 51.6 +0.7	GZR	Gura Zlata	4.91 171	P	Pn	11 12 30.1 +2.5
SGD	Sagiada	1.17 198	eSN	Pg	11 11 54.0 +0.9	CEME	Cevo	2.27 324	l/Pn	Sb	11 12 22.2 +0.2	GZR	Gura Zlata	4.91 171	P	Pn	11 12 30.1 +2.5
SGD	Sagiada	1.17 198	ePB	Sb	11 11 51.4 +0.7	CEME	Cevo	2.27 324	l/Pn	Pb	11 11 51.6 +0.7	BZS	Buzias	4.94 71	P	Pn	11 12 30.1 +2.5
SGD	Sagiada	1.17 198	eSN	Pg	11 11 33.7 -1.6	CEME	Cevo	2.27 324	l/Pn	Sb	11 12 22.2 +0.2	BZS	Buzias	4.94 71	P	Pn	11 12 30.1 +2.5
SGD	Sagiada	1.17 198	eSN	Pg	11 11 54.0 +0.9	CEME	Cevo	2.27 324	l/Pn	Sb	11 12 22.2 +0.2	BZS	Buzias	4.94 71	P	Pn	11 12 30.1 +2.5
IGT	Igoumenitsa	1.22 194	ePn	Pg	11 11 36.4 0.0	XOR	Xorichti	2.34 125	ePB	Pb	11 11 51.6 -0.2	APB	Apeiranthos	5.24 133	ePn	Pn	11 12 32.6 +0.9
IGT	Igoumenitsa	1.22 194	eSN	Pg	11 11 54.7 +1.4	XOR	Xorichti	2.34 125	P	Pn	11 11 51.3 -0.5	APB	Apeiranthos	5.24 133	ePn	Pn	11 12 32.6 +0.9
IGT	Igoumenitsa	1.22 194	P	Sg	11 11 36.4 0.0	XOR	Xorichti	2.34 125	P	Pn	11 11 51.3 -0.5	ANKY	Antikythira Is	5.26 156	ePn	Pn	11 12 33.7 +1.8
IGT	Igoumenitsa	1.22 194	eSN	Pg	11 11 54.7 +1.4	XOR	Xorichti	2.34 125	P	Pn	11 11 51.3 -0.5	ANKY	Antikythira Is	5.26 156	ePn	Pn	11 12 33.7 +1.8
IGT	Igoumenitsa	1.22 194	ePn	Pg	11 11 36.4 0.0	XOR	Xorichti	2.34 125	ePB	Pb	11 11 51.6 -0.2	UDBI	Udbina	5.27 318	i/Pn	Pn	11 12 32.8 +0.6
IGT	Igoumenitsa	1.22 194	eSN	Pg	11 11 54.7 +1.4	XOR	Xorichti	2.34 125	P	Pn	11 11 51.3 -0.5	UDBI	Udbina	5.27 318	i/Pn	Pn	11 12 32.8 +0.6
IGT	Igoumenitsa	1.22 194	eSN	Pg	11 11 36.4 0.0	XOR	Xorichti	2.34 125	P	Pn	11 11 51.3 -0.5	UDBI	Udbina	5.27 318	i/Pn	Pn	11 12 32.8 +0.6
IGT	Igoumenitsa	1.22 194	eSN	Pg	11 11 54.7 +1.4	XOR	Xorichti	2.34 125	P	Pn	11 11 51.3 -0.5	UDBI	Udbina	5.27 318	i/Pn	Pn	11 12 32.8 +0.6
KEK	Kerkira	1.23 215	ePn	Pg	11 11 35.7 -0.7	NEO	Neokhori	2.39 125	ePn	Pb	11 12 23.0 +0.8	UDBI	Udbina	5.27 318	i/Pn	Pn	11 12 32.8 +0.6
KEK	Kerkira	1.23 215	eSN	Pg	11 11 54.2 +0.9	NEO	Neokhori	2.39 125	eSn	Sb	11 12 23.0 +0.8	UDBI	Udbina	5.27 318	i/Pn	Pn	11 12 32.8 +0.6
KEK	Kerkira	1.23 215	P	Sg	11 11 34.3 -2.1	HCY	Herceg Novi	2.40 317	l/Pn	Pb	11 12 26.0 -0.1	VOIR	comp=E, 1.1nm, 0.5s	5.68 33	l/Pn	Pn	11 12 39.6 +1.7
KEK	Kerkira	1.23 215	S	Pg	11 11 53.5 +0.2	HCY	Herceg Novi	2.40 317	l/Pn	Sb	11 12 26.0 -0.1	VOIR	comp=E, 1.1nm, 0.5s	5.68 33	l/Pn	Pn	11 12 39.6 +1.7
KEK	Kerkira	1.23 215	ePn	Pg	11 11 34.3 -2.1	HCY	Herceg Novi	2.40 317	l/Pn	Pb	11 12 26.0 -0.1	PKSM	Moragy	5.69 345	l/Pn	Pn	11 12 39.6 +1.7
KEK	Kerkira	1.23 215	eSN	Pg	11 11 53.5 +0.2	HCY	Herceg Novi	2.40 317	l/Pn	Sb	11 12 26.0 -0.1	PKSM	Moragy	5.69 345	l/Pn	Pn	11 12 39.6 +1.7
KEK	Kerkira	1.23 215	P	Sg	11 11 35.7 -0.7	PAIG	Paliouri	2.41 108	ePn	Pb	11 11 52.7 0.0	MLR	Muntele Rosu	6.12 37	l/Pn	Pn	11 12 45.6 +1.8
KEK	Kerkira	1.23 215	eSN	Pg	11 11 53.5 +0.2	PAIG	Paliouri	2.41 108	eSn	Sb	11 12 22.8 0.0	MLR	Muntele Rosu	6.12 37	l/Pn	Pn	11 12 45.6 +1.8
KEK	Kerkira	1.23 215	ePB	Sb	11 11 54.2 +0.9	PAIG	Paliouri	2.41 108	ePn	Pb	11 12 22.8 0.0	MLR	Muntele Rosu	6.12 37	l/Pn	Pn	11 12 45.6 +1.8
KEK	Kerkira	1.23 215	eSN	Pg	11 11 36.4 0.0	PAIG	Paliouri	2.41 108	eSn	Sb	11 12 22.8 0.0	MLR	Muntele Rosu	6.12 37	l/Pn	Pn	11 12 45.6 +1.8
KEK	Kerkira	1.23 215	eSN	Pg	11 11 54.2 +0.9	PAIG	Paliouri	2.41 108	ePn	Pb	11 12 22.8 0.0	MLR	Muntele Rosu	6.12 37	l/Pn	Pn	11 12 45.6 +1.8
GRG	Griva	1.30 79	ePn	Pg	11 11 37.0 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	VRI	Vrincioara	6.76 38	l/Pn	Pn	11 12 54.2 +1.6
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	eSN	Pg	11 11 54.8 -0.1	NKME	Niksic	2.43 328	l/Pn	Sb	11 12 26.5 -0.7	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG	Griva	1.30 79	P	Sg	11 11 36.9 -0.7	NKME	Niksic	2.43 328	l/Pn	Pb	11 11 54.5 +1.4	SOKA	Soboth	7.24 327	ePn	Pn	11 12 59.9 +0.7
GRG																	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIZT, BORA, BOLV, etc.

ISCJB 26 11:40:02.8±0.8, 10.82N±0.07, 62.39W±0.04, h70km, 9km, Error ellipse: s-maj=11.6km s-min=5.3km az=166.1

FUNVB 26 11:40:03.3, 10.80N±0.07, 62.32W±0.04, h68km, MW2.6

TRN 26 11:40:05.2, 10.84N±0.06, 62.29W±0.04, h63km, MD3.2

ISC 26 11:40:03.3±1.5, 10.80N±0.07, 62.40W±0.04, h68km±12km, n12, c084/21, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUVI, TCE, CRUV, etc.

BUC 26 11:42:31.8±0.2, 46.67N±22.21E, h6km±4km, MD2.6/1, 6D, Error ellipse: s-maj=4.2km s-min=1.1km az=0, Romania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DRGR, BZS, GZR, etc.

BUC 26 11:43:03.0±1.1, 45.97N±25.26E, h2km, MD2.0/3, 6C-2D, Error ellipse: s-maj=9.6km s-min=2.7km az=324.0, Romania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DOPR, VOIR, MLR, etc.

IDC 26 11:50:50.9±2.2, 1.87N, 126.51E, h0km, mb3.2/3, mb1 3.5/3, mb1mx3.3/3, mb1mp3.3/3, Error ellipse: s-maj=182.5km s-min=26.3km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, ASAR, MTN, etc.

IDC 26 12:05:43.6±0.6, 19.03S±168.32E, h0km, mb4.8/22, mb1 5.0/24, mb1mx4.9/35, mb1mp4.8/24, ML4.7/2, MS4.6/24, MS1 4.6/24, ms1mx4.4/40, Error ellipse: s-maj=18.7km s-min=13.6km az=153.0

NEIC 26 12:05:45.7±0.2, 18.89S±168.21E, h10km, mb5.2/32, Error ellipse: s-maj=6.1km s-min=4.8km az=149.0

ISCJB 26 12:05:45.9±0.2, 18.92S±168.18E±0.03, h20km, mb5.1/71, MS4.6/38, Error ellipse: s-maj=5.8km s-min=3.9km az=152.3

GCMT 26 12:05:45.7±0.3, 18.84S±168.01E, h23km±2km, MW5.0/56, Moment tensor Solution: s27.229, s56.677, Duration: 0. Moment tensor: Scale 10^16Nm; M1: 1.96±.21; M2: 0.44±.13; M3: -2.40±.16; M4: 1.00±.24; M5: 0.43±.11; M6: 3.12±.34; Best double couple: M3, 9.58000±10^16 NP1: 163.00000°, 673.00000°, 184.00000°. NP2: 0±4.00000°, 818.00000°, 1110.00000°. Principal axes: T 3.7340, Plg61.0000°, Azm64.0000°; N 0.4440, Plg6.0000°, Azm165.0000°; P -4.1810, Plg28.0000°, Azm258.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BUI 26 12:05:47.0±0.1, 18.76S±168.32E, h25km, mb5.0/59, mb5.3/45, MS5.0/32, MS7.4/29

MOS 26 12:05:48.0±0.8, 18.89S±168.14E, h35km, mb5.4/32, MS4.6/6, Error ellipse: s-maj=9.7km s-min=9.5km az=131.5

ISC 26 12:05:47.2±0.4, 19.01S±168.21E±0.06, h20km, n358, c127/343, mb5.1/71, MS4.7/38, 21C-9D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM, MSFV, HNR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RMQ, AFI, HIZ, URZ, etc.

CTAO Charters Tower 20.72 263 P Pn 12 10 28.2 -0.5

CTAO Charters Tower 20.72 263 P Pn 12 10 28.2 -0.7

TARA Tarawa 20.76 13 eP P 12 10 25.7 -1.2

BKZ Black Stamp Fm 21.33 162 eP P 12 10 34.9 +1.9

PMG Port Moresby 22.50 292 P P 12 10 46.6 +0.9

PMG Port Moresby 22.50 292 P P 12 10 45.6 -0.1

PMG Port Moresby 22.50 292 P P 12 10 47.1 +1.3

PMG Port Moresby 22.50 292 P P 12 10 46.9 +1.2

PMG Port Moresby 22.50 292 P P 12 10 45.7 0.0

MTSU Mount Surprise 22.66 268 P P 12 10 48.4 +1.1

CNB Canberra Magne 23.28 222 P P 12 10 54.8 +1.0

YNG Young 23.29 225 P P 12 10 55.3 +1.5

QLP Quile 23.33 247 P P 12 10 54.7 +0.5

CAN Canberra 23.51 222 eP P 12 10 56.8 +0.7

CAN Canberra 23.51 222 eP P 12 10 56.8 +0.7

CMSA Cobar Meteorol 23.82 234 P P 12 10 59.7 +0.7

COEN Coe-24, SNR=14 24.51 278 P P 12 11 06.9 +0.4

COEN Coe 24.51 278 eP P 12 11 07.3 +1.7

MILA Mila 24.54 219 P P 12 11 07.3 +1.7

MANU Manus Island 26.47 307 eP P 12 11 22.6 -0.7

QIS Mount Isa 26.95 262 P P 12 11 28.0 +0.5

STKA Stephens Creek 27.15 237 P P 12 11 30.0 +0.7

STKA Stephens Creek 27.15 237 eP P 12 11 30.0 +0.7

STKA Stephens Creek 27.15 237 eP P 12 11 30.0 +0.7

STKA Stephens Creek 27.15 237 eP P 12 11 30.0 +0.7

STKA Stephens Creek 27.15 237 eP P 12 11 30.0 +0.7

STKA Stephens Creek 27.15 237 eP P 12 11 30.0 +0.7

STKA Stephens Creek 27.15 237 eP P 12 11 30.0 +0.7

STKA Stephens Creek 27.15 237 eP P 12 11 30.0 +0.7

STKA Stephens Creek 27.15 237 eP P 12 11 30.0 +0.7

STKA Stephens Creek 27.15 237 eP P 12 11 30.0 +0.7

STKA Stephens Creek 27.15 237 eP P 12 11 30.0 +0.7

STKA Stephens Creek 27.15 237 eP P 12 11 30.0 +0.7

STKA Stephens Creek 27.15 237 eP P 12 11 30.0 +0.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAJO, MAT, MJB, etc.

ASAJ Asahikawa 67.05 340 P P 12 16 40.4 +1.5

ASAJ Asahikawa 67.05 340 eP P 12 16 39.2 +0.3

KSRK Korea Array 67.77 326 P P 12 16 47.7 +4.2

KSAR Wonju Array B 67.78 326 P P 12 16 47.7 +4.1

KSAR Wonju Array Be 67.78 326 P P 12 16 47.7 +4.1

QIZ QIZ 68.62 300 P S 12 25 53.8 +2.5

NJ2 Nanjing 69.36 316 eP P 12 16 55.5 +1.8

YSS Yuzh-Sakhalins 69.55 342 P P 12 16 55.3 +0.9

YSS Yuzh-Sakhalins 69.55 342 eP P 12 17 05.5 +1.2

YSS Yuzh-Sakhalins 69.55 342 eP P 12 17 22.0

USRK Petropavlovsk-Ussuriysk Ar. 71.09 333 P P 12 17 05.3 +1.4

PSI Prapat 71.42 280 eP P 12 17 05.6 -1.2

PSI Prapat 71.42 280 eP P 12 17 05.6 -1.2

WHN Wuhuan 72.20 354 eP P 12 17 18.3 +1.1

PET Petropavlovsk 72.25 323 eP P 12 17 18.3 +7.3

PETK Petropavlovsk 72.39 353 P P 12 17 11.6 0.0

PETK Petropavlovsk 72.39 353 P P 12 17 11.6 0.0

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

MDJ Mudanjiang 72.46 332 P S 12 26 38.5 +3.4

26d 12h

2011 JAN

Table with columns for station call letters, name, frequency, and other details. Includes stations like CHTO Chiang Mai, MAW Mawson, CD2 Chengdu, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like PFC Pinyon Flats O, PFO Pinyon Flats O, PFO Umpqua Nationa, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, etc.

GUC 26:12:07.00.6.0.5,39.315:74.04W,h5km,4km,ML3.9,Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Valdivia, Chillan, Hunay, etc.

IDC 26 12:20:34.3-4.4, 237S-152.83E, h0km, mb3.4/2, mb1 3/6/2, mb1mx3.9/31, mbtmp3.6/8, ML4.0/2, MS3.9/2, Ms1 3.9/2, ms1mx3.4/23, Error ellipse: s-maj=201.9km s-min=48.7km az=114.0, New Ireland region

IDC 26 12:18:40.7-0.8, 13.42N-07.91E, 29W-0.04, h1km, 8km, mb3.8/7, MS3.7/2, Error ellipse: s-maj=12.8km s-min=4.4km az=27.2

NEIC 26 12:18:42.8-0.7, 13.57N-91.18W, h35km, mb4.1/3, MD4.1 (MEX), Error ellipse: s-maj=19.7km s-min=8.0km az=218.0

CASC 26 12:18:42.5-1.1, 13.52N-91.10W, h15km, 7km, MD4.1, ML3.8, mb4.1 (NEIC)

MEX 26 12:18:44.9-0.6, 13.53N-91.69W, h6km, 42km, MD4.1, ISC 26 12:18:42.0-3.7, 13.54N-09.91E, 25W-0.06, h2km, 28km, n43, c136/52, mb4.0/7, 1D, Near coast of Guatemala

Main table for 1325 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cusmapa, Ecomontaa, San Blas, etc.

IDC 26 12:20:34.3-4.4, 237S-152.83E, h0km, mb3.4/2, mb1 3/6/2, mb1mx3.9/31, mbtmp3.6/8, ML4.0/2, MS3.9/2, Ms1 3.9/2, ms1mx3.4/23, Error ellipse: s-maj=201.9km s-min=48.7km az=114.0, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, etc.

CASC 26 12:29:34.3-0.9, 13.13N-89.19W, h52km, 144km, MD3.7, ML3.4, 3D, El Salvador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Colinas, Serv Nac Est T, etc.

ISCJB 26 12:31:54.8-0.3, 29.30N-07.03E, 138.39E-0.07, h500km, mb3.8/9, Error ellipse: s-maj=7.7km s-min=4.4km az=6.3

MOS 26 12:31:54.8-0.8, 29.31N-138.29E, h502km, mb3.9/25, Error ellipse: s-maj=15.7km s-min=7.2km az=100.3

JMA 26 12:31:55.2-0.5, 29.45N-138.86E, h535km, M4.2, IDC 26 12:31:56.2-0.9, 29.32N-138.34E, h501km, 10km, mb3.3/28, mb1 3.5/34, mb1mx3.4/51, mbtmp4.2/34, Error ellipse: s-maj=11.8km s-min=7.0km az=94.0

ISC 26 12:31:56.1-0.5, 29.37N-05.138.39E-0.08, h500km, n69, c139/83, mb3.8/39, 8C-2D, Southeast of Honshu

Main table for 2011 JAN with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Hachiojima, Mitsu, Chichijima, etc.

NB2 NORSAR Subarra 80.23 337 P P 12 43 13.0 -1.0

NOA NORSAR Array B 80.23 337 P P 12 43 13.3 -0.6

NVARR Nina Array Bea 81.70 51 P P 12 43 22.9 +0.6

BRTR Keskin Array B 82.00 311 P P 12 43 23.8 +0.1

PDAR Pinedale Array 84.90 53 P P 12 43 38.4 +0.6

TXAR Lajitas Array 96.85 51 P P 12 44 35.8 +0.1

NSSC 26 12:44:11.6-0.5, 29.71N-35.93E, h0km, 107km, ML2.3, ISCJB 26 12:44:15.6-1.3, 29.88N-07.36E, 5E-0.1, h10km, Error ellipse: s-maj=16.5km s-min=4.9km az=36.5

HLW 26 12:44:15.1, 19.92N-36.64E, h15km, 13km, MD2.5, M3.0, CSEM 26 12:44:15.9-0.7, 29.93N-36.34E, h2km, ML2.3, Error ellipse: s-maj=29.5km s-min=6.9km az=121.0

ISC 26 12:44:16.4-1.7, 29.97N-008.36E-0.1, h10km, n17, c126/25, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Basata, HBST, NUB, etc.

IDC 26 12:49:50.4-1.2, 18.97S-168.32E, h0km, mb4.1/9, mb1 4.3/10, mb1mx4.0/42, Error ellipse: s-maj=41.2km s-min=19.5km az=136.0

ISCJB 26 12:49:54.2-1.0, 19.15S-168.3E-0.2, h42km, mb4.1/8, MS3.6/8, Error ellipse: s-maj=27.7km s-min=9.6km az=6.0

ISC 26 12:49:55.9-1.1, 19.15S-168.3E-0.2, h42km, n19, c1508/15, mb4.0/8, MS3.6/8, Vanuatu Islands

Main table for 26d 12h with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mont Dzumac, DZM, etc.

WEL 26 12:52:08.2-0.3, 37.59S-177.26E, h125km, 2km, ML3.6/4, 9C-6D, Error ellipse: s-maj=1.6km s-min=1.4km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Te Kaha, Manawaha, etc.

Code	Station Name	A°	AZ°	Phase	ID	Time	Res	ISC	h	m	s	ISC
GSI	Gunungsitoli	1.15	138	Op	P	15 42 48.5	-1.8	Pn				
GSI	Gunungsitoli	1.15	138	ePn	P	15 43 05.4	+0.1	Pn				
TFTI	Gunungsitoli	1.15	139	P	Pn	15 42 48.4	-1.8	Pn				
MLSI	Meulaboh, Aceh	2.13	349	S	Pn	15 43 09.5	+4.2	Pn				
MLSI	Meulaboh, Aceh	2.13	349	P	Pn	15 43 03.6	-0.2	Pn				
TSI	Tuntungan	2.20	53	P	Pn	15 43 32.9	-0.7	Pn				
PSI	Prapat	2.20	73	Pn	Pn	15 43 07.0	-1.8	Pn				
PSI	Prapat	2.20	73	P	Pn	15 43 05.3	+0.4	Pn				
PSI	Prapat	2.20	73	P	Pn	15 43 05.2	+0.3	Pn				
PSI	Prapat	2.20	73	P	Pn	15 43 05.1	+3.5	Pn				
PSI	Prapat	2.20	73	ePn	Pn	15 43 05.8	+0.8	Pn				
PBSI	Pulau Batu	2.65	146	P	Pn	15 43 09.0	-2.0	Pn				
LHMI	Lhok Sumawe	3.05	3	P	Pn	15 43 17.2	+0.8	Pn				
LHMI	Lhok Sumawe	3.05	3	ePn	Pn	15 43 17.3	+0.8	Pn				
LHMI	Lhok Sumawe	3.05	3	P	Pn	15 43 16.9	+0.5	Pn				
MNSI	Mandailing Nat	3.08	116	P	Pn	15 43 16.7	-0.2	Pn				
PPI	Padang Panjang	4.42	126	P	Pn	15 43 36.6	+1.1	Pn				
PDSI	Padang	4.76	130	P	Pn	15 43 39.6	-0.5	Pn				
IPM	Ipoeh	4.79	61	IP	Pn	15 43 42.3	+1.7	Pn				
IPM	Ipoeh	4.79	61	IP	Pn	15 43 41.8	+1.7	Pn				
IPM	Ipoeh	4.79	61	IP	Pn	15 43 41.5	+1.0	Pn				
FRIM	Kepong	4.92	77	IP	Pn	15 43 44.2	+1.9	Pn				
KULM	Kulim	4.93	51	IP	Pn	15 43 43.8	+1.4	Pn				
KULM	Kulim	4.93	51	IP	Pn	15 43 43.3	+0.9	Pn				
KULM	Kulim	4.93	51	ePn	Pn	15 43 43.0	+0.6	Pn				
SDSI	Sungai Dareh	5.55	124	P	Pn	15 43 52.1	+1.2	Pn				
CMBY	CAMPBELL Bay	5.62	329	eP	Pn	15 43 49.9	-1.8	IAMB				
CMBY	CAMPBELL Bay	5.62	329	IAMB	Pn	15 44 15.4						
PPSI	Pulau Pagai	5.85	147	P	Pn	15 43 57.5	+2.5	Pn				
PKDT	Phuket	5.89	15	P	Pn	15 43 55.0	-0.6	Pn				
RGRI	Rengat	6.06	114	P	Pn	15 44 01.1	+3.3	Pn				
SKLT	Songkhla	6.25	37	P	Pn	15 44 01.1	+0.5	Pn				
SKLT	Songkhla	6.25	37	P	Pn	15 44 01.3	+0.7	Pn				
TRTT	Trang	6.32	27	P	Pn	15 44 02.1	+0.6	Pn				
KRAB	Krabi	6.47	21	P	Pn	15 44 04.7	+1.2	Pn				
BTDF	Bukit Timah Da	7.00	96	P	Pn	15 44 13.6	+2.7	Pn				
BTDF	Bukit Timah Da	7.00	96	P	Pn	15 44 13.8	+2.9	Pn				
BTDF	Bukit Timah Da	7.00	96	P	Pn	15 44 13.4	+2.9	Pn				
SURT	Suratani	7.03	16	P	Pn	15 44 11.3	+0.2	Pn				
MYKOM	Kota Tinggi	7.03	93	IP	Pn	15 44 12.2	+0.7	Pn				
MYKOM	Kota Tinggi	7.04	93	P	Pn	15 44 12.5	+1.1	Pn				
MYKOM	Kota Tinggi	7.04	93	ePn	Pn	15 44 11.6	+0.2	Pn				
MASI	Maura Aman, Be	7.05	134	P	Pn	15 44 19.5	+0.9	Pn				
JMBI	Jambi	7.80	119	P	Pn	15 44 24.2	+2.4	Pn				
TPRI	Tanjung Pinang	7.81	99	P	Pn	15 44 24.1	+2.1	Pn				
LHMI	Lahat	8.97	132	P	Pn	15 44 39.4	+1.6	Pn				
PMBI	Palembang	9.43	122	P	Pn	15 44 45.1	+0.9	Pn				
MDSI	Maura Dua	9.60	132	P	Pn	15 44 49.4	-1.1	Pn				
LWLI	Liwa	10.16	135	P	Pn	15 44 52.8	+1.6	Pn				
PBA	Port Blair	10.26	337	eP	IAMB	15 44 52.8	-2.7	IAMB				
PPBI	Pangkal Pinang	10.26	337	P	Pn	15 44 58.1	+2.4	Pn				
KLI	Kotabaru	10.31	91	P	Pn	15 45 03.3	+2.4	Pn				
KASI	Kota Agung	10.83	135	P	Pn	15 45 00.7	-2.7	Pn				
PHET	Kaeng Krachan	11.02	114	P	Pn	15 45 07.0	+0.8	Pn				
PATY	Pattaya	11.42	20	P	Pn	15 45 12.6	+1.2	Pn				
DGPR	DIGLIPUR	11.60	341	eP	IAMB	15 45 10.7	-3.2	IAMB				
SRDT	SRDT	12.32	11	P	Pn	15 45 24.8	+1.0	Pn				
SRDT	SRDT	12.32	11	P	Pn	15 45 26.1	+2.3	Pn				
SBJI	Serang	12.42	132	P	Pn	15 45 36.7	-0.2	Pn				
CGJI	Cibinong	12.44	135	P	Pn	15 45 27.5	+2.1	Pn				
KHLT	Khaloalem Dam	12.67	8	P	Pn	15 45 28.6	-0.0	Pn				
SRAK	Srakawae	12.86	23	P	Pn	15 45 36.7	-5.0	Pn				
NAYO	Nakonayok	12.87	20	P	Pn	15 45 32.4	+1.1	Pn				
SKJI	Sukabumi	14.00	130	Pn	Pn	15 45 39.3	+1.8	Pn				
KSM	Kuching	13.51	93	P	Pn	15 45 40.5	+0.6	Pn				
KSM	Kuching	13.51	93	P	Pn	15 45 42.8	+2.8	Pn				
KSM	Kuching	13.51	93	ePn	Pn	15 45 40.6	+0.6	Pn				
UTHA	Uthaitani	13.56	11	P	Pn	15 45 41.5	+0.8	Pn				
LEM	Lembang	14.00	130	Pn	Pn	15 45 49.3	+2.3	Pn				
LEM	Lembang	14.00	130	Pn	Pn	15 48 28.3	+6.4	Pn				
LEM	Lembang	14.00	130	Pn	Pn	15 48 28.3	+6.4	Pn				
LEM	Lembang	14.00	130	Pn	Pn	15 45 05.2		Pn				
LEM	Lembang	14.00	130	Pn	Pn	15 45 48.9	+1.9	Pn				
UMPA	Umpang Tak	14.10	8	P	Pn	15 45 46.2	-1.9	Pn				
COCO	West Island	14.26	180	eP	Pn	15 45 49.9	-0.4	Pn				
COCO	West Island	14.26	180	P	Pn	15 45 51.9	+1.6	Pn				
COCO	West Island	14.26	180	ePn	Pn	15 45 49.9	-0.4	Pn				
CHAI	Chaiyaphum	14.57	20	P	Pn	15 45 56.1	+1.5	Pn				
CISI	Cisomet, Garu	14.62	131	P	Pn	15 45 57.1	+1.8	Pn				
CISI	Cisomet, Garu	14.62	131	eP	Pn	15 45 53.8	-1.5	Pn				
STKI	Sintang	14.81	98	P	Pn	15 46 00.2	+2.4	Pn				
PBKT	Sadao Pong	14.89	16	P	Pn	15 46 00.7	+1.9	Pn				
PBKT	Sadao Pong	14.89	16	P	Pn	15 46 01.1	+2.3	Pn				
DLV	T. Lat	15.11	49	eP	Pn	15 46 03.6	+1.6	Pn				
CMJI	Cimerak	15.24	131	P	Pn	15 46 05.7	+2.1	Pn				
KHON	Khomkaen	15.28	22	P	Pn	15 46 06.1	+2.1	Pn				
XMIS	Christmas Isla	15.34	145	ePn	Pn	15 46 01.6	-3.2	Pn				
SBUM	Sibu	15.40	89	P	Pn	15 46 08.0	+2.4	Pn				
SBUM	Sibu	15.40	89	ePn	Pn	15 46 05.8	+0.1	Pn				
SUKH	Sukhothai	15.47	10	P	Pn	15 46 05.6	-0.9	Pn				
UBPT	Khong Chiam	15.58	33	P	Pn	15 46 09.8	+1.8	Pn				
UBPT	Khong Chiam	15.58	33	P	Pn	15 46 10.7	-1.3	Pn				
PBKI	Pangkalan Bun	15.62	108	P	Pn	15 46 11.2	-1.3	Pn				
LOEI	Loei	15.86	16	P	Pn	15 46 12.5	+0.8	Pn				
UTTA	Utтарadi	15.91	13	P	Pn	15 46 11.9	-0.3	Pn				
MHMT	Maesarieng	15.95	4	P	Pn	15 46 11.4	-1.3	Pn				
SKNT	Chiang Mai	16.25	7	ePn	Pn	15 46 16.4	-0.7	Pn				
SKNT	Chiang Mai	16.32	25	P	Pn	15 46 17.5	-0.0	Pn				
CM31	Chiang Mai	16.33	7	ePn	Pn	15 46 16.6	-0.9	Pn				
CMAR	Chiang Mai	16.33	7	Pn	Pn	15 46 17.3	-0.3	Pn				
CMAR	Chiang Mai	16.33	7	Pn	Pn	15 46 17.3	-0.3	Pn				
CMAR	Chiang Mai	16.33	7	Pn	Pn	15 46 17.3	-0.3	Pn				
SMRI	Semarang	16.39	124	P	P	15 46 20.6	-0.5	P				
SMRI	Semarang	16.39	124	ePn	Pn	15 46 20.0	+1.5	Pn				
UWJI	Ujung Watu	16.49	121	P	Pn	15 46 22.0	-0.2	Pn				
LAMP	Lampang	16.49	9	P	Pn	15 46 19.2	-0.4	Pn				
PHRA	Phrae	16.57	11	P	Pn	15 46 19.8	-0.9	Pn				
CHTO	Chiang Mai	16.68	7	P	Pn	15 46 20.9	-1.1	Pn				
CHTO	Chiang Mai	16.68	7	P	Pn	15 46 19.9	-2.1	Pn				
CHTO	Chiang Mai	16.68	7	P	Pn	15 46 20.8	-1.3	Pn				
CHTO	Chiang Mai	16.68	7	P	Pn	15 46 20.8	-1.3	Pn				
CHTO	Chiang Mai	16.68	7	P	Pn	15 46 22.6	+0.6	Pn				
CHTO	Chiang Mai	16.68	7	ePn	Pn	15						

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PET, ISK, AYDB, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TARA, MCGM, MINSK, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like UZH, SIRR, KOLS, etc.

26d 15h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Azimuth, Elevation, etc. Includes stations like M38A Pleasantville, AAM Ann Arbor, P32A Huiting Farm, etc.

2011 JAN

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Azimuth, Elevation, etc. Includes stations like 335A Moody, 434A Burnet, 336A Riesel, etc.

1336

Table with columns: Code, Station Name, Frequency, Mode, Power, Status, Azimuth, Elevation, etc. Includes stations like OTAV Otavalo, ATPC Poggio Castell, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARHZ Aroapanui, HIZ Hauri, BKZ Black Stump Fm, 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 WRA Warramunga Arr, ASAR Alice Springs, MKAR Mankari Array, 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 H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TASMANIA UNIVE, SJIJ Sorong, SJIJ Sorong, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KAPI Sidrap Palu, KEKHA Kekaha, TTSI Tana Toraja, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like YUK comp=N,244nm,1.2s, LEM Lembang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TWB1 Santiao Chiao, TWC Suao, TWE Neicheng, etc.

Table with columns: Code, Station Name, Az, 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, Phase ID, Time, Res, ISC. Includes stations like LANS Liptovska Anna, MOA Molin, STKS Stebnicka Huta, etc.

26d 19h

0.4nm,0.6s,baz=340,slow=9.8,SNR=4.8
MKAR Makanchi Array 62.17 328 P
0.2nm,0.6s,baz=116,slow=6.6,SNR=3.1

YARS 26 18:11:32.8-0.9,68.58N,0.03,129.2E,0.1,h10km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Batagay, Tiksi, Depurtasky, Moma.

IDC 26 18:19:28.5-1.1,22.94N,125.14E,h0km,mb3.7/6,

mb1 3.9/7,mb1mx3.5/44,mbtmp3.7/7,ML3.6/1,Error ellipse: s-maj=5.3km s-min=18.0km az=66.0

ISCJB 26 18:19:31.1-0.7,23.21N,120.42E,0.05,h44km,

mb3.6/6,Error ellipse: s-maj=6.5km s-min=6.2km az=143.9

JMA 26 18:19:31.6-0.2,23.21N,125.30E,h54km,ML3

ISC 26 18:19:31.9-1.2,23.21N,108.125E,0.05,h44km,n22,

e1943/30,mb3.7/6,Southern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Gusukube, Tarama, Miyako jima, Irabujima, Ishigaki jima, Kuro-shima, Hateruma jima, Ishigakijima, Ikemajima, Ionomote-Funau, Yonagunijimaku, Kume jima, Nagotoyohara, Kunigami, Ihey, Matsushiro Arr.

IDC 26 18:27:26.8-1.8,7.53S,126.10E,h0km,mb3.2/1,

mb1 3.5/4,mb1mx3.3/39,mbtmp3.3/4,ML3.2/3,Error ellipse: s-maj=108.5km s-min=26.6km az=69.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Filtzy Crossi, Warramunga Arr, Kurbb Kurchatov Arr, ASAR Alice Springs, BVAR Borovoye Array.

IDC 26 18:50:14.1-5.0,5.94S,127.94E,h412km,79km,mb2.6/1,

mb1 3.0/4,mb1mx2.7/35,mbtmp3.7/4,Error ellipse: s-maj=112.8km s-min=17.6km az=81.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJI Sorong, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 26 18:57:56.3-1.6,17.06S,178.02W,h0km,mb4.1/5,

mb1 4.4/5,mb1mx3.9/36,mbtmp4.1/5,Error ellipse: s-maj=101.6km s-min=24.3km az=149.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, TXAR Lajitas Array.

ISCJB 26 19:11:48.0-0.3,2.03N,127.36E,0.05,h112km,

mb4.3/17,Error ellipse: s-maj=7.2km s-min=5.6km az=172.5

NEIC 26 19:11:49.0-0.9,1.97N,127.42E,h106km,9km,mb4.7/5,

Error ellipse: s-maj=14.1km s-min=7.3km az=81.0

IDC 26 19:11:49.4-1.5,1.99N,127.36E,h107km,13km,mb4.0/15,

mb1 4.1/6,mb1mx3.8/45,mbtmp4.4/16,Error ellipse: s-maj=17.7km s-min=8.4km az=75.0

DJA 26 19:12:00.0-0.3,1.1N,127.7E,h10km,M4.5/11,mb4.8/1,

mb4.9/2,MLV4.2/11,MW(MB)4.1/1

ISC 26 19:11:49.8-0.6,2.00N,127.24E,0.07,h112km,n42,

e124/43,mb4.4/17,1C,Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, TXAR Lajitas Array.

2011 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GAMI Galeta, Maluku, TNTI Ternate, SGI Sangihe, KMSI Cibinong, SANI Sanana, GORONTALO Gorontalo, STJI Sitoron, SIJI, NLAJ Davao City-Mi, DMPH Luwuk, LUWI Luwuk, KRUI Marisa, MRSI Tana Toraja, SPSI Sidrap Palu, KAPI Kappang, FITZ Filtzy Crossi, WRAB Tennant Creek, WRA Warramunga Arr, WRA, ASAR Alice Springs, ASAR, KSAR Wonju Array, KRSR Korea Arr, MAT Matsushiro, MJAR Matsushiro Arr, NWAO Narrogin (SRO), STRK Stephens Creek, USKA Ussuriysk Arr, ASAJ Asahikawa, ULN Ulanbaatar, SONM Songino Array, PETM Petropavlovsk, MKAR Makanchi Array, KURBB Kurchatov Arr, KURK Kurchatov, BVAR Borovoye Array, GYAT Alibeck, SYO Symba Base.

DJA 26 19:12:32.5-0.4,9.5S,108E,h10km,M4.1/18, MLV4.1/18, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMJI Cimerak, CJI Cismung Garu, SCJI Gunung Sandili, CNJI Cibinong, LEM Lembang, SKJI Sukabumi, UGM Wanagama, SMRI Semarang, TNG Tangerang, WOCI Wonogiri, PCI Pacitan, CGJI Cibinong, PWJI Ujung Watu, SJI Pagerwojo, KASI Kota Agung.

IDC 26 19:20:03.1-1.7,16.60S,178.13W,h0km,mb3.7/5,

mb1 4.0/5,mb1mx3.7/32,mbtmp3.7/5,Error ellipse: s-maj=106.5km s-min=25.2km az=150.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, TXAR Lajitas Array.

ISCJB 26 19:55:10.3-1.5,34.86N,109.26E,0.05,h0km,7km,

Error ellipse: s-maj=15.4km s-min=6.8km az=179.2

CSEM 26 19:55:10.8-0.5,34.86N,109.26E,0.05,h2km,ML2.3, Error ellipse: s-maj=12.1km s-min=5.1km az=171.0

ATH 26 19:55:11.9,34.93N,109.26E,h3km,3km,ML2.3/2, Error ellipse: s-maj=3.7km s-min=1.5km az=18.0

ISC 26 19:55:11.0-2.1,34.93N,109.26E,0.04,h9km,11km,n23,

e95/49,Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZKR Zakros, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, TXAR Lajitas Array, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, TXAR Lajitas Array.

1344

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANOYIA Anoyia, ANOYIA Anoyia, SIVA Sivas, SIVA Sivas, VAMOS Vamos, ARG Arkhangelos, ARG Arkhangelos.

ISCJB 26 19:58:47.8-0.3,35.59N,0.03,32.46E,0.03,h94km,5km,

Error ellipse: s-maj=5.3km s-min=3.8km az=36.1

ISK 26 19:58:48.8,35.75N,32.35E,h27km,ML3.4

HLW 26 19:58:49.1,35.56N,32.97E,h33km,20km,MD3.7,ML2.7

NIC 26 19:58:49.5,0.3,35.71N,32.38E,h68km,ML3.5

DDA 26 19:58:49.5,35.57N,32.60E,h65km,MD3.3

CSEM 26 19:58:49.0,0.2,35.62N,32.49E,h87km,3km,ML3.5,

Error ellipse: s-maj=5.8km s-min=3.5km az=38.0

NSSC 26 19:58:51.9,1.3,35.56N,32.87E,h104km,68km,MD1.4,

ML2.6

ISC 26 19:58:46.1-0.5,35.54N,0.02,32.52E,0.02,h108km,3km,

n86,e181/95,Cyprus region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ALFC Alefka, ALFC Alefka, AKDN Akdeniz-K, AKDN Akdeniz-K, LEF Lefka, LEF Lefka, PAPHOS Paphos, PAPHOS Paphos, MAMMAM Mammary, GAZI Gazipasa, GAZI Gazipasa, SZAC Souni, SZAC Souni, CSS Mathiatis, CSS Mathiatis, PHNC Paralimni, PHNC Paralimni, KIZK Kizilirmaci, KIZK Kizilirmaci, KERG Konya-Eregli, KERG Konya-Eregli, KORT Korkueeli, KORT Korkueeli, SUTC Sutluce-Ispart, SUTC Sutluce-Ispart, DED DED, KONT Konya-Tatoy, KONT Konya-Tatoy, AKAS Kas, AKAS Kas, LADK Ladik-KONYA, LADK Ladik-KONYA, KARAS Karaisal, KARAS Karaisal, ARNB Al Arnab, ARNB Al Arnab, ARNB comp=E,54nm,0.4s, ARNB comp=N,35nm,0.2s, ARNB Al Arnab, GOLH Golhisar, GOLH Golhisar, FETY Fethiye, FETY Fethiye, KDHN Kadinhani, KDHN Kadinhani, SLNF Slenfeh, SLNF Slenfeh, SLNF comp=E,183nm,0.4s, SLNF comp=N,49nm,0.3s, SLNF Slenfeh, BHL Bhanes, BHL Bhanes, HWQ Hawqa, HWQ Hawqa, DQRL Deir Qamar, DQRL Deir Qamar, BIDA Albida, BIDA Albida, BIDA comp=N,238nm,0.2s, BIDA comp=E,119nm,0.5s, BIDA Albida, BTCH Batrach, BTCH Batrach, BTCH comp=E,67nm,0.4s, BTCH comp=N,54nm,0.4s, BTCH Batrach, RWY Rachaya, RWY Rachaya, DRWC Darouich, DRWC Darouich, DRWC comp=E,18nm,0.4s, DRWC comp=N,9,4s, DRWC Darouich, BRBR Barbar, BRBR Barbar, BRBR comp=N,57nm,0.4s, BRBR Barbar, BRBR comp=E,23nm,0.5s, BRBR Barbar, MARH Ras Al Marh, MARH Ras Al Marh, MARH comp=N,29nm,0.5s, MARH Ras Al Marh, MARH Ras Al Marh, KHL Karahalli, KHL Karahalli, YER Yerkesik, YER Yerkesik, YER Yerkesik, TOTH TOTAH, TOTH TOTAH.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PHNC Paralimni, PHNC Paralimni, KIZK Kizilirmaci, KIZK Kizilirmaci, KERG Konya-Eregli, KERG Konya-Eregli, KORT Korkueeli, KORT Korkueeli, SUTC Sutluce-Ispart, SUTC Sutluce-Ispart, DED DED, KONT Konya-Tatoy, KONT Konya-Tatoy, AKAS Kas, AKAS Kas, LADK Ladik-KONYA, LADK Ladik-KONYA, KARAS Karaisal, KARAS Karaisal, ARNB Al Arnab, ARNB Al Arnab, ARNB comp=E,54nm,0.4s, ARNB comp=N,35nm,0.2s, ARNB Al Arnab, GOLH Golhisar, GOLH Golhisar, FETY Fethiye, FETY Fethiye, KDHN Kadinhani, KDHN Kadinhani, SLNF Slenfeh, SLNF Slenfeh, SLNF comp=E,183nm,0.4s, SLNF comp=N,49nm,0.3s, SLNF Slenfeh, BHL Bhanes, BHL Bhanes, HWQ Hawqa, HWQ Hawqa, DQRL Deir Qamar, DQRL Deir Qamar, BIDA Albida, BIDA Albida, BIDA comp=N,238nm,0.2s, BIDA comp=E,119nm,0.5s, BIDA Albida, BTCH Batrach, BTCH Batrach, BTCH comp=E,67nm,0.4s, BTCH comp=N,54nm,0.4s, BTCH Batrach, RWY Rachaya, RWY Rachaya, DRWC Darouich, DRWC Darouich, DRWC comp=E,18nm,0.4s, DRWC comp=N,9,4s, DRWC Darouich, BRBR Barbar, BRBR Barbar, BRBR comp=N,57nm,0.4s, BRBR Barbar, BRBR comp=E,23nm,0.5s, BRBR Barbar, MARH Ras Al Marh, MARH Ras Al Marh, MARH comp=N,29nm,0.5s, MARH Ras Al Marh, MARH Ras Al Marh, KHL Karahalli, KHL Karahalli, YER Yerkesik, YER Yerkesik, YER Yerkesik, TOTH TOTAH, TOTH TOTAH.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PHNC Paralimni, PHNC Paralimni, KIZK Kizilirmaci, KIZK Kizilirmaci, KERG Konya-Eregli, KERG Konya-Eregli, KORT Korkueeli, KORT Korkueeli, SUTC Sutluce-Ispart, SUTC Sutluce-Ispart, DED DED, KONT Konya-Tatoy, KONT Konya-Tatoy, AKAS Kas, AKAS Kas, LADK Ladik-KONYA, LADK Ladik-KONYA, KARAS Karaisal, KARAS Karaisal, ARNB Al Arnab, ARNB Al Arnab, ARNB comp=E,54nm,0.4s, ARNB comp=N,35nm,0.2s, ARNB Al Arnab, GOLH Golhisar, GOLH Golhisar, FETY Fethiye, FETY Fethiye, KDHN Kadinhani, KDHN Kadinhani, SLNF Slenfeh, SLNF Slenfeh, SLNF comp=E,183nm,0.4s, SLNF comp=N,49nm,0.3s, SLNF Slenfeh, BHL Bhanes, BHL Bhanes, HWQ Hawqa, HWQ Hawqa, DQRL Deir Qamar, DQRL Deir Qamar, BIDA Albida, BIDA Albida, BIDA comp=N,238nm,0.2s, BIDA comp=E,119nm,0.5s, BIDA Albida, BTCH Batrach, BTCH Batrach, BTCH comp=E,67nm,0.4s, BTCH comp=N,54nm,0.4s, BTCH Batrach, RWY Rachaya, RWY Rachaya, DRWC Darouich, DRWC Darouich, DRWC comp=E,18nm,0.4s, DRWC comp=N,9,4s, DRWC Darouich, BRBR Barbar, BRBR Barbar, BRBR comp=N,57nm,0.4s, BRBR Barbar, BRBR comp=E,23nm,0.5s, BRBR Barbar, MARH Ras Al Marh, MARH Ras Al Marh, MARH comp=N,29nm,0.5s, MARH Ras Al Marh, MARH Ras Al Marh, KHL Karahalli, KHL Karahalli, YER Yerkesik, YER Yerkesik, YER Yerkesik, TOTH TOTAH, TOTH TOTAH.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PHNC Paralimni, PHNC Paralimni, KIZK Kizilirmaci, KIZK Kizilirmaci, KERG Konya-Eregli, KERG Konya-Eregli, KORT Korkueeli, KORT Korkueeli, SUTC Sutluce-Ispart, SUTC Sutluce-Ispart, DED DED, KONT Konya-Tatoy, KONT Konya-Tatoy, AKAS Kas, AKAS Kas, LADK Ladik-KONYA, LADK Ladik-KONYA, KARAS Karaisal, KARAS Karaisal, ARNB Al Arnab, ARNB Al Arnab, ARNB comp=E,54nm,0.4s, ARNB comp=N,35nm,0.2s, ARNB Al Arnab, GOLH Golhisar, GOLH Golhisar, FETY Fethiye, FETY Fethiye, KDHN Kadinhani, KDHN Kadinhani, SLNF Slenfeh, SLNF Slenfeh, SLNF comp=E,183nm,0.4s, SLNF comp=N,49nm,0.3s, SLNF Slenfeh, BHL Bhanes, BHL Bhanes, HWQ Hawqa, HWQ Hawqa, DQRL Deir Qamar, DQRL Deir Qamar, BIDA Albida, BIDA Albida, BIDA comp=N,238nm,0.2s, BIDA comp=E,119nm,0.5s, BIDA Albida, BTCH Batrach, BTCH Batrach, BTCH comp=E,67nm,0.4s, BTCH comp=N,54nm,0.4s, BTCH Batrach, RWY Rachaya, RWY Rachaya, DRWC Darouich, DRWC Darouich, DRWC comp=E,18nm,0.4s, DRWC comp=N,9,4s, DRWC Darouich, BRBR Barbar, BRBR Barbar, BRBR comp=N,57nm,0.4s, BRBR Barbar, BRBR comp=E,23nm,0.5s, BRBR Barbar, MARH Ras Al Marh, MARH Ras Al Marh, MARH comp=N,29nm,0.5s, MARH Ras Al Marh, MARH Ras Al Marh, KHL Karahalli, KHL Karahalli, YER Yerkesik, YER Yerkesik, YER Yerkesik, TOTH TOTAH, TOTH TOTAH.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Fitzroy Crossi, Papeete, Mawson, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matsushiro Arr, Usuriyaki Arr, etc.

ISCJB 26 22:05:12.8,0.7,40.72N,0.02-20.71E,0.04,h3km,4km, Error ellipse: s-maj=4.5km s-min=3.8km az=9.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Ohrid, Nestorio, Florina, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Ivanjica, Ston, Divivare, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Stephens Creek, Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Denizli, Karahalli, Manisa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Mont Dzumac, Raoul Island, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Mina Array B, Arces Arr, Geres Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, Alice Springs, Makanchi Arr, etc.

CSEM 26 23:11:13.6,45.66N,26.51E,h153km,MD3.3/2, BUC 26 23:11:13.7,1.1,45.66N,26.50E,h152km,9km,MD3.3/2, az=342.0, Romania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Plostinia, Vri Vri, Odbesti, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Carcaliu, Arges, Leova, etc.

PGC 26 23:31:48.3,12.0,51.01N,131.06W,h10km,ML2.9/5, Mw3.6/5,239km Wsw of Bella Bella, Bc Haida Gwaii Region, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Barry Inlet, Bella Bella, Moresby Island, etc.

ISCJB 26 23:42:05.4,0.5,50.12N,0.03,-18.33E,0.03,h0km, Error ellipse: s-maj=5.1km s-min=2.5km az=6.9

CSEM 26 23:42:06.9,0.3,50.08N,18.39E,h2km,ML2.7/10, Error ellipse: s-maj=7.3km s-min=4km az=0

IPEC 26 23:42:06.6,0.2,50.05N,18.46E,h0km,2km,ML1.7/3, Error ellipse: s-maj=2.1km s-min=1.6km az=160.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Racibor, Ostrova-Krasne, Moravsky Berou, etc.

ATH 26 23:52:50.9,40.79N,20.72E,h5km,MD3.1/9 CSEM 26 23:52:51.9,0.4,40.73N,20.76E,h2km,MD3.1, Error ellipse: s-maj=7.9km s-min=5.2km az=101.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CVDA, Cernavoda. Includes stations like Ohrid, Nestorio, Pentalofofos, Kozani, Janina, Saggiada, Igomuenitsa, Griva, Litokhoron, Kendrikon, Evrytania, Makrakomi, etc.

CSEM 26.23:55:09.8-0.5, 40.71N-20.68E, h5km, MD3.2, Error ellipse: s-maj=12.5km s-min=7.0km az=86.0

ATH 26.23:55:09.2, 40.74N-20.64E, h15km, 3km, MD3.2/6 SKO 26.23:55:13.2, 40.92N-20.91E, h18km, M0.3, L2.1

ISC 26.23:55:09.8-0.5, 40.71N-20.68E, h5km, MD3.2, Error ellipse: s-maj=12.5km s-min=7.0km az=86.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CVDA, Cernavoda. Includes stations like Ohrid, Nestorio, Pentalofofos, Kozani, Janina, Saggiada, Igomuenitsa, Griva, Litokhoron, Kendrikon, Evrytania, Makrakomi, etc.

IDC 26.23:57:23.4-0.9, 45.19N-27.74E, h0km, mb1 3.5/5, mb1mx3.1/46, mbmp3.4/5, ML2.8/5, Error ellipse:

ISCJB 26.23:57:24.9-0.2, 45.18N-27.66E, h0km, MD1.1/2, Error ellipse: s-maj=2.2km s-min=1.9km az=147.2

SOF 26.23:57:26.5, 45.00N-27.94E, h0km SIGU 26.23:57:26.1, 45.20N-27.62E, h25km, mb3.4

BUC 26.23:57:27.0-0.6, 45.08N-27.56E, h23km, 6km, MD4.1/2, Error ellipse: s-maj=5.6km s-min=4.8km az=123.0

CSEM 26.23:57:27.9-0.2, 45.07N-27.59E, h25km, 2km, MD4.1, Error ellipse: s-maj=3.2km s-min=2.8km az=67.0

ISC 26.23:57:26.2-0.7, 45.14N-27.59E, h0km, n211, a0593/272, 65C-72D, Romania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CVDA, Cernavoda. Includes stations like Carcaliu, Pogoanele, Greter, HARR, Gium, AMRR, Petresti, Odbesti, ISR, CVDA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CVDA, Cernavoda. Includes stations like Cernavoda, Nyzhne Selyshc, Vrincoiaia, Plostina, Sulr, MSAB, Muntele Rosu, INCERC-Sediu C, INCRC, EFORIE, Bucharest, Ciorogarla, Leova, MANR, TESR, DOPR, MTRU, VOIR, HUMR, MILM, KIS, ROIA, IAS, ARR, ZIMR, PRAR, PVL, LOT, JMB, BURAR, ARCR, SORM, SRE, SRE, CJR, MPEP, EDRB, GZR, GZR, NDNV, KMPD, KMPD, KSV, RAKU, etc.

2.3nm, 0.3s, baz=63, slow=2.1, SNR=556

11nm, 0.3s, baz=246, slow=20, SNR=396

2.2nm, 0.3s, baz=193, slow=21, SNR=82.6

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, CVDA, Cernavoda. Includes stations like RAKU, Nyzhne Selyshc, Vrincoiaia, Plostina, Sulr, MSAB, Muntele Rosu, INCERC-Sediu C, INCRC, EFORIE, Bucharest, Ciorogarla, Leova, MANR, TESR, DOPR, MTRU, VOIR, HUMR, MILM, KIS, ROIA, IAS, ARR, ZIMR, PRAR, PVL, LOT, JMB, BURAR, ARCR, SORM, SRE, SRE, CJR, MPEP, EDRB, GZR, GZR, NDNV, KMPD, KMPD, KSV, RAKU, etc.

2.3nm, 0.3s, baz=63, slow=2.1, SNR=556

11nm, 0.3s, baz=246, slow=20, SNR=396

2.2nm, 0.3s, baz=193, slow=21, SNR=82.6

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

900nm, 0.8s

H17A	baz=240	82.33	40	eP	P	01 11 60.0	+0.9
BOZ	comp=Z,53nm,1.5s	82.33	38	eP	P	01 12 00.0	+1.1
BOZ	comp=Z,58nm,1.5s			MLR	MLR		
BOZ	comp=Z,1µm,21.0s	82.33	38	P	P	01 11 59.1	+0.2
BOZ	baz=239	82.33	38	eP	P	01 11 60.0	+1.1
BOZ	comp=Z,58nm,1.5s			LR	LR		
YNR	comp=Z,1µm,21.0s	82.43	40	eP	P	01 12 01.8	+2.2
COLA	comp=Z,46nm,1.3s	82.46	11	eP	P	01 11 58.5	-0.4
COLA	comp=Z,82nm,0.9s			MLR	MLR		
COLA	comp=Z,6157µm,20.0s	82.46	11	eP	P	01 11 58.5	-0.4
COLA	comp=Z,82nm,0.9s			LR	LR		
MDM	comp=Z,6157µm,20.0s	82.47	10	eP	P	01 11 58.0	-1.0
MDM	comp=Z,60nm,1.2s	82.47	10	eP	P	01 11 58.0	-1.0
LKWY	comp=Z,93nm,1.7s	82.53	40	eP	P	01 12 01.4	+1.3
LKWY	comp=Z,1µm,19.0s			MLR	MLR		
LKWY	comp=Z,93nm,1.7s	82.53	40	eP	P	01 12 01.4	+1.3
LKWY	comp=Z,1µm,19.0s			LR	LR		
IL1	comp=Z,1µm,19.0s	82.54	11	eP	P	01 11 57.8	-1.5
ILAR	comp=Z,4.7nm,0.9s, baz=225,slow=5.9,SNR=51	82.54	11	eP	P	01 11 58.4	-1.0
ILAR	comp=Z,705nm,18.7s, baz=206,slow=33			LR	LR	01 45 21.4	
ILAR	comp=Z,705nm,18.7s, baz=206,slow=33	82.54	11	eP	P	01 11 58.4	-1.0
ILB	comp=Z,51nm,1.5s	82.54	11	eP	P	01 11 57.9	-1.4
SDCO	comp=Z,244	82.57	48	eP	P	01 12 00.5	0.0
SDCO	comp=Z,25nm,1.4s	82.57	48	eP	P	01 12 00.8	+0.3
SDCO	comp=Z,833nm,20.0s			LR	LR		
SEY	comp=Z,5.9nm,0.8s, baz=153,slow=4.8,SNR=9.6	82.76	345	P	P	01 12 00.3	-0.2
WALA	comp=Z,51nm,1.5s	82.85	35	eP	P	01 12 01.4	-0.2
MSTX	comp=Z,85nm,1.4s	82.99	52	eP	P	01 12 02.7	+0.1
MSTX	comp=Z,85nm,1.4s	82.99	52	eP	P	01 12 03.4	+0.8
832A	comp=Z,830nm,0.8s, baz=248	83.00	58	P	P	01 12 01.9	-0.7
T25A	comp=Z,830nm,0.8s, baz=248	83.09	49	eP	P	01 12 02.6	-0.6
T25A	comp=Z,830nm,0.8s, baz=248	83.09	49	eP	P	01 12 03.1	-0.1
330A	comp=Z,830nm,0.8s, baz=248	83.22	55	P	P	01 12 03.8	+0.1
QIZ	comp=Z,830nm,0.8s, baz=248	83.28	292	P	P	01 12 04.3	+0.1
QIZ	comp=Z,830nm,0.8s, baz=248	83.28	292	P	P	01 12 09.3	+0.6
QIZ	comp=Z,830nm,0.8s, baz=248	83.28	292	P	P	01 12 13.3	+0.4
QIZ	comp=Z,830nm,0.8s, baz=248	83.28	292	P	P	01 15 14.5	-1.6
QIZ	comp=Z,830nm,0.8s, baz=248	83.28	292	P	P	01 22 24.0	-0.4
QIZ	comp=Z,830nm,0.8s, baz=248	83.28	292	P	P	01 22 35.8	+0.9
QIZ	comp=Z,830nm,0.8s, baz=248	83.28	292	P	P	01 27 37.8	-0.4
QIZ	comp=Z,830nm,0.8s, baz=248	83.28	292	P	P	01 27 50.5	+0.7
QIZ	comp=Z,500nm,10.4s			LR	LR		
QIZ	comp=Z,620nm,22.8s			LR	LR		
QIZ	comp=Z,870nm,25.0s	83.28	292	P	P	01 12 20.0	+1.6
QIZ	comp=Z,870nm,25.0s			LR	LR		
933A	comp=Z,873nm,22.0s	83.34	59	P	P	01 12 04.6	+0.2
Q24A	comp=Z,830nm,0.8s, baz=248	83.36	47	P	P	01 12 04.1	-0.5
Q24A	comp=Z,830nm,0.8s, baz=248	83.36	47	eP	P	01 12 04.5	-0.1
ISCO	comp=Z,41nm,1.5s	83.40	46	eP	P	01 12 05.1	+0.3
ISCO	comp=Z,41nm,1.5s			MLR	MLR		
ISCO	comp=Z,926nm,20.0s	83.40	46	P	P	01 12 04.3	-0.5
ISCO	comp=Z,926nm,20.0s	83.40	46	P	P	01 12 05.1	+0.3
ISCO	comp=Z,926nm,20.0s			LR	LR		
230A	comp=Z,926nm,20.0s	83.45	54	P	P	01 12 05.6	+0.7
WHN	comp=Z,1µm,4.5s	83.46	304	iP	S	01 12 06.3	+1.4
WHN	comp=Z,1µm,4.5s			MLR	MLR	01 22 31.0	+5.2
WHN	comp=Z,1µm,4.5s			LR	LR		
DAWY	comp=Z,2µm,19.9s	83.49	14	eP	P	01 12 03.4	-1.0
RLMT	comp=Z,36nm,1.0s	83.50	40	P	P	01 12 05.4	+0.3
RLMT	comp=Z,36nm,1.0s	83.50	40	eP	P	01 12 05.6	+0.5
RLMT	comp=Z,36nm,1.0s			LR	LR		
TIA	comp=Z,835nm,20.0s	83.57	310	iP	P	01 12 15.0	+1.0
CMIG	comp=Z,20nm,1.1s	83.62	70	LR	LR	01 39 50.2	
034A	comp=Z,1µm,21.2s, baz=280,slow=29	83.63	60	P	P	01 12 05.7	-0.2
N23A	comp=Z,830nm,0.8s, baz=248	83.66	45	P	P	01 12 06.7	+0.6
N23A	comp=Z,830nm,0.8s, baz=248	83.66	45	eP	P	01 12 06.4	+0.3
EGAK	comp=Z,18nm,0.9s	83.70	13	eP	P	01 12 05.1	-0.2
EGAK	comp=Z,18nm,0.9s			LR	LR		
733A	comp=Z,2µm,20.0s	83.72	58	P	P	01 12 05.9	-0.4
130A	comp=Z,2µm,20.0s	83.84	54	P	P	01 12 06.6	-0.3
PMSA	comp=Z,1µm,20.0s	83.89	156	LR	LR	01 43 04.5	
PMSA	comp=Z,1µm,20.0s	83.89	156	LR	LR	01 12 20.0	+1.3
JCT	comp=Z,21nm,1.3s	83.96	56	eP	P	01 12 09.1	+1.5
JCT	comp=Z,21nm,1.3s			MLR	MLR		
JCT	comp=Z,1µm,20.0s	83.96	56	P	P	01 12 07.0	-0.6
JCT	comp=Z,1µm,20.0s	83.96	56	eP	P	01 12 09.1	+1.5
JCT	comp=Z,1µm,20.0s			LR	LR		
Z30A	comp=Z,1µm,20.0s	83.98	53	P	P	01 12 07.3	-0.3
035A	comp=Z,840nm,0.8s, baz=249	84.07	60	P	P	01 12 07.9	-0.2
K22A	comp=Z,840nm,0.8s, baz=249	84.07	43	P	P	01 12 07.6	-0.4
K22A	comp=Z,840nm,0.8s, baz=249	84.07	43	eP	P	01 12 07.9	-0.1
633A	comp=Z,69nm,1.5s	84.09	57	P	P	01 12 07.8	-0.4
231A	comp=Z,840nm,0.8s, baz=249	84.09	55	P	P	01 12 06.9	-1.3
834A	comp=Z,840nm,0.8s, baz=249	84.12	59	P	P	01 12 09.0	+0.7
PHWY	comp=Z,840nm,0.8s, baz=249	84.17	44	eP	P	01 12 08.5	-0.3

AMTX	comp=Z,28nm,1.3s	84.18	52	P	P	01 12 07.9	-0.7
AMTX	comp=Z,28nm,1.3s	84.18	52	eP	P	01 12 08.0	-0.7
COLD	comp=Z,37nm,1.1s	84.25	9	eP	P	01 12 09.0	+0.9
131A	comp=Z,37nm,1.1s	84.32	54	P	P	01 12 08.8	-0.5
Y30A	comp=Z,37nm,1.1s	84.38	53	P	P	01 12 09.3	-0.3
533A	comp=Z,37nm,1.1s	84.42	57	P	P	01 12 09.1	-0.8
232A	comp=Z,37nm,1.1s	84.60	55	P	P	01 12 10.4	-0.4
X30A	comp=Z,37nm,1.1s	84.62	52	P	P	01 12 10.6	-0.3
433A	comp=Z,37nm,1.1s	84.63	56	P	P	01 12 09.7	-1.2
EGMT	comp=Z,37nm,1.1s	84.65	37	P	P	01 12 10.6	-0.1
EGMT	comp=Z,37nm,1.1s	84.65	37	P	P	01 12 20.0	+9.3
BILL	comp=Z,2µm,21.0s	84.71	352	eP	P	01 12 10.3	-0.1
BILL	comp=Z,57nm,1.7s			MLR	MLR		
BILL	comp=Z,2µm,22.0s	84.71	352	eP	P	01 12 10.3	-0.1
BILL	comp=Z,57nm,1.7s			LR	LR		
Z31A	comp=Z,2µm,22.0s	84.75	53	P	P	01 12 10.9	-0.6
534A	comp=Z,2µm,22.0s	84.86	57	P	P	01 12 11.7	-0.4
ABTX	comp=Z,86nm,1.4s	84.88	54	P	P	01 12 10.7	-1.5
ABTX	comp=Z,86nm,1.4s	84.88	54	eP	P	01 12 11.4	-0.8
Y31A	comp=Z,86nm,1.4s	84.91	53	P	P	01 12 11.1	-1.1
333A	comp=Z,86nm,1.4s	84.92	56	P	P	01 12 11.6	-0.8
S28A	comp=Z,86nm,1.4s	85.10	49	P	P	01 12 12.5	-0.7
233A	comp=Z,86nm,1.4s	85.24	55	P	P	01 12 13.2	-0.8
Z32A	comp=Z,86nm,1.4s	85.26	54	P	P	01 12 13.5	-0.6
434A	comp=Z,86nm,1.4s	85.31	56	P	P	01 12 13.3	-1.0
X31A	comp=Z,86nm,1.4s	85.38	52	P	P	01 12 14.0	-0.6
133A	comp=Z,86nm,1.4s	85.44	55	P	P	01 12 14.8	-0.2
EDM	comp=Z,86nm,1.4s	85.45	31	eP	P	01 12 13.7	-0.8
EDM	comp=Z,86nm,1.4s	85.45	31	eP	P	01 12 13.7	-0.8
R28A	comp=Z,86nm,1.4s	85.47	48	P	P	01 12 14.3	-0.7
334A	comp=Z,86nm,1.4s	85.52	56	P	P	01 12 14.9	-0.5
Y32A	comp=Z,86nm,1.4s	85.55	53	P	P	01 12 14.0	-1.5
W31A	comp=Z,86nm,1.4s	85.61	52	P	P	01 12 15.5	-0.3
S29A	comp=Z,86nm,1.4s	85.68	49	P	P	01 12 16.0	-0.1
Q28A	comp=Z,86nm,1.4s	85.74	48	P	P	01 12 16.4	-0.1
Z33A	comp=Z,86nm,1.4s	85.81	54	P	P	01 12 16.2	-0.6
BJT	comp=Z,86nm,1.4s	85.82	313	eP	P	01 12 18.6	+2.0
BJT	comp=Z,72nm,1.5s			MLR	MLR		
BJT	comp=Z,593nm,19.0s	85.82	313	eP	P	01 12 18.6	+2.0
BJT	comp=Z,72nm,1.5s			LR	LR		
BJT	comp=Z,593nm,19.0s	85.82	313	P	P	01 12 17.3	+0.7
BJL	comp=Z,593nm,19.0s			PP	PP	01 12 23.3	+0.5
BJL	comp=Z,593nm,19.0s			S	S	01 15 36.5	+0.1
BJL	comp=Z,593nm,19.0s			SS	SS	01 22 44.8	-4.1
BJL	comp=Z,593nm,19.0s			SS	SS	01 28 28.8	+2.2
BJL	comp=Z,29nm,2.0s			MLR	MLR		
BJL	comp=Z,820nm,5.8s			LR	LR		
BJL	comp=Z,380nm,19.2s			LR	LR		
BJL	comp=Z,400nm,23.9s			LR	LR		
X32A	comp=Z,780nm,25.4s	85.83	53	P	P	01 12 16.5	-0.3
234A	comp=Z,780nm,25.4s	85.84	55	P	P	01 12 17.0	0.0
V31A	comp=Z,780nm,25.4s	85.91	51	P	P	01 12 17.8	+0.5
R29A	comp=Z,780nm,25.4s	85.98	48	P	P	01 12 18.2	+0.6
134A	comp=Z,780nm,25.4s	86.09	55	P	P	01 12 18.2	+0.1
335A	comp=Z,780nm,25.4s	86.15	56	P	P	01 12 18.6	+0.1
S30A	comp=Z,780nm,25.4s	86.17	49	P	P	01 12 18.6	+0.1
Y33A	comp=Z,780nm,25.4s	86.18	53	P	P	01 12 18.5	-0.1
Q29A	comp=Z,780nm,25.4s	86.28	48	P	P	01 12 18.1	-0.9
WMOK	comp=Z,26nm,1.5s	86.33	53	eP	P	01 12 18.5	-0.8
WMOK	comp=Z,26nm,1.5s			MLR	MLR		
WMOK	comp=Z,1µm,21.0s	86.33	53	eP	P	01 12 18.5	-0.8
WMOK	comp=Z,1µm,21.0s			LR	LR		
RSSD	comp=Z,1µm,21.0s	86.35	42	eP	P	01 12 18.3	-1.2
RSSD	comp=Z,52nm,1.6s	86.35	42	P	P	01 12 18.8	-0.7
RSSD	comp=Z,52nm,1.6s	86.35	42	eP	P	01 12 18.3	-1.2
OGNE	comp=Z,52nm,1.6s	86.36	46	P	P	01 12 30.0	+1.1
OGNE	comp=Z,52nm,1.6s			LR	LR		
WHTX	comp=Z,870nm,19.0s	86.38	56	P	P	01 12 19.0	-0.5
WHTX	comp=Z,870nm,19.0s	86.38	56	eP	P	01 12 19.4	-0.2
X33A	comp=Z,870nm,19.0s	86.47	53	P	P	01 12 19.3	-0.7
436A	comp=Z,870nm,19.0s	86.48	57	P	P	01 12 20.1	0.0
V32A	comp=Z,870nm,19.0s	86.49	52	P	P	01 12 18	

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like ESKT, DAVA, BUY, LOMF, MDRV, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like WDD, DIM, TAM, TOAO, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like UGL, JCH, TYV, MYR, etc.

M3.0/12, Error ellipse: s-maj=3.4km s-min=1.9km az=7.0
CSEM 27 01:24:17.4-0.1, 47:52N-9:87E, h15km, ML3.7/20, Error
ellipse: s-maj=2.2km s-min=1.8km az=1.0
PRU 27 01:24:17.8-0.1, 47:56N-9:88E, h31km
LDG 27 01:24:17.5-0.1, 47:59N-9:92E, h30km, Md3.0/1, M3.2/24,
Error ellipse: s-maj=2.1km s-min=1.9km az=158.0
BGR 27 01:24:18.4-0.2, 47:53N-9:83E, h20km, ML3.1/23, Error
ellipse: s-maj=2.2km s-min=2.2km az=5.0
ZUR 27 01:24:18.1-0.1, 47:48N-9:84E, h31km, ML3.3/30
VIE 27 01:24:19.0-0.4, 47:50N-9:92E, h14km, 2km, mb2.8/9,
m13.5/13, Error ellipse: s-maj=2.8km s-min=1.6km
az=153.0, feil 4 ems98 in Northern Bregenzerwald /
Vorarlberg
ISC 27 01:24:16.8-0.4, 47:55N-01:01:9:832E-0:010, h10km, n343,
o175/486, 88C-38D, Germany

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, and station details. Includes stations like SANKT QUIRIN, HEIDENHEIM-CHA, ACHBACH, TUBLINGEN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, and station details. Includes stations like SIND, LAUCH, VARE, MOF, MAGA, WLS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DSF Desfina, PSARO Psaromita, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDC 27 03:16:08.5, GERES GERESS Array B, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NNC 27 03:23:12.9, MNAS Manas, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMA 27 03:31:42.4, YJNG Yonagunijimaku, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ESF Shoufeng Towns, ILA ilan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TCU Taichung, ALS Alishan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHN2 Minshuang, CHY Chiayi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SCZT Fangliu, SCZT Sczt, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARK Arkit, TOKL Toktogul, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MEX 27 03:36:29.4, TLIG Tlapa, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISCJB 27 03:37:25.6, IPEC 27 03:37:25.6, etc.

27d 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for DPC Dobruska-Polom, KRUC Moravsky baz=61, UPC Ulice, etc.

WEL 27 03:41:51.4±0.1, 40.60Sx175.88E, h32km, ML2.8/8, 4C-3D, Error ellipse: s-maj=0.9km s-min=0.6km az=90.0, North Island

Main table for WEL station data, listing codes like PRWZ, TIWZ, POWZ, MRZ, etc., with station names and coordinates.

IDC 27 03:45:38.2±3.2, 20.740Sx177.86W, h478km, 28km, mb3.6/5, mb1.3/7.7, mb1mx3.3/3.3, mbtmp4.5/7, Error ellipse: s-maj=85.5km s-min=18.1km az=146.0

Table for IDC station data, including codes like AFI, DZM, CTA, STKA, ASAR, WRA, CMAR, AKASG, BRTR.

MEX 27 03:47:48.2±0.5, 15.611N-92.74W, h148km, 5km, MD4.1, Mexico-Guatemala border region

Table for MEX station data, including codes like PCIG, CCIG, KRSC, etc.

2011 JAN

Table for 2011 JAN station data, including codes like PET, PAU, UGLR, SMAR, AVH, etc.

PET 27 03:41:51.4±0.1, 40.60Sx175.88E, h32km, ML2.8/8, 4C-3D, Error ellipse: s-maj=0.9km s-min=0.6km az=90.0, North Island

Main table for PET station data, listing codes like SKR, APC, GNL, BKL, etc.

IDC 27 03:55:57.3±1.1, 27.56N-143.79E, h0km, mb3.4/5, mb1.3/7.6, mb1mx3.5/3.8, mbtmp3.4/6, ML3.5/1, Error ellipse: s-maj=29.1km s-min=23.6km az=139.0

Table for IDC station data, including codes like PDAR, ULM, AKAS, TXAR, WRA, ASAR, BRTR.

IDC 27 03:55:57.3±1.1, 27.56N-143.79E, h0km, mb3.4/5, mb1.3/7.6, mb1mx3.5/3.8, mbtmp3.4/6, ML3.5/1, Error ellipse: s-maj=29.1km s-min=23.6km az=139.0

Main table for IDC station data, including codes like JCJ, MJAR, SONJ, WRA, MKAR, YKA, NVAR, etc.

1362

Table for 1362 station data, including codes like SRS, HORT, PAIG, etc.

ISCJB 27 03:59:57.4±0.6, 36.81N-02.38°E, h10km, 4km, Error ellipse: s-maj=4.0km s-min=2.9km az=159.7

Main table for ISCJB station data, including codes like VAY, VAY, VAY, etc.

CSEM 27 03:59:57.4±0.6, 36.81N-02.38°E, h10km, MD3.1, Error ellipse: s-maj=3.8km s-min=2.4km az=154.0

DDA 27 03:59:57.9±0.6, 36.86N-37.99E, h26km, MD3.1, ISK 27 03:59:58.0±0.9, 36.80N-38.03E, h14km, 3km, MD1.2, ML2.5

ISC 27 03:59:57.5±1.1, 36.83N-0.02x38.02E, h15km, gkm, n54, c0547/72, Aegean Sea

Main table for ISC station data, including codes like SURC, SLMH, DRWC, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DUG Dugway, Toeole, MSU Marysalle, and many others.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KEST Kesra, PAVG Gaviera, and many others.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CDRU Civita di Ruta, MCEL Monticello, and many others.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TRVZ Turoa, MWZ Matawai, OPRZ Ohangapeana, etc.

RSNC 27 05:26:29.0-1.2, 4.39N-73.67W, h3km, 8km, ML2.2, Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CHIC Chingaza, VILC Villavieja, ROSC El Rosal, etc.

ISK 27 05:35:42.6, 35.622N, 31.68E, h8km, ML3.6
DDA 27 05:35:45.5, 36.08N, 31.89E, h4km, ML3.3
CSEM 27 05:35:46.4, 0.2, 35.61N, 31.70E, h40km, ML3.5, Error

ellip: s-maj=7.0km s-min=3.8km az=32.0
NIC 27 05:35:49.0, 0.2, 35.59N, 32.14E, h54km, ML3.5

ISC 27 05:35:42.7-1.5, 35.61N, 0.04, 31.66E, 0.03, h11km, 12km, n54, e173/76, Cyprus region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ALFC Alefka, MAMC Mammari, CSS Mathiatis, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KHNL Karahalli, YAYL Yayladag, TAHT Tahtakopru-Hat, etc.

SJA 27 05:49:48.6, 1.0, 32.56S, 71.40W, h10km, ML2.4, MW2.7
GUC 27 05:49:48.4, 0.4, 32.55S, 71.54W, h43km, 2km, ML2.7
ISC 27 05:49:47.7-3.6, 32.56S, 0.06, 71.6W, 0.1, h16km, 16km, n13, e094/20, 1C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ROCI El Roble, PEL Peidehue, RCDM Rinconada Maip, etc.

CSEM 27 06:04:13.2, 0.1, 49.94N, 1.82W, h15km, ML3.3/20, Error
ellip: s-maj=2.8km s-min=2.3km az=66.0
BGS 27 06:04:13.9, 0.9, 50.00N, 1.91W, h5km, 7km, ML2.5

LDG 27 06:04:14.2, 0.1, 49.92N, 1.95W, h10km, Md3.2/3, M13.3/31, Error

ellip: s-maj=2.0km s-min=1.7km az=175.0

ISC 27 06:04:14.2, 0.1, 49.98N, 0.02, 1.30W, 0.02, h31km, 11km, n117, e137/171, 2D, France

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JDG Jersey Dam, JRS Jersey, JDC Jersey Dam, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HMNX Herstonceux, GRR Gorron, OLDB Oldbury-Upon-S, etc.

27d 7h

Table with columns: MEZF, Maizieres J'vi, 4.73 106 ePn, Pn, 06 05 24.4 +1.0, 06 06 45.2 +1.2, etc.

ISCJB 27 06:05:02.0-0.8, 27.6N-0.1:143.9E-0.2, h10km, mb3.7/11, Error ellipse: s-maj=23.7km s-min=15.4km az=165.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

NEIC 27 06:10:40.9-0.5, 23.81N-92.90E, h10km, mb4.1/4, Error ellipse: s-maj=14.8km s-min=7.8km az=54.0

ISCJB 27 06:10:43.9-0.5, 23.86N-0.05:92.95E-0.07, h48km, mb3.9/20, MS3.1/1, Error ellipse: s-maj=9.4km

NEIC 27 06:10:44.2-6.5, 23.79N-92.87E, h33km, 51km, mb3.8/17, mb1.3/9/18, mb1mx3.7/49, mbtmp4.0/18, ML4.0/1, MS2.9/2, Ms1.3/0.2, ms1mx2.6/34, Error ellipse: s-maj=30.3km

ISC 27 06:10:45.6-0.6, 23.87N-0.07:92.95E-0.08, h48km, n28, r121/30, mb4.0/20, India-Bangladesh border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

2011 JAN

Table with columns: WRA, Warrungunga Arr, 59.36 134 P, P, 06 20 42.9 -0.3, etc.

IDC 27 06:36:45.0-848.0, 31.14N-132.07E, h0km, Error ellipse: s-maj=311.7km s-min=166.2km az=40.0, Southeast of Shikoku

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISCJB 27 06:37:19.7-0.6, 49.3S:0.1:118.5W:0.2, h10km, mb4.5/13, MS3.8/7, Error ellipse: s-maj=17.6km s-min=16.1km

IDC 27 06:37:19.6-0.6, 49.27S:1.18:55W, h0km, mb4.2/9, mb1.4/5.9, mb1mx4.2/29, mbtmp4.2/9, MS3.8/7, Ms1.3/8/7, ms1mx3.5/20, Error ellipse: s-maj=36.6km s-min=20.9km

NEIC 27 06:37:21.2-0.3, 49.18S:118.52W, h10km, mb4.9/3, Error ellipse: s-maj=14.7km s-min=11.4km az=176.0

ISC 27 06:37:20.8-0.5, 49.2S:0.1:118.5W:0.1, h10km, n64, r150/47, mb4.2/13, MS3.8/7, 15C-1D, South Pacific Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISCJB 27 06:05:02.0-0.8, 27.6N-0.1:143.9E-0.2, h10km, mb3.7/11, Error ellipse: s-maj=23.7km s-min=15.4km az=165.9

IDC 27 06:05:05.0-0.9, 27.56N-143.90E, h0km, mb3.7/11, mb1.3/9/12, mb1mx3.7/45, mbtmp3.6/12, ML3.6/1, Error ellipse: s-maj=28.3km s-min=21.5km az=83.0

ISC 27 06:05:07.0-0.9, 27.53N-0.1:143.9E-0.2, h10km, n12, r089/12, mb3.6/11, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

NEIC 27 06:10:40.9-0.5, 23.81N-92.90E, h10km, mb4.1/4, Error ellipse: s-maj=14.8km s-min=7.8km az=54.0

ISCJB 27 06:10:43.9-0.5, 23.86N-0.05:92.95E-0.07, h48km, mb3.9/20, MS3.1/1, Error ellipse: s-maj=9.4km

NEIC 27 06:10:44.2-6.5, 23.79N-92.87E, h33km, 51km, mb3.8/17, mb1.3/9/18, mb1mx3.7/49, mbtmp4.0/18, ML4.0/1, MS2.9/2, Ms1.3/0.2, ms1mx2.6/34, Error ellipse: s-maj=30.3km

ISC 27 06:10:45.6-0.6, 23.87N-0.07:92.95E-0.08, h48km, n28, r121/30, mb4.0/20, India-Bangladesh border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

1368

Table with columns: DMN, Daman, 151.80 229 eP, PKPbc, 06 57 16.2 +0.3, etc.

GUC 27 06:41:17.9-0.4, 34.82S:71.83W, h44km, 2km, ML3.7, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

KRSC 27 06:46:24.7-0.8, 53.17N:157.31E, h279km, 6km, ML3.9, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

IDC 27 06:50:25.9-1.5, 21.0S:0.3:168.62E, h0km, mb4.1/8, mb1.4/3/9, mb1mx4.1/32, mbtmp4.1/9, ML3.9/1, MS3.6/1, Ms1.3/6/1, ms1mx2.7/43, Error ellipse: s-maj=72.2km s-min=21.6km az=145.0

ISCJB 27 06:50:25.9-1.5, 21.0S:0.3:168.62E, h0km, mb4.0/8, Error ellipse: s-maj=57.6km s-min=10.4km az=142.3

ISC 27 06:50:26.3-1.1, 21.1S:0.4:168.6E:0.3, h30km, n10, r1526/10, mb4.1/8, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

RSNC 27 06:50:30.3-0.8, 4.38N-73.67W, h4km, 9km, ML1.9, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

BUI 27 07:01:56.4, 28.24N-58.18E, h5km, mb4.9/59, MB5.0/37, Ms4.7/40, Ms7.4/41

IDC 27 07:02:01.6-0.4, 28.20N:58.96E, h0km, mb4.7/48, mb1.4/7/53, mb1mx4.7/82, mbtmp4.7/53, ML4.4/4, MS4.0/42, Ms1.4/0.4/2, ms1mx3.9/69, Error ellipse: s-maj=9.9km s-min=7.7km az=139.0

ISCJB 27 07:02:02.3-0.1, 28.18N:0.02:58.89E:0.02, h14km, mb4.8/144, MS4.1/58, Error ellipse: s-maj=2.4km s-min=2.2km az=160.1

NEIC 27 07:02:03.4-0.3, 28.17N:58.91E, h10km, mb5.0/45, MN5.1(17E), Error ellipse: s-maj=6.8km s-min=5.7km az=154.0

THR 27 07:02:03.4-0.7, 28.15N:59.10E, h14km, 14km, ML4.9, GCMT 27 07:02:03.4-0.7, 28.01N:58.88E, h20km, 1km, MW4.9/68, Moment Tensor Solution, s32c40; s68c100; Duration: 0 Moment tensor: Scale 1012Nm; Mr-1.30; 18; Mw3.18; 12; Mww-1.88; 12; Mlo-0.13; 20; Mbo-0.53; 10; Mw-1.35; 35; Best double couple: M3.12200x1016 NP1:226.00000, 364.00000, -1.151.00000. NP2: 62.122.00000, 364.00000, -1.29.00000. Principal axes: T 3.2340, P1g.0000, Azm3.364000, N-0.2250, P1g52.0000, Azm264.0000, P -3.0100, P1g38.0000, Azm84.0000, nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

MOS 27 07:02:04.2-1.2, 28.08N:58.93E, h33km, mb5.1/60, MS4.0/20, Error ellipse: s-maj=6.1km s-min=3.8km az=105.9

OMAN 27 07:02:06.8-3.1, 28.08N:59.16E, h34km, 27km, Error ellipse: s-maj=10.7km s-min=7.7km az=109.0

CSEM 27 07:02:06.2-0.2, 28.15N:59.01E, h30km, mb4.9/44, MS4.4, Error ellipse: s-maj=6.1km s-min=4.1km az=111.0

TEH 27 07:02:08.4, 28.24N:58.95E, h22km, ML4.9, DSN 27 07:02:08.1, 1.6, 28.07N:58.92E, h30km, mb4.5/12, ML5.4/8, Ms4.4/3, Error ellipse: s-maj=2.9km s-min=0.9km az=299.0

ISC 27 07:02:05.1-0.6, 28.17N:0.03:58.94E:0.03, h22km, 5km, Guana

n57.0,1936/558,mb4.9/152,MS4.0/59,58C-4D,

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various status indicators. Includes stations like NIAN, CHMH, ZHSH, ZHSE, etc.

Table with columns: IGAR, Name, Azimuth, Phase, ID, Time, Res, and various status indicators. Includes stations like ZEFREH, IKLH, IPIR, etc.

Table with columns: AAK, Name, Azimuth, Phase, ID, Time, Res, and various status indicators. Includes stations like ALA-ARCHA, BISHKEK, KARAGAYBULAK, etc.

27d 8h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Suao, Chiawan, Neicheng, etc.

ISCJB 27 07:18:14.2.0.5.28:17N.0.04:59.15E.0.05.h10km, mb3.6/10, Error ellipse: s-maj=7.2km s-min=5.2km az=137.9

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Zahedan, Nian, NGRK, etc.

2011 JAN

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Bafgh, Tejav, Wadi Sarin, etc.

IDC 27 07:18:33.8.2.7.54:18N.86:32E, h0km, mb1 3.1/2, mb1mx3.0/65, mbtmp3.1/2, ML2.6/2, Error ellipse: s-maj=20.6km s-min=11.7km az=64.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Zalesovo, Kurchatov, etc.

IDC 27 07:28:02.9.1.4.34:74N.89:74E, h0km, mb3.5/5, mb1 3.8/10, mb1mx3.5/85, mbtmp3.5/10, ML2.5/4, MS2.8/2, Ms1.2/2, Ms2.1mx2.5/95, Error ellipse: s-maj=58.2km s-min=18.9km az=66.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Shikoku, ISUMI, etc.

1372

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like IDAH, ITEG, etc.

IDC 27 07:54:56.3.3.54:60N.86:35E, h0km, mb1 2.7/2, mb1mx2.7/39, mbtmp2.7/2, ML2.2/2, Error ellipse: s-maj=24.7km s-min=14.3km az=51.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Zalesovo, Kurchatov, etc.

NNC 27 07:56:48.2.0.8.38:69N.69:33E, h0km, mb3.7, mpv3.3, 6C-7D, Error ellipse: s-maj=6.5km s-min=5.2km az=163.0, Tajikistan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like MNAS, BVAR, etc.

CSEM 27 08:14:05.7.0.2.43:17N.18:74E, h2km, ML2.2, Error ellipse: s-maj=4.0km s-min=2.6km az=115.0

PDG 27 08:14:05.9.0.3.43:17N.18:74E, h12km, 1km, MD2.3/2, ML2.2/3, Error ellipse: s-maj=0.6km s-min=1.1km az=0.0

BE0 27 08:14:06.9.0.3.43:15N.18:78E, h0km, M2.1/1, Error ellipse: s-maj=3.0km s-min=1.3km az=157.3

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like UPUM, BRY, etc.

1373

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like GRUS Gruzu, SELS Selova, BLY Banja Luka, etc.

DDA 27 08:14:32.0.38.12N:27.19E, h7km, ML2.6
ATH 27 08:14:31.7.38.07N:27.19E, h29km, MD3.1/8
ISCJJB 27 08:14:32.2.0.38.11N:0.02:27.17E:0.03:1h10km,3km,
Error ellipse: s-maj=3.7km s-min=3.1km az=138.3
CSEM 27 08:14:32.0.1.38.12N:27.16E, h10km, ML2.6, Error
ellipse: s-maj=3.7km s-min=3.1km az=56.0

Main table for 1373 section, listing station codes and seismic data for stations like GCAM, SMG, URLA, etc.

NNC 27 08:14:37.0.1.6.53.85N:88.11E, h3km,9km,mb3.8,
mpv3.5,9C-7D, Error ellipse: s-maj=11.6km
s-min=8.0km az=64.0, Southwestern Siberia

Table for NNC section, listing station codes and seismic data for stations like KURK, KURKB, etc.

2011 JAN

Table for 2011 JAN section, listing station codes and seismic data for stations like VOSK, BVAO, etc.

BUJ 27 08:38:23.8.28.34N:58.57E, h10km, mb5.6/7.8, mb5.9/63,
Ms6.5/95, Ms7.6/3.88
IDC 27 08:38:26.7.0.3.28.17N:59.07E, h0km, mb5.1/67,
mb1.5/171, mb1mx5.1/80, mbtmp5.1/71, ML5.0/4, MS6.1/61,
Ms1.6/161, ms1mx5.0/73, Error ellipse: s-maj=8.0km
s-min=7.4km az=164.0

OMAN 27 08:38:27.9.2.2.28.11N:59.16E, h3km,15km, Error
ellipse: s-maj=10.1km s-min=4.5km az=110.0
ISCJJB 27 08:38:28.2.0.4.28.15N:0.01:58.99E:0.01:1h21km,2km,
mb5.6/331, MS6.2/535, Error ellipse: s-maj=2.3km
s-min=1.6km az=19.5

GCMT 27 08:38:28.7.0.1.28.02N:59.02E, h14km, MW6.2/138,
Moment Tensor Solution. s127.c276; s138.c472;
Duration: 3s1 Moment tensor: Scale 10^18Nm;
Mr=0.20; 01; M0=0.42; 02; M0=0.22; 02; M0=0.20; 03;
M0=0.41; 01; M0=0.50; 04; Best double couple:
M2:42.100x10^18 NP1:221.000000, 585.000000,
lambda-167.000000. NP2:221.000000, 587.000000,
lambda-5.000000. Principal axes: T:2.4790, P1:5.0000,
Azim354.0000; N:-0.1140, P1:976.0000, Azim242.0000;
P:-2.3620, P1:12.0000, Azim86.0000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface/mantle
waves, cutoff=50s.

CSEM 27 08:38:28.7.0.1.28.18N:59.03E, h12km, mb5.9/99, Ms6.1,
MW6.2 Error ellipse: s-maj=2.5km s-min=2.3km az=18.0
NEIC 27 08:38:28.3.0.1.28.20N:59.02E, h10km, mb5.8/14.0,
MS6.2/299, MW6.1, MW6.2, MN6.0(TEH), Error ellipse:
s-maj=4.0km s-min=2.6km az=13.0, Moment Tensor
Solution. s65 Moment tensor: Scale 10^18Nm; Mr=0.14;
M0=1.51; M0=-1.36; M0=1.11; M0=0.47; M0=0.02; Best
double couple: M0:1.500000x10^18 NP1:336.000000,
587.000000, lambda178.000000. NP2:326.000000, 588.000000,
lambda3.000000. Principal axes: T:1.5300, P1:4.0000,
Azim351.0000; N:-0.1500, P1:966.0000, Azim169.0000;
P:-1.4400, P1:0.0000, Azim261.0000; Depth from
synthetic of broadband displacement seismograms.

NEIC Fel at Bam. Also felt at Al Fuayjar, United Arab
Emirates.
THR 27 08:38:28.5.0.9.28.15N:59.09E, h15km, ML5.8
SFS 27 08:38:29.0.28.20N:59.00E, h15km, ML5.9

NEIC 27 08:38:29.0.0.0.28.19N:58.97E, h15km, Moment Tensor
Solution. s38 Moment tensor: Scale 10^18Nm; Mr=0.54;
M0=2.51; M0=-1.97; M0=0.71; M0=0.24; M0=0.15; Best
double couple: M2:30000x10^18 NP1:221.000000,
584.000000, lambda167.000000. NP2:312.000000,
577.000000, lambda5.000000. Principal axes: T:2.6800, P1:3.0000,
Azim177.0000; N:-0.6900, P1:976.0000, Azim19.0000; P:
-1.9900, P1:5.0000, Azim268.0000;
MOS 27 08:38:29.2.1.0.28.10N:59.04E, h33km, mb5.8/99,
MS6.1/108 Error ellipse: s-maj=4.7km s-min=3.0km
az=116.2

TEH 27 08:38:32.8.28.29N:58.95E, h10km, ML6.0
ISC 27 08:38:30.0.3.28.15N:0.02:59.05E:0.02:1h19km,1km,
h18km:pp-P, n2158, r153/2038, mb5.7/346, MS6.2/550,
139C-110D, Southern Iran

Main table for 2011 JAN section, listing station codes and seismic data for stations like NIAN, ZHSF, etc.

Table for 2011 JAN section, listing station codes and seismic data for stations like FAQ, IDAH, etc.

SNR=77
AI Faqa, Dubai 4.60 223 Pn Pn 08 39 39.2 +0.6
SNR=77
Dahanechah 4.63 91 Pn Pn 08 39 39.9 +0.6

SNR=77
Dahanechah 4.63 91 Pn Pn 08 39 39.9 +0.6
comp=Z,86um,0.6s
eAMB AMB 08 41 07.0

comp=E,8um,0.4s
eAMB AMB 08 41 35.1
comp=N,69um,0.7s
eAMB AMB 08 41 35.1

BIDOBID 4.69 190 P Pn 08 39 38.8 -1.0
SNR=192
Bidbid 4.69 190 P Pn 08 39 38.8 -1.0
SNR=192
Tejar 4.74 357 Pn Pn 08 39 40.4 +0.3

Tejar 4.74 357 Pn Pn 08 39 40.4 +0.3
eAMB AMB 08 39 45.7
comp=N,484nm,0.00s
eAMB AMB 08 41 15.4
comp=Z,42um,0.7s
eAMB AMB 08 41 16.0

comp=E,6um,0.2s
eAMB AMB 08 41 16.0
HQHQ 4.81 199 P Pn 08 39 39.5 -2.1
SNR=398
Hoqin 4.81 199 P Pn 08 39 39.5 -2.1

ASUDASUD 4.84 224 Pn Pn 08 39 43.0 +1.0
SNR=77
Al Ashush, Dub 4.84 224 Pn Pn 08 39 43.0 +1.0
SNR=77
Al Ashush, Dub 4.84 224 Pn Pn 08 39 43.0 +1.0

WADI SARIN 4.91 185 Pn Pn 08 39 41.8 -1.1
SNR=77
Wadi Sarin 4.91 185 Pn Pn 08 39 41.8 -1.1
comp=Z,224nm,0.3s,baz=33,slow=13,SNR=364
SN
WSAR 4.91 185 Pn Pn 08 40 41.9 +0.9

IMEHIMEH 5.03 311 Pn Pn 08 39 45.5 +0.7
SNR=77
Mehriz 5.03 311 Pn Pn 08 39 45.5 +0.7
eAMB AMB 08 41 26.7
comp=Z,9um,0.6s
eAMB AMB 08 41 30.0

IMONIMON 5.05 61 Pn Pn 08 39 45.7 +0.6
SNR=77
Monand 5.05 61 Pn Pn 08 39 45.7 +0.6
eAMB AMB 08 41 24.4
comp=Z,62um,0.6s
eAMB AMB 08 41 25.9

SMDSMD 5.15 190 P Pn 08 39 45.1 -1.2
SNR=542
Samad 5.15 190 P Pn 08 39 45.1 -1.2
SMDSMD 5.15 190 P Pn 08 40 45.1 -0.3
SNR=542
Samad 5.15 190 P Pn 08 39 45.1 -1.2

SMDSMD 5.15 190 P Pn 08 40 45.1 -0.3
SNR=542
Samad 5.15 190 P Pn 08 39 45.1 -1.2
ARQARQ 5.31 206 P Pn 08 39 49.2 +0.8
SNR=219
Arabi 5.31 206 P Pn 08 39 49.2 +0.8

ARQARQ 5.31 206 P Pn 08 39 49.2 +0.8
SNR=219
Arabi 5.31 206 P Pn 08 39 49.2 +0.8
ARQARQ 5.31 206 P Pn 08 40 51.0 +1.9
SNR=219
Arabi 5.31 206 P Pn 08 39 49.2 +0.8

ARQARQ 5.31 206 P Pn 08 40 51.0 +1.9
SNR=219
Arabi 5.31 206 P Pn 08 39 50.3 +1.2
SNR=219
Ghir-Karzin 5.35 273 Pn Pn 08 39 50.3 +1.2

WBKWBK 5.52 181 P Pn 08 39 50.2 -1.1
SNR=2040
Wadi Bani Khal 5.52 181 P Pn 08 40 53.3 -1.0
SNR=1000
Wadi Bani Khal 5.52 181 P Pn 08 39 50.2 -1.1

WBKWBK 5.52 181 P Pn 08 40 53.3 -1.0
SNR=1000
Wadi Bani Khal 5.52 181 P Pn 08 39 54.1 +2.5
SNR=1000
IPARIPAR 5.52 289 Pn Pn 08 41 43.3
comp=N,7um,0.5s
eAMB AMB 08 41 46.2

IPARIPAR 5.52 289 Pn Pn 08 41 43.3
comp=N,7um,0.5s
eAMB AMB 08 41 46.2
IPARIPAR 5.52 289 Pn Pn 08 41 46.2
comp=Z,69um,0.0s
eAMB AMB 08 41 47.6

SHRTRSHR 5.58 11 Pn Pn 08 39 52.8 +0.6
SNR=661
Shahrakht 5.58 11 Pn Pn 08 39 52.8 +0.6
BSYBSY 5.64 198 P Pn 08 39 53.4 +0.4
SNR=661
Bisyah 5.64 198 P Pn 08 41 00.0 +2.8

BSYBSY 5.64 198 P Pn 08 39 53.4 +0.4
SNR=661
Bisyah 5.64 198 P Pn 08 39 53.4 +0.4
ICHCHEK 5.73 317 Pn Pn 08 39 55.6 +1.3
SNR=661
Chekchek 5.73 317 Pn Pn 08 41 47.5
comp=Z,26um,0.5s
eAMB AMB 08 41 47.5

ICHCHEK 5.73 317 Pn Pn 08 39 55.6 +1.3
SNR=661
Chekchek 5.73 317 Pn Pn 08 41 47.5
comp=N,9um,0.6s
eAMB AMB 08 41 55.8
ICHCHEK 5.73 317 Pn Pn 08 39 55.0 -0.4
SNR=544
Jabal Madar 5.82 189 P Pn 08 39 55.0 -0.4

JMDOJMD 5.82 189 P Pn 08 39 55.0 -0.4
SNR=544
Jabal Madar 5.82 189 P Pn 08 39 55.0 -0.4
IKAZKAZ 6.52 286 Pn Pn 08 40 06.4 +1.0
SNR=163
Kazeroun 6.52 286 Pn Pn 08 40 06.4 +1.0
comp=N,24um,0.4s
eAMB AMB 08 42 37.2

IKAZKAZ 6.52 286 Pn Pn 08 40 06.4 +1.0
SNR=163
Kazeroun 6.52 286 Pn Pn 08 40 06.4 +1.0
comp=N,24um,0.4s
eAMB AMB 08 42 37.2
NASNNAS 7.11 312 Pn Pn 08 40 14.5 +1.1
SNR=544
Na'in 7.11 312 Pn Pn 08 40 14.5 +1.1
ICARICAR 7.48 317 Pn Pn 08 40 19.2 +0.7
SNR=544
Gharneh 7.48 317 Pn Pn 08 40 19.2 +0.7

IZEFIZEF 7.48 311 Pn Pn 08 42 39.2
eAMB AMB 08 43 03.0
comp=N,28um,0.6s
eAMB AMB 08 43 03.0
IZEFIZEF 7.94 21 Pn Pn 08 40 26.1 +1.3
SNR=544
Moghan 7.94 21 Pn Pn 08 40 26.1 +1.3
comp=E,74um,1.0s
eAMB AMB 08 43 16.6

Table with columns: Station Name, Frequency, Band, Power, and other technical details. Includes stations like SFRayn, Emangholi, Shalim, etc.

Table with columns: Station Name, Frequency, Band, Power, and other technical details. Includes stations like Dehra Dun, Gani, Bhopal, etc.

Table with columns: Station Name, Frequency, Band, Power, and other technical details. Includes stations like Tokmak 2, Khabaz, Fokeh, etc.

ATD	Arta Tunnel	22.44 226 P	P	08 43 30.4 +2.3
ATD	comp-Z,257nm,1.0s,baz=34,slow=6,SNR=24			
SHLS	Shalkode	22.51 43 i P	P	08 43 28.1 -0.8
SHLS	comp-Z,2um,1.3s			
OTUK	Ortayu	22.55 24 P	P	08 43 27.7 -1.3
OTUK	comp-Z,454nm,1.5s			
GKN	Gorkha	22.57 84 eP	P	08 43 30.8 +1.3
CSS	Mathiats	22.91 294 P	P	08 43 32.9 +0.9
CSS	Mathiats	22.91 294 eP	P	08 43 32.9 0.0
CSS	comp-Z,130nm,1.1s			
CSS	comp-Z,130nm,1.1s			
DMN	Daman	23.03 85 eP	P	08 43 34.8 +0.3
DMN	comp-Z,5um,1.7s			
KKN	Kakani	23.16 85 eP	P	08 43 36.1 +0.4
KKN	comp-Z,2um,1.1s			
SZAC	Souni	23.24 293 P	P	08 43 37.9 +1.6
PKIN	Phulchoki	23.29 85 eP	P	08 43 37.7 +0.6
PVM	Polavaram	23.44 113 eP	P	08 43 39.7 +1.3
PVM	comp-Z,260nm,1.2s			
PVM	IVMS_BB	08 47 54.0 +3.1		
ALFC	Alefka	23.53 294 P	P	08 43 43.6 +4.4
GUN	Gumba	23.67 84 eP	P	08 43 41.8 +0.6
GUN	comp-Z,5um,1.7s			
PPCY	Paphos	23.70 293 P	P	08 43 41.4 +0.7
ANN	Anapa	23.93 320 eP	P	08 43 41.8 -1.1
ANN	comp-Z,472nm,1.5s			
ANN	comp-E,23um,18.0s			
ANN	comp-Z,45um,18.0s			
ANN	comp-N,25um,18.0s			
ANN	Anapa	23.93 320 eP	P	08 43 41.8 -1.1
ANN	comp-N,472nm,1.5s			
BR101	Keeskin Array S	23.95 305 eP	P	08 43 42.0 -1.4
BR101	Keeskin Array S	23.95 305 eP	P	08 43 42.0 -1.4
BR131	Keeskin Array S	23.95 305 eP	P	08 43 41.9 -1.4
BR131	Keeskin Array S	23.95 305 eP	P	08 43 41.9 -1.4
BRTR	Keeskin Array B	23.95 305 P	P	08 43 42.0 -1.4
BRTR	comp-N,32nm,1.0s,baz=122,slow=9.4,SNR=67			
JIRN	Jiri	23.97 85 eP	P	08 43 44.4 +0.5
SKHT	Skrikalasti	23.98 122 eP	P	08 43 44.2 +0.7
SKHT	comp-Z,1um,2.1s			
SKHT	IVMS_BB	08 48 03.2 +3.5		
BRZS	Berezni	24.16 22 P	P	08 43 49.6 +4.7
BRZS	comp-Z,13um,10.7s			
BRZS	IVMS_BB	08 55 09.8		
RAMN	Ramite	24.44 86 eP	P	08 43 48.0 -0.1
BOK	Bokaro	24.49 94 eP	P	08 43 48.6 +0.4
BOK	comp-Z,708nm,1.1s			
VIS	Vishakhapatnam	24.60 110 eP	P	08 43 50.3 +1.0
VIS	comp-Z,325nm,1.4s			
ANTO	Ankara	24.61 305 eP	P	08 43 48.7 -0.6
ANTO	comp-Z,339nm,1.3s			
ANTO	comp-Z,36um,22.0s			
ANTO	Ankara	24.61 305 eP	P	08 43 48.7 -0.6
ANTO	comp-Z,36um,22.0s			
ANTO	Ankara	24.61 305 eP	P	08 43 48.7 -0.6
ANTO	comp-Z,339nm,1.3s			
BR231	Keeskin MP Arra	24.62 305 eP	P	08 43 48.9 -0.5
BR231	Keeskin MP Arra	24.62 305 eP	P	08 43 48.9 -0.5
MDRS	Chennai	24.81 123 eP	P	08 43 52.7 +1.5
MDRS	comp-Z,156nm,1.1s			
CHLP	Challavanipeta	24.84 107 eP	P	08 43 51.8 +0.3
CHLP	comp-Z,740nm,1.4s			
CHLP	IVMS_BB	08 48 16.7 +3.1		
CHLP	IVMS_BB	08 54 45.3		
ODAN	Odare	25.15 86 eP	P	08 43 54.4 -0.1
TAPN	Taplejung	25.35 85 eP	P	08 43 56.4 0.0
BWNR	Bhubaneshwar	25.58 102 eP	P	08 43 59.8 +1.7
BWNR	comp-Z,2um,1.4s			
ISP	Isparta	25.72 299 iP	P	08 44 00.2 +0.8
ISP	Isparta	25.72 299 iP	P	08 44 00.2 +0.8
ISP	Isparta	25.72 299 eP	P	08 43 59.0 -0.4
ISP	Isparta	25.72 299 eP	P	08 43 59.4 0.0
TRD	Trivandrum	25.83 136 eP	P	08 44 02.4 +2.0
TRD	comp-Z,233nm,1.3s			
ZRNK	Zerenda	25.85 14 eP	P	08 44 00.5 +0.2
ZRNK	comp-Z,732nm,1.4s			
ZRNK	Zerenda	25.85 14 eP	P	08 44 00.5 +0.2
ZRNK	comp-Z,732nm,1.4s			
MAKZ	Makanchi	25.88 38 eP	P	08 44 00.4 -0.3
MAKZ	comp-Z,332nm,1.4s			
MAKZ	Makanchi	25.88 38 eP	P	08 44 00.4 -0.3
MAKZ	comp-Z,307nm,1.3s			
MAKZ	Makanchi	25.88 38 eP	P	08 44 00.4 -0.3
MAKZ	comp-Z,115um,18.0s			
MAKZ	Makanchi	25.88 38 eP	P	08 44 00.4 -0.3
MAKZ	comp-Z,15um,18.0s			
MAKZ	Makanchi	25.88 38 eP	P	08 44 00.4 -0.3
MAKZ	comp-Z,307nm,1.3s			
SIM	Simferopol	25.97 317 d i P	P	08 44 01.3 -0.2
SIM	comp-Z,115um,18.0s			
SIM	Simferopol	25.97 317 eP	P	08 48 29.0 -2.0
SIM	comp-Z,142nm,0.8s			
SIM	comp-Z,31um,17.2s			
SIM	Simferopol	25.97 317 i P	P	08 44 01.3 -0.2
SIM	comp-Z,142nm,0.8s			
MK31	Makanchi Array	26.04 38 i P	P	08 44 01.5 -0.6
MK31	comp-Z,91nm,0.9s			
MK31	Makanchi Array	26.04 38 i P	P	08 44 01.5 -0.6
MK31	comp-Z,91nm,0.9s			
MK32	Makanchi Array	26.04 38 eP	P	08 44 01.9 -0.2
MK32	comp-Z,91nm,0.9s			
MK32	Makanchi Array	26.04 38 eP	P	08 44 01.9 -0.2
MK32	comp-Z,91nm,0.9s			
MK32	Makanchi Array	26.04 38 eP	P	08 44 01.9 -0.2
MK32	comp-Z,91nm,0.9s			
MKAR	Makanchi Array	26.04 38 eP	P	08 47 33.6 +3.8
MKAR	comp-Z,19nm,0.6s,baz=225,slow=8.0,SNR=59			
MKAR	Makanchi Array	26.04 38 eP	P	08 47 33.6 +3.8
MKAR	comp-Z,4.3nm,0.8s,baz=230,slow=9.0,SNR=1.9			
MKAR	comp-Z,88um,18.6s,baz=234,slow=39			
MKAR	comp-Z,1.4nm,1.0s,baz=62,slow=3.1,SNR=3.6			
VOSK	Vostochnaya	26.10 17 P	P	08 44 02.1 -0.5
VOSK	comp-Z,303nm,1.1s			
VOSK	Vostochnaya	26.10 17 P	P	08 44 02.1 -0.5
VOSK	comp-Z,303nm,1.1s			
VOSK	Vostochnaya	26.10 17 PFAKE	P	08 44 10.0 +7.4
VOSK	comp-Z,303nm,1.1s			

KSL	Kastellorizon	26.12 295 P	P	08 44 02.2 -0.7
KSL	Kastellorizon	26.12 295 P	P	08 44 02.2 -0.7
KSL	Kastellorizon	26.12 295 P	P	08 44 02.2 -0.7
BVAR	Borovoye Array	26.23 16 P	P	08 44 03.8 +0.1
BVAR	comp-Z,65nm,0.8s,baz=198,slow=7.0,SNR=260			
BVAR	Borovoye	26.24 15 i P	P	08 47 35.8 +5.7
BVAR	comp-Z,2.9nm,0.4s,baz=198,slow=3.3,SNR=5.7			
BRVK	Borovoye	26.24 15 i P	P	08 44 02.9 -0.9
BRVK	comp-Z,643nm,1.1s			
BRVK	Borovoye	26.24 15 P	P	08 44 04.2 +0.4
BRVK	comp-Z,2um,1.1s,SNR=142			
BRVK	Borovoye	26.24 15 P	P	08 44 04.2 +0.4
BRVK	SNR=173			
BRVK	Borovoye	26.24 15 eP	P	08 44 03.2 -0.6
BRVK	comp-Z,322nm,1.0s			
BRVK	Borovoye	26.24 15 eP	P	08 44 03.2 -0.6
BRVK	comp-Z,322nm,1.0s			
VRH	Novokhopovsk	26.48 335 eP	P	08 44 05.8 -0.1
VRH	comp-Z,111um,19.0s			
VRH	Novokhopovsk	26.48 335 eP	P	08 44 05.8 -0.1
VRH	comp-Z,150nm,0.8s			
VRH	Novokhopovsk	26.48 335 eP	P	08 44 05.8 -0.1
VRH	comp-Z,32um,22.0s			
KURBB	Kurchatov Arra	26.86 28 P	P	08 44 09.5 0.0
KURBB	comp-Z,1.6nm,0.7s,baz=223,slow=8.9,SNR=104			
KURBB	Kurchatov	26.86 28 P	P	09 16 53.8
KURBB	comp-Z,1.7nm,0.9s,baz=39,slow=4.7,SNR=5.6			
CHKZ	Chkalovo	26.89 15 P	P	08 44 08.9 -0.7
CHKZ	comp-Z,166nm,1.0s			
CHKZ	Chkalovo	26.89 15 P	P	08 44 08.9 -0.7
CHKZ	comp-Z,166nm,1.0s			
AAE	Adis Abeba	26.96 229 i P	P	08 44 17.4 +6.4
KURK	Kurchatov	26.97 28 eP	P	08 44 10.3 -0.1
KURK	comp-Z,101um,19.0s			
KURK	Kurchatov	26.97 28 P	P	08 44 10.3 -0.1
KURK	SNR=18			
KURK	Kurchatov	26.97 28 P	P	08 44 10.8 +0.3
KURK	comp-Z,510nm,1.3s,SNR=18			
KURK	Kurchatov	26.97 28 eP	P	08 44 10.3 -0.1
KURK	comp-Z,700nm,19.0s			
KURK	Kurchatov	26.97 28 eP	P	08 44 10.3 -0.1
KURK	comp-Z,700nm,19.0s			
FURI	Furi	27.12 229 eP	P	08 44 16.2 +3.7
FURI	comp-Z,101um,19.0s			
FURI	Furi	27.12 229 eP	P	08 49 03.9 +1.4
FURI	Furi	27.12 229 eP	P	08 44 16.1 +3.6
FURI	Furi	27.12 229 eP	P	08 49 04.2 +1.4
WORD	Divnogorie	27.27 332 eP	P	08 44 11.6 -1.2
WORD	comp-Z,30nm,1.1s			
WORD	Divnogorie	27.27 332 eP	P	08 44 11.6 -1.2
WORD	comp-Z,30um,17.0s			
WORD	Divnogorie	27.27 332 eP	P	08 44 11.6 -1.2
WORD	comp-Z,30um,17.0s			
ARG	Arkhangelos	27.30 295 P	P	08 44 13.5 0.0
ARG	Arkhangelos	27.30 295 P	P	08 44 13.5 0.0
ARG	Arkhangelos	27.30 295 P	P	08 44 13.5 0.0
ARG	Arkhangelos	27.30 295 P	P	08 44 13.5 0.0
SEM	Semipalatinsk	27.45 30 i P	P	08 44 16.1 +1.4
SEM	comp-Z,638nm,1.6s			
SEM	Semipalatinsk	27.45 30 i P	P	08 49 04.1 +1.0
SEM	Semipalatinsk	27.45 30 i P	P	08 55 39.9
VSR	Storzhevo	27.48 332 eP	P	08 44 13.8 -1.2
VSR	comp-Z,23um,12.9s			
VSR	Storzhevo	27.48 332 eP	P	08 44 13.8 -1.2
VSR	comp-Z,30nm,0.7s			
VSR	Storzhevo	27.48 332 eP	P	08 44 13.8 -1.2
VSR	comp-Z,34um,19.0s			
ZSN	Zaisan	27.59 39 i P	P	08 44 18.8 +2.7
ZSN	comp-Z,702nm,1.3s			
ZSN	Zaisan	27.59 39 i P	P	08 49 08.0 +1.1
ZSN	comp-Z,702nm,1.3s			
WMQ	Urumqi	27.78 48 i P	P	08 44 18.0 +0.1
WMQ	comp-Z,23um,9.4s			
WMQ	Urumqi	27.78 48 i P	P	08 44 18.0 +0.1
WMQ	comp-Z,23um,9.4s			
WMQ	Urumqi	27.78 48 i P	P	08 45 08.0 +4.0
WMQ	comp-Z,23um,9.4s			
WMQ	Urumqi	27.78 48 i P	P	08 49 00.0 +0.2
WMQ	comp-Z,23um,9.4s			
WMQ	Urumqi	27.78 48 i P	P	08 50 18.5 +5.8
WMQ	comp-Z,23um,9.4s			
WMQ	comp-Z,260nm,1.1s			
WMQ	comp-Z,890nm,3.5s			
WMQ	comp-Z,81um,12.0s			
WMQ	comp-Z,90um,15.0s			
WMQ	comp-Z,57um,12.0s			
VORR	Voronezh	27.82 333 eP	P	08 44 18.0 0.0
VORR	comp-Z,57um,12.0s			
VORR	Voronezh	27.82 333 eP	P	08 44 18.0 0.0
VORR	comp-Z,57um,12.0s			
VORR	Voronezh	27.82 333 eP	P	08 44 18.0 0.0
VORR	comp-Z,57um,12.0s			
KARP	Karpathos	27.92 333 e		

AREO	eS	S	08 53 30.5 -1.2				
AREO	eSS	SS	08 56 57.3 +1.6				
AREO	ARCESS Array S	45.72 344 eP	08 46 49.0 -0.7				
	SNR=24						
AREO	eS	S	08 53 30.5 -1.2				
	SNR=26						
AREO	eSS	SS	08 56 57.3 +1.6				
	SNR=30						
AREO	ARCESS Array S	45.72 344 eP	08 46 50.4 +0.7				
	comp=Z,329nm,1.9s						
NA001	NORSAR Array S	45.76 329 eP	08 46 49.3 -0.8				
NA001	NORSAR Array S	45.76 329 eP	08 46 49.4 -0.8				
NB002	NORSAR Array S	45.86 330 eP	08 46 50.1 -0.8				
NB002	NORSAR Array S	45.86 330 eP	08 46 50.1 -0.8				
NB003	NORSAR Array S	45.89 330 eP	08 46 51.0 -0.1				
NB000	NORSAR Array S	45.89 330 eP	08 46 51.0 -0.1				
KONO	Kongsberg	45.91 328 eP	08 46 55.4 -1.6				
KONO	eS	S	08 53 32.0 -2.6				
KONO	eSS	SS	08 57 03.8 +4.7				
KONO	IAMS_20	IAMS_20	09 08 34.1				
KONO	Kongsberg	45.91 328 eP	08 46 51.1 -0.1				
	comp=Z,22um,20.8s						
KONO	comp=Z,51nm,1.3s	MLR	MLR				
KONO	comp=Z,22um,21.0s	MLR	MLR				
KONO	Kongsberg	45.91 328 eP	08 46 51.1 -0.1				
	comp=Z,22um,21.0s						
KONO	SNR=156	eP	pP	08 46 55.4 -1.6			
KONO	SNR=26	eS	S	08 53 32.0 -2.6			
KONO	Kongsberg	45.91 328 eP	08 46 51.1 -0.1				
	comp=Z,51nm,1.3s						
KONO	comp=Z,22um,21.0s	LR	LR				
KTK1	Kautokeino	45.91 343 eP	08 46 52.7 +1.6				
KTK1	Kautokeino	45.91 343 eP	08 56 59.6 +0.7				
KTK1	Kautokeino	45.91 343 eP	08 46 52.7 +1.6				
HOMB	Homborsund	45.98 325 eP	08 46 52.8 +1.1				
HOMB	Homborsund	45.98 325 eP	08 53 34.1 -1.4				
HOMB	Homborsund	45.98 325 eP	08 57 02.2 +2.0				
HOMB	Homborsund	45.98 325 eP	08 46 52.8 +1.1				
HOMB	SNR=24	eS	S	08 53 34.1 -1.4			
HOMB	SNR=26	eSS	SS	08 57 02.2 +2.0			
NC204	NORSAR Array S	45.99 330 eP	08 46 51.2 -0.8				
NC204	NORSAR Array S	45.99 330 eP	08 46 51.1 -0.8				
BCLA	Clavier	45.99 314 eP	08 46 49.8 -2.2				
	comp=Z,30nm,1.2s						
BCLA	Clavier	45.99 314 eP	08 46 49.8 -2.2				
	comp=Z,30nm,1.2s						
SSB	Saint Sauveur	46.03 307 eP	08 46 51.0 -1.5				
SSB	Saint Sauveur	46.03 307 eP	08 46 51.0 -1.5				
SSB	comp=Z,154nm,0.8s	MLR	MLR				
SSB	comp=Z,7um,22.0s	MLR	MLR				
SSB	Saint Sauveur	46.03 307 eP	08 46 50.3 -2.2				
SSB	Saint Sauveur	46.03 307 eP	08 46 51.0 -1.5				
SSB	comp=Z,154nm,0.8s						
SSB	comp=Z,154nm,0.8s	LR	LR				
MAHO	Mahon	46.25 300 iS	08 53 36.5 -3.5				
IPM	Ipho	46.30 113 eP	08 46 54.0 -0.9				
	comp=Z,210nm,1.2s						
IPM	Ipho	46.30 113 eP	08 46 54.2 -0.7				
	comp=Z,159nm,1.2s						
IPM	Ipho	46.30 113 eP	08 46 54.0 -0.9				
	comp=Z,210nm,1.2s						
DOU	Dourbes	46.40 314 eP	08 46 55.6 +0.4				
	comp=Z,35nm,1.5s						
DOU	Dourbes	46.40 314 eP	08 46 55.6 +0.4				
	comp=Z,35nm,1.5s						
COLF	Collangettes	46.63 307 eP	08 46 56.2 -1.1				
COLF	Collangettes	46.63 307 eP	08 46 56.2 -1.1				
SNART	Snartemo	46.65 325 eS	08 53 44.1 -1.1				
SNART	Snartemo	46.65 325 eS	08 57 11.6 +0.4				
SNART	Snartemo	46.65 325 eS	08 53 44.1 -1.1				
SNART	SNR=26	eSS	SS	08 57 11.6 +0.4			
SNF	Senefte	46.65 314 eP	08 46 58.3 +1.1				
SNF	Senefte	46.65 314 eP	08 46 58.3 +1.1				
CIT	Chita	46.70 44 eP	08 46 58.2 +0.6				
CIT	e		08 47 09.0				
CIT	e		08 48 46.6				
CIT	e		08 49 26.2				
CIT	comp=Z,189nm,1.9s	MLR	MLR				
CIT	Chita	46.70 44 eP	08 46 58.2 +0.6				
	comp=Z,189nm,1.9s						
PLDF	La Plantade	46.70 308 eP	08 46 57.1 -0.7				
PLDF	La Plantade	46.70 308 eP	08 46 57.1 -0.7				
MOR8	Moi Rana	46.82 337 eP	08 46 57.0 -1.4				
MOR8	Moi Rana	46.82 337 eP	08 47 03.8				
MOR8	comp=Z,259nm,1.7s						
MOR8	Moi Rana	46.82 337 eP	08 46 57.0 -1.4				
	SNR=24						
AKET	Djebel Ketaf	46.87 294 eP	08 46 58.3 -1.0				
AKET	Djebel Ketaf	46.87 294 eP	08 46 58.3 -1.0				
PBSI	Pulau Batu	46.88 120 eP	08 47 01.3 +1.9				
	comp=Z,229nm,1.2s						
NSS	Namsos	46.91 334 eS	08 53 48.4 -0.4				
NSS	Namsos	46.91 334 eS	08 57 15.0 -0.2				
NSS	Namsos	46.91 334 eS	08 53 48.4 -0.4				
NSS	SNR=26	eSS	SS	08 57 15.0 -0.2			
NSS	SNR=29	eS	S	08 46 58.9 -0.8			
LBL	Lubilhac	46.94 307 eP	08 46 58.9 -0.8				
LBL	Lubilhac	46.94 307 eP	08 46 58.9 -0.8				
HAMF	Hammerfest	46.95 345 eP	08 46 56.3 -3.0				
HAMF	Hammerfest	46.95 345 eP	08 48 48.7 +0.9				
HAMF	Hammerfest	46.95 345 eP	08 53 38.0				
HAMF	Hammerfest	46.95 345 eP	08 57 16.8 +1.0				
HAMF	Hammerfest	46.95 345 eP	08 46 56.3 -3.0				
TBLU	Trondheim	47.02 332 eP	08 46 59.6 -0.3				
TBLU	Trondheim	47.02 332 eP	08 57 19.9 +2.8				
TBLU	Trondheim	47.02 332 eP	08 46 59.6 -0.3				
DOMB	Dombras	47.04 330 eP	08 47 02.0 +1.8				
DOMB	Dombras	47.04 330 eP	08 53 51.8 +0.9				
DOMB	IAMS_20	IAMS_20	09 10 18.3				
AGO	Saint Agoulin	47.05 308 eP	08 46 59.9 -0.5				
AGO	Saint Agoulin	47.05 308 eP	08 46 59.9 -0.5				
PYM	Petit Puy Mans	47.12 308 eP	08 47 00.3 -0.8				
PYM	Petit Puy Mans	47.12 308 eP	08 47 00.3 -0.8				
QIZ	Qiongzhou	47.14 90 eP	08 47 00.5 -1.1				
QIZ	Qiongzhou	47.14 90 eP	08 47 05.3 -2.0				
QIZ	Qiongzhou	47.14 90 eP	08 47 07.5 -2.1				
QIZ	Qiongzhou	47.14 90 eP	08 48 53.0 +0.6				
QIZ	Qiongzhou	47.14 90 eP	08 53 51.8 -1.5				
QIZ	comp=Z,15um,20.9s	LR	LR				
QIZ	comp=Z,11um,23.9s	LR	LR				
QIZ	comp=Z,12um,18.0s	LR	LR				
QIZ	Qiongzhou	47.14 90 eP	08 47 00.4 -1.1				
QIZ	Qiongzhou	47.14 90 eP	08 47 00.4 -1.1				
	comp=Z,272nm,1.6s						
QIZ	Qiongzhou	47.14 90 eP	08 47 00.4 -1.1				
	comp=Z,272nm,1.6s						
ADJB	Djebel Djouab	47.21 294 eP	08 47 02.4 +0.4				
ADJB	Djebel Djouab	47.21 294 eP	08 47 02.4 +0.4				
BLSS	Blasjo	47.34 326 eP	08 47 03.6 +1.1				
BLSS	Blasjo	47.34 326 eP	08 47 03.6 +1.1				
BLSS	comp=Z,27um,20.4s	IAMS_20	IAMS_20	09 09 17.1			
BLSS	Blasjo	47.34 326 eP	08 47 03.6 +1.1				
	SNR=24						
MNSI	Mandailing Nat	47.34 118 eP	08 47 04.3 +1.2				
ODD1	Odda	47.41 327 eP	08 47 05.0 +1.9				
ODD1	Odda	47.41 327 eP	08 53 55.6 -0.7				
ODD1	Odda	47.41 327 eP	08 48 45.1				
FRNF	Fournols	47.43 307 eP	08 47 03.4 0.0				
FRNF	Fournols	47.43 307 eP	08 47 03.4 0.0				
FILE	Fillols	47.43 303 eP	08 47 03.5 -0.1				

FILE	Fillols	47.43 303 eP	08 47 03.5 -0.1				
ABA	Alger-Bouzarea	47.46 295 eP	08 47 03.4 -0.4				
ABA	Alger-Bouzarea	47.46 295 eP	08 47 03.4 -0.4				
TRO	Tromso	47.47 342 eP	08 47 00.1 -3.2				
TRO	Tromso	47.47 342 eP	08 53 53.8 -2.8				
TRO	Tromso	47.47 342 eP	08 57 26.5 +2.5				
TRO	Tromso	47.47 342 eP	09 09 50.2				
TRO	comp=Z,36um,18.5s	IAMS_20	IAMS_20	09 09 50.2			
EMF	Djebel Mahouad	47.60 295 eP	08 47 06.4 +1.4				
CARF	Carancieres	47.77 303 eP	08 47 05.6 -0.6				
CARF	Carancieres	47.77 303 eP	08 47 05.6 -0.6				
VALF	Valcebollere	47.84 303 eP	08 47 05.5 -1.3				
VALF	Valcebollere	47.84 303 eP	08 47 05.5 -1.3				
WPO	Ambohadratempo	47.84 195 eP	08 47 07.6 +0.7				
	comp=Z,74nm,1.0s						
Wuhan	Wuhan	47.85 73 eP	08 47 07.0 +0.1				
	SNR=9.8						
WHN	WHN	47.85 73 eP	08 47 12.8 +0.1				
WHN	WHN	47.85 73 eP	08 54 10.0 -2.2				
WHN	WHN	47.85 73 eP	08 54 10.0 -2.2				
WHN	comp=Z,48um,13.8s	LR	LR				
WHN	comp=Z,48um,15.2s	LR	LR				
WHN	WHN	47.85 73 eP	08 47 05.2 -1.4				
KMY	Karmoy	47.88 326 eP	08 47 05.2 -1.4				
KMY	Karmoy	47.88 326 eP	08 47 05.2 -1.4				
KMY	Karmoy	47.88 326 eP	08 47 05.2 -1.4				
KMY	SNR=24	eS	S	08 54 01.2 -1.5			
KMY	Molde	47.89 331 eS	08 54 02.2 -0.7				
MOL	Molde	47.89 331 eS	08 54 02.2 -0.7				
MOL	Molde	47.89 331 eS	08 54 02.2 -0.7				
AKN	Aaknes	47.99 330 eP	08 47 04.0 -3.5				
AKN	Aaknes	47.99 330 eP	08 54 05.2 +0.8				
AKN	Aaknes	47.99 330 eP	08 57 40.1 +7.1				
AKN	Aaknes	47.99 330 eP	09 09 53.1				
AKN	comp=Z,19um,21.7s	IAMS_20	IAMS_20	09 09 53.1			
HYA	Hoyanger	48.02 329 eP	08 47 09.2 +1.6				
HYA	Hoyanger	48.02 329 eP	08 48 58.5 +1.1				
HYA	Hoyanger	48.02 329 eP	08 54 05.5 +0.8				
HYA	Hoyanger	48.02 329 eP	08 57 35.3 +2.1				
HYA	Hoyanger	48.02 329 eP	08 47 09.2 +1.6				
BJT	Baijiatou	48.03 60 eP	08 47 08.3 +0.2				
BJT	Baijiatou	48.03 60 eP	08 47 08.3 +0.2				
BJT	comp=Z,56nm,0.9s	MLR	MLR				
BJT	Baijiatou	48.03 60 eP	08 47 08.3 +0.2				
BJT	Baijiatou	48.03 60 eP	08 47 08.3 +0.2				
BJT	comp=Z,37um,18.0s						

CNCC CNCC	comp=Z,10um,21.0s Cliffs of the	104.98 325	PFAKE LR LR	08 52 50.0 +14
D05A D05A	comp=Z,6um,19.0s Enunclaw	105.01 1	PFAKE LR LR	08 52 50.0 +14
ECSD ECSD	comp=Z,12um,20.0s EROS Data Cent	105.06 342	PFAKE LR LR	08 57 00.0
MSO MSO	comp=Z,12um,22.0s Missoula	105.10 355	PFAKE LR LR	08 57 00.0
LON LON	comp=Z,12um,22.0s Longmire	105.45 1	PFAKE LR LR	08 57 00.0
HDIL HDIL	comp=Z,9um,20.0s Hopedale	105.59 335	PFAKE LR LR	08 57 00.0
E03A E03A	comp=Z,9um,21.0s Lebam	105.62 2	PFAKE LR LR	08 57 00.0
CAN CAN	comp=Z,8um,21.0s Canberra	105.63 122	PFAKE LR LR	08 57 00.0
E07A E07A	comp=Z,6um,21.0s Sunnyside	105.64 359	PFAKE LR LR	08 57 00.0
H26A H26A	comp=Z,8um,20.0s Fairpoint bazz=19	105.70 347	P PKIKP	08 56 51.4 -1.0
ARMA ARMA	comp=Z,7um,21.0s Armidade	105.71 116	PFAKE LR LR	08 57 00.0
BLO BLO	comp=Z,7um,20.0s Bloomington	105.72 333	PFAKE LR LR	08 57 00.0
I29A I29A	comp=Z,6um,18.0s Vivian Onida	105.73 345	P PKIKP	08 56 51.9 -0.6
SCIA SCIA	comp=Z,10um,20.0s State Center	105.73 339	PFAKE LR LR	08 57 00.0
HAWA HAWA	comp=Z,9um,21.0s Hanford	105.80 359	PFAKE LR LR	08 57 00.0
H25A H25A	comp=Z,9um,21.0s Fruitdale	105.86 347	P PKIKP	08 56 51.7 -1.0
K34A K34A	comp=Z,12um,20.0s Le Mars	105.89 341	P PKIKP	08 56 52.6 -0.2
I28A I28A	comp=Z,12um,20.0s Midland	105.95 345	P PKIKP	08 56 52.5 -0.4
BOZ BOZ	comp=Z,10um,21.0s Bozeman (W)	106.07 353	PFAKE LR LR	08 57 00.0
F10A F10A	comp=Z,10um,21.0s Beach Ranch, E	106.15 357	PFAKE LR LR	08 57 00.0
F03A F03A	comp=Z,12um,22.0s Seaside	106.23 2	PFAKE LR LR	08 57 00.0
F04A F04A	comp=Z,9um,19.0s Amboy	106.26 1	PFAKE LR LR	08 57 00.0
RLMT RLMT	comp=Z,12um,20.0s Red Lodge	106.31 351	PFAKE LR LR	08 57 00.0
RSSD RSSD	comp=Z,14um,21.0s Black Hills	106.43 347	PFAKE LR LR	08 57 00.0
WCI WCI	comp=Z,10um,21.0s Wyandotte Cave	106.43 332	PFAKE LR LR	08 57 00.0
DLMT DLMT	comp=Z,8um,21.0s Dillon	106.44 354	PFAKE LR LR	08 57 00.0
TZTN OLIL	comp=Z,7um,19.0s Tazewell	106.66 329	ePdf PFAKE	08 52 42.2 -1.7
OLIL OLIL	comp=Z,7um,19.0s Olney	106.72 334	PFAKE LR LR	08 57 00.0
KMSC KMSC	comp=Z,7um,20.0s Kings Mountain	106.77 327	P PKIKP	08 56 54.3 -0.3
J27A J27A	comp=Z,11um,21.0s Elkhorn Farm, bazz=17	106.84 346	P PKIKP	08 56 54.2 -0.5
ANWB ANWB	comp=Z,9um,19.0s Wilby Bob	106.86 301	P PP	08 57 10.0 -0.6
ANWB ANWB	comp=Z,9um,19.0s Wilby Bob	106.86 301	PFAKE LR LR	08 57 00.0
YNR YNR	comp=Z,9um,19.0s Norris Junctio	106.88 352	PFAKE LR LR	08 57 00.0
YMR YMR	comp=Z,11um,21.0s Madison River	106.96 353	PFAKE LR LR	08 57 00.0
G06A G06A	comp=Z,9um,18.0s Carlson Farm,	106.97 360	PFAKE LR LR	08 57 00.0
LKWY LKWY	comp=Z,9um,20.0s Lake	107.00 352	PFAKE LR LR	08 57 00.0
YFT YFT	comp=Z,19um,21.0s Old Faithful	107.16 352	PFAKE LR LR	08 57 10.0
H17A H17A	comp=Z,14um,20.0s Grant Village	107.19 352	P PKIKP	08 56 55.0 -0.5
H17A H17A	comp=Z,14um,20.0s Grant Village	107.19 352	PFAKE LR LR	08 57 10.0
USIN USIN	comp=Z,16um,20.0s University of	107.21 333	PFAKE LR LR	08 57 00.0
TAU TAU	comp=Z,8um,21.0s Tasmania Univ	107.39 130	PFAKE LR LR	08 57 10.0
JSC JSC	comp=Z,4um,20.0s Jenkinsville	107.43 326	PFAKE LR LR	08 57 10.0
FLWY FLWY	comp=Z,5um,19.0s Flagg Ranch	107.51 352	PFAKE LR LR	08 57 10.0
H04A H04A	comp=Z,10um,22.0s Detroit Lake	107.51 1	PFAKE LR LR	08 57 10.0
SMRT SMRT	comp=Z,10um,20.0s St. Maarten	107.59 302	PFAKE LR LR	08 57 10.0
SLM SLM	comp=Z,4um,22.0s Saint Louis	107.62 335	PFAKE LR LR	08 57 10.0
BGNE BGNE	comp=Z,8um,20.0s Belgrade	107.64 342	PFAKE LR LR	08 57 10.0
GDHS GDHS	comp=Z,11um,21.0s Morne Mazeau,	107.68 300	PFAKE LR LR	08 57 10.0
IMW IMW	comp=Z,6um,22.0s Indian Meadow	107.72 352	PFAKE LR LR	08 57 10.0
P39A P39A	comp=Z,12um,22.0s Salisbury	107.76 337	P PKIKP	08 56 56.1 -0.2
BBGH BBGH	comp=Z,10um,20.0s Gun Hill	107.81 296	PFAKE LR LR	08 57 10.0
NHSC NHSC	comp=Z,5um,19.0s New Hope	107.83 325	PFAKE LR LR	08 57 10.0
MOOW MOOW	comp=Z,7um,19.0s Moose Ponds	107.84 352	PFAKE LR LR	08 57 10.0
SEUS SEUS	comp=Z,10um,22.0s St. Eustatius	107.86 302	PFAKE LR LR	08 57 10.0
LOHW LOHW	comp=Z,5um,20.0s Long Hollow	107.96 352	PFAKE LR LR	08 57 10.0
SABA SABA	comp=Z,12um,22.0s Saba	107.98 302	PFAKE LR LR	08 57 10.0
SIUC SIUC	comp=Z,5um,21.0s Southern Illin	108.04 334	PFAKE LR LR	08 57 10.0
SNOW SNOW	comp=Z,8um,21.0s Snow King Moun	108.13 352	PFAKE LR LR	08 57 10.0
FDL FDL	comp=Z,10um,18.0s Fort de France	108.13 298	PFAKE LR LR	08 57 10.0
P37A P37A	comp=Z,2um,20.0s Lathrop	108.19 339	P PKIKP	08 56 56.1 -1.1

REDW REDW	comp=Z,24 Red Top Meadow	108.24 352	PFAKE LR LR	08 57 10.0
SNAK K22A	comp=Z,9um,18.0s Casper	108.28 197	PKP PKIKP	08 57 01.1 +4.9
K22A K22A	comp=Z,9um,18.0s Casper	108.31 349	PKP PKIKP	08 56 56.9 -0.6
HLID HLID	comp=Z,14um,19.0s Hailey	108.39 355	PFAKE LR LR	08 57 10.0
I04A I04A	comp=Z,9um,22.0s Tendick Farm,	108.39 1	P PKIKP	08 56 56.4 -1.0
MFID MFID	comp=Z,8um,20.0s Camas Ranch	108.63 356	PFAKE LR LR	08 57 10.0
BW06 BW06	comp=Z,10um,20.0s Boulder Array	108.66 351	PFAKE LR LR	08 57 10.0
PDAR PDAR	comp=Z,12um,19.0s Pinedale Array	108.66 351	PKIKP PKIKP	08 56 58.4 +0.2
PDAR PDAR	comp=Z,0.9nm,0.9s, bazz=12,slow=4.9,SNR=3.2	108.66 337	PP	08 57 22.3 -0.5
R40A R40A	comp=Z,1.0nm,0.8s, bazz=38,slow=7.5,SNR=4.2	108.66 337	PKKpbc	09 08 10.5 +2.8
P35A P35A	comp=Z,0.8nm,0.7s, bazz=169,slow=2.4,SNR=6.3	108.66 337	P PKIKP	08 56 57.8 -0.3
STVI STVI	comp=Z,8um,20.0s Saint Thomas	108.79 304	PFAKE LR LR	08 57 10.0
J08A J08A	comp=Z,3um,20.0s Circle Bar Ran	108.81 358	PFAKE LR LR	08 57 10.0
SWET SWET	comp=Z,8um,20.0s Sewanee	108.83 330	PFAKE LR LR	08 57 10.0
AHID AHID	comp=Z,10um,20.0s Auburn Hatcher	108.85 352	PFAKE LR LR	08 57 10.0
R39A R39A	comp=Z,12um,22.0s Chumby, Stover	108.91 337	P PKIKP	08 56 57.4 -1.1
OGNE OGNE	comp=Z,9um,20.0s Ogallala	109.05 345	PFAKE LR LR	08 57 10.0
VN2A VN2A	comp=Z,7um,20.0s Neumayer-Watz	109.10 199	PKP PKIKP	08 57 02.6 +4.9
N28A N28A	comp=Z,12um,20.0s Pribbeno Ranch	109.18 344	P PKIKP	08 56 57.7 -1.4
GOGA GOGA	comp=Z,9um,19.0s Godfrey	109.20 327	PFAKE LR LR	08 57 10.0
VN1A VN1A	comp=Z,6um,19.0s Neumayer-Stat	109.21 199	PKP PKIKP	08 57 01.3 +4.9
KEBM KEBM	comp=Z,7um,21.0s Edson Butte	109.26 3	PFAKE LR LR	08 57 10.0
PBMO PBMO	comp=Z,7um,21.0s Poplar Bluff	109.33 334	PFAKE LR LR	08 57 10.0
KSU1 KSU1	comp=Z,6um,20.0s Kansas State U	109.34 340	PFAKE LR LR	08 57 10.0
S40A S40A	comp=Z,9um,20.0s Lebanon	109.36 336	P PKIKP	08 56 58.5 -0.9
PVMO PVMO	comp=Z,9um,20.0s Portageville	109.36 334	PFAKE LR LR	08 57 10.0
PHWY PHWY	comp=Z,9um,20.0s Pilot Hill	109.42 348	PFAKE LR LR	08 57 10.0
K05A K05A	comp=Z,10um,21.0s Summer Lake	109.47 360	PFAKE LR LR	08 57 10.0
S39A S39A	comp=Z,10um,21.0s Bolivar	109.57 337	P PKIKP	08 56 58.6 -1.1
HUMO HUMO	comp=Z,8um,19.0s Hull Mountain	109.57 2	PFAKE LR LR	08 57 10.0
HUMP HUMP	comp=Z,8um,19.0s Col San Antoni	109.58 304	PFAKE LR LR	08 57 10.0
R36A R36A	comp=Z,4um,22.0s Gordon, Harris	109.71 339	P PKIKP	08 56 58.9 -1.1
WVOR WVOR	comp=Z,8um,20.0s Wild Horse Val	109.73 358	PFAKE LR LR	08 57 10.0
SJG SJG	comp=Z,11um,21.0s San Juan	109.82 304	PFAKE LR LR	08 57 10.0
VN3A N23A	comp=Z,3um,22.0s Neumayer Olymp	109.90 199	PKP PKIKP	08 57 03.7 +4.5
N23A N23A	comp=Z,3um,22.0s Red Feather La	109.91 348	PFAKE LR LR	08 57 10.0
KBO KBO	comp=Z,14um,19.0s Bosley Butte	109.92 3	PFAKE LR LR	08 57 10.0
Q32A Q32A	comp=Z,8um,20.0s Melter Ranch, bazz=21	110.01 342	P PKIKP	08 56 59.9 -0.7
HVU HVU	comp=Z,8um,20.0s Hansel Valley	110.01 354	PFAKE LR LR	08 57 10.0
Q31A Q31A	comp=Z,10um,20.0s Ellis	110.22 342	P PKIKP	08 57 00.7 -0.3
TARA TARA	comp=Z,10um,20.0s Tarawa	110.26 77	PFAKE LR LR	08 57 10.0
MOD MOD	comp=Z,3um,20.0s Modoc Plateau	110.30 359	PFAKE LR LR	08 57 10.0
AGP AGP	comp=Z,9um,22.0s Aguadilla	110.35 305	PFAKE LR LR	08 57 10.0
M04C M04C	comp=Z,4um,22.0s Macdoel	110.41 1	P PKIKP	08 57 00.6 -0.8
YBH YBH	comp=Z,7um,19.0s Yreka Blue Hor	110.45 1	PKKpbc	09 08 04.6 +2.8
YBH YBH	comp=Z,1.1nm,0.6s, bazz=332,slow=7.8,SNR=8.9	110.45 1	PFAKE	08 57 10.0
CBKS CBKS	comp=Z,6um,19.0s Cedar Bluff	110.50 342	PFAKE LR LR	08 57 10.0
MET MET	comp=Z,9um,20.0s Memphis-Engin	110.58 333	PFAKE LR LR	08 57 10.0
CRPR CRPR	comp=Z,7um,19.0s Cabo Rojo, PR	110.59 305	PFAKE LR LR	08 57 10.0
T37A T37A	comp=Z,5um,20.0s Cheneyville 18	110.62 338	P PKIKP	08 57 01.7 -0.1
S34A S34A	comp=Z,14um,18.0s Willow Spring	110.78 340	P PKIKP	08 57 02.2 +0.1
TIGA TIGA	comp=Z,6um,21.0s Titton	110.88 326	PFAKE LR LR	08 57 10.0
BGU BGU	comp=Z,6um,21.0s Big Grassy Mou	110.88 354	PFAKE LR LR	08 57 10.0
OXF OXF	comp=Z,6um,21.0s Oxford	110.90 332	PFAKE LR LR	08 57 10.0
ISCO ISCO	comp=Z,8um,20.0s Idaho Springs	110.91 347	PFAKE LR LR	08 57 10.0
T36A T36A	comp=Z,14um,18.0s Boggs Farm, Ca	110.99 339	P PKIKP	08 57 01.7 -0.7
KSCO KSCO	comp=Z,6um,21.0s Kaye Shedlock	111.03 345	P PKIKP	08 57 02.6 0.0
KSCO KSCO	comp=Z,6um,21.0s Kaye Shedlock	111.03 345	PFAKE LR LR	08 57 10.0
O20A O20A	comp=Z,6um,19.0s White River Ci	111.04 350	P PKIKP	08 57 02.0 -0.7
O20A O20A	comp=Z,6um,19.0s White River Ci	111.04 350	PFAKE LR LR	08 57 10.0
HHAR HHAR	comp=Z,11um,21.0s Hobbs	111.05 337	PFAKE LR LR	08 57 10.0
GRTK GRTK	comp=Z,10um,22.0s Grand Turk	111.07 310	PFAKE LR LR	08 57 10.0
ELK ELK	comp=Z,3um,21.0s Elko	111.25 355	PKKpbc	09 08 02.2 +2.8

KHMM KHMM	comp=Z,0.5nm,0.8s, bazz=221,slow=0.7,SNR=3.6	111.28 2	PFAKE LR LR	08 57 10.0
JCC JCC	comp=Z,8um,20.0s Jacob Creek,	111.32 3	PFAKE LR LR	08 57 10.0
T35A T35A	comp=Z,9um,22.0s Sooner Cattle	111.32 339	P PKIKP	08 57 02.2 -1.0
U37A U37A	comp=Z,9um,22.0s Salina	111.34 338	P PKIKP	08 57 02.8 -0.3
WHAR WHAR	comp=Z,9um,22.0s Woolly Hollow	111.34 335	PFAKE LR LR	08 57 10.0
DUG DUG	comp=Z,9um,22.0s Dugway, Toolee	111.58 353	PFAKE LR LR	08 57 10.0
V38A V38A	comp=Z,8um,21.0s Canehill	111.59 337	P PKIKP	08 57 03.1 -0.6
WDC WDC	comp=Z,8um,20.0s Whiskeytown Da	111.60 1	PFAKE LR LR	08 57 10.0
Q24A Q24A	comp=Z,8um,20.0s Divide	111.62 347	PFAKE LR LR	08 57 10.0
B2M B2M	comp=Z,10um,22.0s Battle Mountain	111.68 357	PFAKE LR LR	08 57 10.0
NLU NLU	comp=Z,10um,22.0s North Lily Mtn	111.74 353	ePdf PFAKE	08 53 05.5 -1.2
SMCO SMCO	comp=Z,7um,20.0s Snowmass	111.76 348	PFAKE LR LR	08 57 10.0
UALR UALR	comp=Z,10um,19.0s University of	111.82 335	PFAKE LR LR	08 57 10.0
P18A P18A	comp=Z,9um,20.0s Preston Nutter	111.84 351	PFAKE LR LR	08 57 10.0
U35A U35A	comp=Z,8um,2			

27d 8h

Table with columns for station name, frequency, and other details. Includes stations like CCUT Cedar City, SPB Sao Paulo, AMTX Amarillo, etc.

2011 JAN

Table with columns for station name, frequency, and other details. Includes stations like VVND Vanda, TX31 Lajitas Ar. Si, TX31 Lajitas Ar. Si, etc.

1384

Table with columns for station name, frequency, and other details. Includes stations like XMAS Kiritimati, USHA comp=Z,7.9nm,21.0s, etc.

ISCJB 27 08:38:38.1±0.6,50:22N,0:04:19.19E±0.03,h0km, Error ellipse: s-maj=5.7km s-min=2.4km az=15.3

Table with columns for Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like OJC Ojcow, OJC Ojcow, Ostrava-Krasne, etc.

ISCJB 27 08:43:25.0±0.2,28:09N,0:02:59:08E±0.05,h10km, mb4.7/47, Error ellipse: s-maj=5.8km s-min=2.8km az=8.8

Table with columns for Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ZHSF Zahedan, ZHSF Zahedan, ZHSF Zahedan, etc.

Table with columns: MKAR, BVAR, SONM, TORD, YKA. Includes station names, times, and phases.

ISCJB 27 09:05:18.6:0.5, 28:13N:0:05:58.9E:0:1, h10km, mb3.6/10, Error ellipse: s-maj=15.1km s-min=7.1km az=13.4

IDC 27 09:05:18.7:1.1, 28:12N:58.93E, h0km, mb3.8/10, mb1 3.9/12, mb1mx3.6/66, mb1mp3.8/12, ML4.3/2, Error ellipse: s-maj=28.5km s-min=18.5km az=130.0

CSEM 27 09:05:21.4:1.2, 28:19N:59.18E, h15km, ML4.2, THR 27 09:05:21.4:1.2, 28:20N:59.17E, h15km, ML4.2

ISC 27 09:05:20.3:0.7, 28:16N:0:06:58.95E:0:09, h10km, n22, c#83/21, mb3.8/10, Southern Iran

Main table for 27h 9h section, listing stations like Zahedan, Bandar-Abbas, Kerman, etc., with their respective times and phases.

SKO 27 09:05:40.0, 40:72N:20:74E, h20km, M1.7, ML2.0, ISCJB 27 09:05:40.3:0.8, 40:70N:0:04:20.75E:0:07, h3km, 9km, Error ellipse: s-maj=8.9km s-min=6.3km az=11.3

CSEM 27 09:05:40.2:0.3, 40:71N:0:04:21.75E, h5km, MD2.7, Error ellipse: s-maj=7km s-min=4.5km az=106.0

ATH 27 09:05:40.0, 40:73N:20:70E, h9km, 1km, MD2.75, ISC 27 09:05:39.6:1.0, 40:74N:0:03:20.67E:0:05, h11km, 14km, n20, c#34/30, Greece-Albania border region

Main table for 27h 9h section, listing stations like Ohr, NEST, SAG, etc., with their respective times and phases.

CSEM 27 09:07:12.7:26.0, 28:95N:59.84E, h10km, mb3.5, Error ellipse: s-maj=660.9km s-min=61.2km az=27.0

ISCJB 27 09:07:23.8:0.4, 28:19N:0:04:59.08E:0:08, h10km, mb3.8/15, Error ellipse: s-maj=10.2km s-min=5.4km az=13.1

IDC 27 09:07:24.1:0.9, 28:22N:58.89E, h0km, mb3.9/15, mb1 4.0/19, mb1mx3.8/84, mb1mp4.0/19, ML4.1/3, Error ellipse: s-maj=21.3km s-min=14.8km az=126.0

OMAN 27 09:07:25.9:14.0, 28:13N:59.31E, h22km, Error ellipse: s-maj=168.4km s-min=24.4km az=29.0

DSN 27 09:07:30.2:99.0, 28:27N:58.65E, h17km, mb3.5/1, ML5.3/1, Error ellipse: s-maj=305.2km s-min=8.3km az=38.0

ISC 27 09:07:25.1:0.6, 28:20N:0:06:59.07E:0:08, h10km, n40, c#143/39, mb3.8/15, 2C-3D, Southern Iran

Main table for 27h 9h section, listing stations like NIAN, GENO, BANOH, etc., with their respective times and phases.

Main table for 2011 JAN section, listing stations like WSAR, WSAR, WBK, WBK, GEYT, GNI, AAK, ASF, KBZ, MMAI, EIL, AKTO, BRTR, MKAR, BVAR, KURBB, AKASG, ZALV, GERES, SONM, HFS, ARCES, TORD, LBTB, YKA, etc., with their respective times and phases.

ISCJB 27 09:07:50.7:0.3, 28:19N:0:04:58.94E:0:03, h10km, mb4.2/39, Error ellipse: s-maj=5.3km s-min=4.3km az=164.8

IDC 27 09:07:50.8:0.7, 28:22N:58.92E, h0km, mb4.2/29, mb1 4.3/33, mb1mx4.2/81, mb1mp4.2/33, ML4.4/3, Error ellipse: s-maj=16.4km s-min=12.4km az=142.0

BUI 27 09:07:52.0, 28:40N:59.10E, h5km, mb4.5/12, CSEM 27 09:07:52.0:2.0, 28:22N:58.99E, h10km, mb4.2/6, Error ellipse: s-maj=8.2km s-min=7.0km az=126.0

THR 27 09:07:53.3:1.1, 28:07N:59.20E, h15km, ML5.0, TEH 27 09:07:54.8, 28:24N:58.96E, h23km, ML4.8, NEIC 27 09:07:54.8, 28:23N:58.96E, h23km, MN4.8(TEH), After TEH.

ISC 27 09:07:52.4:0.4, 28:26N:0:04:58.99E:0:03, h10km, n100, c#198/95, mb4.0/30, 3C-1D, Southern Iran

Main table for 2011 JAN section, listing stations like CHMN, ZHFS, ZHFS, IBND, IBND, IBND, NGRK, KRBR, KRBR, KRBR, etc., with their respective times and phases.

WSAR 27 09:07:54.8, 28:24N:58.96E, h23km, ML4.8, NEIC 27 09:07:54.8, 28:23N:58.96E, h23km, MN4.8(TEH), After TEH.

WSAR 27 09:07:54.8, 28:24N:58.96E, h23km, ML4.8, NEIC 27 09:07:54.8, 28:23N:58.96E, h23km, MN4.8(TEH), After TEH.

WSAR 27 09:07:54.8, 28:24N:58.96E, h23km, ML4.8, NEIC 27 09:07:54.8, 28:23N:58.96E, h23km, MN4.8(TEH), After TEH.

WSAR 27 09:07:54.8, 28:24N:58.96E, h23km, ML4.8, NEIC 27 09:07:54.8, 28:23N:58.96E, h23km, MN4.8(TEH), After TEH.

WSAR 27 09:07:54.8, 28:24N:58.96E, h23km, ML4.8, NEIC 27 09:07:54.8, 28:23N:58.96E, h23km, MN4.8(TEH), After TEH.

WSAR 27 09:07:54.8, 28:24N:58.96E, h23km, ML4.8, NEIC 27 09:07:54.8, 28:23N:58.96E, h23km, MN4.8(TEH), After TEH.

WSAR 27 09:07:54.8, 28:24N:58.96E, h23km, ML4.8, NEIC 27 09:07:54.8, 28:23N:58.96E, h23km, MN4.8(TEH), After TEH.

WSAR 27 09:07:54.8, 28:24N:58.96E, h23km, ML4.8, NEIC 27 09:07:54.8, 28:23N:58.96E, h23km, MN4.8(TEH), After TEH.

WSAR 27 09:07:54.8, 28:24N:58.96E, h23km, ML4.8, NEIC 27 09:07:54.8, 28:23N:58.96E, h23km, MN4.8(TEH), After TEH.

WSAR 27 09:07:54.8, 28:24N:58.96E, h23km, ML4.8, NEIC 27 09:07:54.8, 28:23N:58.96E, h23km, MN4.8(TEH), After TEH.

WSAR 27 09:07:54.8, 28:24N:58.96E, h23km, ML4.8, NEIC 27 09:07:54.8, 28:23N:58.96E, h23km, MN4.8(TEH), After TEH.

WSAR 27 09:07:54.8, 28:24N:58.96E, h23km, ML4.8, NEIC 27 09:07:54.8, 28:23N:58.96E, h23km, MN4.8(TEH), After TEH.

Main table for 2011 JAN section, listing stations like KURK, KURK, KURK, etc., with their respective times and phases.

ISCJB 27 09:08:54.8:0.5, 3:11S:139:66E, h0km, mb4.5/24, mb1 4.6/29, mb1mx4.6/47, mb1mp4.6/29, ML4.5/4, Error ellipse: s-maj=11.9km s-min=9.9km az=140.0

BUI 27 09:08:55.4:3.5, 3:56S:139.95E, h0km, mb5.0/50, mb5.6/14, MS5.6/17, MS7.5/217

MOS 27 09:08:57.9:0.9, 3:10S:139.54E, h33km, mb4.9/25, Error ellipse: s-maj=11.3km s-min=6.4km az=101.9

ISCJB 27 09:08:59.7:0.2, 3:06S:0:03:139.64E:0:03, h46km, mb4.8/70, MS5.0/4, Error ellipse: s-maj=4.5km s-min=3.8km az=159.1

DJA 27 09:09:01.7:0.6, 3:5S:14:0E, h37km, 6km, MS.3/23, MB6.5/2, mb5.3/23, MW(mB)6.3/2

NEIC 27 09:09:02.0:0.9, 3:16S:139:50E, h55km, 8km, mb5.0/23, Error ellipse: s-maj=7.0km s-min=5.7km az=69.0

ISC 27 09:09:01.2:0.3, 3:14S:0:04:139.66E:0:05, h46km, n230, c#194/128, mb4.8/69, MS5.0/4, 1C-5D, Iran

Main table for 2011 JAN section, listing stations like GENI, GENI, JAY, JAY, JAY, etc., with their respective times and phases.

GENI 27 09:09:01.2, 3:14S:0:04:139.66E:0:05, h46km, n230, c#194/128, mb4.8/69, MS5.0/4, 1C-5D, Iran

GENI 27 09:09:01.2, 3:14S:0:04:139.66E:0:05, h46km, n230, c#194/128, mb4.8/69, MS5.0/4, 1C-5D, Iran

GENI 27 09:09:01.2, 3:14S:0:04:139.66E:0:05, h46km, n230, c#194/128, mb4.8/69, MS5.0/4, 1C-5D, Iran

GENI 27 09:09:01.2, 3:14S:0:04:139.66E:0:05, h46km, n230, c#194/128, mb4.8/69, MS5.0/4, 1C-5D, Iran

GENI 27 09:09:01.2, 3:14S:0:04:139.66E:0:05, h46km, n230, c#194/128, mb4.8/69, MS5.0/4, 1C-5D, Iran

GENI 27 09:09:01.2, 3:14S:0:04:139.66E:0:05, h46km, n230, c#194/128, mb4.8/69, MS5.0/4, 1C-5D, Iran

GENI 27 09:09:01.2, 3:14S:0:04:139.66E:0:05, h46km, n230, c#194/128, mb4.8/69, MS5.0/4, 1C-5D, Iran

GENI 27 09:09:01.2, 3:14S:0:04:139.66E:0:05, h46km, n230, c#194/128, mb4.8/69, MS5.0/4, 1C-5D, Iran

GENI 27 09:09:01.2, 3:14S:0:04:139.66E:0:05, h46km, n230, c#194/128, mb4.8/69, MS5.0/4, 1C-5D, Iran

GENI 27 09:09:01.2, 3:14S:0:04:139.66E:0:05, h46km, n230, c#194/128, mb4.8/69, MS5.0/4, 1C-5D, Iran

GENI 27 09:09:01.2, 3:14S:0:04:139.66E:0:05, h46km, n230, c#194/128, mb4.8/69, MS5.0/4, 1C-5D, Iran

GENI 27 09:09:01.2, 3:14S:0:04:139.66E:0:05, h46km, n230, c#194/128, mb4.8/69, MS5.0/4, 1C-5D, Iran

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR Alice Springs, DANN Koldanda, EIDS Eidsvold, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BOG Bozeman (W), DUG Dugway, QLMT Earthquake Lak, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAJ Asahikawa, USRK Ussuriysk Arr., YSS Yuzh-Sakhalins, etc.

27d 11h

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like ZALV, RAMN, JIRN, GUN, KKN, NVS, MK01, etc.

2011 JAN

Main table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like NB2, NOA, G16A, RAYN, BRTR, etc.

1392

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like KFL, KFL, RLS, etc.

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res	ISC
Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res	ISC
BARC	Barichara	0.17 200	iP	Pn	12 33 15.5	+0.2
BARC	Barichara		eS	Pn	12 33 27.3	-2.8
BARC	Barichara		s	Pn	12 33 29.8	
RUSC	Rusia	0.86 177	eP	Pn	12 33 17.2	0.0
RUSC	Rusia		eS	Pn	12 33 35.1	-1.2
RUSC	Rusia		s	Pn	12 33 37.4	
GRMC	Gramalote, San	1.01 18	iP	Pn	12 33 20.3	+2.4
GRMC	Gramalote, San		eS	Pn	12 33 39.9	+2.2
GRMC	Gramalote, San		s	Pn	12 33 41.0	
OCAC	Ocana	1.49 352	eS	Pn	12 33 44.8	-0.8
OCAC	Ocana		i	Pn	12 33 49.9	
YOPC	Yopal, Colombi	1.56 153	eP	Pn	12 33 23.9	+0.9
YOPC	Yopal, Colombi		eS	Pn	12 33 47.2	+0.4
YOPC	Yopal, Colombi		s	Pn	12 33 51.3	
NORC	Norcasia	1.20 236	eP	Pn	12 33 29.1	+0.2
NORC	Norcasia		eS	Pn	12 33 56.7	-0.7
CHIC	Chingaza	2.20 196	eP	Pn	12 33 31.3	+0.9
CHIC	Chingaza		eS	Pn	12 33 59.9	-0.1
CHIC	Chingaza		s	Pn	12 34 07.7	
ROSC	El Rosal	2.25 212	iP	Pn	12 33 33.2	+2.2
ROSC	El Rosal		eS	Pn	12 34 01.9	+0.9
ROSC	El Rosal		s	Pn	12 34 09.9	-0.1
ROSC	El Rosal		i	Pn	12 34 08.4	
HELCL	Santa Helena	2.46 257	eP	Pn	12 33 34.5	+1.0
HELCL	Santa Helena		eS	Pn	12 34 04.3	-1.0
HELCL	Santa Helena		i	Pn	12 34 11.9	
VILCL	Villavicencio,	2.69 192	eP	Pn	12 33 36.9	+0.9
VILCL	Villavicencio,		i	Pn	12 34 18.4	
TOLC	Tolima	3.07 226	eP	Pn	12 33 42.8	+1.8
DBBC	Dabeiba	3.08 275	eP	Pn	12 33 41.2	+0.4
SDV	Santo Domingo	3.25 49	eP	Pn	12 33 43.4	+0.3
SDV	Santo Domingo		s	Pn	12 34 21.9	-0.8
SJAC	San Juan de Ar	3.56 193	eP	Pn	12 33 47.1	+0.1
SJAC	San Juan de Ar		i	Pn	12 34 37.2	
LPAZ	La Paz	23.42 168	P	P	12 37 48.2	+0.5
YKA	Yellowknife Ar	1.97 349	eP	Pn	12 43 03.4	-0.5
ASAR	Alice Springs	149.07 234	PKPbc	PKPbc	12 52 21.6	-0.9
WRA	Warramunga Ar	150.20 241	PKPbc	PKPbc	12 52 24.6	-0.9
DDA 27 12:35:22.7, 40°80'N:43°29'E, h7km, Md2.6, Suspected Mining explosion.						
ISC 27 12:35:18.6, 2.5, 40°95'N:0°09:43.6E:0.1, h0km, n6, c123/11, Turkey-Georgia-Armenia border region						

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res	ISC
Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res	ISC
AGRB	Bademkaya	1.47 273	iP	Pn	12 36 06.1	+0.5
DBAD	Bademkaya		eS	Pn	12 35 46.0	-0.6
MAN 27 12:41:57.9, 97°N:126°16'E, h12km, mb4.5, ML3.4, MS3.3, 1C-2D, Mindanao						
SCPH	Surigao	0.68 254	iP	Pn	12 42 10.3	+0.1
SCPH	Surigao		eS	Pn	12 42 20.0	-0.3
BUTP	Butuan	1.12 278	eP	Pn	12 42 16.2	-2.2
BUTP	Butuan		eS	Pn	12 42 34.8	+0.9
MSLP	Maasin	1.29 208	eP	Pn	12 42 20.3	-0.6
MSLP	Maasin		eS	Pn	12 42 38.2	+1.6
PLP	Palo	1.66 316	eP	Pn	12 42 26.2	-0.2
PLP	Palo		eS	Pn	12 42 47.7	+0.5
OCLP	Ormoc	1.86 305	eP	Pn	12 42 25.8	-3.0
TBP	Tugbilaran	2.28 263	eP	Pn	12 42 39.1	+1.0
TBP	Tugbilaran		eS	Pn	12 43 08.2	+1.6
BUPK	Musuan	2.34 208	eP	Pn	12 42 36.2	+0.8
GUIM	Jordan	3.57 281	eP	Pn	12 42 52.9	+0.7
ISCJB 27 12:49:02.1, 0.5, 23°78'N:122°42'E:0.02, h16km, 5km, Error ellipse: s-maj=4.9km s-min=2.8km az=153.1						
JMA 27 12:49:02.1, 0.1, 23°85'N:122°36'E, h22km, M2.3						
TAP 27 12:49:02.1, 0.1, 23°81'N:122°30'E, h10km, 1km, M2.8, D						
ISC 27 12:49:01.2, 1.1, 23°80'N:122°40'E:0.02, h13km, 9km, MS4.7, MS7.4, Taiwan region						
TWD	Chiawan	0.79 291	eP	Pg	12 49 16.3	-0.2
TWD	Chiawan		s	Pg	12 49 27.6	+0.3
JYNG	Yonagunijimaku	0.82 37	P	Sg	12 49 17.2	+0.1
JYNG	Yonagunijimaku		eS	Pg	12 49 27.6	-0.2
YOJ	Yonaguni jima	0.86 40	P	Sg	12 49 18.2	+0.3
YOJ	Yonaguni jima		eS	Pg	12 49 28.5	+0.3
ENA	Nanau	0.87 316	eP	Pn	12 49 19.3	-0.2
ENA	Nanau		eS	Pn	12 49 30.8	-0.9
ENL	Shilin	0.89 271	P	Pg	12 49 17.7	+0.3
ESL	Suao	0.95 328	eP	Pn	12 49 30.0	0.0
TWC	Suao	0.95 328	eP	Pn	12 49 20.6	+0.4
TWC	Suao		s	Pn	12 49 33.8	+0.1
EHY	Hungye	1.03 254	P	Pn	12 49 21.5	+0.1
EHY	Hungye		s	Pn	12 49 35.3	-0.4
WHF	Hehuan Shan	1.10 289	P	Pb	12 49 22.0	-0.2
WHF	Hehuan Shan		s	Pb	12 49 36.7	-0.1
TWF1	Yuli	1.11 247	iP	Pg	12 49 27.7	+0.1
TWF1	Yuli		s	Pg	12 49 37.5	0.0
ENTT	Nioudou	1.13 318	eP	Pn	12 49 23.7	+0.6
ENTT	Nioudou		eS	Pn	12 49 38.3	+0.1
NNS	Nan Shan	1.14 304	eP	Pg	12 49 23.6	+0.4
NNS	Nan Shan		eS	Pg	12 49 38.2	-0.2
TWE	Neicheng	1.14 324	eP	Pn	12 49 23.5	-0.2
TWE	Neicheng		eS	Pn	12 49 37.9	-0.3
WDT	Danda	1.16 268	P	Pb	12 49 23.4	+0.1
WDT	Danda		s	Pb	12 49 38.4	0.0
CHKT	Chengkung	1.18 234	eP	Pg	12 49 24.3	+0.4
CHKT	Chengkung		eS	Pg	12 49 37.5	-1.1
NSK	Sanguang	1.29 313	eP	Pg	12 49 26.2	+0.1
NSK	Sanguang		eS	Pg	12 49 42.5	-0.4
IRIF	Iriomote-Funau	1.32 66	P	Sg	12 49 25.4	0.0
IRIF	Iriomote-Funau		s	Pb	12 49 42.2	0.7
YUS	Yus	1.37 257	P	Sb	12 49 27.2	+0.4
SMLT	Sun Moon Lake	1.38 274	eP	Pg	12 49 27.8	+0.1
SMLT	Sun Moon Lake		eS	Pg	12 49 45.1	-0.6
ELDTW	Lidau	1.41 245	iP	Pn	12 49 26.8	+0.1
ELDTW	Lidau		s	Pn	12 49 44.8	-0.3
TYC	Yuch	1.42 275	eP	Pb	12 49 27.8	+0.3
TYC	Yuch		eS	Pb	12 49 45.0	-0.5
ALS	Alishan	1.49 259	eP	Pb	12 49 29.2	+0.2
ALS	Alishan		s	Pb	12 49 47.9	0.0
NSTT	Nanjiung	1.52 303	eP	Pb	12 49 29.6	+0.2
NSTT	Nanjiung		s	Pb	12 49 48.5	0.0
JKRS	Kuro-shima	1.53 73	P	Pb	12 49 29.6	+0.2
TWG	Pinlang	1.56 232	eP	Pn	12 49 29.2	+0.6
TWG	Pinlang		eS	Pn	12 49 48.6	-0.1
TWQ1	Liyutan	1.59 291	eP	Pb	12 49 29.6	-0.8
TWQ1	Liyutan		eS	Pb	12 49 50.5	+0.1
CHNS	Tsauling	1.59 263	eP	Pn	12 49 30.7	+0.2
CHNS	Tsauling		eS	Pn	12 49 51.0	+0.4
STYT	Tauyuan	1.64 248	eP	Pn	12 49 31.1	-0.2
STYT	Tauyuan		eS	Pn	12 49 50.8	+0.1
JJJ	Ishigaki jima	1.69 70	P	Pn	12 49 30.8	+0.5
CHN4	Tsushan	1.72 255	eP	Pb	12 49 32.5	-0.2
CHN4	Tsushan		eS	Pb	12 49 54.3	+0.2
WTP	Tapu	1.73 252	eP	Pb	12 49 32.7	-0.2
WTP	Tapu		eS	Pb	12 49 54.1	-0.4
SGST	Jiashan	1.82 247	eP	Pn	12 49 34.2	-0.1
SGST	Jiashan		eS	Pn	12 49 55.7	+0.6
CHN1	Nanshi	1.83 251	eP	Pn	12 49 34.2	-0.3
CHN1	Nanshi		eS	Pn	12 49 55.7	+0.4
TWK	Hsiyung	1.84 254	eP	Pb	12 49 33.8	-0.8
TWK	Hsiyung		eS	Pb	12 49 55.5	-0.1
JJSG	Ishigakijimahi	1.91 65	P	Pn	12 49 33.5	+0.1
EAST	Anshuo	2.01 226	eP	Pn	12 49 37.1	-0.5
EAST	Anshuo		eS	Pn	12 50 00.5	+0.7
CASC 27 12:58:28.1, 0.3, 12°23'N:87°58'W, h67km, 25km, MD4.3, Near coast of Nicaragua						

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res	ISC
Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res	ISC
TEL3	Telica 3	0.79 65	eP	Pn	12 58 44.1	+1.2
COPN	Copaltepe	0.97 93	eP	Pn	12 58 46.1	0.0
COPN	Copaltepe		eS	Pn	12 59 00.1	+0.7
MOMM	Momtombo	1.03 80	eP	Pn	12 58 46.9	0.0
ICD 27 13:02:38.0, 1.8, 27°06'N:143°42'E, h0km, mb3.4/3, mb3.7/4, mb1mx3.4/4, mbtmp3.4/4, ML3.4/1, Error ellipse: s-maj=36.1km s-min=22.6km az=47.0, Bonin Islands region						
CCJ	Chichijima	1.10 272	Pn	Pn	13 01 08.3	+0.3
CCJ	Chichijima		eS	Pn	13 01 24.1	+0.2
MJAR	Matsushiro Arr	10.44 336	Pn	Pn	13 03 14.7	-1.7
WRA	Warramunga Arr	47.54 192	P	P	13 09 22.3	-0.3
ASAR	Alice Springs	51.26 191	P	P	13 09 50.9	-0.1
MKAR	Makanchi Arr	51.35 310	P	P	13 09 51.9	+0.3
ISCJB 27 13:02:38.0, 0.5, 43°73'N:127°62'W:0.06, h10km, mb3.8/6, MS4.4/1, Error ellipse: s-maj=5.9km s-min=4.0km az=168.9						
ICC 27 13:02:37.1, 2.0, 43°76'N:127°66'W, h0km, mb3.4/4, mb1.3/8, mb1mx3.6/47, mbtmp3.4/8, ML3.5/4, Error ellipse: s-maj=37.5km s-min=14.5km az=52.0						
NEIC 27 13:02:38.9, 1.0, 43°79'N:127°73'W, h10km, mb4.0/3, Error ellipse: s-maj=12.7km s-min=5.6km az=84.0						
BUI 27 13:02:38.7, 43°70'N:127°40'W, h10km, mb4.6/2, mb4.8/3, MS4.7/1, MS7.4/4, Off coast of Oregon						
KEBM	Edson Butte	2.51 110	ePn	Pn	13 03 16.6	-4.3
KEBM	Edson Butte		eS	Pn	13 03 53.9	+2.3
IO3D	Bosley Butte	2.89 122	ePn	Pn	13 03 26.9	-1.5
IO3D	Bosley Butte		s	Pn	13 04 06.1	+1.6
COR	Corvallis	3.15 74	ePn	Pn	13 03 29.0	-0.7
COR	Corvallis		eS	Pn	13 04 08.1	+0.8
HSD	Harness Mounta	3.24 93	P	Pn	13 03 29.8	-1.1
L02D	Cave Junction,	3.31 118	S	Pn	13 04 09.1	-2.2
G03D	McMinnville, O	3.38 63	P	Pn	13 03 32.7	0.0
G03D	McMinnville, O		s	Pn	13 04 18.1	-2.9
HUM0	Hull Mountain	3.55 108	ePn	Pn	13 03 32.5	-2.6
HUM0	Hull Mountain		eS	Pn	13 04 17.7	+0.5
F03A	Seaside	3.56 51	ePn	Pn	13 03 35.	

27d 13h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WMQ Urumqi, LNZH Lanzhou, LZH, etc.

ISCJB 27 13:04:00.0-0.9, 27:28N-0.08-143:60E:0.07, h10km, mb3.77, Error ellipse: s-maj=12.4km s-min=6.9km

IDC 27 13:04:00.9-1.1, 27:12N-143:47E, h0km, mb3.77, mb1 3.9/9, mb1mx3.7/4.1, mbtmp3.7/9, ML3.6/2, Error ellipse: s-maj=23.4km s-min=19.7km az=62.0

JMA 27 13:04:03.5, 27:47N-143:46E, h32km, mb3.0, M3.1, ISC 27 13:04:02.4-1.1, 27:22N-0.1-143:5E:0.1, h10km, n14, e0577/16, mb3.67/7, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CBUJ Chichi jima, CBUJ CBUJ, CJJ Chichijima, etc.

CSEM 27 13:07:37.8-0.5, 28:37N-59.01E, h2km, ML3.5, Error ellipse: s-maj=11.2km s-min=6.6km az=165.0

TEH 27 13:07:37.9, 28:27N-58.98E, h5km, ML3.5, 8C, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CHMN Cheshme madani, ZHSF Zahedan, KRBR Kerman, etc.

NEIC 27 13:10:02.3, 36:00S-177:84E, h213km, MG4.1 (WEL), After WEL.

WEL 27 13:10:02.5-0.5, 36:06S-177.99E, h218km, km, ML4.1, 16.0, 8C-5D, Error ellipse: s-maj=5.5km s-min=4.1km az=91.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, HAZ Te Kaha, WMGZ Waiomatatini S, etc.

2011 JAN

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MOVZ Moawhango, KRHZ Kereru, KAHZ Kahuranaki, etc.

ISCJB 27 13:12:29.9-0.5, 3:88N-0:04-76:15W:0:05, h174km, 5km, mb3.1/5, Error ellipse: s-maj=8.6km s-min=5.3km az=40.0

RSNC 27 13:12:31.8-0.6, 3:88N-76:13W, h157km, 5km, ML3.4, IDC 27 13:12:33.2-0.3, 3:91N-76:22W, h107km, 17km, mb2.9/5, mb1 3.2/5, mb1mx3.0/2.7, mbtmp3.4/5, Error ellipse: s-maj=35.9km s-min=23.6km az=41.0

ISC 27 13:12:30.5-0.8, 3:88N-0:05-76:14W:0:05, h166km, 7km, n24, e092/33, mb3.3/5, Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TOLC Tolima, BEC Belem, POPC Popayan, etc.

KRSC 27 13:26:36.5-1.0, 5:018N-157:40E, h26km, 35km, ML3.9, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Puzhetka, PAU Ruskaya, etc.

KRNET 27 13:28:48.6-0.1, 43:21N-78:27E, h18km, mb2.3, ISCJB 27 13:28:49.0-0.4, 43:18N-0:02-78:29E:0.02, h6km, 3km, Error ellipse: s-maj=3.7km s-min=2.5km az=157.8

NNC 27 13:28:49.5-0.7, 43:21N-78:32E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=21.6km s-min=3.6km az=172.0, SOME 27 13:28:50.1, 43:13N-78:28E, h10km, ISC 27 13:28:49.6-0.9, 43:22N-0:02-78:29E:0.02, h8km, 7km, n39, e068/71, 28C-13D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ZHN Zhinshke, ZHN Uzynbulak, SATY Saty, etc.

IDC 27 13:31:09.8-1.4, 35:05N-142:18E, h0km, mb3.4/4, mb1 3.7/4, mb1mx3.3/5, mbtmp3.4/4, Error ellipse: s-maj=52.5km s-min=28.9km az=93.0

ISCJB 27 13:31:10.5-1.0, 35:19N-142:14E:0.1, h27km, mb3.4/5, Error ellipse: s-maj=15.6km s-min=8.0km az=164.2

JMA 27 13:31:10.7-0.1, 35:17N-141:28E, h15km, 3km, M2.6, ISC 27 13:31:12.2-1.2, 35:20N-140:06E:0.1, h27km, n16, e146/10, mb3.4/5, Near east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BSO1 Boso I, CHOU Choshi, etc.

Table with columns: BRTR, comp-Z, 2.0nm, 0.9s, 23.96 306 eP, P, 15 07 00.5 +2.7, etc.

Table with columns: SONM, comp-Z, 2.0nm, 0.7s, 102, slow=11, SNR=6.7, 15 09 30.9 +0.5, etc.

Table with columns: UTU, Utuhina, 0.32 21 Pn, Pn, 15 03 07.7 -0.5, etc.

27d 15h

Table with columns for station code, name, frequency, and other details. Includes stations like ETAZ East Tamaki Re, PKU Pukeiti, PUK Puketiti, etc.

2011 JAN

Table with columns for station code, name, frequency, and other details. Includes stations like JJCZ Jackson Bay, WZK Wanaika, WAK Wanaika, etc.

1400

Table with columns for station code, name, frequency, and other details. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, etc.

Table with columns: GEYT, ALibek, 132.07 290, PKP, PKPdf, 15 21 40.0 -0.8, etc. Lists various stations and their parameters.

Table with columns: NOA, NORSAR Array B155.50 342, PKP, PKPdf, 15 22 19.9 0.0, etc. Lists various stations and their parameters.

Table with columns: GSC, Goldstone, Bar, 1.81 82, Pb, Pb, 15 30 18.7 +0.7, etc. Lists various stations and their parameters.

IDC 27 15:38:44.0±1.1, 28:09N:58:97E, h0km, mb3.5/6, mb1 3.6/8, mb1mx3.4/48, mbmtpp3.6/8, ML3.5/2, Error ellipse: s-maj=32.0km s-min=19.4km az=114.0, ISCJTB 27 15:38:44.2±0.5, 28:13N:0:04:59.04E:0.08, h10km, mb3.5/6, Error ellipse: s-maj=9.9km s-min=5.9km az=3.2, THR 27 15:38:45.0±1.1, 28:19N:59:10E, h15km, ML3.9, CSEM 27 15:38:47.4±0.3, 28:42N:58:97E, h2km, ML4.0, Error ellipse: s-maj=6.4km s-min=4.7km az=131.0, TEH 27 15:38:52.4±28.46N:58:86E, h36km, ML4.0, ISC 27 15:38:46.3±0.8, 28:33N:0:06:58.97E:0.05, h10km, n43, i=139/39, mb3.5/6, 2C-6D, Southern Iran

RSNC 27 15:14:36.0±1.1, 4.38N:73.70W, h0km±10km, ML1.7, 1D, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists various stations and their parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists various stations and their parameters.

YARS 27 15:46:44.0±0.3, 71:30N:0:03:130.66E:0.09, h10km, Near north coast of eastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists various stations and their parameters.

27d 16h

Table with columns: Call sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like PHUL, KAKANI, NVS, MK01, etc.

2011 JAN

Table with columns: Call sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like ABKAR, GEYT, YKBA, etc.

1404

Table with columns: Call sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like RAYN, PV01, N23A, etc.

Table titled 'SOUTHEASTERN SIBERIA' with columns: Code, Station Name, Frequency, Band, Mode, and other parameters.

Table titled 'IDC 27 15:57:50.3...0.2,56.99N:0.01:123.07E:0.02,h10km,' with columns: Code, Station Name, Frequency, Band, Mode, and other parameters.

Table titled 'IDC 27 16:04:26.1...2.6,28.16N:143.73E,h0km,mb3.3/3,' with columns: Code, Station Name, Frequency, Band, Mode, and other parameters.

Table titled 'RSNC 27 16:08:30.8...1.3,4.38N-73.67W,h4km,17km,ML1.6,1D,' with columns: Code, Station Name, Frequency, Band, Mode, and other parameters.

MOS 27 16:17:15.6:1.5, 19.36Sx173.44W, h10km, mb5.2/47, MS4.6/11, Error ellipse: s-maj=10.8km s-min=8.3km

Code	Station Name	A°	AZ°	Phase	ID	Time	Res
ISC	Op	h	m	s	ISC		
AFI	Afiamalau	5.67	15	Pn	Pn	16 18 35.7	-6.5
AFI	Afiamalau	5.67	15	eP	Pn	16 19 36.3	-10
AFI	Afiamalau	5.67	15	eP	Pn	16 18 34.6	-7.6
AFI	Afiamalau	5.67	15	eP	Pn	16 18 34.6	-7.6
AFI	Afiamalau	5.67	15	eP	Pn	16 19 28.8	-18
AFI	Afiamalau	5.67	15	eP	Pn	16 19 36.3	-10
MSVF	Nonsavu	8.34	280	Pn	Pn	16 19 24.7	+5.8
RAO	Raoul Island	10.65	202	LR	LR	16 23 43.4	
RAR	Rarotonga	12.85	100	Pn	Pn	16 20 11.0	-10
RAR	Rarotonga	12.85	100	eP	Pn	16 20 10.3	-10
RAR	Rarotonga	12.85	100	eP	Pn	16 20 10.3	-10
FUNA	Funafuti	13.02	325	eP	Pn	16 20 15.4	-7.5
DZM	Mont Dzumac	19.10	259	Pn	Pn	16 21 42.4	+0.9
OZU	Omahuta	19.54	214	eP	Pn	16 21 45.9	-0.6
BKZ	Black Stump Fm	21.57	202	eP	P	16 22 06.4	-0.7
HIZ	Hautiti	21.62	206	eP	P	16 22 10.6	+2.9
TBI	Tubuai	22.57	104	eP	P	16 22 15.0	-3.0
TBI	Tubuai	22.57	104	eT	T	16 45 36.0	
TBI	Tubuai	22.57	104	eT	T	16 22 15.8	-2.4
PAE	Paea	22.59	89	eT	T	16 45 18.8	
PAE	Paea	22.59	89	eT	T	16 22 15.7	-2.8
PPT2	Papeete2	22.60	89	eP	P	16 26 29.8	
PPT2	Papeete2	22.60	89	eP	P	16 27 11.6	
PPT2	Papeete2	22.60	89	eP	P	16 29 22.9	
PPT	Papeete	22.60	89	eP	P	16 22 16.2	-2.3
PPT	Papeete	22.60	89	eP	P	16 22 16.2	-2.3
TIAR	Tiarei	22.82	89	eP	P	16 22 17.8	-3.0
BFZ	Birch Farm	23.00	201	eP	P	16 22 23.2	+0.8
SNZO	South Karori	24.10	202	eP	P	16 22 35.1	+2.1
TARA	Tarawa	24.66	325	eP	P	16 22 36.2	-2.1
PMOR	Pomarioorio Ree	24.68	84	eP	P	16 22 35.8	-2.8
THZ	Tophouse	25.17	205	eP	P	16 22 43.7	+0.8
KHZ	Kahutara	25.49	203	eP	P	16 22 48.6	+3.0
LTZ	Lake Taylor	26.28	204	eP	P	16 22 54.3	+1.4
XMAS	Kiritimati	26.42	38	eP	P	16 22 53.0	-1.4
OXZ	Oxford	26.83	204	eP	P	16 22 58.8	+1.0
MQZ	McQueen's Vall	26.93	203	eP	P	16 23 01.2	+2.6
RPZ	Rata Peaks	27.55	205	eP	P	16 23 06.5	+2.3
RPZ	Rata Peaks	27.55	205	eP	P	16 23 06.5	+2.3
FOZ	Fox Glacier	27.91	207	eP	P	16 23 09.8	+2.4
LBZ	Lake Benmore	28.45	205	eP	P	16 23 14.1	+1.7
ODZ	Otago Downs	28.82	204	eP	P	16 23 16.6	+1.0
WKZ	Wanaka	29.29	206	eP	P	16 23 22.0	+2.2
MLZ	Mavora Lakes	30.11	207	eP	P	16 23 28.0	+1.0
DCZ	Deep Cove	30.60	208	eP	P	16 23 32.4	+1.2
WHZ	Wether Hill Ro	30.60	206	eP	P	16 23 32.5	+1.2
EIDS	Eidsvold	33.36	253	eP	P	16 23 54.3	-1.6
EIDS	Eidsvold	33.36	253	eP	P	16 23 54.2	-1.6
ARMA	Armidale	33.49	244	eP	P	16 23 56.6	-0.5
ARMA	Armidale	33.49	244	eP	P	16 23 55.6	-1.5
MCGD	Mangrove Creek	34.53	239	eP	P	16 24 05.8	-0.1
RKT	Rikitea	35.87	103	eP	P	16 24 14.3	-3.3
RKT	Rikitea	35.87	103	eT	T	17 02 10.7	
CNB	Canberra Magne	36.48	236	eP	P	16 24 22.1	-0.6
CAN	Canberra	36.76	237	eP	P	16 24 24.0	-1.1
CAN	Canberra	36.76	237	eP	P	16 24 24.0	-1.1
YNG	Young	36.99	238	eP	P	16 24 26.3	-0.7
CTA	Charters Tower	37.98	262	eP	P	16 24 33.4	-2.2
CTAO	Charters Tower	37.98	262	eP	P	16 24 33.6	-2.0
CTAO	Charters Tower	37.98	262	eP	P	16 24 33.6	-2.0
CMSA	Cobar Meteorol	38.70	244	eP	P	16 24 39.9	-1.6
PMG	Port Moresby	39.45	279	eP	P	16 24 47.1	-0.7
PMG	Port Moresby	39.45	279	eP	P	16 24 46.3	-1.6
PMG	Port Moresby	39.45	279	eP	P	16 24 47.5	-0.4
PMG	Port Moresby	39.45	279	eP	P	16 24 47.2	-0.7
PMG	Port Moresby	39.45	279	eP	P	16 24 46.6	-1.3
QLP	Quilpie	39.57	252	eP	P	16 24 46.9	-1.9
MTSU	Mount Surprise	40.05	265	eP	P	16 24 51.0	-1.9
COEN	Coen	41.93	271	eP	P	16 25 06.8	-1.6
COEN	Coen	41.93	271	eP	P	16 25 06.1	-2.4
STKA	Stephens Creek	42.21	244	eP	P	16 25 08.9	-1.6
STKA	Stephens Creek	42.21	244	eP	P	16 25 09.1	-1.4
STKA	Stephens Creek	42.21	244	eP	P	16 25 08.6	-2.0
STKA	Stephens Creek	42.21	244	eP	P	16 25 08.8	-1.7
QIS	Mount Isa	44.12	260	eP	P	16 25 23.8	-2.4
HTT	Hallett	44.61	242	eP	P	16 25 29.2	-0.8
BBOO	Buckleboo	46.95	243	eP	P	16 25 47.2	-1.2
BBOO	Buckleboo	46.95	243	eP	P	16 25 46.1	-2.3
ASO1	Alice Springs	49.00	255	eP	P	16 26 02.2	-2.2
ASO1	Alice Springs	49.00	255	eP	P	16 26 02.4	-2.3
ASAR	Alice Springs	49.04	255	eP	P	16 26 02.4	-2.3
ASAR	Alice Springs	49.04	255	eP	P	16 27 28.7	+0.3

ASAR	comp=Z,3.1nm,0.8s,baz=112,slow=3.5,SNR=2.8	S	S	16 33 08.6	+0.3		
ASAR	comp=Z,1.7nm,1.0s,baz=84,slow=15,SNR=6.8	LR	LR	16 46 59.8			
WB2	Warramunga Arr	49.09	260	eP	P	16 26 02.9	-2.3
WRAB	Tennant Creek	49.10	260	iP	P	16 26 02.8	-2.4
WRAB	Tennant Creek	49.10	260	eP	P	16 26 02.2	-3.0
WRAB	Tennant Creek	49.10	260	eP	P	16 26 01.8	-3.4
WRA	Warramunga Arr	49.10	260	eP	P	16 26 02.4	-2.9
WRA	Warramunga Arr	49.10	260	eP	P	16 46 35.5	
KDU	Kakadu	52.34	269	eP	P	16 26 28.3	-1.4
MTN	Manton Dam	53.56	268	eP	P	16 26 36.3	-2.4
MTN	Manton Dam	53.56	268	eP	P	16 26 36.1	-2.6
WRKA	Warakurna	53.98	253	eP	P	16 26 39.7	-2.0
KNU	Kununurra	55.12	264	eP	P	16 26 48.7	-1.3
SNJA	Sonunurra	57.26	282	eP	P	16 27 04.4	-0.9
SWI	Sorong	57.26	282	eP	P	16 27 04.3	-1.1
FITZ	Fitzroy Crossi	57.53	260	eP	P	16 27 06.1	-1.1
FITZ	Fitzroy Crossi	57.53	260	eP	P	16 27 05.5	-1.7
VNDA	Vandae	59.42	186	eP	P	16 27 20.8	+1.4
VNDA	Vandae	59.42	186	eP	P	16 49 33.7	
VNDA	Vandae	59.42	186	eP	P	16 27 21.5	+2.0
SOEI	Soe	60.88	269	eP	P	16 27 30.2	-0.4
TNTI	Ternan	61.48	282	eP	P	16 27 33.9	-0.6
KLBR	Kellerberrin	61.88	244	eP	P	16 27 40.9	-0.2
NWAO	Narrogin (SRO)	62.77	242	eP	P	16 27 43.4	+0.5
NWAO	Narrogin (SRO)	62.77	242	eP	P	16 27 42.8	-0.1
NWAO	Narrogin (SRO)	62.77	242	eP	P	16 27 42.8	-0.1
MMRI	Maumere	63.12	270	eP	P	16 27 43.2	-2.3
BLDU	Baldidu	63.49	245	eP	P	16 27 47.5	-0.3
MORW	Morawa	64.29	246	eP	P	16 27 52.8	-0.3
LUWI	Luwuk	65.09	278	eP	P	16 27 57.7	-0.7
CASY	Casey	66.82	205	eP	P	16 28 09.8	+1.1
CTBH	Cotabato-PC H	66.90	287	iP	P	16 28 09.7	-0.4
QSPA	South Pole Qui	70.66	180	eP	P	16 28 34.0	+1.1
MJAR	Matsuhiro Arr	72.05	321	eP	P	16 28 41.1	-0.3
MJAR	Matsuhiro Arr	72.05	321	eP	P	16 55 55.9	
MAJO	Matsushiro	72.05	321	eP	P	16 28 41.1	-0.4
MAJO	Matsushiro	72.05	321	eP	P	16 28 41.0	-0.4
MAT	Matsushiro	72.05	321	eP	P	16 28 40.7	-0.7
MAT	Matsushiro	72.05	321	eP	P	16 38 06.2	+4.4
SCZ2	Santa Cruz Isl	73.72	44	eP	P	16 28 51.7	+0.3
SC12	San Clemente I	73.83	46	eP	P	16 28 52.2	+0.1
PKM	Mpherson Peak	74.14	43	eP	P	16 28 54.7	+0.6
SAO	San Andreas Ge	74.28	41	eP	P	16 28 54.8	+0.2
SAO	San Andreas Ge	74.28	41	eP	P	16 28 54.8	+0.2
LRV	Little Rabbit	74.33	42	eP	P	16 28 54.8	-0.2
JNU	Nakatsue	74.59	314	eP	P	16 28 56.8	+0.3
ASAJ	Asahikawa	74.97	329	eP	P	16 28 59.5	+1.0
ASAJ	Asahikawa	74.97	329	eP	P	16 57 59.0	
ASAJ	Asahikawa	74.97	329	eP	P	16 28 58.9	+0.4
MURC	Murcia	75.11	46	eP	P	16 28 59.6	0.0
BFSC	Mount Baldy Ra	75.17	45	eP	P	16 29 00.6	+0.6
KMRM	Mount Ridge	75.19	37	eP	P	16 29 00.6	+0.7
YES	Vestal, Richgr	75.20	43	eP	P	16 29 00.5	+0.6
MONP2	Monument Peak	75.23	47	eP	P	16 28 59.9	-0.6
IDW	Imperial Bould	75.32	47	eP	P	16 29 00.5	-0.4
EDW2	Edwards Air Fo	75.33	44	eP	P	16 29 00.8	0.0
ISA	Isabella, Lake	75.48	43	eP	P	16 29 02.2	+0.5
ISA	Isabella, Lake	75.48	43	eP	P	16 29 02.2	+0.5
ISA	Isabella, Lake	75.48	43	eP	P	16 29 01.5	-0.2
ISA	Isabella, Lake	75.48	43	eP	P	16 29 02.2	+0.5
PFO	Pinyon Flats O	75.62	46	eP	P	16 29 02.3	-0.3
PFO	Pinyon Flats O	75.62	46	eP	P	16 29 02.3	-0.3
PFO	Pinyon Flats O	75.62	46	eP	P	16 29 02.3	-0.3
CMB	Columbia Colle	75.73	41	eP	P	16 29 02.4	-0.7
CMB	Columbia Colle	75.73	41	eP	P	16 29 02.4	-0.7
LRMC	Laurel Mtn Rad	75.89	44	eP	P	16 29 04.5	+0.4
OHCM	Honcut						

27d 16h

DUG	comp-Z,15nm,1.7s	81.75	42	P	P	16 29 35.9 -0.3
DUG	Dugway, Tooele baz=236	81.75	42	eP	P	16 29 34.9 -1.4
DUG	Dugway, Tooele comp-Z,15nm,1.7s	81.78	37	eP	P	16 29 34.8 -1.4
BMO	Blue Mountains	81.78	37	eP	pmax	16 29 34.8 -1.4
BMO	Blue Mountains comp-Z,14nm,1.5s	81.78	37	eP	P	16 29 34.8 -1.4
BMO	Blue Mountains comp-Z,14nm,1.5s	81.78	37	eP	P	16 29 34.8 -1.4
BGU	Big Grassy Moun	82.03	42	eP	P	16 29 37.4 -0.3
Q16A	Castle Valley comp-Z,17nm,1.5s	82.12	44	eP	P	16 29 38.8 +0.6
MDJ	Mudanjiang	82.23	323	P	P	16 29 39.0 +0.6
MDJ		16 29 41.8 -1.9				
MDJ		16 29 43.3 -3.2				
MDJ		16 39 56.0 +3.7				
MDJ	comp-Z,12nm,1.0s				LR	LR
MDJ	comp-Z,250nm,21.1s				LR	LR
MDJ	comp-Z,470nm,22.9s				LR	LR
MDJ					LR	LR
TMUT	Trail Mountain comp-Z,20nm,1.2s	82.30	44	eP	P	16 29 39.2 -0.1
RC01	Rabbit Creek A	82.44	11	eP	P	16 29 37.5 -1.7
F10A	Beach Ranch, E	82.51	36	eP	P	16 29 38.7 -1.3
MNTX	Cornudas Mount baz=242	82.57	53	eP	P	16 29 40.7 +0.1
MNTX	Cornudas Mount comp-Z,15nm,1.1s	82.57	53	eP	P	16 29 39.8 -0.7
NJ2	Nanjing	82.63	308	eP	pmax	16 29 39.8 -1.0
SRU	San Rafael Swe	82.64	44	eP	pmax	16 29 41.1 +0.1
SRU	San Rafael Swe comp-Z,26nm,1.5s	82.64	44	eP	pmax	16 29 41.1 +0.1
SRU	San Rafael Swe comp-Z,26nm,1.5s	82.64	44	eP	pmax	16 29 41.1 +0.1
HLID	Hailey	82.68	39	P	P	16 29 41.2 +0.1
HLID	Hailey comp-Z,14nm,1.4s	82.68	39	eP	P	16 29 41.0 -0.1
TX31	Lajitas Ar. Si	82.80	56	eP	P	16 29 41.7 -0.2
TXAR	Lajitas Array	82.80	56	eP	P	16 29 43.2 +1.3
TXAR	comp-Z,8.7nm,1.1s,baz=216,slow=6.2,SNR=40			LR	LR	17 00 08.9
B08A	Colville Reser	82.88	33	eP	P	16 29 41.0 -0.8
LPM	Los Pinos Moun	82.90	50	eP	P	16 29 43.4 +1.0
GAMB	Gambell	82.92	1	eP	P	16 29 41.2 -0.4
PMR	Palmer	83.02	11	eP	pmax	16 29 41.3 -0.8
PMR	Palmer comp-Z,53nm,1.8s	83.02	11	eP	pmax	16 29 41.3 -0.8
PMR	Palmer comp-Z,53nm,1.8s	83.02	11	eP	pmax	16 29 41.3 -0.8
MVCO	Mesa Verde	83.02	47	P	P	16 29 43.4 +0.4
PV05	Paradox Valley	83.06	46	eP	P	16 29 43.5 +0.3
P18A	Preston Nutter	83.10	44	eP	P	16 29 44.0 +0.4
TTA	Tatalina	83.19	8	eP	pmax	16 29 42.4 -0.7
TTA	Tatalina comp-Z,31nm,1.4s	83.19	8	eP	pmax	16 29 42.4 -0.7
PV09	Paradox Valley	83.25	45	eP	P	16 29 44.5 +0.2
PV10	Paradox Valley	83.25	45	eP	P	16 29 43.9 -0.3
ANMO	Albuquerque	83.33	50	iP	pmax	16 29 44.6 -0.1
ANMO	Albuquerque comp-Z,17nm,1.5s	83.33	50	P	P	16 29 45.0 +0.4
ANMO	Albuquerque baz=24	83.33	50	eP	P	16 29 45.1 +0.4
BMRM	Bremner River	83.38	14	eP	P	16 29 43.2 -0.9
PV01	Paradox Valley	83.44	46	eP	P	16 29 44.5 +0.7
MA2	Magadan	83.98	343	iP	P	16 29 46.4 -0.8
MAW	Mawson	84.03	199	P	P	16 29 48.4 +0.9
MAW	comp-Z,10nm,0.9s,baz=100,slow=8.9,SNR=7.5			LR	LR	17 06 20.3
MAW	comp-Z,612nm,18.7s,baz=70,slow=55			LR	LR	17 06 20.3
MAW	Mawson	84.03	199	eP	pmax	16 29 47.9 +0.4
MAW	comp-Z,12nm,1.8s	84.03	199	eP	pmax	16 29 47.9 +0.4
MAW	Mawson comp-Z,12nm,1.8s	84.03	199	eP	pmax	16 29 47.9 +0.4
CN2	Changchun	84.19	320	eP	S	16 29 49.5 +0.9
CN2				eS	S	16 40 14.3 +2.1
CN2	comp-Z,10.0nm,0.7s			pmax	pmax	
CAST	Castle Rocks comp-Z,200nm,5.0s	84.22	9	eP	P	16 29 47.7 -0.6
AHID	Auburn Hatcher	84.24	41	eP	P	16 29 48.9 -0.2
MCMT	McKenzie Canyo	84.33	38	eP	P	16 29 48.5 -1.1
S22A	4UR Ranch, Cre	84.44	47	eP	P	16 29 50.4 0.0
S22A	4UR Ranch, Cre baz=241	84.44	47	eP	P	16 29 50.6 +0.2
QIZ	Qiongzong	84.46	292	P	PP	16 29 48.5 -2.0
QIZ				PP	PP	16 33 07.5 +1.3
QIZ				S	S	16 40 18.0 +2.1
QIZ	comp-Z,7.5nm,30.8s			LR	LR	
QIZ	comp-Z,140nm,35.5s			LR	LR	
KTH	Kantishna Hill comp-Z,170nm,35.9s	84.53	10	eP	P	16 29 48.9 -1.1
CHUM	Lake Minchumir comp-Z,23nm,1.2s	84.62	9	eP	P	16 29 48.8 -1.5
O20A	White River Ci	84.68	44	eP	P	16 29 51.6 +0.2
O20A	White River Ci baz=239	84.68	44	eP	P	16 29 52.4 +1.0
DHY	Denali Highway	84.71	12	eP	P	16 29 50.6 -0.4
REDW	Red Top Meadow comp-Z,24nm,1.4s	84.72	41	eP	P	16 29 51.9 +0.3
RND	Reindeer	84.74	11	eP	pmax	16 29 50.0 -1.0
RND	Reindeer comp-Z,44nm,1.4s	84.74	11	eP	pmax	16 29 50.0 -1.0
RND	Reindeer comp-Z,44nm,1.4s	84.74	11	eP	pmax	16 29 50.0 -1.0
TNA	Tin City	84.81	2	eP	P	16 29 50.5 -0.6
IMW	Indian Meadow	84.95	40	eP	P	16 29 52.4 -0.5
BSMT	Bassoo Peak	84.98	35	eP	P	16 29 51.5 -1.2
PAX	Paxson	84.99	12	eP	pmax	16 29 50.5 -1.8
PAX	Paxson comp-Z,32nm,1.6s	84.99	12	eP	pmax	16 29 50.5 -1.8
PAX	Paxson comp-Z,32nm,1.6s	84.99	12	eP	pmax	16 29 50.5 -1.8
LOHW	Long Hollow	85.00	40	eP	P	16 29 52.8 -0.3
SMCO	Snowmass	85.05	46	eP	P	16 29 53.9 +0.3
QLMT	Earthquake Lak	85.17	39	eP	P	16 29 52.4 -1.4
FLWY	Flagg Ranch	85.20	40	eP	P	16 29 54.0 0.0
BW06	Boulder Array	85.20	42	eP	P	16 29 54.4 +0.4
BW06	Boulder Array baz=238	85.20	42	eP	P	16 29 53.0 -0.8
PD31	Pinedale Array	85.20	42	eP	P	16 29 54.3 +0.2
PDAR	Pinedale Array	85.20	42	eP	P	16 29 54.2 +0.2
PDAR	comp-Z,4.3nm,1.1s,baz=224,slow=4.1,SNR=16			LR	LR	17 03 48.6
YFT	Old Faithful	85.32	40	eP	P	16 29 55.5 +0.9
SDCO	Great Sand Dun	85.36	47	eP	P	16 29 55.0 0.0
SDCO	Great Sand Dun baz=241	85.36	47	eP	P	16 29 55.7 +0.7

2011 JAN

DLBC	Dease Lake	85.39	21	P <td>P</td> <td>16 29 54.9 +0.5</td>	P	16 29 54.9 +0.5
WHN	Wuhan	85.39	304	iP	SS	16 29 56.5 +1.6
WHN	Wuhan	85.39	304	iP	SS	16 40 31.3 +6.6
H17A	Grant Village comp-Z,770nm,16.3s	85.44	40	eP	P	16 29 56.4 +1.2
BOZ	Bozeman (W) baz=237	85.50	38	P	P	16 29 55.7 +0.3
MSTX	Muleshoe	85.56	52	P	P	16 29 56.1 +0.2
MSTX	Muleshoe baz=243	85.56	52	eP	P	16 29 55.8 -0.1
330A	Mertzong	85.56	55	P	P	16 29 55.5 +0.2
034A	Hebronville	85.80	60	P	P	16 29 58.2 +1.1
T25A	Trinidad	85.83	48	P	P	16 29 57.8 +0.5
T25A	Trinidad baz=242	85.83	48	eP	P	16 29 57.7 +0.4
TIA	Tai'an	85.84	311	iP	pmax	16 29 58.0 +0.9
TIA	Tai'an	85.84	311	iP	pmax	16 29 58.0 +0.9
WRH	Wood River Hill comp-Z,20nm,1.0s	85.86	11	eP	P	16 29 55.3 -1.2
DOT	Dot Lake	85.88	13	eP	P	16 29 55.3 -1.4
MLY	Manley	85.94	9	eP	P	16 29 55.2 -1.7
CCB	Clear Creek Bu	86.07	11	eP	P	16 29 56.2 -1.3
Q24A	Divide	86.18	46	P	P	16 29 59.8 +0.7
Q24A	Divide baz=242	86.18	46	eP	P	16 29 59.3 +0.2
COLA	College	86.27	11	iP	pmax	16 29 57.6 -0.8
COLA	College comp-Z,20nm,1.6s	86.27	11	iP	pmax	16 29 57.6 -0.8
COLA	College comp-Z,35nm,1.2s	86.27	11	eP	P	16 29 56.1 -2.4
MDM	Murphy Dome	86.28	10	eP	P	16 29 57.4 -1.2
130A	Snyder	86.32	54	P	P	16 30 00.2 +0.7
IL1	Eielson Array	86.35	11	eP	P	16 29 57.2 -1.7
ILAR	Eielson Array	86.35	11	eP	P	16 29 57.3 -1.6
ILB	Eielson Array	86.35	11	eP	P	16 29 57.7 -1.2
633A	Saathoff Ranch	86.38	57	P	P	16 30 00.8 +0.9
SEY	Seymchan	86.39	345	P	P	16 29 58.9 -0.2
SEY	Seymchan comp-Z,10nm,1.0s,baz=144,slow=5.0,SNR=21	86.39	345	P	P	16 29 58.4 -0.7
Z30A	Sanderson Ranc	86.49	53	P	P	16 30 00.9 +0.4
231A	Bronte	86.53	55	P	P	16 30 00.1 -0.5
533A	Kerrville	86.75	57	P	P	16 30 02.4 +0.6
AMTX	Amarillo	86.78	51	eP	P	16 30 01.6 -0.2
PLCA	Paso Flores	86.79	132	P	P	16 30 02.4 +0.4
PLCA	Paso Flores comp-Z,16nm,1.0s,baz=287,slow=4.9,SNR=12	86.79	132	eP	pmax	16 30 02.8 +0.8
PLCA	Paso Flores comp-Z,31nm,1.1s	86.79	132	eP	pmax	16 30 02.8 +0.8
PLCA	Paso Flores comp-Z,31nm,1.1s	86.79	132	eP	pmax	16 30 02.8 +0.8
433A	Art	86.99	56	P	P	16 30 02.8 0.0
232A	Coleman	87.03	55	P	P	16 30 03.7 +0.6
534A	Blanco	87.17	57	P	P	16 30 03.9 +0.2
X30A	Coker Ranch, T	87.19	52	P	P	16 30 04.2 +0.4
Z31A	Sharp Cattle R	87.25	53	P	P	16 30 04.8 +0.7
DAWY	Dawson	87.27	14	eP	P	16 30 01.8 -1.7
333A	Richland Sprin	87.31	56	P	P	16 30 04.8 +0.4
ABTX	Abilene, Hawle	87.34	54	eP	P	16 30 04.5 0.0
ABTX	Abilene, Hawle comp-Z,32nm,1.1s	87.34	54	eP	P	16 30 03.5 -1.0
IPM	Ipo	87.37	276	P	P	16 30 07.5 +2.4
IPM	Ipo comp-Z,29nm,1.0s	87.37	276	eP	P	16 30 06.0 +0.9
IPM	Ipo comp-Z,27nm,1.0s	87.37	276	eP	P	16 30 06.0 +0.9
Y31A	Rekieta Farm,	87.44	53	P	P	16 30 04.7 -0.2
EGAK	Eagle	87.49	13	eP	P	16 30 03.3 -1.1
434A	Burnet	87.56	56	P	P	16 30 06.3 +0.2
233A	Rising Star	87.56	55	P	P	16 30 05.1 -1.0
Z32A	Haskell	87.75	54	P	P	16 30 07.4 +0.9
EGMT	Eagleton	87.87	37	P	P	16 30 06.4 -0.4
133A	Hamilton Ranch	87.89	54	P	P	16 30 07.6 +0.4
334A	Lometa	87.89	56	P	P	16 30 06.7 -0.5
Y32A	R-V Farms, Ver	88.07	53	P	P	16 30 09.0 +1.0
COLD	Coldfoot	88.08	9			

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARHZ, BKZ, MCHZ, KAHz, KRHZ, BHHZ, WNVZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ITEG, IMEH, IMON, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ATHU, PTL, PTL, etc.

WEL 27 16:32:57.9:0.5, 36:48S:179:20W, h33km, ML3.9/9, Error ellipse: s-maj=5.0km s-min=4.9km az=90.0

ISC 27 16:32:57.2:2.0, 36:55:0:1x179:20:W-2.0, h35km, n32, +0578/33, 2C-1D, East of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMGZ, PUZ, PUZ, etc.

ISCJB 27 16:19:49.4:0.8, 17:36N:106:143:56E:0:07, h33km, mb4.0/10, Error ellipse: s-maj=10.3km s-min=6.6km az=40.8

NEIC 27 16:19:49.7:0.9, 27:08N:143:38E, h10km, mb4.3/5, Error ellipse: s-maj=18.7km s-min=14.0km az=72.0

JMA 27 16:19:51.6:0.1, 27:40N:143:30E, h79km, mb3.9/4, mb1.4/1.5, mb1mx3.6/4.3, mbmtmp3.9/5, ML3.5/1, Error ellipse: s-maj=84.2km s-min=28.1km az=76.0

ISC 27 16:19:52.5:1.2, 27:35N:107:143:5E:0:1, h35km, n20, +s164/23, mb4.2/10, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBJJ, CBJJ, CBJJ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WARR, WARR, WARR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EREA, EREA, EREA, etc.

ISC 27 16:27:05.2:1.7, 27:32N:143:19E, h0km, mb3.5/5, mb1.3/7.4, mb1mx3.3/3.5, mbmtmp3.5/4, ML3.1/1, Error ellipse: s-maj=29.4km s-min=24.2km az=126.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBJJ, CBJJ, CBJJ, etc.

ISC 27 16:34:38.6:2.7, 26:26N:141:56E, h0km, mb3.6/6, mb1.3/7.6, mb1mx3.4/2.9, mbmtmp3.6/6, MS3.3/1, Ms1.3/3.1, ms1mx2.6/5.0, Error ellipse: s-maj=120.5km s-min=21.3km az=75.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHJ, MJAR, WRA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANX, ANX, ANX, etc.

ISCJB 27 16:35:54.2:0.2, 38:18N:102:23:19E:0:02, h23km, 2km, Error ellipse: s-maj=2.8km s-min=2.2km az=21.2

CSEM 27 16:35:54.1:0.1, 38:20N:123:15E, h15km, ML2.8, Error ellipse: s-maj=2.3km s-min=1.7km az=22.0

THE 27 16:35:54.5:0.2, 38:22N:123:17E, h10km, ML2.8/16, Error ellipse: s-maj=0.9km s-min=0.3km az=146.0

ATH 27 16:35:54.0, 38:21N:123:15E, h19km, 1km, MD3.1/28, Error ellipse: s-maj=54.2:0.8, 38:21N:0:01:23:15E:0:01, h16km, 4km, n100, +0643/177, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VIL2, VIL2, VIL2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AOS, AOS, AOS, etc.

ISC 27 16:40:48.4:1.9, 25:35N:90:47E, h0km, mb3.5/6, mb1.3/7.6, mb1mx3.4/5.5, mbmtmp3.5/6, MS4.0/4, Ms1.4/0.4, ms1mx3.1/4.7, Error ellipse: s-maj=82.3km s-min=20.7km az=66.0, India-Bangladesh border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR, SONM, YAKB, etc.

CSEM 27 16:31:56.8:0.5, 28:24N:59:27E, h20km, ML3.5, Error ellipse: s-maj=13.7km s-min=10.3km az=124.0

TEH 27 16:32:01.2, 28:51N:58:39E, h27km, ML3.5, 5C-6D, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHMN, ZHFS, NIAN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include YKRB Yellowknife Ar, YKRA Yellowknife Ar, YKRE Yellowknife Ar, etc.

IDC 27 19:37:27.01.1, 4.16S:152.76E, h30km, mb3.8/5, mb1 4.0/6, mb1mx3.7/38, mbtmp3.8/6, ML 1.5/1, MS3.0/1, MS1 3.0/1, ms1mx2.5/27, Error ellipse: s-maj=35.9km s-min=21.8km az=123.0

ISCJB 27 19:37:30.4.1.0, 4.2S:0.1x152.9E:0.1, h35km, mb3.8/6, Error ellipse: s-maj=25.6km s-min=11.9km az=136.6

NEIC 27 19:37:31.9.0.7, 4.2OS:152.85E, h35km, mb4.5/1, Error ellipse: s-maj=18.7km s-min=13.5km az=127.0

ISC 27 19:37:31.9.1.1, 4.2S:0.2:152.9E:0.2, h35km, n9, c0#86/9, mb3.8/6, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include PMG Port Moresby, HNR Honiara, DZM Mont Dzumac, etc.

IDC 27 19:40:28.0.5.2, 4.43N:126.40E, h96km, mb5.5km, mb3.7/5, mb1 3.8/6, mb1mx3.4/39, mbtmp4.0/6, Error ellipse: s-maj=86.7km s-min=22.6km az=69.0, Talau Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include SJUI Sorong, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

MAN 27 19:46:46.18.12N:120.61E, h33km, mb4.2, ML3.0, MS2.7, 1C, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include PIP Pasuquin, ABRA Dolores, APYP Conner, etc.

IDC 27 20:05:18.5.1.3, 32.50S:178.69W, h0km, mb4.0/2, mb1 4.3/3, mb1mx3.8/25, mbtmp4.0/3, ML3.9/1, Error ellipse: s-maj=42.1km s-min=35.8km az=148.0

ISCJB 27 20:05:20.8.2.2, 32.85S:0.09:178.6W:0.4, h33km, mb3.9/2, Error ellipse: s-maj=44.1km s-min=11.3km az=10.1

ISC 27 20:05:22.8.1.5, 32.85S:0.1x178.7W:0.3, h33km, n14, c#1508/16, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include PKGZ Pakihira, HAZ Te Kaha, PUZ Puketiti, etc.

ISC 27 20:05:22.8.1.5, 32.85S:0.1x178.7W:0.3, h33km, n14, c#1508/16, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include WRA Warramunga Arr, MKAR Makanchi Array, FINES FINESS Array B, etc.

NEIC 27 20:07:00.32.60N:142.00E, h5km, Mw4.4 Best double couple: M4.540000:1015 NP1.0x160.00000: 8.148.00000, lambda.000000. NP2.0x21.00000: 850.00000: 1.119.00000

IDC 27 20:07:25.1.0.6, 32.47N:141.69E, h0km, mb4.0/18, mb1 4.1/22, mb1mx4.0/39, mbtmp4.0/22, ML3.3/3, MS3.6/18, MS1 3.7/18, ms1mx3.5/35, Error ellipse: s-maj=17.4km s-min=13.6km az=54.0

JMA 27 20:07:26.8.0.2, 32.55N:142.01E, h56km, M3.9, NEIC 27 20:07:26.6.0.4, 32.49N:141.71E, h10km, mb4.3/2, Error ellipse: s-maj=11.2km s-min=9.5km az=73.0

ISCJB 27 20:07:28.0.4.3, 32.54N:140.141.82E:0.06, h39km, mb4.0/20, MS3.7/13, Error ellipse: s-maj=7.6km s-min=4.2km az=153.0

ISC 27 20:07:29.0.5.3, 32.48N:140.05:141.85E:0.07, h39km, n56, c#149/66, mb4.2/20, MS3.7/13, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include JHU2 Mitsune, JHU3 Mitsune, JHCU Hachiojima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include BSO1 Boso 1, BSO2 Boso 2, JOJ2 Odawara 2, etc.

IDC 27 20:07:25.1.0.6, 32.47N:141.69E, h0km, mb4.0/18, mb1 4.1/22, mb1mx4.0/39, mbtmp4.0/22, ML3.3/3, MS3.6/18, MS1 3.7/18, ms1mx3.5/35, Error ellipse: s-maj=17.4km s-min=13.6km az=54.0

JMA 27 20:07:26.8.0.2, 32.55N:142.01E, h56km, M3.9, NEIC 27 20:07:26.6.0.4, 32.49N:141.71E, h10km, mb4.3/2, Error ellipse: s-maj=11.2km s-min=9.5km az=73.0

ISCJB 27 20:07:28.0.4.3, 32.54N:140.141.82E:0.06, h39km, mb4.0/20, MS3.7/13, Error ellipse: s-maj=7.6km s-min=4.2km az=153.0

ISC 27 20:07:29.0.5.3, 32.48N:140.05:141.85E:0.07, h39km, n56, c#149/66, mb4.2/20, MS3.7/13, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include ASAJ Ashikaga, JIE Ise, MJAR Matsushiro Arr, etc.

IDC 27 21:08:31.1.2.1, 7.91S:126.72E, h0km, mb3.4/1, mb1 3.5/3, mb1mx3.3/33, ML3.5/2, Error ellipse: s-maj=267.9km s-min=32.9km az=62.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include MKAR Makanchi Array, CMAR Chiang Mai Arr, LSA Lhasa, etc.

MAN 27 21:19:27.9.28N:126.12E, h27km, mb4.6, ML3.5, MS3.4, 1C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include BUTP Butuan, SCPH Surigao, SCPH Surigao, etc.

IDC 27 21:21:32.8.0.3, 44.05N:0.03:105.37W:0.03, h0km, Error ellipse: s-maj=4.3km s-min=3.0km az=15.2

IDC 27 21:21:32.7.1.0, 44.10N:105.52W:0.03, h0km, mb1 3.2/5, mb1mx3.3/6, mbtmp2.9/5, ML2.9/5, Error ellipse: s-maj=21.4km s-min=8.6km az=147.0

NEIC 27 21:21:34.3.0.4, 44.06N:105.42W, h0km, ML2.8, Error ellipse: s-maj=6.8km s-min=4.1km az=182.0, Suspected Mining explosion.

NEIC 28 km [17 miles] SSE of Gillette. ISC 27 21:21:34.6.0.6, 43.99N:0.03:105.42W:0.03, h0km, n29, c#114/49, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include RSSD Black Hills, K2A Casper, PHMY Pilot Hill, etc.

IDC 27 21:03:59.9.0.5, 37.46N:104.71E:0.07, h10km, mb3.6/6, Error ellipse: s-maj=8.5km s-min=4.6km az=152.2

IDC 27 21:04:05.6.8.1, 37.51N:101.78E, h30km, mb3.5/6, mb1 3.6/12, mb1mx3.4/6, mbtmp3.7/12, ML3.2/6, MS2.8/1, MS1 2.8/1, ms1mx2.4/5, Error ellipse: s-maj=43.2km s-min=19.5km az=162.0

NIC 27 21:04:06.4.1.8, 37.40N:101.71E:0.07, h10km, mb4.1, mpv3.7, Error ellipse: s-maj=14.0km s-min=13.1km az=62.0

ISC 27 21:04:02.3.0.8, 37.45N:101.71E:0.07, h10km, n27, c#156/35, mb3.6/6, 13C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include MNAS Manas, MNAS Manas, MNAS Manas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

IDC 27 21:08:31.1.2.1, 7.91S:126.72E, h0km, mb3.4/1, mb1 3.5/3, mb1mx3.3/33, ML3.5/2, Error ellipse: s-maj=267.9km s-min=32.9km az=62.0, Banda Sea

IDC 27 21:08:31.1.2.1, 7.91S:126.72E, h0km, mb3.4/1, mb1 3.5/3, mb1mx3.3/33, ML3.5/2, Error ellipse: s-maj=267.9km s-min=32.9km az=62.0, Banda Sea

IDC 27 21:08:31.1.2.1, 7.91S:126.72E, h0km, mb3.4/1, mb1 3.5/3, mb1mx3.3/33, ML3.5/2, Error ellipse: s-maj=267.9km s-min=32.9km az=62.0, Banda Sea

IDC 27 21:08:31.1.2.1, 7.91S:126.72E, h0km, mb3.4/1, mb1 3.5/3, mb1mx3.3/33, ML3.5/2, Error ellipse: s-maj=267.9km s-min=32.9km az=62.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 27 21:08:31.1.2.1, 7.91S:126.72E, h0km, mb3.4/1, mb1 3.5/3, mb1mx3.3/33, ML3.5/2, Error ellipse: s-maj=267.9km s-min=32.9km az=62.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

MAN 27 21:19:27.9.28N:126.12E, h27km, mb4.6, ML3.5, MS3.4, 1C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include BUTP Butuan, SCPH Surigao, SCPH Surigao, etc.

IDC 27 21:21:32.8.0.3, 44.05N:0.03:105.37W:0.03, h0km, Error ellipse: s-maj=4.3km s-min=3.0km az=15.2

IDC 27 21:21:32.7.1.0, 44.10N:105.52W:0.03, h0km, mb1 3.2/5, mb1mx3.3/6, mbtmp2.9/5, ML2.9/5, Error ellipse: s-maj=21.4km s-min=8.6km az=147.0

NEIC 27 21:21:34.3.0.4, 44.06N:105.42W, h0km, ML2.8, Error ellipse: s-maj=6.8km s-min=4.1km az=182.0, Suspected Mining explosion.

NEIC 28 km [17 miles] SSE of Gillette. ISC 27 21:21:34.6.0.6, 43.99N:0.03:105.42W:0.03, h0km, n29, c#114/49, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include RSSD Black Hills, K2A Casper, PHMY Pilot Hill, etc.

IDC 27 21:03:59.9.0.5, 37.46N:104.71E:0.07, h10km, mb3.6/6, Error ellipse: s-maj=8.5km s-min=4.6km az=152.2

IDC 27 21:04:05.6.8.1, 37.51N:101.78E, h30km, mb3.5/6, mb1 3.6/12, mb1mx3.4/6, mbtmp3.7/12, ML3.2/6, MS2.8/1, MS1 2.8/1, ms1mx2.4/5, Error ellipse: s-maj=43.2km s-min=19.5km az=162.0

NIC 27 21:04:06.4.1.8, 37.40N:101.71E:0.07, h10km, mb4.1, mpv3.7, Error ellipse: s-maj=14.0km s-min=13.1km az=62.0

ISC 27 21:04:02.3.0.8, 37.45N:101.71E:0.07, h10km, n27, c#156/35, mb3.6/6, 13C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include MNAS Manas, MNAS Manas, MNAS Manas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, TKMZ Tokmak 2, AAK Ala-Archa, etc.

ISCJB 27 21:52:59.1±0.8, 10.88N±0.07±62.25W±0.04, h102km, 8km, Error ellipse: s-maj=11.2km s-min=5.7km az=164.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUV Guiria, TCE Chachacare, TRN Trinidad (W), etc.

ISCJB 27 21:53:26.7±1.0, 27.0N±0.1±143.52E±0.09, h10km, mb3.6/7, Error ellipse: s-maj=19.1km s-min=11.4km az=175.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CJC Chichijima, MJAR Matsushiro Arr, USRK Ussuriysk Arr, etc.

ISCJB 27 22:01:06.3±1.7, 17.32N±92.46E, h0km, mb3.5/7, mb1 3.5/8, mb1mx3.3/5.4, mbtmp3.4/8, ML3.3/1, Error ellipse: s-maj=55.9km s-min=22.3km az=61.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arra, ZALV Zalesovo Beam, BVAR Borovoye Array, etc.

ISCJB 27 22:03:37.6±0.9, 27.0N±0.1±143.62E±0.09, h10km, mb3.6/8, Error ellipse: s-maj=19.5km s-min=11.2km az=178.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CJC Chichijima, MJAR Matsushiro Arr, USRK Ussuriysk Arr, etc.

ISCJB 27 22:05:55.4±1.1, 17.46S±177.37W, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.8/26, mbtmp4.0/4, Error ellipse: s-maj=177.8km s-min=34.4km az=138.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FUNA Funafuti, HNR Honiara, STKA Stephens Creek, etc.

ISCJB 27 22:13:11.4±1.4, 0.44N±123.19E, h0km, mb3.4/4, mb1 3.7/4, mb1mx3.5/32, mbtmp3.5/4, Error ellipse: s-maj=152.1km s-min=34.8km az=65.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LUWI Luwuk, MRSI Marisa, APMI Ampiana, etc.

ISCJB 27 22:13:37.0±1.0, 0.04N±0.1±123.61E±0.08, h250km, n11, ±0563/11, mb3.0/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, ILAR Eielson Array, WALA Waterton Lakes, etc.

ISCJB 27 22:20:57.3±0.6, 21.04S±0.05±68.7W±0.1, h150km, 9km, mb3.6/3, Error ellipse: s-maj=20.5km s-min=8.3km az=171.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB01 IPOC Station P, PB01, PB09 IPOC Station P, etc.

ISCJB 27 22:20:57.6±0.5, 21.01S±68.63W, h142km, 4km, ML3.6, IDC 27 22:21:18.3±6.9, 19.09S±67.69W, h259km, 0.0km, mb3.3/3, mb1 3.3/5, mb1mx3.0/25, mbtmp3.8/5, Error ellipse: s-maj=109.3km s-min=26.4km az=23.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB07 IPOC Station P, HMBC Humberstone, PATCX Punta Patache, etc.

MKAR Makanchi Array 145.12 36 PKP PKPdf 22 40 19.8 +1.2 comp=E, 0.1nm, 0.3s, baz=33, slow=2.2, SNR=2.5

CSEM 27 22:23:09.5±0.4, 28.38N±59.03E, h2km, ML3.6, Error ellipse: s-maj=9.5km s-min=6.1km az=152.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZHFS Zahedan, CHHM Cheshme madani, IBND Bandar-abas, etc.

ISCJB 27 22:23:39.4±1.0, 27.0N±0.1±143.59E±0.08, h10km, n11, ±092/12, mb3.6/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NORR Negar Kerman, NGRK Negar Kerman, KRBR Kerman, etc.

IDC 27 22:25:44.3±0.6, 44.40N±148.26E, h44km, 4km, mb4.9/2, ISC 27 22:25:41.3±3.4, 44.36N±148.5E±0.2, h50km, n17, ±1976/22, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

JMA 27 22:25:43.7±0.3, 44.05N±148.03E, h0km, M4.1 SKHL 27 22:25:44.3±0.6, 44.40N±148.26E, h44km, 4km, mb4.9/2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, KUR 180nm, 0.2s, KUR 265nm, 0.2s, etc.

ISCJB 27 22:40:01.3±0.4, 25.1N±7.95E±, h10km, M4.6/13, mb4.9/10, mb4.7/13, ML5.0/7, Mw(MB)4.2/10

ISCJB 27 22:40:02.0±0.4, 24.28N±0.02±94.49E±0.02, h73km, 3km, mb4.6/89, Error ellipse: s-maj=4.9km s-min=2.7km az=32.6

MOS 27 22:40:03.6±1.0, 24.27N±94.66E, h85km, mb4.7/30, Error ellipse: s-maj=10.1km s-min=4.5km az=117.5

NEIC 27 22:40:05.0±2.0, 24.27N±94.63E, mb4.7/35, Error ellipse: s-maj=5.7km s-min=3.0km az=52.0

NEIC Feb at Bokkhat, Kohima and Manipur, India, IDC 27 22:40:05.1±0.4, 24.29N±94.70E, h85km, 3km, mb4.3/38, mb1 3.3/16, mb1mx4.2/65, mbtmp4.6/39, MS3.3/16, Ms1 3.3/16, ms1mx3.1/47, Error ellipse: s-maj=12.5km s-min=7.6km az=50.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUJ 27 22:40:07.0, 24.56N±94.63E, h100km, mb4.5/36, mb4.8/27, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like TECA Tecapa, CCIG Comitan, PACAY Pacayal, etc.

ISCJB 27.23:10:29.4.0.7, 27.3N.0.1:143.74E.0.08, h10km, mb4.2/14, Error ellipse: s-maj=15.1km s-min=9.3km az=167.3

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like CBIJ Chichi jima, MJAR Matsushiro Arr, SONM Songo Array, etc.

DSN 27.23:12:48.1.1.3, 28.182N-58.90E, h16km, mb3.5/5, ML4.4/5, Error ellipse: s-maj=75.0km s-min=9.7km az=132.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like ZHFS Zahedan, CHMN Cheshme madani, IBND Bandar-abas, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like BANOM Banah, KRBR Kerman, TVBK TV Kerman, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like HATD Hatta, Dubai, ASHO Ashiyah, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like WSAR Wadi Sarin, ASUD Al Ashush, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like GEYT Alikebeck, GNI Garni, KSH Kashi, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like ZHFS Zahedan, CHMN Cheshme madani, IBND Bandar-abas, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like IBND comp=Z,2j,m,0.2s, NGRK Negar Kerman, etc.

ISCJB 27.23:30:57.1.1.3, 27.3N.0.1:143.5E.0.1, h10km, mb3.8/4, Error ellipse: s-maj=20.8km s-min=14.1km az=153.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like JCS Chichijima, MJAR Matsushiro Arr, etc.

ISC 27.23:39:21.1.2.8, 26.56N-142.10E, h0km, mb3.6/5, s-maj=122.8km s-min=23.2km az=76.0, Bonin Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like SONM Songo Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

28d Oh

Table of astronomical observations for 28 days, including columns for object name, coordinates, magnitude, and other parameters.

2011 JAN

Main table of astronomical observations for January 2011, listing various objects like ELK, FFC, QLMT, etc., with their respective data.

1420

Table of astronomical observations for 1420, including objects like SAML, ISCJB, GUC, etc., with their respective data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HATD Hatta, Dubai; IKOO Kooshah; ASHO Ashiyah; IDAH Dahanechah; IMON Monand; etc.

ISC 28 00:34:27.3:6.9, 18.92Sx177.91W, h587km, 74km, mb2.7/5, mb1 3.0/5, mb1mx2.8/4.0, mbtmp3.7/5, Error ellipse: s-maj=88.8km s-min=34.3km az=148.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek; WRA Warramunga Arr; ASAR Alice Springs; etc.

ISC 28 00:41:05.0:0.7, 27.17N:143.64E, h0km, mb3.9/15, mb1 4.1/18, mb1mx3.9/5.8, mbtmp3.9/18, ML3.5/3, Error ellipse: s-maj=19.2km s-min=16.2km az=76.0

NEIC 28 00:41:06.0:0.3, 27.20N:143.64E, h10km, mb4.5/12, Error ellipse: s-maj=8.4km s-min=5.9km az=80.0

JMA 28 00:41:07.0:0.6, 27.05N:143.60E, h66km, M3.4

ISCJTB 28 00:41:08.3:0.5, 27.22N:143.60E:0.06, h33km, mb4.2/27, Error ellipse: s-maj=9.1km s-min=5.9km az=145.5

ISC 28 00:41:10.6:0.7, 27.21N:143.52E:0.08, h35km, n40, a1902/46, mb4.2/27, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJ Chichi jima; WRA Warramunga Arr; ZALV Zalesovo Beam; etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINES FINESS Array B; KBZ Khabaz; KIV Kislovodsk; etc.

ISC 28 00:45:04.8:1.1, 28.13N:59.08E, h15km, ML3.7

ICJTB 28 00:45:08.9:0.9, 28.48N:0.06:58.90E:0.05, h10km, Error ellipse: s-maj=9.3km s-min=6.4km az=20.7

CSEM 28 00:45:09.5:0.5, 28.41N:58.93E, h15km, ML3.9, Error ellipse: s-maj=11.1km s-min=8.7km az=164.0

TEH 28 00:45:10.5:0.5, 28.41N:58.94E, h18km, ML3.9

ISC 28 00:45:07.2:1.5, 28.35N:10.06:58.98E:0.06, h10km, n30, a1937/33, 7C-12D, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHMN Cheshme madani; NGRK Negar Kerman; etc.

ISC 28 00:45:02.1:5.0, 28.35N:10.06:58.98E:0.06, h10km, n30, a1937/33, 7C-12D, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TVBK TV Kerman; BNDS Bandar-Abbas; etc.

ISC 28 00:45:02.1:5.0, 28.35N:10.06:58.98E:0.06, h10km, n30, a1937/33, 7C-12D, Southern Iran

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAN INTENSITY III - DIPOLOG CITY; SINDANGAN; ZAMBOANGA DEL NORTE; etc.

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJ Chichi jima; WRA Warramunga Arr; etc.

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr; ZALV Zalesovo Beam; etc.

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr; ZALV Zalesovo Beam; etc.

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAN INTENSITY III - DIPOLOG CITY; SINDANGAN; ZAMBOANGA DEL NORTE; etc.

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

ISC 28 01:15:02.8:1.2, 8.39N:104.123:20E:0.04, h29km, 10km, n27, a1982/28, mb4.0/10, MS3.1/3, 2C-3D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Matsushiro Arr, Chichijima, Warramunga Arr, etc.

PRE 28 01:29:06.6:2.0,28:51S:20:36E,h5km,ML4.1,1C,South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UPI Upington, KOMG Komaggas, CVNA Calvinia, etc.

KRNET 28 01:39:54.3:0.1,42:32N:73:45E,h17km,mb1.5,11C-7D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AML Almayashu, EKS2 Erkin-Say, TOKL Toktogul, etc.

Table with columns: KK31, Karatay Array, 2.30 291, Pg, 01 40 47.6 +9.1. Includes error ellipse info.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKTYUBINSK INF, ZALESOVO INFRA14.37, etc.

IDC 28 01:44:57.7:0.2,21:87N:143:02E,h0km,mb3.9/8, mb1 4.2/8, mb1mx3/7.39, mbtmpp3.9/8, Error ellipse: s-maj=56.8km s-min=18.8km az=102.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

ISCJB 28 01:46:10.6:0.7,6:79N:0:04:73:10W:0:05,h162km,7km, Error ellipse: s-maj=9.2km s-min=5.0km az=40.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BARC Barichara, OCAC Ocana, NORC Norcasia, etc.

KRSC 28 01:50:02.2:1.1,54:40N:162:00E,h41km,24km,ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KZV Kizimen, KII Karymskiy, KMNK Kamenskiy, etc.

IDC 28 02:04:39.1:1.3,8:81S:126:96E,h0km,mb3.9/4, mb1 4.0/7, mb1mx3/7.41, mbtmpp3.8/7, ML3.7/3, MS3.9/1, Ms1 3.9/1, ms1mx2/6/40, Error ellipse: s-maj=74.9km s-min=23.1km az=77.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, YKA Yellowknife Arr, etc.

Table with columns: Error ellipse: s-maj=40.2km s-min=11.2km az=215.0, ISC 28 02:04:42.7:0.9,8:94S:0:08:127:20E:0:10,h35km,n12, s=109/14, mb4.1/7, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SOEI Soe, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

ISCJB 28 02:06:55.9:0.5,37:11N:0:03:35:75E:0:03,h9km,4km, Error ellipse: s-maj=4.3km s-min=3.4km az=11.0

DDA 28 02:06:55.2,37:09N:35:78E,h7km,Md3.0, ISK 28 02:06:55.7,37:12N:35:73E,h6km,Md2.7, CSEM 28 02:06:56.0:0.2,37:10N:35:76E,h10km,Md2.7, Error ellipse: s-maj=3.9km s-min=3.2km az=44.0

ISC 28 02:06:56.0:0.9,37:10N:0:02:35:75E:0:02,h13km,7km, n34, s=79/53, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CEYT Ceyhan, KOZT Kozan, KARAKARA Karaisali, etc.

CSEM 28 02:11:09.6:0.4,28:35N:59:03E,h2km,ML3.5, Error ellipse: s-maj=9.6km s-min=7.2km az=157.0

TEH 28 02:11:12.4,28:35N:59:01E,h17km,ML3.5,10C-2D, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHMN Cheshme madani, ZHFS Zahedan, IBND Bandar-abas, etc.

mb1 4.3/21, mb1mx4.2/42, mbtmp4.2/21, ML2.3/1, MS3.5/8, Ms1 3.5/8, ms1mx3.2/33, Error ellipse: s-maj=20.3km s-min=13.9km az=108.0

ISCJB 28 02:13:10.1±0.4, 5.27S, 0.06±152.88E, 0.08, h37km, mb4.2/24, MS3.5/8, Error ellipse: s-maj=12.6km s-min=7.1km az=30.7

NEIC 28 02:13:11.5±4.4, 5.25S, 152.94E, h35km, 31km, mb4.6/4, Error ellipse: s-maj=12.9km s-min=10.3km az=77.0

ISC 28 02:13:11.8±0.6, 5.26S, 0.08±152.9E, 0.1, h37km, n36, c=677/35, mb4.2/24, MS3.4/8, 1.C, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Charters Tower, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMA 28 02:21:16.4±0.2, 37.03N, 142.26E, h30km, M3.6, Off east coast of Honshu.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRSC 28 02:39:18.5±2.9, 49.89N, 155.55E, h61km, 17km, ML3.7, Kuril Islands.

IDC 28 02:52:00.1±0.9, 22.68N, 120.49E, h0km, mb3.7/8, mb1 3.9/8, mb1mx3.6/53, mbtmp3.8/8, MS3.7/3, Ms1 3.3/7, ms1mx2.9/58, Error ellipse: s-maj=40.4km s-min=16.9km az=66.0

JMA 28 02:52:01.2±0.1, 22.92N, 120.50E, h0km, M4.3, ISCJB 28 02:52:03.9±0.3, 22.84N, 0.02±120.56E, 0.02, h24km, 2km, mb3.7/7, MS3.6/5, Error ellipse: s-maj=3.1km s-min=2.5km az=155.5

TAP 28 02:52:03.4±2.2, 90N, 120.61E, h16km, ML4.2, B, ISC 28 02:52:03.4±1.0, 22.90N, 0.02±120.56E, 0.02, h17km, 7km, n89, c=1518/128, mb4.0/7, MS3.3/5, 9C-14D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWM1 Shoushan, SSD Sandimen, SSD Sandimen, etc.

Table with columns: CHNI, Station Name, Az, Phase ID, Time, Res. Includes stations like Nanshi, CHN1, STYT, etc.

Table with columns: WNT, Station Name, Az, Phase ID, Time, Res. Includes stations like WNT, TWK1, WTCT, etc.

Table with columns: TSEB, Station Name, Az, Phase ID, Time, Res. Includes stations like TSEB, PNG, ESL, etc.

Table with columns: TSW1, Station Name, Az, Phase ID, Time, Res. Includes stations like TSW1, TWD, NSY, etc.

Table with columns: ENTT, Station Name, Az, Phase ID, Time, Res. Includes stations like Suao, TWC, TWE, etc.

Table with columns: STKA, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA, WRA, WRA, etc.

IDC 28 02:53:08.7±3.7, 14.33S, 172.63E, h576km, 27km, mb3.1/6, mb1 3.3/6, mb1mx3.0/42, mbtmp4.1/6, Error ellipse: s-maj=73.3km s-min=25.9km az=129.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA, WRA, WRA, etc.

28d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Nevshehir-Avano, Corum, Mihalicik, etc.

IDC 28 03:29:12.4:273.0,36.17N;116.25W, h0km, Error ellipse: s-maj=127.1km s-min=58.3km az=3.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PINON FLAT INF, NEWPORT INFRAS2, etc.

IDC 28 03:41:45.2:6.5,27.48N;143.41E, h0km, mb3.6/4, m1 3.8/5, mb1mx3.5/44, mbtmp3.6/5, M1.5/1, MS2.6/1,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAKI, MATKANCHI ARR, etc.

IDC 28 03:41:49.5:1.6,27.68N;143.52E, h39km, M4.0, r=1507.10, mb3.5/4, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chichi jima, Haha-jima-NKT, etc.

IDC 28 03:45:05.1:86.4,0.3165N;132.06E, h0km, Error ellipse: s-maj=293.2km s-min=160.4km az=45.0, Southeast of Shikoku

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISUMI INFRASON, USSURIYSK INFR, etc.

ISCJB 28 03:51:09.8:1.3,26.1S;0:3:71.1E;0:2, h14km, mb3.8/8, MS3.5/2, Error ellipse: s-maj=41.1km s-min=21.4km az=30.9

IDC 28 03:51:09.8:1.5,26.04S;71.02E, h0km, mb3.8/8, m1 4.0/8, mb1mx3.7/44, mbtmp3.8/8, MS3.5/2, M1 3.4/2, ms1mx2.9/50, Error ellipse: s-maj=45.8km s-min=27.0km az=32.0

ISC 28 03:51:11.6:1.6,26.1S;0:3:71.1E;0:2, h11km, n19, r=6548.8, mb3.9/8, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Diego Garcia, Cape Leeuwin, etc.

JMA 28 03:51:59.2,35.36N;136.82E, h41km, M3.0,2D Broadband fault plane solution: P waves, NP1:

q=36.0000°, s=72.0000°, t=147.0000°. NP2: q=288.0000°, s=646.0000°, t=115.0000°. Principal axes: T P1q45.0000°, Azm262.0000°; N P1q41.0000°, Azm52.0000°; P P1q16.0000°, Azm156.0000°; Western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Tsu 2, Kaga, Wachi, etc.

YARS 28 04:01:43.6:0.5,56.65N;0:02:133.06E;0:04, h10km, Southeastern Siberia

2011 JAN

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Bomnak, Ekimchan, Kirovskiy, Zeya, etc.

ISCJB 28 04:13:03.2:0.3,28.16N;0:03:59.13E;0:06, h10km, mb3.8/16, Error ellipse: s-maj=7.1km s-min=3.9km az=4.7

THR 28 04:13:04.8:0.8,28.16N;59.07E, h15km, ML4.0, CSEM 28 04:13:06.7:0.2,28.18N;59.08E, h20km, ML4.0, Error ellipse: s-maj=7.0km s-min=3.0km az=87.0

OMAN 28 04:13:07.9:9.9,0.28,27N;59.40E, h39km,44km, Error ellipse: s-maj=10.4km s-min=13.2km az=11.0

IDC 28 04:13:07.5:5.2,28.19N;58.98E, h33km,41km, mb3.6/15, m1 3.7/19, mb1mx3.5/62, mbtmp3.8/19, ML3.5/4, MS2.8/1, M1 2.8/1, ms1mx2.5/64, Error ellipse: s-maj=18.7km s-min=16.2km az=169.0

TEH 28 04:13:10.7,28.45N;58.91E, h19km, ML4.0, ISC 28 04:13:10.4:3.0,25.18N;0:03:59.14E;0:04, h10km, n64, r=1927.72, mb3.8/16, 11C-8D, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Zahedan, Cheshme madani, Bandar-abas, etc.

ISC 28 04:20:36.6:0.1,28.17N;59.04E, h10km, mb4.9/83, MS4.7, Error ellipse: s-maj=3.9km s-min=3.6km az=102.0

GCMT 28 04:20:36.3:0.2,28.03N;58.94E, h12km, MW5.2/109, Moment Tensor Solution: s=67.7, c=91, s=109, c=188, Duration: 180 Moment tensor: Scale 10^17Nm; Mw=0.09;2;0; Mw=0.91;0;1; Mw=0.82;0;1; Mw=0.03;2;0;4; Mw=0.00;2;0; Mw=0.33;0;4; Best double couple: M=0.92800x10^17 NP1: q=227.00000°, s=77.00000°, t=-163.00000°. NP2: q=133.00000°, s=74.00000°, t=-14.00000°. Principal axes: T 0.9090, Plg2.0000°, Azm360.0000°; N 0.0380, Plg6.0000°, Azm265.0000°; P -0.9470, Plg21.0000°, Azm90.0000°; nst21 refers to body waves, cutoff=40s. nst22 refers to surface waves, cutoff=50s.

NEIC 28 04:20:36.3:0.2,28.15N;59.07E, h15km, mb5.0/58, M5.5,3(TEH), MN5.3(TEH), After THR.

NEIC Feb 28 04:20:36.0:0.1,28.17N;59.04E, h10km, mb4.9/83, MS4.7, THR 28 04:20:36.0:0.1,28.17N;59.04E, h10km, mb4.9/83, MS4.7, ISCJB 28 04:20:36.8:0.6,28.12N;0:02:59.02E;0:02, h23km,4km, mb4.9/169, MS4.7/73, Error ellipse: s-maj=2.7km s-min=2.5km az=10.3

DSN 28 04:20:37.0:0.7,28.08N;59.21E, h15km, mb4.9/10, ML6.0/6, MS4.7/4, Error ellipse: s-maj=13.7km s-min=5.7km az=110.0

BUI 28 04:20:37.0,28.29N;58.71E, h34km, mb4.8/61, mB5.2/45, Ms5.2/58, Ms7.4/9/53

MOS 28 04:20:38.0:1.2,28.13N;59.05E, h33km, mb5.1/76, MS4.7/36, Error ellipse: s-maj=5.6km s-min=3.6km az=105.0

TEH 28 04:20:39.8,28.34N;58.97E, h8km, ML5.3 OMAN 28 04:20:41.5:5.4,0.27,29N;59.25E, h63km,6km, Error ellipse: s-maj=6.6km s-min=5.1km az=39.0

ISC 28 04:20:38.9:0.4,28.13N;0:03:59.04E;0:02, h26km,2km, h25km; p-P, n737, q=149758, mb4.9/172, MS4.7/74, 53C-45D, Southern Iran

1424

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Samad, Arq, Wadi Bani Khal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Zahedan, Cheshme madani, Bandar-abas, etc.

Table with columns for station call sign, name, frequency, and various signal quality indicators (e.g., S/NR, SNR, SNR=20, etc.).

Table with columns for station call sign, name, frequency, and various signal quality indicators (e.g., S/NR, SNR, SNR=20, etc.).

Table with columns for station call sign, name, frequency, and various signal quality indicators (e.g., S/NR, SNR, SNR=20, etc.).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAJ Asahikawa, SEY Seymchan, PETK Petrovskiy, etc.

ISC 28 05:20:39.3:65.0, 16:32S:174.31W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/32, mbtmp3.7/3, Error ellipse: s-maj=1238.0km s-min=198.8km az=79.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warrungarra Arr, ASAR Alice Springs, etc.

ISCJB 28 05:31:22.7:0.6, 51:52N:0.03:16:01E:0.03, h0km, Error ellipse: s-maj=4.4km s-min=2.7km az=12.7 CSEM 28 05:31:25.2:0.4, 61:49N:15.90E: h2km, ML3.0/11, Error ellipse: s-maj=7.1km s-min=3.9km az=179.0 PRU 28 05:31:28.1:51.41N:15:98E, h0km VIE 28 05:31:30.8:1.6, 51:21N:16:11E, h0km, mb2.4/4, ml2.5/4, Error ellipse: s-maj=11.1km s-min=8.4km az=55.0, Suspected Mining induced.

ISC 28 05:31:25.4:1.1, 51:52N:0.05:15:95E:0.02, h0km, n38, s1504/72, 1C-3D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSP Ksiaz, UPIC Upice, DPC Dobruska-Polom, etc.

MORC Moravsky Berou, OKC Ostrava-Krasne, VRAC Vranov, NKC Novy Kostel, etc.

KHC Kasperske Hory, LANS Liptovska Anna, CONA Conrad Observa, etc.

BSO Bornholm Skovb, MOA Mollin, MOA Mollin, MOA Mollin, etc.

STHS Stebnicka Huta, STHS Stebnicka Huta, STHS Stebnicka Huta, etc.

MOA Mollin, MOA Mollin, MOA Mollin, etc.

MOA Mollin, MOA Mollin, MOA Mollin, etc.

MOA Mollin, MOA Mollin, MOA Mollin, etc.

MOA Mollin, MOA Mollin, MOA Mollin, etc.

ISC 28 05:44:26.3:3.7, 1:02S:99:59E, h0km, mb3.5/5, mb1 3.6/5, mb1mx3.4/38, mbtmp3.5/5, Error ellipse: s-maj=151.0km

s-min=26.2km az=54.0, ISCJB 28 05:44:30.3:0.6, 1:04S:0:06:99:44E:0:06, h33km, mb3.6/5, Error ellipse: s-maj=10.1km s-min=5.7km az=44.2, DJA 28 05:44:32.2:1.1, 1:54:10:0E, h32km, 13km, M4.1/16, mb4.1/4, MLV4.0/16, ISC 28 05:44:31.9:1.0, 1:04S:0:06:99:52E:0:06, h35km, n29, s1547/25, mb3.6/5, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDSI Padang, PPI Padang Panjang, PPSI Pulau Batu, etc.

ISC 28 05:49:18.5:0.7, 1:14S:0:06:99:45E:0:06, h33km, mb3.4/5, Error ellipse: s-maj=10.4km s-min=6.5km az=54.0, DJA 28 05:49:19.1:0.8, 1:53:3:10:0E, h15km, 9km, M3.8/15, mb4.0/1, MLV3.8/15, ISC 28 05:49:18.8:1.0, 1:13S:0:06:99:49E:0:06, h35km, n22, s1560/20, mb3.5/5, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KULM Kulim, KASI Kota Agung, H08S2 Diego Garcia H, etc.

ISC 28 05:49:18.5:0.7, 1:14S:0:06:99:45E:0:06, h33km, mb3.4/5, Error ellipse: s-maj=10.4km s-min=6.5km az=54.0, DJA 28 05:49:19.1:0.8, 1:53:3:10:0E, h15km, 9km, M3.8/15, mb4.0/1, MLV3.8/15, ISC 28 05:49:18.8:1.0, 1:13S:0:06:99:49E:0:06, h35km, n22, s1560/20, mb3.5/5, Southern Sumatara

ISC 28 05:49:18.5:0.7, 1:14S:0:06:99:45E:0:06, h33km, mb3.4/5, Error ellipse: s-maj=10.4km s-min=6.5km az=54.0, DJA 28 05:49:19.1:0.8, 1:53:3:10:0E, h15km, 9km, M3.8/15, mb4.0/1, MLV3.8/15, ISC 28 05:49:18.8:1.0, 1:13S:0:06:99:49E:0:06, h35km, n22, s1560/20, mb3.5/5, Southern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDSI Padang, PPI Padang Panjang, PPSI Pulau Batu, etc.

ISC 28 06:03:23.2:4.5, 41:21N:20:05E, h0km, mb3.4/8, mb1 3.5/11, mb1mx3.4/49, mbtmp3.4/11, ML3.2/3, MS2.7/1, Ms 1.2/7.1, ms1mx2.2/33, Error ellipse: s-maj=41.3km s-min=17.5km az=14.0, TIR 28 06:03:26.7:4.1, 60N:20:20E, h15km, 3km, MD3.6/12, THE 28 06:03:27.9:4.1, 57N:20:32E, h0km, 3km, ML3.4/3, Error ellipse: s-maj=4.0km s-min=1.4km az=321.1, BEO 28 06:03:27.5:0.6, 41:48N:29E, h2km, M3.1/8, SKG 28 06:03:28.1:4.1, 47N:20:19E, h14km, M3.2, ML3.6, PDK 28 06:03:28.2:0.6, 41:55N:20:22E, h12km, 1km, MD3.4/4, ML3.4/12, Error ellipse: s-maj=0.7km s-min=1.0km az=0.0, CSEM 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDSI Padang, PPI Padang Panjang, PPSI Pulau Batu, etc.

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PVY Vitosha, FNA Florina, FNA Florina, etc.

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SELS Selova, SELS Selva, KEK Kerkira, etc.

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

ISC 28 06:03:28.0:0.1, 41:54N:20:24E, h2km, Error ellipse: s-maj=5.0km s-min=1.8km az=51.0, ISC 28 06:03:27.2:0.8, 41:53N:0:01:20:24E:0.01, h7km, 6km, n162, s152/232, mb3.5/5, 20C-30D, Albania

28d 7h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IKOO, IBAF, IBAF, ITEG, IMON, etc.

MAN 28 06:53:19,13.17N,121.94E,h32km,mb4.2,ML3.1,MS2.8, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BOAC, AUQP, OTRP, etc.

IDC 28 06:53:44.5-1.8,6.94AS,129.99E,h0km,mb4.1/2, mb1 4.1/4,mb1mx3.7/30,mbmp4.0/4,ML4.1/2, Error ellipse: s-maj=138.3km s-min=29.4km az=70.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, ZALV, etc.

RSNC 28 06:57:54.5-0.8,3.02N,74.67W,h21km,32km,ML1.7, Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SJAC, TOLC, POPC, etc.

ISCJB 28 06:59:21.5-0.5,50.29N,0.04,18.65E,0.03,h0km, Error ellipse: s-maj=6.0km s-min=2.7km az=5.2

CSEM 28 06:59:22.1-0.3,50.28N,18.69E,h2km,ML2.8/4, Error ellipse: s-maj=7.0km s-min=3.3km az=7.0

PRU 28 06:59:22.7,50.24N,18.67E,h0km, Error ellipse: s-maj=22.4,0.8,50.23N,0.04,18.66E,0.02,h0km,n21, c=074/38,3C,Poland

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHZP, RAC, OKC, etc.

ISK 28 07:06:51.5,37.36N,36.42E,h10km,MD2.7

CSEM 28 07:06:52.4,0.2,37.41N,36.41E,h2km,MD2.7, Error ellipse: s-maj=5.9km s-min=3.5km az=173.0

DDA 28 07:06:52.6,37.39N,36.41E,h19km,MD3.0

ISC 28 07:06:52.6,1.0,37.39N,0.03,36.40E,0.02,h12km,9gkm, n31,c=056/52,Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAMA, HCB, KMRS, etc.

2011 JAN

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DARE, AKCD, etc.

IASPEI 28 07:26:54.9-0.9,32.62N,0.02,115.73W,0.02,h16km,6km, Error ellipse: s-maj=3.5km s-min=2.8km az=161.9,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

ISCJB 28 07:26:55.4,0.3,32.63N,0.02,115.73W,0.02,h15km,2km, Error ellipse: s-maj=2.9km s-min=2.6km az=152.7

NEIC 28 07:26:56.7,32.61N,115.75W,h4km,ML3.0(PAS), ML3.1(ECC),After ECX.

ECX 28 07:26:56.7,0.6,32.61N,115.75W,h4km,MD3.0,ML3.1 MEX 28 07:26:57.0,1.0,32.67N,115.67W,h16km,43km,MD4.0

ISC 28 07:26:54.9-0.8,32.61N,0.02,115.72W,0.02,h16km,6km, n52,c=073/74,6C-8D,California,Baja California border region

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SGL, ERPC, WESC, etc.

DECC Green Verdugo 2.73 308 Sb Sb 07 28 17.7 +1.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSC, GSC.

DHMR 28 07:27:54.7,1.3,12.09N,44.01E,h13km,13km,ML3.5, Western Arabian Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ADEN, ADEN, etc.

NIED 28 07:41:00,36.60N,140.60E,h53km,Mw3.8, Best double couple: M5.88000x1014 NPl1.38,00000, delta.200000, lambda-72.00000, NP2.198,00000, delta.67,00000, lambda-98.00000

ISCJB 28 07:41:44,3.0,4,36.57N,0.03,140.62E,0.05,h63km,3km, mb3.7/1, Error ellipse: s-maj=7.5km s-min=4.7km

JMA 28 07:41:45,6.0,1,36.56N,140.57E,h55km,1km,M3.8 Broadband fault plane solution: P waves. NP1: phi=188.00000, delta.60,00000, lambda-117,00000, NP2: phi=54.00000, delta.39,00000, lambda-52,00000. Principal axes: T P1g11.00000, Azm297.00000, N P1g23.00000, Azm202.00000, P P1g64.00000, Azm52.00000;

JMA Felt II J, IDC 28 07:41:45,3.1,8,36.61N,140.58E,h52km,18km,mb3.4/1/1, mb1 3.7/14,mb1mx3.5/48,mbmp3.7/14,ML3.6/3,MS3.4/1, MS3.4/1,ms1mx3.5/42, Error ellipse: s-maj=18.2km s-min=11.3km az=94.0

ISC 28 07:41:45,4.0,3,36.58N,0.04,140.56E,0.05,h54km,6gkm, n32,c=1922/39,mb3.7/11,5C-2D,Near east coast of eastern Honshu

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHO, JYT, ONAJ, etc.

28 9h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GULA Gulagac, NIG Nigde, SULT Sultanhan-AKS, etc.

CSEM 28 08:37:26.3;0.6;28.39N;59.71E;h2km,ML3.6,Error ellipse: s-maj=14.6km s-min=9.3km az=159

TEH 28 08:37:29.2;28.39N;59.07E;h14km,ML3.6,6D, Southern Iran

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZHFS Zahedan, CHMN Cheshme madani, NGRK Negar Kerman, etc.

ISCJB 28 08:43:13.8;0.7;36.99N;0.03;37.01E;0.05;h7km,8km, Error ellipse: s-maj=6.3km s-min=5.4km az=173.4

DDA 28 08:43:13.4;36.99N;37.05E;h7km,MD2.7

CSEM 28 08:43:13.4;36.99N;37.05E;h7km,MD2.7

ISC 28 08:43:13.8;0.1;0.3698N;0.03;37.04E;0.05;h10km,8km, n9,az=39/18, Jordan-Syria region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KUZU Kuzuini, HCB Kahramanmara, TAHT Tahtakopru-Hat, etc.

ISCJB 28 08:46:50.7;0.9;37.90N;0.05;29.11E;0.06;h13km,6km, Error ellipse: s-maj=9.5km s-min=5.5km az=140.5

CSEM 28 08:46:50.8;0.1;37.90N;29.13E;h15km,MD2.5, Error ellipse: s-maj=4.2km s-min=2.3km az=131.0

ISK 28 08:46:50.9;37.92N;29.11E;h5km,MD2.5

DDA 28 08:46:51.7;37.98N;29.08E;h7km,MD2.6

ISC 28 08:46:51.2;1.3;37.91N;0.04;29.13E;0.04;h10km,9km, n13,az=35/22, Turkey

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UZP Denizli, DENT Denizli, KHL Karahalli, etc.

IDC 28 08:48:34.5;4.5;35.93N;71.16E;h82km,34km,mb3.4/7, mb1.3/6/12, mb1mx3.3/60, mbtmp3.8/12, MS2.5, Ms1.2.5/1, ms1mx2.1/39, Error ellipse: s-maj=58.9km s-min=19.5km az=145.0

ISCJB 28 08:48:36.5;0.6;36.05N;0.04;71.26E;0.08;h114km, mb3.6/6, Error ellipse: s-maj=10.4km s-min=4.6km az=154.2

NNC 28 08:48:43.1;2.2;36.84N;70.93E;h0km,mb4.3,mpv3.9, Error ellipse: s-maj=19.1km s-min=16.3km az=118.0

ISC 28 08:48:39.1;1.3;36.15N;0.08;71.4E;0.2;h114km,n35, az=135/31,mb3.6/3,-3C-2D,Afghanistan-Tajikistan border region

2011 JAN

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AML Almayashu, MNAS Manas, UCH Uchtor, etc.

ISCJB 28 08:53:34.3;0.6;32.52N;0.02;115.62W;0.02;h10km,5km, Error ellipse: s-maj=3.0km s-min=2.9km az=150.0

NEIC 28 08:53:36.3;32.52N;115.64W;h5km,MD3.0(CECX), ML2.7(PAS), After ECX.

ECX 28 08:53:36.3;0.6;32.52N;115.64W;h5km,MD2.8,ML3.0

MEX 28 08:53:36.1;0.7;32.60N;115.52W;h16km,14km,MD3.7

ISC 28 08:53:34.6;1.1;32.53N;0.02;115.63W;0.02;h18km,3km, n44,az=75/70,6C-8D, California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SGL Mount Signal, WESC Westside Schoo, YUH Yuha Desert, etc.

SWSC Sam W. Stewart 0.43 341 P Pg 08 53 44.3 +0.8

SWSC Sam W. Stewart 0.43 341 P Pg 08 53 44.2 +0.8

SWSC baz=164,SNR=45

COA Coachella 0.54 52 P Pg 08 53 46.4 +1.0

EMSC East Mesa 0.58 69 P Pg 08 53 47.1 +1.0

CLIC Calipatria 0.62 112 P Pg 08 53 50.2 +0.6

MONP2 Monument Peak 0.76 299 P S 08 53 60.0 +0.5

GLA baz=122 0.85 52 P Pb 08 53 50.7 -0.2

GLA baz=231,SNR=9.4

GLA baz=231 0.85 52 P Pb 08 53 50.5 -0.4

TJG Tijuana 0.89 264 P Pb 08 53 51.7 +0.2

TJG Tijuana 0.89 264 P Pb 08 54 03.2 +0.1

TJG Tijuana 0.89 264 P Pb 08 53 51.6 +0.2

BAR Barrett 0.89 280 P Pb 08 53 52.2 +0.6

BAR Barrett 0.89 280 P Pb 08 54 03.4 +0.2

CBX Cerro Bola 0.90 256 P Pb 08 53 52.2 +0.5

CBX Cerro Bola 0.90 256 P Pb 08 54 03.5 0.0

CBX Cerro Bola 0.90 256 P Pb 08 54 04.2 +0.7

CBX Cerro Bola 0.90 256 P Pb 08 54 04.2 +0.5

CBX Cerro Bola 0.90 256 P Pb 08 54 03.5 0.0

SDR San Diego Road 1.13 281 P Pb 08 53 56.1 +0.5

BC3 Big Chuckawall 1.13 7 P S 08 53 55.3 -0.4

BC3 baz=188

EI Zacaton 1.15 209 P Pb 08 53 55.8 -0.1

ZAX Zax 0.85 52 P Pb 08 54 10.7 0.0

ZAX comp=N,298nm,0.3s

ZAX EI Chinero 1.16 155 P Pb 08 54 12.4

ECBX Cerro Bola 1.46 329 P Pb 08 54 11.6 +0.2

ECBX Cerro Bola 1.46 329 P Pb 08 54 13.2

ECBX comp=E,216nm,0.3s

ECBX Esteban Cantu 1.20 224 P Pb 08 53 56.9 +0.3

ECNX Punta Banda 1.22 230 P Pb 08 53 57.1 +0.3

ECNX Punta Banda 1.22 230 P Pb 08 53 57.1 +0.3

PFO Pinyon Flats O 1.28 327 P Pb 08 53 57.5 -0.2

PFO baz=149,SNR=14

PFO S 08 54 14.0 -0.6

1436

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PFO Pinyon Flats O, PFO Camp Elliott, SPIG San Pedro Mart, etc.

ISCJB 28 09:02:44.5;0.3;43.16N;0.02;18.91E;0.03;h4km,5km, Error ellipse: s-maj=3.5km s-min=2.4km az=16.0

CSEM 28 09:02:44.7;0.1;43.15N;18.91E;h2km,ML2.5, Error ellipse: s-maj=3.1km s-min=2.0km az=113.0

PDG 28 09:02:44.7;0.2;43.16N;18.88E;h12km,MD2.5/5, ML2.5/9, Error ellipse: s-maj=0.4km s-min=0.6km az=0.0

BE0 28 09:02:46.8;0.5;43.13N;19.01E;h8km,2km,MD2.3/1

ISC 28 09:02:45.0;0.4;43.16N;0.02;18.89E;0.02;h7km,5km, n52,az=74/94,18C-6D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like UPM Unac-Piva, UPM Unac-Piva, UPM Unac-Piva, etc.

ISCJB 28 09:13:41.4;0.5;31.06N;115.78W;h8km,44km,MD3.6, Baja California

Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SPIG San Pedro Mart, SPIG San Pedro Mart, SPIG San Pedro Mart, etc.

MEX 28 09:13:41.4;0.5;31.06N;115.78W;h8km,44km,MD3.6, Baja California

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SPIG San Pedro Mart, SPIG San Pedro Mart, SPIG San Pedro Mart, etc.

IDC 28 09:13:44.7;2.5;54.14N;86.46E;h0km,mb1.3/4/2, mb1mx3.1/49, mbtmp3.4/2, ML3.2/2, 2C-4D, Error ellipse: s-maj=19.6km s-min=12.8km az=56.0, Southwestern Siberia

28d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, KURK Kurchatov, KURKB Kurchatov, YKA Yellowknife Ar, FINES FINESS Array B, AKASG Malin Array Be, TXAR Lajitas Array.

CSEM 28 09:56:14.9.0.2.34.81N:36.99E,h30km,ML2.0,Error ellipse: s-maj=6.1km s-min=3.4km az=95.0
NSSC 28 09:56:14.9.1.3.34.82N:36.69E,h70km,9km,ML2.0
DDA 28 09:56:23.9.35.26N:37.08E,h26km,MD2.9
ISC 28 09:56:15.3.1.2.34.83N:0.02.36.93E:0.03,h34km,3km,n33,e1510/64,Jordan-Syria region

Main table of station data for the 28d 11h period, listing stations like Abou Rabah, Albida, Ras Al Marh, Batrach, Darouich, Zalf, Kuzui, Kasrt alli, Sala, SURC, HCB, etc.

2011 JAN

YARS 28 10:34:48.1.0.2.57.57N:0.01x128.01E:0.02,h10km, Southeastern Siberia

Table of station data for the YARS 28 10:34:48.1.0.2.57.57N:0.01x128.01E:0.02,h10km, Southeastern Siberia period, including stations like Aldan, Chagda, lengra, Bomnak, Kroskiy, YKLR, Tabaga, NBS, etc.

Code Station Name Az Az' Phase ID Time Res

Main table of station data for the 2011 JAN period, listing stations like Djebel Tarf, Djebel Ketaf, Djebel Djouab, Djebel Mahouad, etc.

1438

Table of station data for the 1438 period, including stations like EMIR, SJAF, CSJAF, CSOR, CSOR, ETOR, ESDC, MDT, MDT, GERES, MLR, TORD, AKASG, BRTR, NOA, MKAR, BOSHA, ULM, YKA, PDAR, CMAR, TXAR, etc.

Code Station Name Az Az' Phase ID Time Res

Main table of station data for the 1438 period, listing stations like Mont Dumac, DZM, HNR, URZ, URZ, STK, WRA, ASAR, ELK, NEW, etc.

MAN 28 10:53:30.11.23N:122.60E,h2km,mb4.2,ML3.0,MS2.7, 3C, Panay

Table of station data for the MAN 28 10:53:30.11.23N:122.60E,h2km,mb4.2,ML3.0,MS2.7, 3C, Panay period, including stations like Roxas, San Jose, Anti, Lapu-Lapu, etc.

CSEM 28 10:54:37.9.0.3.37.31N:37.12E,h8km,MD3.0,Error ellipse: s-maj=9.1km s-min=6.2km az=118.0

ISC 28 10:54:37.0.37.27N:37.16E,h4km,MD3.0
DDA 28 10:54:37.0.37.28N:37.17E,h6km,MD2.9
ISC 28 10:54:38.2.0.8.37.29N:0.04:37.16E:0.05,h8km,6km, Error ellipse: s-maj=8.2km s-min=5.8km az=138.9

ISC 28 10:54:38.2.1.3.37.28N:0.03:37.17E:0.03,h3km,11km,n25,e062/33,Turkey

Main table of station data for the 1438 period, listing stations like Kahramanmara, KMRs, KAMA, KUZU, KOZT, KOZT, AKCD, AKCD, TAHT, TAHT, SARI, DARE, DARE, URFA, URFA, MALT, MALT, YAYL, YAYL, PERTK, PERTK, SVSK, SVSK, etc.

MEX 28 10:59:09.5.0.3.16.49N:98.29W,h4km,12km,MD3.7, Far coast of Guerrero

Table of station data for the MEX 28 10:59:09.5.0.3.16.49N:98.29W,h4km,12km,MD3.7, Far coast of Guerrero period, including stations like Tliga, El Cayaco, Tehuacfan, Yautepc, Puente Sto Nin, etc.

Code Station Name Az Az' Phase ID Time Res

Main table of station data for the MEX 28 10:59:09.5.0.3.16.49N:98.29W,h4km,12km,MD3.7, Far coast of Guerrero period, including stations like Tliga, El Cayaco, Tehuacfan, Yautepc, Puente Sto Nin, etc.

mb1 3.9/9, mb1mx3.6/50, mbtmp3.6/9, ML3.4/1, Error ellipse: s-maj=26.9km s-min=21 km az=176.0 JMA 28 11:07:52.9.0.3, 27:19N:143:53E, h7km, M3.4 ISCJB 28 11:07:54.0.0.9, 27:25N:143:51E:0.08, h33km, mb3.6/8, Error ellipse: s-maj=15.8km s-min=6.9km az=150.4

ISC 28 11:07:55.7.1.0, 27:1N:143:47E:0.09, h35km, n13, r152/16, mb3.7/8, Bonin Islands region

Code	Station Name	A°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
CBJ	Chichi jima	1.15	269	Pn	Pn	11	08	14.3	-0.9		
CBJ	Chichi jima	1.15	269	S	S	11	08	30.0	+0.3		
JCJ	Chichijima	1.15	269	Pn	Pn	11	08	14.3	-1.0		
JCJ	Chichijima	1.15	269	S	S	11	08	29.0	-0.7		
JHH	Haha-jima-NKT	1.26	247	Pn	Pn	11	08	15.8	-0.9		
JHH	Haha-jima-NKT	1.26	247	S	S	11	08	34.4	+2.0		
JHU	Hanno	9.41	339	Pn	Pn	11	10	06.9	-1.8		
MJAR	Matsushiro Arr	57.14	29	P	P	11	10	22.1	-0.2		
SOM	Songino Array	35.49	316	P	P	11	14	51.3	+2.2		
WRA	Warramunga Arr	47.62	192	P	P	11	16	27.1	-1.2		
MKAR	Makanak Array	51.34	310	P	P	11	16	57.0	+0.3		
KURBB	Kurchatov Arr	53.84	314	P	P	11	17	16.1	+1.2		
ILAR	Eielson Array	57.14	29	P	P	11	17	38.3	-0.2		
BVAR	Borovoye Array	58.80	317	P	P	11	17	50.5	+0.2		
YKA	Yellowknife Ar	71.57	29	P	P	11	19	12.7	-0.2		
NVAR	Mina Array Bea	79.60	52	P	P	11	20	00.6	+0.9		

IDC 28 11:17:12.8.0.5, 15:15S:173:22W, h0km, mb4.5/20, mb1 4.7/20, mb1mx4.5/38, mbtmp4.5/20, MS3.8/24, Ms1 3.8/24, ms1mx3.8/29, Error ellipse: s-maj=25.0km s-min=12.9km az=128.0

ISCJB 28 11:17:21.5.0.3, 15:25S:173:17W:0.07, h78km, mb4.6/89, Error ellipse: s-maj=11.5km s-min=7.5km az=141.5

NEIC 28 11:17:23.1.0.2, 15:25S:173:24W, mb4.8/77, Error ellipse: s-maj=8.8km s-min=5.6km az=140.0

ISC 28 11:17:23.7.0.6, 15:20S:173:17W:0.1, h78km, h78km, n164, r192/158, mb4.7/89, 2C-10, Tonga Islands

Code	Station Name	A°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
AFI	Afiamalou	1.84	46	Pn	Pn	11	17	44.8	-8.7		
AFI	Afiamalou	1.84	46	S	S	11	18	02.5	-1.4		
FUNA	Funafuti	10.02	311	ePn	Pn	11	19	42.4	-0.6		
RAR	Rarotonga	14.03	317	Pn	Pn	11	20	30.6	-8.2		
RAR	Rarotonga	14.03	317	LR	LR	11	24	57.3			
DZM	Mont Dzumac	20.51	287	LR	LR	11	28	44.0			
PAE	Paea	22.72	99	eT	T	11	45	36.7			
PPT	Papeete	22.72	99	eLQ	LQ	11	30	03.7			
PPT2	Papeete2	22.72	99	eLQ	LQ	11	26	34.9			
PPT2	Papeete2	22.72	99	eLR	LR	11	27	25.5			
PPT2	Papeete2	22.72	99	eT	T	11	45	40.3			
TIAR	Tiarei	22.94	99	eT	T	11	45	53.9			
TVO	Taravao	23.04	100	eT	T	11	46	01.5			
TBI	Tubuai	23.74	114	eLQ	LQ	11	27	05.1			
TBI	Tubuai	23.74	114	eLR	LR	11	28	02.7			
TBI	Tubuai	23.74	114	eT	T	11	46	46.7			
PMOR	Pomariorio Ree	24.37	93	eT	T	11	47	47.5			
URZ	Urewera	24.53	199	P	P	11	22	34.4	-1.5		
URZ	Urewera	24.53	199	LR	LR	11	31	35.0			
URZ	Urewera	24.53	199	P	P	11	22	35.1	-0.7		
VAH	Vaihona	24.61	93	eT	T	11	48	05.2			
RPZ	Rata Peaks	31.46	202	LR	LR	11	36	05.5			
WHZ	Wether Hill Ro	34.48	204	eP	P	11	24	04.2	+0.1		
RKT	Rikitea	36.81	108	eT	T	11	20	03.9			
PMG	Port Moresby	39.18	274	LR	LR	11	36	56.2			
STKA	Stevens Creek	44.36	240	P	P	11	25	23.4	-3.0		
STKA	Stevens Creek	44.36	240	LR	LR	11	41	18.5			
WR1	Warramunga Arr	50.14	257	eP	P	11	26	08.1	-3.4		
WRA	Warramunga Arr	50.14	257	P	P	11	26	08.1	-3.5		
WRA	Warramunga Arr	50.14	257	LR	LR	11	44	36.2			
AS31	Alice Springs	50.41	252	eP	P	11	26	11.3	-2.4		
ASAR	Alice Springs	50.41	252	P	P	11	26	10.7	-3.0		
ASAR	Alice Springs	50.41	252	LR	LR	11	45	58.4			
SBA	Scott Base	63.47	185	eP	P	11	27	42.0	-2.9		
VNDA	Vanda	63.60	186	P	P	11	27	46.2	+0.4		
VNDA	Vanda	63.60	186	LR	LR	11	49	11.6			
MJAR	Matsushiro Arr	68.96	320	P	P	11	28	20.0	-0.7		
MJAR	Matsushiro Arr	68.96	320	LR	LR	11	53	19.7			
JAGI	Jajag, Banyuwya	72.52	266	eP	P	11	28	37.3	+2.3		
PETK	Petrovavlovsk-	72.52	342	P	P	11	28	41.8	-0.2		
PETK	Petrovavlovsk-	72.52	342	LR	LR	11	55	35.1			
PEA1	Petrovavlovsk-	72.52	342	eP	P	11	28	41.8	-0.2		
YBH	Yreka Blue Hor	73.29	37	P	P	11	28	46.7	-0.1		
YBH	Yreka Blue Hor	73.29	37	P	P	11	28	47.2	+0.4		
NV01	Mina Array Sit	74.01	42	eP	P	11	28	50.9	-0.4		
NVAR	Mina Array Bea	74.01	42	P	P	11	28	50.9	-0.4		
NVAR	Mina Array Bea	74.01	42	LR	LR	11	53	09.6			
NV11	Mina Array Sit	74.11	42	eP	P	11	28	51.8	0.0		
NV11	Mina Array Sit	74.11	42	P	P	11	29	12.6	+0.1		
KDAD	Kodiak Island	74.68	11	P	P	11	28	54.1	-0.3		
KDAD	Kodiak Island	74.68	11	P	P	11	28	54.1	-0.3		
MOD	Modoc Plateau	74.81	38	eP	P	11	28	55.9	+0.1		
MOD	Modoc Plateau	74.81	38	P	P	11	29	16.9	+0.4		
K05A	Summer Lake	74.96	37	eP	P	11	28	57.2	+0.5		
SHPR	Sheep Range	75.04	45	eP	P	11	28	57.5	+0.2		
SHPR	Sheep Range	75.04	45	P	P	11	29	17.9	-0.1		
W13A	Hualapai Mout	75.19	47	eP	P	11	28	58.2	0.0		
W13A	Hualapai Mout	75.19	47	P	P	11	29	18.7	-0.2		
R11A	Troy Canyon, C	75.74	43	eP	P	11	29	01.1	-0.2		
TUC	Tucson	76.07	51	eP	P	11	29	03.5	+0.3		

Code	Station Name	A°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
TUC	Tucson	76.07	51	eP	P	11	29	03.5	+0.3		
WVOR	Wild Horse Val	76.12	38	eP	P	11	29	23.8	-0.1		
WVOR	Wild Horse Val	76.12	38	P	P	11	29	20.4	+0.1		
WVOR	Wild Horse Val	76.12	38	P	P	11	29	24.5	+0.5		
KSRS	Korea Array	76.20	315	P	P	11	29	06.0	+2.3		
KSRS	Korea Array	76.20	315	LR	LR	11	57	06.4			
KSAR	Woyay Bay	76.22	315	P	P	11	29	06.0	+2.2		
X16A	Lo Mia Camp	76.59	48	P	P	11	29	06.5	+0.2		
X16A	Lo Mia Camp	76.59	48	P	P	11	29	27.2	+0.2		
J08A	Circle Bar Ran	76.76	38	eP	P	11	29	07.0	+0.1		
J08A	Circle Bar Ran	76.76	38	P	P	11	29	30.7	+3.1		
U15A	North Rim	76.98	46	eP	P	11	29	08.7	+0.2		
U15A	North Rim	76.98	46	P	P	11	29	30.1	+0.9		
WUJAZ	Wupatki	77.18	47	eP	P	11	29	09.9	+0.5		
WUJAZ	Wupatki	77.18	47	P	P	11	29	30.4	+0.2		
USRK	Ussuriysk Ar.	77.38	323	LR	LR	11	55	50.4			
E07A	Sunnyside	77.90	34	eP	P	11	29	13.3	+0.3		
E07A	Sunnyside	77.90	34	P	P	11	29	33.9	+0.1		
HAWA	Hanford	77.97	35	eP	P	11	29	13.6	+0.2		
HAWA	Hanford	77.97	35	P	P	11	29	34.5	+0.3		
RC01	Rabbit Creek A	78.30	11	eP	P	11	29	14.7	-0.2		
MFD	Camas Ranch	78.38	39	eP	P	11	29	15.8	0.0		
DUG	Dugway Tooele	78.54	43	eP	P	11	29	16.4	-0.5		
PMR	Palmer	78.88	11	eP	P	11	29	18.2	+0.2		
TTA	Tatalina	79.03	8	eP	P	11	29	18.7	-0.2		
DIV	Divide	79.15	13	eP	P	11	29	19.5	-0.1		
DIV	Divide	79.15	13	P	P	11	29	39.8	-0.6		
D06A	Colville Reser	79.28	33	eP	P	11	29	19.2	-1.3		
HLID	Hailey	79.31	39	eP	P	11	29	21.1	0.0		
KLU	Klutina	79.44	13	eP	P	11	29	20.9	-0.3		
KLU	Klutina	79.44	13	P	P	11	29	42.2	+0.2		
SCM	Sheep Creek Mo	79.45	12	eP	P	11	29	21.1	-0.1		
C09A	Christman Ranch	79.50	34	eP	P	11	29	21.4	-0.4		
MNTX	Cornudas Mount	79.50	53	eP	P	11	29	24.4	+0.1		
MNTX	Cornudas Mount	79.50	53	P	P	11	29	45.9	+0.7		
PV05	Paradox Valley	80.01	46	eP	P	11	29	25.4	+0.4		
MA02	Magadan	80.06	342	LR	LR	11	57	31.1			
CA09	Castle Rocks	80.06	9	eP	P	11	29	23.2	-1.3		
PV09	Paradox Valley	80.18	46	eP	P	11	29	26.5	+0.4		
PV10	Paradox Valley	80.19	46	eP	P	11	29	25.9	-0.1		
TX31	Lajitas Array	80.29	56	P	P	11	29	49.5	+2.1		
TXAR	Lajitas Array	80.29	56	P	P	11	29	26.5	-0.1		
TXAR	Lajitas Array	80.29	56	LR	LR	11	56	56.9			
TRF	Thorofore Moun	80.39	10	eP	P	11	29	25.8	-0.6		
NEW	Newport	80.40	34	P	P	11	29	25.1	-1.6		
NEW	Newport	80.40	34	P	P	11	29	25.1	-1.6		
PV01	Paradox Valley	80.46	46	eP	P	11	29	27.3	-0.1		
PV01	Paradox Valley	80.46	46	P	P	11	29	47.6	-0.4		
CHUM	Lake Minchumin	80.46	9	eP	P	11	29	25.9	-0.7		
RND	Reindeer	80.60	11	eP	P	11	29	27.0	-0.4		
RND	Reindeer	80.60	11	P	P	11	29	48.9	+0.5		
TNA	Tin City	80.62	2	eP	P	11	29	27.9	+0.6		
TNA	Tin City	80.62	2	P	P	11	29	48.8	+0.5		
PAX	Paxson	80.86	12	eP	P	11	29	28.2	-0.6		
MCK	McKinley	80.88	11	eP							

28d 12h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Magadan 1, Aldan, Olekminsk, IENR Iengra.

THR 28 11:50:04.9, 0.6, 28.33N, 59.11E, h14km, 9km, ML3.6
CSEB 28 11:50:06.9, 0.4, 28.39N, 58.98E, h2km, ML3.8, Error
ellip: s-maj=10.7km s-min=7.4km az=126.0

TEH 28 11:50:11.0, 28.38N, 58.94E, h35km, ML3.8
ISC 28 11:50:06.7, 1.4, 28.38N, 0.07, 58.99E, 0.05, h10km, n23,
r1504/26, 4C-2D, Southern Iran

Main table for 28d 12h section, listing various stations and their parameters. Includes stations like CHMN, ZHSF, NIAN, KRBR, GENO, BNSD, KHGB, IBAF, IDAH, IMON, etc.

KRNET 28 11:55:03.1, 0.1, 41.05N, 69.45E, mb2.7
SOME 28 11:55:03.3, 40.93N, 69.77E, h10km
NCC 28 11:55:08.7, 9.3, 41.03N, 69.81E, h0km, mb3.1, mpv2.6,
Error ellip: s-maj=69.4km s-min=46.7km az=37.0

Table for 28d 12h section, listing stations like BATK, IUG, BRLS, ARK, KK31, TOKL, MNAS, ARLS, AAK, etc.

ISCJB 28 11:57:53.1, 0.4, 47.33N, 0.04, 148.42E, 0.08, h377km,
mb3.4/12, Error ellip: s-maj=8.5km s-min=3.8km
az=30.3

MOS 28 11:57:53.4, 1.3, 47.65N, 148.34E, h360km, mb3.9/4, Error
ellip: s-maj=21.5km s-min=9.6km az=70.2
SKHL 28 11:57:54.2, 0.5, 47.60N, 148.34E, h348km, 12km, mb4.8/5,
msh5.2/3

ISC 28 11:57:55.9, 1.5, 47.72N, 148.22E, h366km, 16km,
mb3.2/12, mb1.3/4, 19, mb1mx3.2/52, mbtmp4.0/19, Error
ellip: s-maj=17.8km s-min=10.4km az=146.0

Table for 28d 12h section, listing stations like KUR, WRA, ASAR, ILAR, etc.

2011 JAN

Table for 2011 JAN section, listing stations like KUR, SHO, YUK, etc.

ASCJB 28 12:12:39.6, 0.4, 36.99N, 0.03, 71.61E, 0.07, h10km,
mb3.8/13, Error ellip: s-maj=8.0km s-min=4.1km
az=160.8

ISC 28 12:00:57.7, 1.2, 18.67S, 177.57W, h0km, mb3.7/3,
mb1.4/0.3, mb1mx3.6/31, mbtmp3.7/3, MS4.3/1, Ms1.4/3.1,
ms1mx2.8/33, Error ellip: s-maj=312.9km
s-min=39.1km az=143.0, Fiji Islands region

Main table for 2011 JAN section, listing various stations and their parameters. Includes stations like KUR, SHO, YUK, JAR, etc.

ASCJB 28 12:12:39.6, 0.4, 36.99N, 0.03, 71.61E, 0.07, h10km,
mb3.8/13, Error ellip: s-maj=8.0km s-min=4.1km
az=160.8

ISC 28 12:00:57.7, 1.2, 18.67S, 177.57W, h0km, mb3.7/3,
mb1.4/0.3, mb1mx3.6/31, mbtmp3.7/3, MS4.3/1, Ms1.4/3.1,
ms1mx2.8/33, Error ellip: s-maj=312.9km
s-min=39.1km az=143.0, Fiji Islands region

ASCJB 28 12:12:39.6, 0.4, 36.99N, 0.03, 71.61E, 0.07, h10km,
mb3.8/13, Error ellip: s-maj=8.0km s-min=4.1km
az=160.8

Table for 2011 JAN section, listing stations like RAO, WRA, ASAR, ILAR, etc.

1440

NEIC 28 12:12:41.7, 0.8, 37.02N, 71.45E, h10km, mb4.1/2, Error
ellip: s-maj=15.4km s-min=11.8km az=142.0
NCC 28 12:12:42.4, 3.3, 37.17N, 71.20E, h0km, mb4.2, mpv3.9,
Error ellip: s-maj=30.3km s-min=24.5km az=39.0
ISC 28 12:12:41.0, 0.5, 37.01N, 0.04, 71.44E, 0.07, h10km, n53,
r196/57, mb4.0/13, 4C-5D, Afghanistan-Tajikistan

Main table for 1440 section, listing various stations and their parameters. Includes stations like CEP, CHCP, AML, UCH, KZA, EKS2, etc.

ISC 28 12:14:44.8, 6.2, 7.32S, 129.38E, h208km, 63km, mb3.2/1,
mb1.3/0.4, mb1mx2.8/43, mbtmp3.5/4, Error ellip: s-maj=78.3km
s-min=39.7km az=102.0, Vanuatu Islands

Table for 1440 section, listing stations like FITZ, etc.

28d 12h

Table with columns: ICAO, Name, Frequency, Mode, Power, and other parameters. Includes entries like MAJO Matsuhiro, MJB9 Matsu-Tunnel, STKI Sintang, etc.

2011 JAN

Table with columns: ICAO, Name, Frequency, Mode, Power, and other parameters. Includes entries like ISA Isabella, Lake, ISA Isabella, Lake, ISA Isabella, Lake, etc.

1442

Table with columns: ICAO, Name, Frequency, Mode, Power, and other parameters. Includes entries like HSIG baz=231,SNR=9.5, 214A Organ Pipe Nat, LDFO Landfir, etc.

E07A	Sunnyside	85.88	36	eP	P	12 49 00.3 +1.6
HAWA	Hanford	85.96	37	eP	P	12 49 00.5 +1.3
PMR	Palmer	85.97	14	eP	P	12 48 58.6 -0.1
PMR	Palmer	85.97	14	eP	P	12 48 58.6 -0.1
PMR	Palmer	85.97	14	eP	P	12 48 58.6 -0.1
RAGM	Ragged Mountai	85.98	16	eP	P	12 48 59.6 +0.7
PATY	Pattaya	86.05	285	P	P	12 49 02.4 +2.2
ENH	Enshi	86.06	304	eP	P	12 49 01.2 +1.2
W18A	Petrified Fore	86.08	50	eP	P	12 49 01.4 +1.2
W18A	Petrified Fore	86.08	50	eP	P	12 49 01.9 +1.6
MSU	Marysvale	86.09	46	eP	P	12 49 01.9 +1.7
MSU	Marysvale	86.09	46	eP	P	12 49 01.9 +1.7
BJT	Baijiatuu	86.10	316	eP	P	12 49 00.4 +0.5
BJT	Baijiatuu	86.10	316	eP	P	12 49 00.4 +0.5
BJT	Baijiatuu	86.10	316	eP	P	12 49 00.4 +0.5
BJT	Beijing	86.11	316	P	P	12 49 00.3 +0.4
BJT	Beijing	86.11	316	P	P	12 51 02.5 -0.4
BJT	Beijing	86.11	316	P	P	12 51 59.0 -1.1
BJT	Beijing	86.11	316	P	P	12 52 31.8 +0.4
BJT	Beijing	86.11	316	P	P	12 58 48.0 +0.7
BJT	Beijing	86.11	316	P	P	13 02 25.3 -0.1
BJT	Beijing	86.11	316	P	P	13 04 46.0 +2.2
RPW	Rockport	86.15	34	eP	P	12 49 00.7 +0.7
C06D	Leavenworth	86.15	35	P	P	12 49 00.8 +0.8
NAYO	Nakonayok	86.18	287	P	P	12 49 02.7 +1.9
B06A	Mablemount	86.20	34	eP	P	12 49 01.4 +1.2
121A	Cookles Peak, D	86.23	53	eP	P	12 49 03.1 +1.9
SML	Sawmill	86.34	14	eP	P	12 49 00.4 -0.2
SML	Sawmill	86.34	14	eP	P	12 49 00.4 -0.2
SML	Sawmill	86.34	14	eP	P	12 49 00.4 -0.2
DIV	Divide	86.35	15	eP	P	12 49 01.0 +0.4
MFID	Camas Ranch	86.39	40	eP	P	12 49 02.5 +1.1
SURT	Suratani	86.42	281	P	P	12 49 04.2 +2.2
BMRM	Bremner River	86.50	16	eP	P	12 49 01.7 +0.3
WTV	Waterville	86.52	35	eP	P	12 49 02.7 +0.9
PPLA	Purkeypille	86.52	12	eP	P	12 49 00.3 -1.2
DUG	Dugway, Tooele	86.55	44	eP	P	12 49 03.0 +0.7
DUG	Dugway, Tooele	86.55	44	eP	P	12 49 03.0 +0.7
DUG	Dugway, Tooele	86.55	44	eP	P	12 49 03.0 +0.7
DUG	Dugway, Tooele	86.55	44	eP	P	12 49 03.0 +0.7
GYA	Guyang	86.59	300	iP	P	12 49 03.8 +1.1
GYA	Guyang	86.59	300	iP	P	12 51 06.5 +0.7
GYA	Guyang	86.59	300	iP	P	12 52 02.0 +1.1
GYA	Guyang	86.59	300	iP	P	12 52 37.5 +1.9
GYA	Guyang	86.59	300	iP	P	12 58 35.3 -0.5
GYA	Guyang	86.59	300	iP	P	12 58 53.5 +0.8
GYA	Guyang	86.59	300	iP	P	13 02 30.0 -2.1
SCM	Sheep Creek Mo	86.59	14	eP	P	12 49 02.1 +0.3
SCM	Sheep Creek Mo	86.59	14	eP	P	12 49 02.1 +0.3
SCM	Sheep Creek Mo	86.59	14	eP	P	12 49 02.1 +0.3
KLU	Klutina	86.63	15	eP	P	12 49 02.2 +0.2
WRAK	Wrangell Islan	86.72	24	eP	P	12 49 03.7 +1.3
SLVN	Son La	86.72	294	eP	P	12 49 04.9 +1.6
PNL	Peninsula	86.86	19	eP	P	12 49 03.8 +0.7
NLU	North Lily Min	86.91	45	eP	P	12 49 05.4 +1.3
PCA	Pinnacle	86.95	18	eP	P	12 49 04.5 +0.9
Q16A	Castle Valley	86.98	46	eP	P	12 49 06.3 +2.0
F10A	Beach Ranch, 1	87.01	38	eP	P	12 49 04.9 +0.7
CAST	Castle Rocks	87.02	12	eP	P	12 49 02.5 -1.3
TNA	Tin City	87.02	4	eP	P	12 49 03.8 +0.2
SEY	Seymchan	87.08	347	P	P	12 49 03.9 0.0
SEY	Seymchan	87.08	347	P	P	12 49 04.0 0.0
TMUT	Trail Mountain	87.14	46	eP	P	12 49 06.9 +1.6
SNA	Sanae	87.18	179	eP	P	12 49 04.1 -0.5
SNA	Sanae	87.18	179	eP	P	12 49 04.1 -0.5
SNA	Sanae	87.18	179	eP	P	12 49 04.1 -0.5
SNA	Sanae	87.18	179	eP	P	12 49 05.7 +0.6
HLID	Halley	87.33	41	eP	P	12 49 07.4 +1.5
HLID	Halley	87.33	41	eP	P	12 49 07.2 +1.3
KTH	Kantishna Hill	87.36	12	eP	P	12 49 04.4 -1.0
PBKT	Sadao Pong	87.36	289	P	P	12 49 07.9 +1.6
TLIG	Tiapa	87.40	70	eP	P	12 49 08.2 +1.5
CHUM	Lake Minchumin	87.40	11	eP	P	12 49 04.8 -0.6
C09A	Chrisman Ranch	87.49	36	eP	P	12 49 04.7 +1.1
SRU	San Rafael Swe	87.51	46	eP	P	12 49 07.9 +1.1
SRU	San Rafael Swe	87.51	46	eP	P	12 49 07.9 +1.1
SRU	San Rafael Swe	87.51	46	eP	P	12 49 07.9 +1.1
P17A	Butcher Ranch,	87.55	46	eP	P	12 49 08.8 +1.8
LAZ	Ladron	87.62	52	eP	P	12 49 08.9 +1.4
Y22D	IRIS PASSCAL I	87.63	52	eP	P	12 49 09.1 +1.6
RND	Reindeer	87.65	13	eP	P	12 49 06.6 -0.1
RND	Reindeer	87.65	13	eP	P	12 49 06.6 -0.1
RND	Reindeer	87.65	13	eP	P	12 49 06.6 -0.1
DHY	Denali Highway	87.67	14	eP	P	12 49 06.9 -0.1
MNTX	Cornudas Mount	87.69	55	P	P	12 49 09.2 +1.5
MNTX	Cornudas Mount	87.69	55	P	P	12 49 09.0 +1.3
NVL	Nizarevskaya	87.84	183	iP	P	12 49 06.1 -1.5
NVL	Nizarevskaya	87.84	183	iP	P	12 49 06.1 -1.5
BPAW	Bear Paw Mtn,	87.85	12	eP	P	12 49 06.5 -1.1
BNN	Barren Site	87.88	52	eP	P	12 49 10.1 +1.4
MCK	McKinley	87.92	13	eP	P	12 49 07.4 -0.6
MCK	McKinley	87.92	13	eP	P	12 49 07.4 -0.6
MCK	McKinley	87.92	13	eP	P	12 49 07.4 -0.6
LPM	Los Pinos Moun	87.95	52	eP	P	12 49 10.1 +1.1
P18A	Preston Nutter	87.96	46	eP	P	12 49 10.4 +1.1
SKAG	Skagway	87.97	21	eP	P	12 49 09.6 +1.4

MVCO	Mesa Verde	87.97	49	P	P	12 49 10.0 +0.9
MVCO	Mesa Verde	87.97	49	eP	P	12 49 10.2 +1.0
PV05	Parox Valley	87.97	48	eP	P	12 49 10.4 +1.3
TX31	Lajitas Ar. Si	87.98	58	eP	P	12 49 10.6 +1.4
TXAR	Lajitas Ar. Si	87.98	58	eP	P	12 49 10.7 +1.6
PAX	Paxson	88.01	14	eP	P	12 49 08.1 -0.4
PAX	Paxson	88.01	14	eP	P	12 49 08.1 -0.4
PAX	Paxson	88.01	14	eP	P	12 49 08.1 -0.4
PV09	Paradox Valley	88.15	47	eP	P	12 49 10.9 +0.9
SRDT	SRDT	88.16	286	P	P	12 49 10.2 +1.9
PV10	Paradox Valley	88.16	47	eP	P	12 49 10.6 +0.6
UTTA	Utтарadit	88.19	290	P	P	12 49 11.8 +1.6
XAN	Xan	88.20	308	P	P	12 49 11.0 +1.0
XAN	Xan	88.20	308	P	P	12 49 11.0 +1.0
UTHA	Uthaitani	88.33	287	P	P	12 49 12.4 +1.5
PV01	Paradox Valley	88.37	48	eP	P	12 49 11.5 +0.6
ANMO	Albuquerque	88.37	51	dP	P	12 49 10.6 -0.3
ANMO	Albuquerque	88.37	51	dP	P	12 49 10.6 -0.3
ANMO	Albuquerque	88.37	51	dP	P	12 49 10.6 -0.3
ANMO	Albuquerque	88.37	51	dP	P	12 49 11.8 +0.9
ANMO	Albuquerque	88.37	51	dP	P	12 49 11.8 +0.9
NEW	Newport	88.39	36	eP	P	12 49 11.0 +0.5
NEW	Newport	88.39	36	eP	P	12 49 11.0 +0.5
NEW	Newport	88.39	36	eP	P	12 49 11.0 +0.5
NANT	Nan	88.47	291	P	P	12 49 12.6 +1.1
MLY	Manley	88.73	11	eP	P	12 49 10.9 -0.9
WRH	Wood River H	88.75	13	eP	P	12 49 11.3 -0.5
KHLT	Khoalaem Dam	88.80	286	P	P	12 49 15.1 +2.0
SUKH	Sukhothai	88.90	289	P	P	12 49 15.0 +1.5
DOT	Dot Lake	88.92	15	eP	P	12 49 12.1 -0.5
MCMT	McKenzie Cnyp	88.96	40	eP	P	12 49 14.7 +1.2
CCB	Clear Creek Bu	88.96	13	eP	P	12 49 12.0 -0.7
DLBC	Dease Lake	89.05	23	P	P	12 49 14.2 +0.9
DLBC	Dease Lake	89.05	23	P	P	12 49 14.6 +1.2
HIA	Hailar	89.06	325	eP	P	12 49 13.8 +0.2
HIA	Hailar	89.06	325	eP	P	12 49 13.8 +0.2
HIA	Hailar	89.06	325	eP	P	12 49 13.8 +0.2
PLCA	Paso Flores	89.09	134	P	P	12 49 15.8 +1.6
UMPA	Umpa Tak	89.09	288	P	P	12 49 16.1 +1.6
MDM	Murphy Dome	89.15	12	eP	P	12 49 12.9 -0.7
COLA	College	89.15	13	dP	P	12 49 12.7 -0.9
COLA	College	89.15	13	dP	P	12 49 12.7 -0.9
KMI	Kunming	89.24	297	P	P	12 49 16.5 +1.2
KMI	Kunming	89.24	297	P	P	12 49 16.5 +1.2
KMI	Kunming	89.24	297	P	P	12 49 16.5 +1.2
IL1	Eielson Array	89.26	13	eP	P	12 49 13.4 -0.7
ILAR	Eielson Array	89.26	13	eP	P	12 49 13.5 -0.6
ILB	Eielson Array	89.26	13	eP	P	12 49 13.5 -0.6
LAMP	Lampang	89.30	290	P	P	12 49 16.9 +1.5
CRAI	Chiangrai	89.31	292	P	P	12 49 08.5 -6.9
MISO	Missoula	89.38	38	eP	P	12 49 15.4 +0.1
MISO	Missoula	89.38	38	eP	P	12 49 15.1 -0.2
DLMT	Dillon	89.39	40	eP	P	12 49 16.6 +1.2
S22A	4UR Ranch, Cre	89.39	49	eP	P	12 49 16.9 +1.1
S22A	4UR Ranch, Cre	89.39	49	eP	P	12 49 16.9 +1.1
REDW	Red Top Meadow	89.44	42	eP	P	12 49 16.8 +1.1
BSMT	Bassoo Peak	89.45	37	eP	P	12 49 16.3 +0.6
SNOW	Snow King Moun	89.55	42	eP	P	12 49 17.6 +1.3
HHC	Hu-ho-hao-te	89.55	315	eP	P	12 49 17.0 +0.8
HHC	Hu-ho-hao-te	89.55	315	eP	P	12 51 18.0 -2.2
HHC	Hu-ho-hao-te	89.55	315	eP	P	12 59 15.5 -3.9
HHC	Hu-ho-hao-te	89.55	315	eP	P	12 59 15.5 -3.9
HHC	Hu-ho-hao-te	89.55	315	eP	P	12 59 15.5 -3.9
O20A	White River Ci	89.55	46	P	P	12 49 17.2 +0.9
O20A	White River Ci	89.55	46	P	P	

28d 12h

2011 JAN

1444

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Burnet, Haskell, KSCO, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like McCaskey Farm, Wetumka, L30A, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like AAK USP, Ospanovka, EKS2, etc.

Main data table with columns for station name, frequency, power, and other technical details. Includes various station identifiers like ATAB, AKBD, AKKB, etc.

28d 12h

2011 JAN

1446

h601km,6km,mb5.0/277, Error ellipse: s-maj=6.6km s-min=2.9km az=158.5 BUJ 2812:41:00.8, 18:89S:178:18W, h602km, mb5.0/38, mb5.1/23 IDC 2812:41:00.9, 1.2, 19:25S:178:04W, h605km, 1.3km, mb4.4/28, mb1 4.6/31, mb1mx4.4/44, mbtmp5.3/31, Error ellipse: s-maj=10.8km s-min=8.7km az=125.0 GCMT 2812:41:02.8, 0.5, 19:20S:178:07W, h623km, 4km MW5.4/70, Moment Tensor Solution. s70.c94; Duration: 1s2 Moment tensor: Scale 10^17Nm; M1=0.18±0.05; M2=1.27±0.08; M3=1.09±0.09; M4=0.18±0.09; M5=0.56±0.09; M6=1.11±0.09; Best double couple: M1:1.666000x10^17 N1:0.323,00000; S:7.0,00000; λ:-27.00000; NP2: 0.63,00000; δ65,00000; λ:-158.00000. Principal axes: T 1.4000, P1g4.0000, Azm14.0000; N 0.5360, P1g57.0000, Azm110.0000; P -1.9330, P1g33.0000, Azm282.0000; nsta1 refers to body waves, cutoff=40s. NEIC 2812:41:02.9, 0.1, 19:16S:178:22W, mb4.9/188 Error ellipse: s-maj=5.6km s-min=2.9km az=146.0 ISC 2812:41:01.7, 0.4, 19:20S:0.05S:178.05W:0.05, h615km, 4km, h616km:pp-P, n819, 0.1s11/875, mb5.0/277, 17C-35D, Fiji Islands region

Table with columns: Code, Station Name, L, A, Z, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their parameters.

Main table with columns: MTN, Station Name, Azimuth, Magnitude, Distance, P, S, T, etc. Lists seismic events with their characteristics.

Table with columns: Station Name, Azimuth, Magnitude, Distance, P, S, T, etc. Lists seismic events with their characteristics.

28d 12h

Table with columns: ID, Name, Az, El, AzEl, P, P, AzEl, P, P. Rows include N23A Red Feather La, N23A Red Feather La, CM01 Chiang Mai Arr, etc.

2011 JAN

Table with columns: ID, Name, Az, El, AzEl, P, P, AzEl, P, P. Rows include R31A Burdett, G25A Newell, G25A Huddler Ranch, etc.

1448

Table with columns: ID, Name, Az, El, AzEl, P, P, AzEl, P, P, Pmax, Pmax. Rows include U38A Gravette, MIAR Mount Ida, B28A Dugan Ranch, T, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like AKASG, AKBB, KIEV, AK11, etc.

OMAN 28 12:41:22.1, 2.8; 18N:59.39E, h20km, Error ellipse: s-maj=101.1km s-min=17.0km az=171.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like IDC, NEIC, THR, CSEM, etc.

FINES FINESST Array B 39.94 336 P P 12 46 58.4 +0.3

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details. Includes stations like SPITS Spitsbergen Ar, TORO Torodi Ar, DDA, etc.

ISCJB 28 13:23:44.1, 1.2, 28.26N:0.10:59.28E:0.09, h10km, Error ellipse: s-maj=17.0km s-min=5.5km az=143.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRBR, TVBK, GENO, BNDS, AML, AML, 13 25 14.6, etc.

IDC 28 13:45:21.27-47.0, 15.79S:175.14W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.6/33, mbtmp3.9/3, Error ellipse: s-maj=889.1km s-min=178.9km az=78.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA, WRA, ASAR, etc.

TRN 28 13:48:48.5, 17.62N:61.71W, h2km, MD3.7, 1C, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANWB, BPA, NEV, MBWH, etc.

NIED 28 13:48:00.34:70N:135:30E, h5km, Mw3.6 Best double couple: M2.67000:0.104, NP1.38188.00000, B31.00000, 1.97.00000, NP2.36380.00000, B59.00000, 1.86.00000

IDC 28 13:48:57.6:1.1, 34.63N:135:35E, h0km, mb3.5/4, mb1 3.6/7, mb1mx3.3/58, mbtmp3.4/7, ML3.1/3, MS2.5/1, Ms1 2.5/1, ms1mx2.1/38, Error ellipse: s-maj=27.3km s-min=15.3km az=144.0

ISCJB 28 13:48:53.4:0.4, 34.72N:0.03:135:26E.0.03, h10km, 3km, mb3.5/4, Error ellipse: s-maj=4.8km s-min=3.6km az=24.4 JMA 28 13:48:58.7, 34.73N:135:27E, h6km, 1km, M3.6 Broadband fault plane solution: P waves. NP1: 0.185.00000, 8.48.00000, 1.97.00000, NP2: 0.355.00000, 8.42.00000, 1.82.00000. Principal axes: T Plg84.00000, Azm149.00000; N Plg5.00000, Azm0.00000; P Plg3.00000, Azm270.00000

JMA Felt III J1. ISC 28 13:48:57.9:1.3, 34.69N:0.04:135:31E.0.03, h1km, 10km, n19, c084/30, mb3.6/4, 2C-8D, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMJK, JHE, JAJ2, JKS, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SONM, ILAR, WRA, FINES, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FINES, HFS, SPAO, etc.

YARS 28 13:58:53.0:3.56:60N:0.02:121:59E.0:02, h10km, Southern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHN, CLNS, IENR, etc.

IDC 28 14:17:51.5:0.8, 39:30N:73:90E, h0km, mb4.1/14, mb1 4.2/21, mb1mx0.4/9, mbtmp4.1/21, ML3.2/8, MS3.3/14, Ms1 3.3/14, ms1mx3.1/48, Error ellipse: s-maj=14.6km s-min=12.9km az=149.0

BUI 28 14:17:52.0, 39:46N:73:70E, h4km, mb4.2/10, MB4.4/1, ML3.9/6

KRNET 28 14:17:53.0:1.39:50N:74:07E, mb4.5/14, mb1 4.2/21, ms1mx3.1/48, Error ellipse: s-maj=14.6km s-min=12.9km az=149.0

MOS 28 14:17:55.2:1.8, 39:44N:73:85E, h32km, mb4.3/17, Error ellipse: s-maj=9.8km s-min=4.8km az=94.5

NEIC 28 14:17:59.1:2.4, 39:59N:73:84E, h49km, 18km, mb4.3/1, NNC 28 14:18:00.4:2.6, 39:83N:73:76E, h0km, mb4.4, mpv4.2, Error ellipse: s-maj=23.1km s-min=13.0km az=8.0

ISC 28 14:17:56.5:1.3, 39:46N:0.04:73:81E.0.03, h0km, 9km, n129, a2806/144, mb4.0/26, MS3.1/11, 38C-22D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSH, BTk, ARLS, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like AAK, KARAGAYBULAK, ULHL, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like ZRNC, ZRNC, ZRNC, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA, WRA, ASAR, etc.

28th 16h

Table of astronomical observations for 28th 16h, listing station names, coordinates, and observation details.

2011 JAN

Main table of astronomical observations for 2011 JAN, including station names, coordinates, and observation details.

1454

Table of astronomical observations for 1454, listing station names, coordinates, and observation details.

COEN Coen	13.79 231	ePn	Pn	16 38 50.0 +1.7	KSM Kuching	44.25 278	eP	P	16 43 32.2 -2.4	LZH Lanzhou	62.47 315	eP	P	16 45 49.0 +1.4
GENI Genyem	14.15 280	P	Pn	16 38 52.8 0.0	CISI Cisompet, Garu	46.03 265	P	P	16 43 47.0 -1.8	LZH Lanzhou		pP	PP	16 46 22.0 +1.7
GENI Genyem	14.15 280	P	Pn	16 38 52.8 0.0	CISI Cisompet, Garu	46.03 265	eP	P	16 43 43.2 -5.6	LZH Lanzhou		eS	SS	16 54 03.0 -1.4
CTA Charters Tower	16.58 207	P	P	16 39 23.4 +0.3	LEM Lembang	46.23 266	LR	LR	17 06 13.3	LZH Lanzhou	comp=Z,85nm,1.6s	pmax	pmax	16 55 03.3 +2.5
CTAO Charters Tower	16.58 207	eP	Pn	16 39 22.1 -0.9	TJN Taioj	48.41 331	P	P	16 44 07.4 +0.7	LZH Lanzhou				16 58 10.5 -0.5
CTAO Charters Tower	16.58 207	ePn	Pn	16 39 22.1 -0.9	KRSR Korea Array	49.01 332	P	P	16 44 10.4 -0.9	MA2 Magadad	64.70 358	iP	P	16 46 01.5 -0.1
EIDS Eidsvold	20.19 188	P	Pn	16 40 05.5 -0.1	KRSR Korea Array	49.01 332	P	P	16 44 10.4 -0.9	GTA Gaotai	66.88 317	iP	P	16 46 17.3 +1.2
KMPI Kaimana, Papua	20.39 274	P	P	16 40 05.2 +0.5	KSAR Wonju Array Be	49.02 332	P	P	16 44 10.5 -0.9	GTA Gaotai		pP	PP	16 46 52.3 +3.1
MWPI Manokwari, Pap	20.48 281	P	P	16 40 06.2 +0.5	KSAR Wonju Array Be	49.02 332	P	P	16 44 10.4 -0.9	GTA Gaotai		pS	SP	16 47 06.0 +2.0
DZM Mont Dzumac	20.53 146	P	P	16 40 07.9 +1.7	KSOT Wonju Array Si	49.04 332	eP	P	16 44 11.2 -0.4	GTA Gaotai		sS	SS	16 54 59.3 +0.9
QIS Mount Isa	20.71 222	P	P	16 40 08.5 +0.4	INCN Inchon	49.64 331	eP	P	16 44 16.8 +0.6	GTA Gaotai	comp=Z,190nm,4.8s	pmax	pmax	16 55 58.0 -2.5
RMQ Roma	21.70 193	P	P	16 40 20.0 +1.4	QIZ Qizhongzhong	49.82 300	P	P	16 44 14.0 -3.8	GTA Gaotai	comp=Z,190nm,5.2s	pmax	pmax	
FAK Fak Fak	21.92 275	P	P	16 40 19.6 -1.4	QIZ Qizhongzhong	49.82 300	S	S	16 51 17.8 +0.4	ULN Ulanbaatar	67.08 328	iP	P	16 46 18.0 +0.7
FAK Fak Fak	21.92 275	P	P	16 40 20.3 -0.7	QIZ Qizhongzhong	49.82 300	sS	sS	16 52 10.3 -1.4	ULN Ulanbaatar	comp=Z,8.0nm,1.0s	pmax	pmax	
SAU Saumlaki	22.58 250	P	P	16 40 26.1 -1.4	NJ2 Nanjing	50.03 320	eP	P	16 44 19.3 +0.2	ULN Ulanbaatar	comp=Z,8.0nm,1.0s	pmax	pmax	
KDU Kulad	22.80 262	P	P	16 40 30.2 +0.5	NJ2 Nanjing	50.03 320	eP	P	16 44 19.3 +0.2	ULN Ulanbaatar	comp=Z,9.4nm,1.0s	pmax	pmax	
SAUI Saumlaki	22.80 262	P	P	16 40 30.2 +0.5	ASAJ Asahikawa	50.25 349	P	P	16 44 21.2 +0.7	ULN Ulanbaatar	comp=Z,9.1nm,1.0s	pmax	pmax	
SAUI Saumlaki	22.80 262	P	P	16 40 30.2 +0.5	ASAJ Asahikawa	50.25 349	P	P	16 44 21.2 +0.7	ULN Ulanbaatar	comp=Z,9.1nm,1.0s	pmax	pmax	
SAUI Saumlaki	22.80 262	eP	P	16 40 26.8 -3.0	WHN Wuhan	52.09 316	UP	P	16 44 35.8 +1.2	SOMN Songino Array	67.42 327	P	P	16 46 20.0 +0.7
QLP Qulpiie	23.19 203	P	P	16 40 33.6 +0.5	SDSI Sungai Dareh	52.75 273	P	P	16 44 38.7 -1.1	SOMN Songino Array	67.42 327	P	P	16 46 20.0 +0.7
SIJI Sorong	23.21 280	P	P	16 40 32.1 -1.4	YSS Yush-Sakhalins	52.97 350	P	P	16 44 41.1 +0.4	SONA1 Songino Array	67.42 327	eP	P	16 46 19.8 +0.4
SIJI Sorong	23.21 280	P	P	16 40 32.6 -0.9	USRK Ussuriysk Arr	53.12 340	P	P	16 44 41.9 -0.1	SEY Seymechan	68.03 359	iP	P	16 46 20.8 -2.1
SWI Sorong	23.22 280	P	P	16 40 33.0 -0.6	PDSI Padang	53.72 273	P	P	16 44 44.7 -2.2	LSA Lhasa	69.57 304	eP	P	16 46 31.8 -1.7
SWI Sorong	23.22 280	P	P	16 40 32.8 -0.8	PPI Padang Panjang	53.83 273	P	P	16 44 46.1 -1.5	LSA Lhasa	comp=Z,7.0nm,0.6s	pmax	pmax	
MTN Manton Dam	23.88 250	P	P	16 40 39.4 -0.2	KULIM Kulim	54.39 280	eP	P	16 44 50.0 -1.8	YAK Yakutsk	69.70 348	eP	P	16 46 32.5 -0.5
MTN Manton Dam	23.88 250	eP	P	16 40 37.9 -1.7	CN2 CN2	55.27 335	eP	P	16 44 57.0 -0.5	YAK Yakutsk	comp=Z,6.8nm,0.6s	pmax	pmax	
WRAB Tennant Creek	24.11 231	eP	P	16 40 39.7 -2.0	CN2 CN2	55.27 335	eP	P	16 44 57.0 -0.5	YAK Yakutsk	comp=Z,6.8nm,0.6s	pmax	pmax	
WRAB Tennant Creek	24.11 231	eP	P	16 40 41.0 -0.7	CN2 CN2	55.27 335	eP	P	16 44 57.0 -0.5	ZAK ZAK	70.57 328	eP	P	16 46 38.8 +0.1
WRAB Tennant Creek	24.11 231	eP	P	16 40 39.7 -2.0	ENH Enshi	55.43 312	P	P	16 44 57.2 -1.7	ZAK ZAK	comp=Z,11nm,1.0s	pmax	pmax	
WRAB Tennant Creek	24.11 231	eP	P	16 40 39.7 -2.0	ENH Enshi	55.43 312	P	P	16 44 57.2 -1.7	BOD Bodaibo	70.70 339	eP	P	16 46 38.3 -0.9
WB2 Warramunga Arr	24.12 231	eP	P	16 40 41.6 -0.1	GYA Guiyang	55.71 307	P	P	16 45 01.5 +0.4	BOD Bodaibo	comp=Z,6.0nm,0.9s	pmax	pmax	
WRA Warramunga Arr	24.13 231	P	P	16 40 41.6 -0.2	GYA Guiyang	55.71 307	P	P	16 45 01.5 +0.4	TLY Talaya	71.14 330	eP	P	16 46 42.9 +0.9
WRA Warramunga Arr	24.13 231	P	P	16 40 41.6 -0.2	GYA Guiyang	55.71 307	P	P	16 45 01.5 +0.4	TLY Talaya	comp=Z,8.0nm,1.1s	pmax	pmax	
WRA Warramunga Arr	24.13 231	P	P	16 40 41.6 -0.2	GYA Guiyang	55.71 307	P	P	16 45 01.5 +0.4	TLY Talaya	comp=Z,8.0nm,1.1s	pmax	pmax	
WRA Warramunga Arr	24.13 231	P	P	16 40 41.6 -0.2	GYA Guiyang	55.71 307	P	P	16 45 01.5 +0.4	TAPN Taplejung	71.76 301	eP	P	16 46 47.0 +0.4
WRA Warramunga Arr	24.13 231	P	P	16 40 41.6 -0.2	GYA Guiyang	55.71 307	P	P	16 45 01.5 +0.4	ODAN Odare	71.90 300	eP	P	16 46 47.9 +0.5
ARMA Armidale	25.12 185	P	P	16 40 52.1 +1.3	GYA Guiyang	55.71 307	P	P	16 45 01.5 +0.4	VNDA Vanda	72.31 178	P	P	16 46 49.7 +1.0
MSAI Masohi	25.17 273	P	P	16 40 51.5 +0.2	GYA Guiyang	55.71 307	P	P	16 45 01.5 +0.4	VNDA Vanda	comp=Z,6.6nm,0.6s,baz=331,slow=6.8,SNR=23	pmax	pmax	
KRAI Karang Ratu	25.70 273	P	P	16 40 55.4 -0.8	GYA Guiyang	55.71 307	P	P	16 45 01.5 +0.4	VNDA Vanda	72.31 178	eP	P	16 46 49.7 +1.1
AAI Ambon	25.87 272	P	P	16 40 57.6 -0.1	GYA Guiyang	55.71 307	P	P	16 45 01.5 +0.4	MOY Mondy	72.49 329	eP	P	16 46 50.6 +0.4
AAI Ambon	25.87 272	P	P	16 40 56.3 -1.4	GYA Guiyang	55.71 307	P	P	16 45 01.5 +0.4	RAM Ramite	72.60 300	eP	P	16 46 51.7 +0.1
ASO1 Alice Springs	26.66 225	eP	P	16 41 04.1 -0.6	GYA Guiyang	55.71 307	P	P	16 45 01.5 +0.4	JIRN Jiri	73.14 301	eP	P	16 46 55.2 +0.3
AS31 Alice Springs	26.66 225	eP	P	16 41 04.1 -0.6	GYA Guiyang	55.71 307	P	P	16 45 01.5 +0.4	GUN Gumba	73.47 301	eP	P	16 46 57.2 +0.4
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	73.65 5	eP	P	16 46 55.9 -0.6
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.9	BILL Bilibino	comp=Z,28nm,1.5s	pmax	pmax	
ASAR Alice Springs	26.70 225	P	P	16 41 04.7 -0.4	TYV Tymooskoe	56.78 351	eP	P	16 45 10.0 +1.					

28d 19h

Table with columns: Call Sign, Frequency, Power, Mode, SNR, and other parameters. Includes stations like CHTO Chiang Mai, CM01 Chiang Mai Arr, and many others.

2011 JAN

Table with columns: Call Sign, Frequency, Power, Mode, SNR, and other parameters. Includes stations like BVAR Borovoye, BRVK Borovoye, and many others.

1458

Table with columns: Call Sign, Frequency, Power, Mode, SNR, and other parameters. Includes stations like HFS Hagfors, NB2 NORSAR Array B, and many others.

Additional information and notes at the bottom of the 1458 section, including coordinates and station details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, MKAR Makanchi Arry, KURBB Kurchatov Arra, BVAR Borovoye Array, LPAZ La Paz.

NIED 28 19:54:00, 27.10N, 143.60E, h5km, Mw4.2 Best double couple: Mo1: 990000; Mo2: 1019; NP1: 353.00000; B32.00000; A2: 26.00000; NP2: 105.00000; 877.00000; 1-120.00000.

IDC 28 19:54:29.0, 0.7, 26.89N, 143.50E, h0km, mb3.9/16, mb1.4/1.19, mb1mx3.9/4.7, mbtmp3.9/19, ML3.4/3.1, MS3.3/2, Mb1.3/3.2, Ms1mx2.7/5.3, Error ellipse: s-maj=16.1km s-min=14.5km az=74.0.

BUIJ 28 19:54:30.3, 27.00N, 143.40E, h20km, mb4.3/28, mB5.0/21, Ms4.7/13, Ms7.4/3/13

MOS 28 19:54:30.8, 1.4, 26.93N, 143.60E, h23km, mb4.5/20, Error ellipse: s-maj=16.5km s-min=7.3km az=111.9

NEIC 28 19:54:31.1, 0.3, 26.94N, 143.51E, h10km, mb4.7/10, Error ellipse: s-maj=9.2km s-min=7.3km az=74.0

JMA 28 19:54:32.0, 0.3, 27.13N, 143.60E, h40km, M4.2

ISCJB 28 19:54:34.3, 0.4, 27.27N, 143.48E, 0.04, h33km, mb4.3/39, MS4.2/3, Error ellipse: s-maj=6.1km s-min=4.6km az=41.8

ISC 28 19:54:35.0, 0.6, 27.11N, 143.48E, 0.06, h35km, n87, 1960/97, mb4.3/39, MS4.3/3, Bonin Islands region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CBJL Chichi jima, CBJJ Chichi jima, CBJC Chichijima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like YAK Yakutsk, SEY Seychan, SEY Seycham, KMI Kunming, etc.

IDC 28 20:03:45.6, 0.7, 19.54S; 168.06E, h0km, mb4.5/17, mb1.4/6.19, mb1mx4.5/30, mbtmp4.5/19, ML4.6/2, MS3.8/17, Ms1.3/8.17, ms1mx3.6/30, Error ellipse: s-maj=19.0km s-min=15.1km az=128.0.

NEIC 28 20:03:46.9, 0.3, 19.51S; 168.10E, h10km, mb5.0/21, Error ellipse: s-maj=8.4km s-min=6.9km az=163.0

GCMT 28 20:03:46.9, 0.4, 19.32S; 167.86E, h17km, Mw4.8/6.6, Moment Tensor Solution, s16, c18; s66, c87; Duration: 0.786tens; Scale: 10^16Nm; Mr=0.23; 12; Mw=1.0; Mb=2.01; 11; Me0.27; 26; Mw=0.46; 0.8; Mw=0.40; 24; Best double couple: Ms2.00500x10^16

NP1: 128.00000; s88.00000; A2.167.00000; NP2: 219.00000; 877.00000; A2.00000; Principal axes: T 2.1440, Plg10.0000, Azm83.0000; N -0.2810, Plg77.0000, Azm301.0000; P -1.8660, Plg8.0000, Azm174.0000; nsta1 refers to surface waves, cutoff=40s.

ISCJB 28 20:03:47.9, 0.2, 19.57S; 168.05E, h26km, mb4.8/37, MS3.8/15, Error ellipse: s-maj=7.9km s-min=5.4km az=147.0

BUIJ 28 20:03:51.0, 19.60S; 168.10E, h20km, mb4.6/8, mB5.0/4

ISC 28 20:03:49.6, 0.5, 19.57S; 168.09E, 0.08, h26km, n126, 1917/113, mb4.8/36, MS3.8/15, 13C, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like DZM Mont Dzumac, DZM DZM, HNR Honiara, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like COEN Coen, STKA Stephens Creek, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ANMO Albuquerque, PDAR Pinedale Array, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BINGOL, Tunceli-Merkez, Varto-Mus, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TABS Tabas, IKAZ Kazeroun, CHHM Cheshme madani, etc.

ISCJB 28:20:07.40.9.0.40.7S:0.2:81.2E:0.2, h10km, mb4.2/15, MS3.9/14, Error ellipse: s-maj=25.2km s-min=16.7km az=12.5

ISCJB 28:20:16.08.1.2.8:64S:157.51E, h0km, mb3.6/5, mb1.3/0.6, mb1mx3.6/32, mbtrnp3.76, ML4.3/1, Error ellipse: s-maj=35.5km s-min=23.9km az=147.0

CSEM 28:20:30.20.21.2.1.0.28:21N:59.15E, h2km, ML3.5, Error ellipse: s-maj=29.2km s-min=12.0km az=145.0

IDC 28:20:07.42.1.2.40.64S:81.24E, h0km, mb4.0/8, mb1.4/2.8, mb1mx4.0/37, mbtrnp4.0/8, MS3.8/14, Ms1.3/8/14, ms1mx3.5/47, Error ellipse: s-maj=44.5km s-min=24.5km az=14.0

IDC 28:20:16.08.1.1.2.8:64S:157.51E, h0km, mb3.6/5, mb1.3/0.6, mb1mx3.6/32, mbtrnp3.76, ML4.3/1, Error ellipse: s-maj=35.5km s-min=23.9km az=147.0

TEH 28:20:30.27.8.28.41N:58.95E, h29km, ML3.5, 2C-4D, Southern Iran

NEIC 28:20:07.42.3.0.9.40.87S:81.08E, h10km, mb4.6/6, Error ellipse: s-maj=31.0km s-min=18.3km az=187.0

ISCJB 28:20:16.09.2.0.9.8:73S:0.2:157.51E:0.2, h10km, n41, s1112N, mb4.4/15, MS3.9/14, Mid-Indian Ridge

DHMR 28:20:36.16.8.2.7.12:10N:43.89E, h11km, mb3.5/3, Ms1.3/6/2, mb1mx2.6/32, Error ellipse: s-maj=49.4km s-min=15.7km az=106.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H01W2 Cape Leeuwijn H, H01W3 Cape Leeuwijn H, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, WRR Warramunga Arr, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ADEN Aden, UDYN Al Udayn, LBOS Lbos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MYS Shipunski, Russkaya, Nalytchevo, etc.

KRSC 28 21:46:25.0+1.4, 52.14N, 160.35E, h19km, 13km, ML3.8, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MYS Shipunski, Russkaya, Nalytchevo, etc.

NEIC 28 21:48:34.0, 19.13N, 64.57W, h15km, ML3.5(RSPR), After RSPR

RSPR 28 21:48:34.5, 19.13N, 64.57W, h15km, 11km, MD3.5/8, 14C-5D, Virgin Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Saint Thomas, Col San Antoni, San Juan, etc.

IDC 28 21:59:06.7+6.1, 6.55+40S, 151.29E, h78km, 49km, mb3.2/4, mb1 3.6/5, mb1mx3.3/3.3, mbmtmp3.7/5, ML2.4/1, Error ellipse: s-maj=63.6km s-min=30.5km az=115.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, etc.

IDC 28 22:00:40.6+0.6, 55.40S, 27.85W, h0km, mb4.4/1, mb1 4.5/11, mb1mx4.3/23, mbmtmp4.4/11, MS3.7/13, Ms1 3.7/13, ms1mx3.6/27, Error ellipse: s-maj=23.8km s-min=17.6km az=22.0

ISCSJB 28 22:00:42.7+0.4, 55.36S, 0.07+27.99W, 0.10, h26km, mb4.5/20, MS3.8/13, Error ellipse: s-maj=10.8km s-min=6.8km az=30.3

NEIC 28 22:00:43.1+2.9, 55.39S, 27.87W, h17km, 17km, mb4.4/9, Error ellipse: s-maj=7.3km s-min=4.9km az=222.0

ISCS 28 22:00:44.6+0.4, 55.38S, 0.10+27.95W, 0.07, h26km, n58, 05545/45, mb4.4/9, MS3.7/13, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Hope Point, Neumayer Olymp, Neumayer-Watz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Las Campanas, Mawlawson, BDFB Brasilia, etc.

KRSC 28 22:15:19.4+1.1, 60.97N, 167.51E, h17km, 7km, ML4.0, Eastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tilichiki, Oссора, OALN, etc.

IDC 28 22:18:52.4+1.0, 55.35S, 27.74W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.9/32, mbmtmp4.0/3, Error ellipse: s-maj=44.0km s-min=33.7km az=83.0

NEIC 28 22:18:53.8+0.4, 55.36S, 27.91W, h15km, mb4.1/3, Error ellipse: s-maj=15.0km s-min=10.5km az=215.0

ISCSJB 28 22:18:54.2+0.8, 55.45S, 0.1+28.0W, 0.12, h26km, mb3.9/5, Error ellipse: s-maj=22.5km s-min=15.3km az=38.1

ISCS 28 22:18:56.0+0.8, 55.45S, 0.2+28.0W, 0.1, h26km, n10, 0568/10, mb3.9/5, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Hope Point, Snaea, Vnda, etc.

ISCSJB 28 22:19:56.8+0.4, 22.53S, 0.04+68.28W, 0.06, h125km, 4km, mb4.1/7, Error ellipse: s-maj=9.0km s-min=6.5km az=167.2

IDC 28 22:19:57.6+0.2, 22.46S, 68.24W, h141km, 6km, mb3.8/9, mb1 3.9/13, mb1mx3.8/39, mbmtmp4.1/13, Error ellipse: s-maj=18.9km s-min=15.4km az=1.0

NEIC 28 22:19:58.0, 22.54S, 68.58W, h137km, mb4.3/12, After GUC

GUC 28 22:19:58.5+0.6, 22.54S, 68.58W, h137km, 6km, ML4.5 SCB 28 22:20:14.3+1.1, 21.14S, 68.44W, h10km, ML3.6/1, Error ellipse: s-maj=109.1km s-min=25.7km az=88.0

ISCS 28 22:19:57.8+0.7, 22.58S, 0.04+68.31W, 0.06, h124km, 6km, n45, c19155, mb4.2/17, 11C, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Limon Verde, FITZ, WRA, etc.

IDC 28 22:07:28.0+0.7, 55.44S, 27.90W, h0km, mb4.4/11, mb1 4.5/11, mb1mx4.2/30, mbmtmp4.4/11, Error ellipse: s-maj=25.5km s-min=18.5km az=15.0

ISCSJB 28 22:07:29.0+0.5, 55.45S, 0.08+27.90W, 0.1, h26km, mb4.4/16, Error ellipse: s-maj=11.6km s-min=9.8km az=0.6

NEIC 28 22:07:30.9+4.6, 55.44S, 27.90W, h20km, 28km, mb4.4/5, Error ellipse: s-maj=10.3km s-min=7.9km az=217.0

ISCS 28 22:07:31.7+0.5, 55.48S, 0.09+27.89W, 0.09, h26km, n33, c10128, mb4.4/13, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Hope Point, Neumayer-Stat, Neumayer-Watz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASCENSION HYDR48.69, ASCENSION HYDR48.69, etc.

KRSC 28 22:15:19.4+1.1, 60.97N, 167.51E, h17km, 7km, ML4.0, Eastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tilichiki, Oссора, OALN, etc.

IDC 28 22:18:52.4+1.0, 55.35S, 27.74W, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.9/32, mbmtmp4.0/3, Error ellipse: s-maj=44.0km s-min=33.7km az=83.0

NEIC 28 22:18:53.8+0.4, 55.36S, 27.91W, h15km, mb4.1/3, Error ellipse: s-maj=15.0km s-min=10.5km az=215.0

ISCSJB 28 22:18:54.2+0.8, 55.45S, 0.1+28.0W, 0.12, h26km, mb3.9/5, Error ellipse: s-maj=22.5km s-min=15.3km az=38.1

ISCS 28 22:18:56.0+0.8, 55.45S, 0.2+28.0W, 0.1, h26km, n10, 0568/10, mb3.9/5, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Hope Point, Snaea, Vnda, etc.

ISCSJB 28 22:19:56.8+0.4, 22.53S, 0.04+68.28W, 0.06, h125km, 4km, mb4.1/7, Error ellipse: s-maj=9.0km s-min=6.5km az=167.2

IDC 28 22:19:57.6+0.2, 22.46S, 68.24W, h141km, 6km, mb3.8/9, mb1 3.9/13, mb1mx3.8/39, mbmtmp4.1/13, Error ellipse: s-maj=18.9km s-min=15.4km az=1.0

NEIC 28 22:19:58.0, 22.54S, 68.58W, h137km, mb4.3/12, After GUC

GUC 28 22:19:58.5+0.6, 22.54S, 68.58W, h137km, 6km, ML4.5 SCB 28 22:20:14.3+1.1, 21.14S, 68.44W, h10km, ML3.6/1, Error ellipse: s-maj=109.1km s-min=25.7km az=88.0

ISCS 28 22:19:57.8+0.7, 22.58S, 0.04+68.31W, 0.06, h124km, 6km, n45, c19155, mb4.2/17, 11C, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Limon Verde, FITZ, WRA, etc.

IDC 28 22:07:28.0+0.7, 55.44S, 27.90W, h0km, mb4.4/11, mb1 4.5/11, mb1mx4.2/30, mbmtmp4.4/11, Error ellipse: s-maj=25.5km s-min=18.5km az=15.0

ISCSJB 28 22:07:29.0+0.5, 55.45S, 0.08+27.90W, 0.1, h26km, mb4.4/16, Error ellipse: s-maj=11.6km s-min=9.8km az=0.6

NEIC 28 22:07:30.9+4.6, 55.44S, 27.90W, h20km, 28km, mb4.4/5, Error ellipse: s-maj=10.3km s-min=7.9km az=217.0

ISCS 28 22:07:31.7+0.5, 55.48S, 0.09+27.89W, 0.09, h26km, n33, c10128, mb4.4/13, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Hope Point, Neumayer-Stat, Neumayer-Watz, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like PMNB Patos De Minas, PTGA Pitinga, SWET Sewanee, etc.

RSNC 28 22:21:10.7±1.1, 5.63N-73.65W, h4km±14km, ML1.1, 1C,

Main table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like RUSC La Rusia, CHIC Chingaza, NORC Narcasia, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like SNY comp=N,680nm,10.6s, SNY comp=E,300nm,12.7s, BJI Beijing, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like SONM comp=Z,9.8nm,0.7s,baz=134,slow=10,SNR=43, SONGINO Songino Array, SONAI Luwul, etc.

Table with columns: Station Name, RA, Dec, Az, El, and other parameters. Includes stations like Erkin-Say, Noril'sk, Pallekale, Karatay Array, Alice Springs, Borovoye, etc.

Table with columns: Station Name, RA, Dec, Az, El, and other parameters. Includes stations like Dobruska-Polom, Vranov, Berggiesshubel, BRG, Gopce, etc.

Table with columns: Station Name, RA, Dec, Az, El, and other parameters. Includes stations like YSS, Yuzh-Sakhalins, Ugleorsk, Uglegorsk, Severo-Kuril's, etc.

TTA	Tatalina	37.44	39	eP	P	23 13 37.3 +1.6
SVWZ	Sparrehojv	37.56	42	eP	P	23 13 37.7 +1.0
PATS	Pohjpei	37.75	162	eP	P	23 13 39.5 +0.9
KDAK	Kodiak Island	39.21	47	P	P	23 13 49.8 -0.7
CAST	Castle Rocks	39.24	38	eP	P	23 13 52.4 +1.6
KTH	Kantishna Hill	39.77	38	eP	P	23 13 56.7 +1.5
MLY	Manley	39.87	36	eP	P	23 13 57.6 +1.6
TRF	Thorofore Moun	40.05	38	eP	P	23 13 58.4 +0.7
COLD	Coldfoot	40.20	32	eP	P	23 14 00.1 +1.5
RC01	Rabbit Creek A	40.40	42	eP	P	23 13 58.6 -1.8
MCK	McKinley	40.65	38	eP	P	23 14 04.2 +1.7
MCK	McKinley	40.65	38	eP	P	23 14 04.2 +1.7
MCK	McKinley	40.65	38	eP	P	23 14 04.2 +1.7
KMI	Kumming	40.73	258	P	P	23 14 04.8 +1.0
KMI	Kumming	40.73	258	P	P	23 14 04.8 +1.0
KMI	Kumming	40.73	258	P	P	23 14 04.8 +1.0
MDM	Murphy Dome	40.94	36	eP	P	23 14 05.8 +1.0
WRH	Wood River Hill	41.01	37	eP	P	23 14 06.8 +1.5
SML	Sawmill	41.02	41	eP	P	23 14 06.3 +0.8
SML	Sawmill	41.02	41	eP	P	23 14 06.3 +0.8
SML	Sawmill	41.02	41	eP	P	23 14 06.3 +0.8
COLA	College	41.10	36	eP	P	23 14 05.9 -0.2
COLA	College	41.10	36	eP	P	23 14 07.7 +1.7
COLA	College	41.10	36	eP	P	23 14 07.7 +1.7
CCB	Clear Creek Bu	41.13	36	eP	P	23 14 07.5 +1.2
ZALV	Zalesovo Beas	41.35	307	P	P	23 14 08.6 +0.4
DHY	Denali Highway	41.38	39	eP	P	23 14 09.1 +0.5
ILAR	Eielson Array	41.52	36	eP	P	23 14 09.6 +0.0
ILAR	Eielson Array	41.52	36	eP	P	23 14 09.6 +0.0
ILB	Eielson Array	41.52	36	eP	P	23 14 09.9 +0.4
ILB	Eielson Array	41.52	36	eP	P	23 14 09.9 +0.4
NVS	Novosibirsk	42.07	309	P	P	23 14 14.7 +0.6
NVS	Novosibirsk	42.07	309	P	P	23 14 14.7 +0.6
NVS	Novosibirsk	42.07	309	P	P	23 14 14.7 +0.6
KLU	Klutina	42.20	41	eP	P	23 14 16.5 +1.3
PAX	Paxson	42.26	39	eP	P	23 14 17.0 +1.3
PAX	Paxson	42.26	39	eP	P	23 14 17.0 +1.3
PAX	Paxson	42.26	39	eP	P	23 14 17.0 +1.3
MID	Middleton Isla	42.26	44	eP	P	23 14 16.9 +1.3
MID	Middleton Isla	42.26	44	eP	P	23 14 16.9 +1.3
MID	Middleton Isla	42.26	44	eP	P	23 14 16.9 +1.3
DIV	Divide	42.31	41	eP	P	23 14 17.2 +1.1
EYAK	Cordova Ski Ar	42.40	42	eP	P	23 14 16.4 -0.3
WMQ	Urumqi	42.42	292	eP	P	23 14 18.0 +0.7
WMQ	Urumqi	42.42	292	eP	P	23 14 18.0 +0.7
DOT	Dot Lake	42.82	38	eP	P	23 14 20.4 +0.2
BMRM	Bremner River	42.90	42	eP	P	23 14 21.6 +0.7
EGAK	Eagle	43.96	36	eP	P	23 14 29.9 +0.5
DAWY	Dawson	44.82	37	eP	P	23 14 36.8 +0.6
MK31	Makanchi Array	44.92	298	eP	P	23 14 37.8 +0.5
MK31	Makanchi Array	44.92	298	eP	P	23 14 37.8 +0.5
MKAR	Makanchi Array	44.92	298	eP	P	23 14 38.2 +0.9
MKAR	Makanchi Array	44.92	298	eP	P	23 14 38.2 +0.9
MKAR	Makanchi Array	44.92	298	eP	P	23 14 38.2 +0.9
MK01	Makanchi Array	44.92	298	eP	P	23 14 38.0 +0.7
KURK	Kurchatov	45.88	304	eP	P	23 14 45.3 +0.6
KURK	Kurchatov	45.88	304	eP	P	23 14 45.3 +0.6
KURK	Kurchatov	45.88	304	eP	P	23 14 45.3 +0.6
KKM	Kota Kinabalu	46.38	226	eP	P	23 14 49.7 +0.6
INK	Inuvik	46.47	30	eP	P	23 14 50.3 +1.2
INK	Inuvik	46.47	30	eP	P	23 14 50.3 +1.2
INK	Inuvik	46.47	30	eP	P	23 14 50.3 +1.2
CMAR	Chiang Mai Arr	47.71	254	LR	LR	23 34 50.0
CHKZ	Chkalovo	49.48	310	P	P	23 15 12.6 0.0
CHKZ	Chkalovo	49.48	310	P	P	23 15 12.6 0.0
VOSK	Vostochnaya	49.63	309	eP	P	23 15 13.9 +0.1
VOSK	Vostochnaya	49.63	309	eP	P	23 15 13.9 +0.1
BRVK	Borovoye	49.90	310	eP	P	23 15 16.7 +0.9
BRVK	Borovoye	49.90	310	eP	P	23 15 16.7 +0.9
WRAC	Wrangell Island	50.23	45	eP	P	23 15 18.5 +0.3
DLBC	Dease Lake	50.67	42	eP	P	23 15 22.2 +0.6
TKM2	Tokmak 2	50.84	296	eP	P	23 15 24.0 +0.7
TKM2	Tokmak 2	50.84	296	eP	P	23 15 24.0 +0.7
HLK	Haleakala	51.68	97	eP	P	23 15 29.9 +0.1
AAK	Ala-Archa	51.69	296	eP	P	23 15 29.9 +0.2
AAK	Ala-Archa	51.69	296	eP	P	23 15 29.9 +0.2
AAK	Ala-Archa	51.69	296	eP	P	23 15 29.9 +0.2
EKS2	Erkin-Say	52.15	296	eP	P	23 15 33.8 +0.8
EKS2	Erkin-Say	52.15	296	eP	P	23 15 33.8 +0.8
EKS2	Erkin-Say	52.15	296	eP	P	23 15 33.8 +0.8
KSH	Kashi	52.19	292	eP	P	23 15 45.5 +1.2
KKAR	Karatay Array	54.05	298	eP	P	23 15 47.5 +0.7
RES	Resolute Bay	55.11	17	eP	P	23 15 54.3 +0.3
YKW3	Yellowknife Ar	55.81	34	eP	P	23 15 59.5 +0.4
YKA	Yellowknife Ar	55.84	34	eP	P	23 15 59.7 +0.2
YKB5	Yellowknife Ar	55.84	34	eP	P	23 15 58.3 -1.1
AKAR	Akbulak array	59.51	290	eP	P	23 16 25.6 -0.3
KBL	Kabul	59.51	290	eP	P	23 16 25.6 -0.3
KBL	Kabul	59.51	290	eP	P	23 16 25.6 -0.3
KBL	Kabul	59.51	290	eP	P	23 16 25.6 -0.3

ARA0	ARCES Array S	59.55	340	eP	P	23 16 27.2 +1.8
ARCS	ARCES Array B	59.55	340	eP	P	23 16 25.2 -0.1
DAG	Danmarks Havn	59.66	356	iP	P	23 16 25.6 -0.4
DAG	Danmarks Havn	59.66	356	iP	P	23 16 25.6 -0.4
B06A	Marblemont	59.73	50	eP	P	23 16 27.5 +0.6
KLMR	Klimovskoe	60.77	328	eP	P	23 16 33.0 -0.8
KLMR	Klimovskoe	60.77	328	eP	P	23 16 33.0 -0.8
SUMG	Summit	64.13	2	iP	P	23 16 57.1 +0.6
SUMG	Summit	64.13	2	iP	P	23 16 57.1 +0.6
SUMG	Summit	64.13	2	iP	P	23 16 57.1 +0.6
SUMG	Summit	64.13	2	iP	P	23 16 57.1 +0.6
WRA	Warramunga Arr	64.30	194	P	P	23 16 56.0 -1.7
WRA	Warramunga Arr	64.30	194	P	P	23 16 56.0 -1.7
WRA	Warramunga Arr	64.30	194	P	P	23 16 56.0 -1.7
WRA	Warramunga Arr	64.30	194	P	P	23 16 56.0 -1.7
GEYT	Geitavik	64.78	299	P	P	23 17 01.7 +0.8
FINES	FINESS Array B	65.20	333	eP	P	23 17 03.2 +0.2
FINES	FINESS Array B	65.20	333	eP	P	23 17 03.2 +0.2
FINES	FINESS Array B	65.20	333	eP	P	23 17 03.2 +0.2
FINES	FINESS Array B	65.20	333	eP	P	23 17 03.2 +0.2
OBN	Obninsk	65.65	324	eP	P	23 17 05.2 -1.0
OBN	Obninsk	65.65	324	eP	P	23 17 05.2 -1.0
OBN	Obninsk	65.65	324	eP	P	23 17 05.2 -1.0
OBN	Obninsk	65.65	324	eP	P	23 17 05.2 -1.0
FFC	Flin Flon	65.73	37	eP	P	23 17 07.1 +0.4
FFC	Flin Flon	65.73	37	eP	P	23 17 07.1 +0.4
FFC	Flin Flon	65.73	37	eP	P	23 17 07.1 +0.4
FFC	Flin Flon	65.73	37	eP	P	23 17 07.1 +0.4
VRH	Novokhopovsk	65.87	318	eP	P	23 17 07.4 -0.2
VRH	Novokhopovsk	65.87	318	eP	P	23 17 07.4 -0.2
VRH	Novokhopovsk	65.87	318	eP	P	23 17 07.4 -0.2
VRH	Novokhopovsk	65.87	318	eP	P	23 17 07.4 -0.2
SCO	Scoreobysund	66.05	356	iP	P	23 17 09.1 +0.6
SCO	Scoreobysund	66.05	356	iP	P	23 17 09.1 +0.6
SCO	Scoreobysund	66.05	356	iP	P	23 17 09.1 +0.6
SCO	Scoreobysund	66.05	356	iP	P	23 17 09.1 +0.6
FCC	Fort Churchill	66.09	30	eP	P	23 17 09.0 +0.1
FCC	Fort Churchill	66.09	30	eP	P	23 17 09.0 +0.1
FCC	Fort Churchill	66.09	30	eP	P	23 17 09.0 +0.1
FCC	Fort Churchill	66.09	30	eP	P	23 17 09.0 +0.1
LPSR	Lajitas Ar. S	66.27	321	eP	P	23 17 10.3 +0.1
LPSR	Lajitas Ar. S	66.27	321	eP	P	23 17 10.3 +0.1
LPSR	Lajitas Ar. S	66.27	321	eP	P	23 17 10.3 +0.1
LPSR	Lajitas Ar. S	66.27	321	eP	P	23 17 10.3 +0.1
VSR	Storozhevoye	67.08	320	eP	P	23 17 15.6 +0.2
VSR	Storozhevoye	67.08	320	eP	P	23 17 15.6 +0.2
VSR	Storozhevoye	67.08	320	eP	P	23 17 15.6 +0.2
VSR	Storozhevoye	67.08	320	eP	P	23 17 15.6 +0.2
VSU	Vasula	67.16	31	iP	P	23 17 14.9 -0.9
VSU	Vasula	67.16	31	iP	P	23 17 14.9 -0.9
VSU	Vasula	67.16	31	iP	P	23 17 14.9 -0.9
VSU	Vasula	67.16	31	iP	P	23 17 14.9 -0.9
VORD	Divnogorie	67.18	319	eP	P	23 17 16.3 +0.3
VORD	Divnogorie	67.18	319	eP	P	23 17 16.3 +0.3
VORD	Divnogorie	67.18	319	eP	P	23 17 16.3 +0.3
VORD	Divnogorie	67.18	319	eP	P	23 17 16.3 +0.3
NV01	Mina Array Sit	67.48	58	eP	P	23 17 18.9 +0.4
NV01	Mina Array Sit	67.48	58	eP	P	23 17 18.9 +0.4
NV01	Mina Array Sit	67.48	58	eP	P	23 17 18.9 +0.4
NV01	Mina Array Sit	67.48	58	eP	P	23 17 18.9 +0.4
NV11	Mina Array Sit	67.57	58	eP	P	23 17 19.2 +0.3
NV11	Mina Array Sit	67.57	58	eP	P	23 17 19.2 +0.3
NV11	Mina Array Sit	67.57	58	eP	P	23 17 19.2 +0.3
NV11	Mina Array Sit	67.57	58	eP	P	23 17 19.2 +0.3
ASAR	Alice Springs	68.02	193	P	P	23 17 20.5 -1.0
ASAR	Alice Springs	68.02	193	P	P	23 17 20.5 -1.0
ASAR	Alice Springs	68.02	193	P	P	23 17 20.5 -1.0
ASAR	Alice Springs	68.02	193	P	P	23 17 20.5 -1.0
MOOW	Moossee Ponds	68.56	50	eP	P	23 17 26.4 +1.2
MOOW	Moossee Ponds	68.56	50	eP	P	23 17 26.4 +1.2
MOOW	Moossee Ponds	68.56	50	eP	P	23 17 26.4 +1.2
MOOW	Moossee Ponds	68.56	50	eP	P	23 17 26.4 +1.2
GOF	Gofitskoye	69.19	313	eP	P	23 17 29.5 +0.7
GOF	Gofitskoye	69.19	313	eP	P	23 17 29.5 +0.7
GOF	Gofitskoye	69.19	313	eP	P	23 17 29.5 +0.7
GOF	Gofitskoye	69.19	313	eP	P	23 17 29.5 +0.7
R11A	Troy Canyon, C	69.19	57	eP	P	23 17 29.7 -0.6
R11A	Troy Canyon, C	69.19	57	eP	P	23 17 29.7 -0.6
R11A	Troy Canyon, C	69.19	57	eP	P	23 17 29.7 -0.6
R11A	Troy Canyon, C	69.19	57	eP	P	23 17 29.7 -0.6
NC405	NORSAR Array S	69.72	339	eP	P	23 17 32.3 +0.6
NC405	NORSAR Array S	69.72	339	eP	P	23 17 32.3 +0.6
NC405	NORSAR Array S	69.72	339	eP	P	23 17 32.3 +0.6
NC405	NORSAR Array S	69.72	339	eP	P	23 17 32.3 +0.6
NACGM	Naroch	69.79	328	eP	P	23 17 32.0 -0.2
NACGM	Naroch	69.79	328	eP	P	23 17 32.0 -0.2
NACGM	Naroch	69.79	328	eP	P	23 17 32.0 -0.2
NACGM	Naroch	69.79	328	eP	P	23 17 32.0 -0.2
PDAR	Pinedale Array	69.86	50	eP	P	23 17 32.3 -0.9
PDAR	Pinedale Array	69.86	50	eP	P	23 17 32.3 -0.9
PDAR	Pinedale Array	69.86	50	eP	P	

WRA	920nm,1.3s	49.82	82	P	P	00 06 34.6	-0.3
WRA	Warramunga Arr 5.4nm,1.0s,baz=232,slow=7.5,SNR=13	49.82	82	P	PcP	00 07 53.9	-1.8
WRA	0.7nm,0.9s,baz=230,slow=2.7,SNR=3			LR	LR	00 25 19.5	
WB2	comp=Z,348nm,20.7s,baz=240,slow=33			sP	sP	00 06 35.1	+0.1
WB2	Warramunga Arr 49.83	82	eP	S	S	00 06 35.5	+2.4
WRAB	Tennant Creek 49.84	82	eP	S	S	00 06 35.2	+0.1
KAPI	Kappang 49.97	55	LR	LR	LR	00 23 08.2	
KAPI	Kappang 49.97	55	eP	P	P	00 06 36.9	+0.8
SBUM	Sibu 51.87	41	eP	P	P	00 06 51.3	+1.0
MTN	32nm,1.3s	51.99	72	eP	P	00 06 51.4	+0.2
LSZ	Lusaka 52.12	284	eP	P	P	00 06 52.3	-0.1
LWU	Luwuk 54.94	55	eP	P	P	00 07 13.9	+1.0
KMBO	Kilima Mbogo 55.92	304	LR	LR	LR	00 25 59.3	
KKM	Kota Kinabalu 56.98	43	eP	P	P	00 07 28.0	+0.4
TSUM	Tsumeb 57.63	272	eP	P	P	00 07 31.8	-0.5
CTAO	Charters Tower 58.72	90	eP	P	P	00 07 37.9	-1.9
PYZ	Puysegur Point 59.43	126	eP	P	P	00 07 45.7	+1.4
FAKI	Fak Fak 59.71	65	eP	P	P	00 07 48.2	+1.6
CM01	Chiang Mai Arr 61.51	20	eP	P	P	00 07 57.9	-0.8
CM01	Chiang Mai Arr 61.54	20	eP	P	P	00 07 59.2	+0.3
CMAR	Chiang Mai Arr 61.54	20	eP	P	P	00 07 58.4	-0.5
CMAR	comp=Z,681nm,21.4s,baz=216,slow=32			LR	LR	00 30 11.9	
CHTO	Chiang Mai 61.88	19	P	P	P	00 08 00.9	-0.4
PMG	Port Moresby 66.04	81	eP	P	P	00 08 28.9	+0.1
PMG	12nm,0.7s,baz=330,slow=0.9,SNR=4.9			sP	sP	00 08 29.3	+0.4
PMG	Port Moresby 66.04	81	eP	P	P	00 08 29.3	+0.4
ODAN	Odare 67.84	6	eP	P	P	00 08 39.4	-0.8
RAMN	Ramite 67.87	6	eP	P	P	00 08 39.8	-0.6
TAPN	Taplejung 68.35	7	eP	P	P	00 08 42.9	-0.6
PKIN	Phukhoki 68.41	4	eP	P	P	00 08 42.6	-1.2
DMN	Daman 68.43	4	eP	P	P	00 08 42.9	-1.0
KOLN	Koldanda 68.52	3	eP	P	P	00 08 43.1	-1.3
KKN	Kakani 68.62	4	eP	P	P	00 08 44.1	-0.9
GUN	Gumba 68.77	5	eP	P	P	00 08 45.5	-0.6
KMI	Kuning 68.91	21	P	P	P	00 08 51.0	+4.1
KMI	comp=Z,9.0nm,1.1s			pP	pP	00 08 54.5	+5.5
KMI	comp=Z,240nm,4.8s			sP	sP	00 08 55.5	+5.7
KMI	comp=N,590nm,13.2s			PP	PP	00 11 26.0	+6.6
KMI	comp=E,380nm,14.7s			S	S	00 17 55.5	+3.8
KMI	comp=Z,20nm,1.1s			sS	sS	00 18 01.0	+5.8
KMI	comp=Z,130nm,5.7s			pmax	pmax		
KMI	comp=N,540nm,18.9s			LR	LR		
KMI	comp=E,490nm,19.0s			LR	LR		
RAYN	Ar Rayn 72.15	326	eP	P	P	00 09 07.8	+1.3
CD2	Chengdu 74.67	20	eP	P	P	00 09 24.0	+2.8
CD2	comp=Z,25nm,1.2s			sP	sP	00 09 28.5	+4.3
CD2	comp=Z,140nm,5.2s			PP	PP	00 12 11.5	+2.9
CD2	comp=Z,20nm,0.5s			S	S	00 19 02.5	+5.0
CD2	comp=Z,140nm,5.2s			sS	sS	00 19 08.0	+6.9
KBL	Kabul 76.00	350	eP	P	P	00 09 28.8	-0.2
XAN	Xi'an 79.07	23	P	P	P	00 09 46.8	+0.8
XAN	Lanzhou 79.61	19	eP	P	P	00 09 52.5	-1.9
LZH	comp=Z,25nm,1.2s			pP	pP	00 09 50.5	+1.5
LZH	comp=Z,130nm,7.3s			sP	sP	00 09 53.8	+2.6
LZH	comp=N,460nm,15.0s			eP	eP	00 12 53.0	+2.8
LZH	comp=E,400nm,14.7s			eS	eS	00 19 48.3	-3.1
LZH	comp=Z,25nm,1.2s			sS	sS	00 25 00.3	-0.1
LZH	comp=Z,130nm,7.3s			pmax	pmax		
LZH	comp=N,460nm,15.0s			LR	LR		
LZH	comp=E,400nm,14.7s			LR	LR		
KSH	Kashi 80.31	356	eP	P	P	00 09 51.5	-1.2
KSH	comp=Z,660nm,17.0s			eP	eP	00 09 58.5	-1.3
KSH	comp=Z,7.0nm,1.0s			eP	eP	00 12 59.0	+3.1
KSH	comp=Z,100nm,4.0s			eS	eS	00 19 52.5	-6.0
KSH	comp=N,180nm,7.2s			pmax	pmax		
KSH	comp=E,130nm,7.3s			LR	LR		
GEYT	Geiyang 81.31	342	P	P	P	00 09 57.4	-0.5
GEYT	Alibeck 81.93	15	eP	P	P	00 10 00.8	-0.5
GTA	Gaotai 81.93	15	eP	P	P	00 10 06.5	-0.4
GTA	comp=Z,7.0nm,1.0s			sP	sP	00 10 10.0	+5.7
GTA	comp=Z,2.0nm,0.9s			S	S	00 20 18.8	-2.9
GTA	comp=Z,7.3nm,6.4s			sS	sS	00 20 26.0	+1.1
GTA	comp=N,350nm,18.8s			pmax	pmax		
GTA	comp=E,290nm,15.7s			LR	LR		
GTA	comp=Z,300nm,16.4s			LR	LR		
EIL	Eilat 82.19	321	LR	LR	LR	00 42 28.0	
ASF	Jabal al Asfar 83.39	324	P	P	P	00 10 08.7	-0.4
AAK	Ala-Archa 83.50	355	P	P	P	00 10 08.9	-0.6

AAK	Ala-Archa 83.50	355	eP	P	P	00 10 09.2	-0.3
EKSZ	Erkin-Say 83.58	355	eP	P	P	00 10 09.6	-0.2
KKAR	Karatay Array 84.29	352	eP	P	P	00 10 12.7	-0.6
WMQ	Urumsqi 84.71	5	eP	P	P	00 10 17.5	+2.0
WMQ	comp=Z,12nm,1.0s			sP	sP	00 10 25.0	+6.6
WMQ	comp=Z,26nm,8.0s			PP	PP	00 13 38.0	+6.0
WMQ	comp=N,700nm,25.0s			S	S	00 20 44.0	+0.8
WMQ	comp=Z,26nm,8.0s			pmax	pmax		
WMQ	comp=N,700nm,25.0s			LR	LR		
WMQ	comp=E,350nm,22.0s			LR	LR		
MMAI	Mount Meron Ar 84.78	323	P	P	P	00 10 16.6	+0.5
MMAI	2.5nm,1.0s,baz=151,slow=6.3,SNR=2.6			LR	LR	00 43 57.8	
HHC	Hu-ho-hao-te 86.16	23	eP	P	P	00 10 25.0	+2.2
HHC	comp=Z,97nm,18.8s,baz=125,slow=33			S	S	00 20 48.3	-9.4
HHC	comp=Z,15nm,1.1s			sS	sS	00 21 01.8	-4.7
HHC	comp=Z,170nm,7.3s			pmax	pmax	00 21 13.0	+1.2
HHC	comp=N,450nm,18.4s			LR	LR		
HHC	comp=E,330nm,17.9s			LR	LR		
MMK01	Makanchi Array 87.45	1	eP	P	P	00 10 26.8	-2.1
MK31	Makanchi Array 87.47	1	eP	P	P	00 10 27.9	-1.1
MKAR	Makanchi Array 87.47	1	eP	P	P	00 10 27.4	-1.6
MKAR	1.3nm,0.8s,baz=165,slow=6.2,SNR=14			LR	LR	00 47 39.1	
MKAR	comp=Z,508nm,18.8s,baz=182,slow=34			LR	LR	00 50 27.9	-1.1
KSRS	Korea Array 87.21	36	LR	LR	LR	00 50 07.9	
TORD	Tordoi Ar. Bea 90.53	287	P	P	P	00 10 42.8	-1.3
TORD	0.9nm,0.9s,baz=107,slow=4.0,SNR=7.0			LR	LR	00 48 52.6	
KBZ	Khabaz 91.05	334	P	P	P	00 10 45.3	-0.5
KBZ	0.8nm,0.8s,baz=146,slow=3.6,SNR=2.0			LR	LR	00 47 12.3	
DBIC	Dimpokro 91.10	278	LR	LR	LR	00 47 54.8	
BRTR	Keskin Array B 91.16	326	P	P	P	00 10 46.8	+0.1
BRTR	1.9nm,1.1s,baz=145,slow=9.0,SNR=3.7			LR	LR	00 48 21.7	
KURBB	Kurchatov Arr 91.32	359	P	P	P	00 10 45.8	-1.1
KVAR	Kislovodsk Arr 91.32	333	LR	LR	LR	00 48 54.7	
SONM	Songino Array 91.36	17	P	P	P	00 10 46.5	-0.8
SONM	1.3nm,1.0s,baz=202,slow=4.8,SNR=5.2			LR	LR	00 51 56.9	
KURK	Kurchatov 91.41	359	eP	P	P	00 10 47.1	-0.2
ULN	Ulanbatar 91.53	17	eP	P	P	00 10 47.7	-0.5
AKTO	Aktyubinsk 93.28	346	P	P	P	00 10 55.4	-0.6
AKTO	0.4nm,0.3s,baz=45,slow=8.6,SNR=2.7			LR	LR	00 52 37.6	
MJAR	Matsushiro Arr 93.40	43	LR	LR	LR	00 50 06.1	
AFI	Afiamau 93.61	112	LR	LR	LR	00 46 27.9	
BVAR	Borovoye Array 94.14	354	P	P	P	00 10 59.9	0.0
BVAR	1.3nm,0.9s,baz=134,slow=4.2,SNR=3.2			LR	LR	00 50 38.9	
PLCA	Paso Flores 94.55	201	LR	LR	LR	00 54 38.6	
ZALV	Zalesovo Beam 94.69	2	P	P	P	00 11 01.7	-0.6
ZALV	0.3nm,0.3s,baz=151,slow=3.3,SNR=2.7			LR	LR	00 50 45.3	
MDJ	Mudanjiang 95.84	33	P	P	P	00 11 08.0	+0.1
MDJ	comp=Z,6.0nm,1.1s			pmax	pmax		
MDJ	comp=Z,86nm,5.3s			pmax	pmax		
MDJ	comp=N,280nm,11.8s			LR	LR		
MDJ	comp=E,110nm,4.5s			LR	LR		
ARU	Arti 98.93	348	LR	LR	LR	00 55 52.3	
PP2T	Papeete2 105.25	130	eLR	LR	LR	00 46 31.1	
ILAR	Eielsen Array 144.01	33	PKP	PKP	PKP	00 17 16.5	+0.2
RES	Resolute Bay 146.22	358	PKP	PKP	PKP	00 17 20.1	+0.2
INK	Inuvik 147.08	23	PKP	PKP	PKP	00 17 22.4	+0.9
YKA	Yukonknife Arr 156.62	18	PKP	PKP	PKP	00 18 02.4	-2.7
TXAR	Lajitas Array 167.74	161	PKP	PKP	PKP	00 17 46.9	-1.5
TXAR	0.5nm,1.0s,baz=349,slow=0.9,SNR=3.7						

SDV	comp=Z,16nm,0.3s,baz=253,slow=19,SNR=12			S	S	00 08 05.0	-3.1
SDV	Santo Domingo 6.71	53	eP	Pn	Pn	00 06 52.1	-0.7
SDV	JuntasAbangare 10.34	302	eP	S	S	00 08 05.0	+3.1
JTS	comp=Z,0.6nm,0.3s,baz=142,slow=5.5,SNR=3.5			S	S	00 07 46.4	+4.6
JTS	comp=Z,0.4nm,0.3s,baz=322,slow=19,SNR=2.0			S	S	00 09 41.0	+5.2
JTS	JuntasAbangare 10.34	302	eP	Pn	Pn	00 07 42.0	+0.3
PAYG	Puerto Ayora 15.24	249	eP	Pn	Pn	00 08 46.3	+0.8
MPR	Mayaguez 15.89	33	eP	Pn	Pn	00 08 54.1	+0.6
ICMP	Isle Cajas de 15.96	35	eP	Pn	Pn	00 08 54.6	+0.2
OBIP	Obispado Ponce 16.05	34	eP	Pn	Pn	00 08 55.2	-0.2
HUMP	Col San Antonio 16.56	36	eP	Pn	Pn	00 09 00.1	-1.7
NNA	Nana 16.74	183	eP	Pn	Pn	00 09 01.6	-2.4
PTGA	Pitinga 17.00	109	P	P	P	00 09 07.2	+0.1
PTGA	comp=Z,1.2nm,0.3s,baz=297,slow=13,SNR=14			P	P	00 09 07.7	+0.4
STVI	Saint Thomas 17.06	38	eP	Pn	Pn	00 09 10.7	+0.4
SAML	Samuel 18.77	137	eP	P	P	00 09 26.5	-0.1
ANWB	Willby Bow 18.91	46	eP	P	P	00 09 26.3	-1.7
CCIG	Comitan 19.45	307	eP	P	P	00 09 35.0	+0.9
LPZA	La Paz 22.41	160	P	P	P	00 10 06.7	+0.5
LPZA	comp=Z,2.3nm,0.4s,baz=325,slow=7.6,SNR=11			eP	eP	00 10 06.9	+0.7
SIV	San Ignacio 25.47	145	P	P	P	00 10 33.3	-0.4
BRAL	Brewton 28.01	340	eP	P	P	00 10 58.0	+1.7
LVC	Limon Verde 28.17	166	P	P	P	00 10 59.1	+0.9
JSC	Jenkinsville 29.68	351	eP	P	P	00 11 11.8	+0.7
LRAL	Lakeview Retre 29.85	341	eP	P	P	00 11 13.2	+0.6
936A	North Padre Is 30.23	320	eP	P	P	00 11 16.9	+0.8
034A	Hebbornville 30.89	318	P	P	P	00 11 22.4	+0.5
438A	San Houston St 31.60	327	P	P	P	00 11 29.0	+1.0
338A	Crockett 31.98	328	P	P	P	00 11 32.6	+1.2
734A	La Parita Cree 32.02	321	P	P	P	00 11 32.8	+1.1
239A	Gary 32.07	330	P	P	P	00 11 33.8	+1.6
833A	Chaparral WMA, 32.20	319	P	P			

29d Oh

S38A	Stockton	36.48	336	P	P	00 12 09.7	-0.5
W33A	Caddo, Fort Co	36.59	328	P	P	00 12 10.7	-0.4
V34A	Guthrie	36.63	330	P	P	00 12 11.5	0.0
V34A	Guthrie	36.63	330	eP	P	00 12 11.6	+0.1
M54A	Oil Creek Stat	36.65	355	P	P	00 12 13.4	+1.9
Z30A	Sanderson Ranc	36.69	324	P	P	00 12 12.7	+0.6
R39A	Chumby, Stover	36.73	337	P	P	00 12 11.7	-0.5
SFIN	Lafayette	36.75	346	P	P	00 12 12.1	-0.2
SFIN	Lafayette	36.75	346	eP	P	00 12 13.8	+1.5
T36A	Gogget Farm, Cx	36.85	333	P	P	00 12 12.9	-0.4
R38A	Fenwick Farm,	36.96	336	P	P	00 12 13.7	-0.5
Q40A	Laux Farm, Aux	36.97	339	P	P	00 12 13.8	-0.4
S37A	Fort Scott	36.97	335	P	P	00 12 13.9	-0.4
W32A	Sentinel	36.98	328	P	P	00 12 14.1	-0.3
X31A	McDonald Ranch	37.01	326	P	P	00 12 14.2	-0.5
V33A	Lossen Ranch,	37.01	329	P	P	00 12 14.3	-0.4
T35A	Sooner Cattle	37.02	332	P	P	00 12 14.8	0.0
U34A	Anderson Ranch	37.12	331	P	P	00 12 15.3	-0.3
U34A	Anderson Ranch	37.12	331	eP	P	00 12 15.9	+0.3
S36A	Lake Cedric, C	37.27	334	P	P	00 12 16.1	-0.8
V32A	Arapahoe	37.32	328	P	P	00 12 16.9	-0.5
Q39A	Willow Grove F	37.34	338	P	P	00 12 17.0	-0.4
U33A	Lingo Farm, Me	37.40	330	P	P	00 12 17.5	-0.5
T34A	McClaskey Farm	37.42	332	P	P	00 12 18.4	+0.3
P40A	Paris	37.44	339	P	P	00 12 17.5	-0.7
R37A	Teagarden Farm	37.44	335	P	P	00 12 17.3	-1.0
Q38A	Cooks Store, C	37.51	337	P	P	00 12 18.5	-0.3
S35A	Otter Creek Ra	37.56	333	P	P	00 12 18.6	-0.7
P39A	Salisbury	37.65	339	P	P	00 12 19.7	-0.3
W30A	Crocket Farms	37.74	326	P	P	00 12 20.5	-0.4
Q37A	Longview Farm,	37.77	336	P	P	00 12 20.5	-0.5
V31A	Spring Creek L	37.78	328	P	P	00 12 22.0	+0.7
U32A	Winter Ranch,	37.81	329	P	P	00 12 21.6	+0.2
O40A	La Belle	37.91	340	P	P	00 12 21.7	-0.4
T33A	Patterson Ranc	37.98	331	P	P	00 12 22.7	-0.1
R35A	Emporia Munic	38.03	334	P	P	00 12 23.2	-0.1
P38A	Dawn	38.06	338	P	P	00 12 22.6	-0.8
AMTX	Amarillo	38.15	325	P	P	00 12 24.3	-0.1
MSTX	Muleshoe	38.15	323	P	P	00 12 24.6	+0.2
MSTX	Muleshoe	38.15	323	eP	P	00 12 25.4	+1.0
MNTX	Cornudas Mount	38.33	318	P	P	00 12 26.4	+0.5
MNTX	Cornudas Mount	38.33	318	eP	P	00 12 26.9	+1.0
P37A	Lathrop	38.34	337	P	P	00 12 25.0	-0.9
T32A	Huddler Ranch,	38.39	330	P	P	00 12 26.5	+0.2
Q35A	Mercer Eighty,	38.41	335	P	P	00 12 26.1	-0.3
O38A	Galt	38.47	338	P	P	00 12 27.6	-0.3
R34A	Isabella, Hill	38.48	333	P	P	00 12 26.0	-0.1
T31A	Randall Ranch,	38.70	329	P	P	00 12 28.4	-0.6
P36A	Good Intent, A	38.71	336	P	P	00 12 28.1	-0.7
U30A	WK&E Inc. Balk	38.78	328	P	P	00 12 29.9	+0.2
N39A	Derby Farms, D	38.80	340	P	P	00 12 29.3	-0.3
R33A	Olander Ranch,	38.83	332	P	P	00 12 29.8	-0.1
Q34A	Chapman	38.85	334	P	P	00 12 29.7	-0.4
K5U1	Kansas State U	38.86	334	P	P	00 12 29.5	-0.7
K5U1	Kansas State U	38.86	334	eP	P	00 12 30.6	+0.5
N38A	Joes South For	38.98	339	P	P	00 12 30.5	-0.6
S31A	Mullinville	39.01	330	P	P	00 12 32.2	+0.7
U29A	Oasis Ranch, S	39.06	327	P	P	00 12 32.9	+0.9
MDV	Middlebury	39.08	3	eP	P	00 12 32.7	+0.8
T30A	Plains	39.11	328	P	P	00 12 32.6	+0.2
R32A	Long Quarter,	39.26	331	P	P	00 12 33.8	+0.2
Q33A	Connelly Farm,	39.32	333	P	P	00 12 34.1	+0.2
P34A	Walnut Farm, R	39.32	334	P	P	00 12 34.0	-0.1
R31A	Burdett	39.55	331	P	P	00 12 35.7	-0.3
Q32A	Mettler Ranch,	39.65	332	P	P	00 12 37.0	+0.2
SADO	Sadova	39.86	357	eP	P	00 12 39.5	+1.2
FRNY	Flat Rock	39.89	3	eP	P	00 12 40.0	+1.4
R30A	Dighton	39.92	330	P	P	00 12 40.0	+0.9
JFWS	Jewell Farm	39.95	344	eP	P	00 12 40.6	+1.5
PLVO	Plevna	40.04	359	eP	P	00 12 41.1	+1.2
CBKS	Cedar Bluff	40.07	331	eP	P	00 12 40.7	+0.4
O33A	Hebron	40.09	334	P	P	00 12 40.0	-0.3
S28A	Manter	40.24	328	P	P	00 12 42.2	+0.4
EMMW	East Machias	40.41	9	eP	P	00 12 45.3	+2.4
P11A	Stockton	40.45	332	P	P	00 12 43.1	-0.3
232A	Cookes Peak, D	40.46	317	P	P	00 12 45.5	+1.8
R29A	Marienthal	40.46	329	P	P	00 12 44.2	+0.6
O32A	Brockman Farm,	40.54	334	P	P	00 12 43.8	-0.3
MNT	Montreal	40.55	3	eP	P	00 12 45.8	+1.8
BNM	Barren Site	40.68	320	eP	P	00 12 46.3	+0.7
Q29A	Oakley	40.74	330	P	P	00 12 46.3	+0.5
R28A	Tribune	40.75	328	P	P	00 12 46.8	+0.8
M34A	Aspy Farms, Fr	40.86	336	P	P	00 12 47.4	+0.7
P30A	Selden	40.88	331	P	P	00 12 47.7	+0.7
ANMO	Albuquerque	41.07	321	P	P	00 12 50.0	+1.2

2011 JAN

ANMO	Albuquerque	41.07	321	eP	P	00 12 50.4	+1.7
T25A	Trinidad	41.30	325	P	P	00 12 51.8	+1.2
BGNE	Belter Grade	41.43	335	eP	P	00 12 52.2	+0.9
I38A	Scanlan Farm,	41.59	342	P	P	00 12 52.2	-0.4
P28A	Saint Francis	41.65	330	P	P	00 12 54.0	+0.7
J34A	George	42.14	338	P	P	00 12 58.1	+1.0
SDCO	Great Sand Dun	42.35	325	P	P	00 13 00.6	+1.3
SDCO	Great Sand Dun	42.35	325	eP	P	00 13 00.8	+1.5
TUC	Tucson	42.43	314	P	P	00 13 00.5	+0.8
TUC	Tucson	42.43	314	eP	P	00 13 00.6	+1.0
L30A	Spencer Hrefo	42.55	334	P	P	00 13 00.6	+0.1
COWI	Conover	42.64	347	eP	P	00 13 01.7	+0.6
K31A	O'Neill	42.68	335	P	P	00 13 01.2	-0.3
ECSD	EROS Data Cent	42.77	338	P	P	00 13 01.2	-1.0
ECSD	EROS Data Cent	42.77	338	eP	P	00 13 01.8	-0.4
SPMN	Marine on St.	42.80	343	P	P	00 13 01.8	-0.6
H35A	Sunnyside Ranc	42.97	340	P	P	00 13 02.4	-1.4
L29A	Maesberg Ranch	42.98	333	P	P	00 13 03.0	-1.0
Q24A	Divide	43.00	326	P	P	00 13 05.2	+0.7
K30A	Basset	43.09	334	P	P	00 13 04.7	-0.1
VLDQ	Val de Oro	43.12	359	eP	P	00 13 06.7	+1.8
S22A	4UR Ranch, Cre	43.13	324	P	P	00 13 06.8	+1.3
S22A	4UR Ranch, Cre	43.13	324	eP	P	00 13 06.6	+1.1
W18A	Petrified Fore	43.30	318	eP	P	00 13 08.0	+1.2
J30A	Dallas	43.57	335	P	P	00 13 07.8	-0.8
F36A	Milaca	43.59	342	P	P	00 13 08.1	-0.7
H33A	Prehn Over Nor	43.63	339	P	P	00 13 08.4	-0.8
H32A	Carlson Farm,	43.73	338	P	P	00 13 08.8	-1.1
MVCO	Mesa Verde	43.79	322	P	P	00 13 11.3	+0.6
MVCO	Mesa Verde	43.79	322	eP	P	00 13 11.1	+0.4
ISCO	Idaho Springs	43.84	327	P	P	00 13 11.9	+0.6
ISCO	Idaho Springs	43.84	327	eP	P	00 13 12.7	+1.4
F35A	Swanville	43.92	341	P	P	00 13 10.9	-0.4
J29A	Okreek	43.99	334	P	P	00 13 11.8	-0.2
E36A	McGregor	44.11	343	P	P	00 13 12.0	-0.9
H31A	Wolsey	44.11	337	P	P	00 13 12.1	-0.9
G32A	Webster	44.40	338	P	P	00 13 14.4	-0.9
PV01	Paradox Valley	44.42	323	eP	P	00 13 17.1	+1.3
D37A	Cotton	44.46	344	P	P	00 13 15.7	+0.1
C39A	Grand Marais	44.48	346	P	P	00 13 15.9	-0.0
WUAZ	Wupatki	44.62	318	P	P	00 13 18.6	+1.3
WUAZ	Wupatki	44.62	318	eP	P	00 13 19.4	+2.0
D36A	Goodland	44.68	343	P	P	00 13 17.1	-0.3
PV05	Parox Valley	44.70	322	eP	P	00 13 19.0	+1.0
N23A	Red Feather La	44.79	328	P	P	00 13 20.2	+1.4
113A	Mohawk Valley	44.82	313	eP	P	00 13 19.1	+0.4
D35A	Remede	44.85	343	P	P	00 13 18.0	-0.8
C37A	Embarrass	44.91	345	P	P	00 13 19.4	+0.1
G30A	Faulkton	44.91	337	P	P	00 13 18.7	-0.7
J26A	Sides Ranch, S	45.15	332	P	P	00 13 21.8	+0.5
I27A	Quinn	45.27	334	P	P	00 13 22.1	-0.2
D33A	AnnSam, Waubun	45.46	341	P	P	00 13 23.4	-0.2
O20A	White River Ci	45.54	325	P	P	00 13 25.4	+0.8
PLCA	Paso Flores	45.64	174	P	P	00 13 25.4	+0.3
PLCA	Paso Flores	45.64	174	eP	P	00 13 26.1	+0.9
H27A	Hosue	45.73	334	P	P	00 13 25.5	-0.3
I25A	Rochford	45.99	332	P	P	00 13 28.8	+0.8
W13A	Hualapai Mount	46.10	316	eP	P	00 13 28.3	-0.8
RSSD	Black Hills	46.21	332	P	P	00 13 30.7	+0.8
RSSD	Black Hills	46.21	332	eP	P	00 13 31.2	+1.4
SRU	San Rafael Sw	46.22	332	eP	P	00 13 31.5	+1.5
B34A	Aery, Baudette	46.29	343	P	P	00 13 29.7	-0.4
E29A	Napoleon	46.31	338	P	P	00 13 30.0	-0.3
K22A	Casper	46.35	329	P	P	00 13 31.5	+0.7
K22A	Casper	46.35					

QIZ comp=Z,240nm,19.2s LR LR

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like CHKT Chengkung, TWF1 Yuli, ELDTW Lidau, etc.

Table with columns: TWE, IRIF, JKRS, etc. Includes stations like Neicheng, Iriomote-Funau, Kuro-shima, etc.

ISCJB 29:00:27.41.4.0.5.41.13S:0.09:80.9E:0.2, h10km, mb4.0/15, MS4.3/23, Error ellipse: s-maj=19.2km...

Main table for 2011 JAN with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, MAW Mawson, NWAO Narrogin (SRO), etc.

Table with columns: PMG, WRA, ASAR, etc. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, etc.

BUI 29:00:50.15.7.28:03N:58:97E, h14km, mb4.6/15, mb4.9/7, MS4.5, MS7.4/15

Main table for 29d 0h with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NIAN Nian, IBND Bandar-abas, etc.

29d 2h

2011 JAN

1472

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes stations like DAV Davao City (W), SJI Sorong, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes stations like DZM Mont Dzumac, DZM DZM, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes stations like DZM Mont Dzumac, DZM DZM, STKA Stephens Creek, etc.

BJJ 29 02:41:14.1, 18.04'S:177.34'W, h585km, mb4.9/45, mB5.0/31
ISCJB 29 02:41:17.4, 0.5, 17.92'S:0.05:178.12'W:0.03, h587km, 7m, mb4.7/136, Error ellipse: s-maj=8.3km s-min=4.2km az=159.2
MOS 29 02:41:18.1, 1.3, 17.71'S:178.22'W, h585km, mb4.8/22, Error ellipse: s-maj=9.0km s-min=8.7km az=79.0
GCMT 29 02:41:18.9, 0.6, 17.88'S:178.17'W, h618km, 4km, MW5.3/59, Moment Tensor Solution. s59.c78; Duration: 1s0 Moment tensor: Scale 1017Nm; M=0.37; 0.3; Mw=0.10; 0.6; Mw=0.47; 0.6; Mw=0.58; 0.6; Mw=0.18; 0.6; Mw=0.52; 0.6; Best double couple; Md=0.95100; 1.017; NP1=8.42; 0.0000; NP2=1.74; 0.0000; NP3=0.168; 0.0000; NP4=1.2; 0.0000; Principal axes: T 0.9690, P1g31.0000, Azm118.0000; N -0.0380, P1g16.0000; Azm218.0000; P -0.9320, P1g55.0000; Azm332.0000; nsta1 refers to body waves, cutoff=40s.
NEIC 29 02:41:18.9, 0.2, 17.88'S:178.16'W, mb4.8/78 Error ellipse: s-maj=7.5km s-min=3.9km az=153.0
IDC 29 02:41:19.4, 0.6, 17.96'S:178.08'W, h599km, 7m, mb4.1/25, mb1=1.2km, mb1mx4.2/35, mbtmp5.1/28, Error ellipse: s-maj=11.2km s-min=7.4km az=153.0
ISC 29 02:41:18.5, 0.4, 17.95'S:0.06:178.04'W:0.05, h594km, 4km, h594km, P n521, o196/551, mb4.8/136, 9C-86D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, Res. Includes stations like AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, etc.

Main table with columns: CAN, pmx, pmay. Includes stations like CAN Canberra, PMG Port Moresby, PMG Port Moresby, etc.

Main table with columns: comp, Z, 4.6nm, 0.7s, baz, 144, slow=6.7, SNR=12. Includes stations like KSAR Wonju Array Be, KSAR Wonju Array Be, KSAR Wonju Array Be, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SNF Senefte, GRFO Grafenberg, BCLA Clavier, etc.

ISC/JB 29:02:46:52.7:1.7, 41.4N:0.1x20.08E:0.05, h7km,6km, Error ellipse: s-maj=24.0km s-min=5.7km az=3.8

ATH 29:02:46:52.9:1.40N:20.05E, h18km, MD3.0/4 TIR 29:02:46:52.8: 41.23N:20.05E, h7km, ML2.5

CSEM 29:02:46:53.4:0.5, 41.36N:20.10E, h2km, MD3.0, Error ellipse: s-maj=20.5km s-min=5.3km az=12.0

ISC 29:02:46:53.8:1.4, 41.4N:0.1x20.10E:0.03, h3km,13km, n14, o567/21, Albania

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TIR Tirane, TIR Tirane, TIR Tirane, etc.

PRU 29:02:55:04.5, 50.26N:12.44E, h10km, West Bohemia

WBNET 29:02:55:05.2, 50.23N:12.44E, h8km, MIO.3, 12C-10D, Germany

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NKCC Novy Kostel, NKCC Novy Kostel, NKCC Novy Kostel, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VAC Kvetina, KVC Kvetina, STWC Studenec, etc.

IDC 29:03:08:26.0:0.6, 19.02S:168.26E, h0km, mb4.5/17, mb1.4, 6/18, mb1mx4.6/23, mbtmp4.5/18, ML3.9/1, MS4.0/15, ms=1.4/0.15, ms=1mx3.9/29, Error ellipse: s-maj=19.9km s-min=15.4km az=124.0

ISC/JB 29:03:08:27.9:0.2, 19.08S:0.04:168.21E:0.04, h20km, mb4.8/55, MS4.2/16, Error ellipse: s-maj=7.2km s-min=4.9km az=144.2

MOS 29:03:08:29.6:0.8, 19.04S:168.23E, h33km, mb5.0/19, Error ellipse: s-maj=10.6km s-min=10.1km az=158.0

NEIC 29:03:08:32.4:1.2, 19.08S:168.21E, h44km, mb5.1/27, Error ellipse: s-maj=7.4km s-min=6.3km az=151.0

BUI 29:03:08:37.1, 18.67S:167.72E, h62km, mb4.8/38, MB5.1/30, MS5.1/14, MS7.4/12

ISC 29:03:08:29.2:0.4, 19.07S:0.06:168.23E:0.07, h20km, n190, s=140/197, mb5.0/53, MS4.2/16, 3C-5D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GSPA South Pole Qui, USRK Ussuriysk Arr, PETK Petropavlovsk, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like M04C Macdoel, MONP2 Monument Peak, LRMCC Laurel Mtn Rad, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MYKA Terra Mystica, RCBR Flachuelo, STU Stuttgart, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like CHIC comp=Z,156nm,0.0s, CHIC El Rosal, etc.

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S, P, LR, L, R, Amb, smax, smax).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S, P, LR, L, R, Amb, smax, smax).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S, P, LR, L, R, Amb, smax, smax).

Table with multiple columns: Station Name, Frequency, Power, Direction, and various codes. Includes stations like MCH1, VAL, SSW, SWN1, WOL, etc., and their corresponding data points.

29c 6h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Fort Churchill, ABSA, SAHE, ANX, OJGS, etc.

2011 JAN

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like ANKara, ANTO, ANTO, ANTO, ANTO, etc.

1484

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like Tazercounte, TBGL, TBGL, TBGL, TBGL, etc.

Table with columns: Station, Frequency, Class, Power, Date, Time, and other details. Includes stations like DED, TUTA, KMRs, LMSR, etc.

Table with columns: Station, Frequency, Class, Power, Date, Time, and other details. Includes stations like COLA, LGHD, LSRT, etc.

Table with columns: Station, Frequency, Class, Power, Date, Time, and other details. Includes stations like RND, BHL, DHY, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like SCM Sheep Creek Mo, TTA Talatina, ZALF Conover, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like EYAK Cordova Ski Ar, YK2 Yakutat, FIB Fire Island, etc.

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like RSO Redoubt South, SPMM Marine on St., SDMD Soldier's Deli, etc.

TKM2	comp=Z,222nm,1.6s	LR	LR						
KBK	comp=Z,12um,18.0s	47.79	80	P	P	07 04 05.0	+0.9		
C25A	Karagaybulak SNR=29	47.80	295	P	P	07 04 04.5	+0.5		
D27A	Freed Ranch, W baz=26,SNR=58	47.83	293	P	P	07 04 04.4	+0.2		
IRK	Center baz=26,SNR=39	47.83	51	iP	P	07 04 03.2	-0.9		
IRK	irkutsk			e	S	07 05 55.4			
IRK				eS	S	07 11 00.2	-0.7		
IRK				e	S				
AML	comp=Z,359nm,1.6s	47.85	82	P	P	07 04 06.0	+1.1		
AML	Almayashu SNR=76	47.85	82	P	P	07 04 04.0	0.0		
AML	Almayashu SNR=76	47.85	82	P	P	07 04 05.8	+1.1		
AAA	Alma-Ata	47.89	78	eP	P	07 11 06.8	+4.9		
AAA				eS	S				
AAA				e	S				
AAA	comp=Z,4um,7.3s				smax				
AAA	comp=N,38um,27.3s				smax				
AAA	comp=Z,16um,15.0s				MLR				
AAA	Alma-Ata comp=Z,3um,2.6s	47.89	78	iP	P	07 04 05.0	+0.3		
AAA				iPP	PP	07 05 56.7	+0.5		
AAA				iS	S	07 11 04.0	+2.1		
AAA				LQ	LQ	07 20 09.7			
AAA				LR	LR	07 24 21.3			
H35A	comp=Z,7um,14.8s	47.91	286	P	P	07 04 04.6	-0.2		
F31A	Sunnyside Ranc baz=26,SNR=65	47.94	290	P	P	07 04 04.4	-0.7		
G33A	Hecla baz=26,SNR=45	47.97	288	P	P	07 04 05.0	-0.2		
MDOK	Ortone baz=26,SNR=22	48.02	78	iP	P	07 04 06.1	+0.3		
MDOK	Medeo comp=Z,2um,3.9s			iPP	PP	07 05 56.4	-1.1		
MDOK				iS	S	07 11 06.2	+2.3		
MDOK				iSS	SS	07 14 24.4	-7.8		
MDOK				LQ	LQ	07 20 46.3			
MDOK				LR	LR	07 24 20.6			
UCH	comp=Z,8um,14.0s	48.03	81	P	P	07 04 07.5	+1.2		
JFWS	Juchter SNR=57	48.04	281	eP	P	07 04 06.5	+0.6		
JFWS	Jewell Farm				pmax				
JFWS	Jewell Farm				MLR				
JFWS	Jewell Farm				MLR				
JFWS	Jewell Farm				P	07 04 06.4	+0.6		
JFWS	Jewell Farm				P	07 04 06.5	+0.6		
JFWS	Jewell Farm				LR				
E28A	comp=Z,19um,21.0s	48.05	292	P	P	07 04 05.4	-0.5		
CBN	Huff baz=26,SNR=43	48.06	266	eP	P	07 04 07.6	+1.6		
CBN	Corbin Frederi comp=Z,1.85nm,1.1s	48.06	266	eP	P	07 04 07.6	+1.6		
CBN	Corbin Frederi comp=Z,1.85nm,1.1s	48.06	266	eP	P	07 04 07.6	+1.6		
CBN				LR	LR				
I37A	comp=Z,35um,21.0s	48.07	285	P	P	07 04 06.0	0.0		
ACSO	Lemond, Waseca baz=26,SNR=85	48.08	273	eP	P	07 04 06.6	+0.4		
ACSO	Alum Creek Sta comp=Z,561nm,0.9s	48.08	273	eP	P	07 04 06.6	+0.4		
ACSO	Alum Creek Sta comp=Z,561nm,0.9s	48.08	273	eP	P	07 04 06.6	+0.4		
ACSO				LR	LR				
TGN	comp=Z,29um,19.0s	48.08	78	iP	P	07 04 06.2	-0.1		
TGN	Turgen comp=Z,338nm,1.1s			iPP	PP	07 06 00.1	+2.0		
CLNS	Chul'man	48.09	33	eP	PP	07 04 04.6	-1.5		
CLNS				e	S	07 05 35.9			
CLNS				e	S	07 06 04.3			
CLNS				eS	S	07 10 55.9	-8.6		
CLNS				pmax	pmax				
CLNS	comp=N,32nm,0.9s				pmax				
CLNS	comp=E,12nm,0.9s				pmax				
CLNS	comp=Z,63nm,0.9s				pmax				
CLNS	comp=Z,30nm,1.2s				pmax				
CLNS	comp=N,29nm,1.0s				pmax				
CLNS	comp=E,10.0nm,0.8s				smax				
CLNS	comp=E,4um,15.9s				smax				
CLNS	comp=N,9um,14.3s				MLR				
CLNS	comp=E,3um,12.0s				MLR				
CLNS	comp=Z,7um,14.0s				MLR				
CLNS	comp=N,5um,14.0s				MLR				
D26A	Manning baz=26,SNR=28	48.17	294	P	P	07 04 07.1	+0.3		
TLY	Talaya comp=N,9um,18.1s,baz=344,slow=39	48.19	51	LR	LR	07 06 58.7			
TLY	Talaya	48.19	51	eP	P	07 04 06.3	-0.6		
TLY				pmax	pmax				
TLY	comp=Z,45nm,1.0s	48.19	51	P	P	07 04 07.9	+1.0		
TLY	Talaya comp=Z,234nm,0.9s,SNR=23	48.19	51	P	P	07 04 06.5	-0.4		
TLY	Talaya SNR=46	48.19	51	P	P	07 04 06.5	-0.4		
TLY	Talaya SNR=46	48.19	51	P	P	07 04 06.5	-0.4		
TLY	Talaya SNR=46	48.19	51	eP	P	07 04 06.3	-0.6		
F30A	Leola comp=Z,45nm,1.0s	48.20	290	P	P	07 04 06.5	-0.4		
H34A	Spellman Lake, baz=26,SNR=42	48.24	287	P	P	07 04 07.2	-0.1		
G32A	Webster baz=26,SNR=43	48.25	289	P	P	07 04 06.9	-0.5		
I36A	Fitzsimmons Fa baz=26,SNR=27	48.26	285	P	P	07 04 07.2	-0.3		
CRAG	Craig comp=Z,392nm,1.6s	48.31	322	eP	P	07 04 08.5	+0.8		
CRAG	Craig comp=Z,392nm,1.6s	48.31	322	eP	P	07 04 08.5	+0.8		
CRAG				LR	LR				
D25A	Fairfield comp=Z,17um,20.0s	48.33	295	P	P	07 04 08.8	+0.8		
J38A	Wedel Dairy, R baz=26,SNR=20	48.40	283	P	P	07 04 07.9	-0.6		
KZA	Kyzart SNR=23	48.41	80	P	P	07 04 10.9	+1.7		
E27A	Carso baz=26,SNR=49	48.45	293	P	P	07 04 08.8	-0.2		
F29A	Eureka baz=26,SNR=92	48.45	291	P	P	07 04 08.9	-0.1		
G31A	Conde baz=26,SNR=12	48.50	289	P	P	07 04 08.8	-0.5		
H33A	Prehn Over Nor baz=26,SNR=46	48.53	288	P	P	07 04 09.1	-0.5		
ULHL	Uljalhol SNR=11	48.58	79	P	P	07 04 11.6	+1.3		
TAM	Tamanrasset	48.64	165	eP	P	07 04 12.0	+1.2		
TAM				pmax	pmax				
TAM	comp=Z,170nm,1.4s				MLR				
TAM	comp=Z,14um,18.0s				MLR				
TAM	Tamanrasset comp=Z,170nm,1.4s	48.64	165	eP	P	07 04 12.0	+1.2		
TAM	Tamanrasset comp=Z,170nm,1.4s	48.64	165	eP	P	07 04 12.0	+1.2		
TAM				LR	LR				
E26A	Carlson Angus baz=26,SNR=103	48.68	294	P	P	07 04 11.1	+0.3		
JSRW	J. Sargeant Re	48.69	267	eP	P	07 04 12.3	+1.5		
JSRW	J. Sargeant Re	48.69	267	eP	P	07 04 12.3	+1.5		

I35A	Creekview Farm baz=26,SNR=6.4	48.71	286	P	P	07 04 10.7	-0.3		
F28A	McLaughlin baz=26,SNR=7.3	48.74	292	P	P	07 04 10.7	-0.5		
J37A	Redenius Farm, baz=26,SNR=25	48.75	284	P	P	07 04 10.6	-0.6		
I34A	Hadley baz=26,SNR=6.7	48.83	287	P	P	07 04 11.2	-0.7		
G30A	Faulkton baz=26,SNR=114	48.87	290	P	P	07 04 12.1	-0.2		
MA2	Magadon comp=Z,2.4nm,0.9s,baz=26,slow=7.4,SNR=18	48.90	15	P	P	07 04 11.2	-1.0		
MA2				LR	LR	07 24 43.8			
H32A	Carlson Farm, baz=26,SNR=113	48.90	288	P	P	07 04 12.2	-0.3		
SHLS	Shalkode comp=Z,3um,2.3s	48.93	76	iP	PP	07 04 13.7	+0.8		
SHLS				iPP	PP	07 06 07.3	+1.3		
SHLS				iS	S	07 11 20.7	+3.6		
SHLS				iSS	SS	07 15 03.5	+1.6		
SHLS				LQ	LQ	07 21 17.7			
SHLS				LR	LR	07 24 59.1			
E25A	comp=Z,3um,12.5s	48.94	294	P	P	07 04 12.9	+0.1		
J36A	Miller Ranch, baz=26,SNR=154	48.98	285	P	P	07 04 13.2	+0.1		
G29A	Seneca 1, Swea baz=26,SNR=14	49.06	291	P	P	07 04 13.2	-0.5		
F27A	Hoven baz=26,SNR=68	49.09	293	P	P	07 04 14.2	+0.3		
K38A	Lemmon baz=26,SNR=334	49.09	283	P	P	07 04 13.6	-0.3		
I33A	Parkerville baz=26,SNR=17	49.11	287	P	P	07 04 13.4	-0.7		
J35A	Coleman baz=26,SNR=6.4	49.23	286	P	P	07 04 14.4	-0.6		
H31A	Milton baz=26,SNR=6.9	49.25	289	P	P	07 04 14.6	-0.5		
K37A	Belmont baz=26,SNR=24	49.26	284	P	P	07 04 14.9	-0.4		
ZAK	Parkerville comp=Z,433nm,1.0s	49.28	52	eP	pmax	07 04 15.0	-0.4		
ZAK	Zakamensk			pmax	pmax				
SFIN	comp=Z,46nm,1.5s	49.30	277	P	P	07 04 15.3	-0.2		
SFIN	Lafayette comp=Z,433nm,1.0s	49.30	277	eP	P	07 04 16.5	+1.0		
SFIN	Lafayette comp=Z,433nm,1.0s	49.30	277	eP	P	07 04 16.6	+1.0		
SFIN				LR	LR				
F26A	comp=Z,24um,19.0s	49.30	293	P	P	07 04 15.2	-0.3		
BBSR	Lodgepole baz=26,SNR=231	49.33	251	PFAKE	LR	07 04 30.0	+1.4		
BBSR	BB Station			LR	LR				
ECSD	EROS Data Cent baz=26,SNR=100	49.34	287	P	P	07 04 15.2	-0.6		
ECSD	EROS Data Cent comp=Z,305nm,1.3s	49.34	287	eP	P	07 04 16.1	+0.3		
ECSD	EROS Data Cent comp=Z,305nm,1.3s	49.34	287	eP	P	07 04 16.1	+0.3		
ECSD				LR	LR				
I32A	comp=Z,22um,19.0s	49.34	288	P	P	07 04 15.7	-0.1		
KDAK	Karley and Nic baz=26,SNR=11	49.36	337	eP	pmax	07 04 15.4	-0.3		
KDAK	Kodiak Island			pmax	pmax				
KDAK	comp=Z,340nm,1.0s			MLR	MLR				
KDAK	comp=Z,20um,20.0s	49.36	337	P	P	07 04 15.4	-0.3		
KDAK	Kodiak Island comp=Z,2um,1.1s,SNR=8.9	49.36	337	eP	P	07 04 15.4	-0.3		
KDAK	Kodiak Island comp=Z,340nm,1.0s	49.36	337	eP	P	07 04 15.4	-0.3		
KDAK	Kodiak Island comp=Z,340nm,1.0s	49.36	337	eP	P	07 04 15.4	-0.3		
KDAK				LR	LR				
EGMT	comp=Z,20um,20.0s	49.42	300	P	P	07 04 16.1	-0.4		
EGMT	Eagleton baz=26,SNR=537	49.42	300	eP	P	07 04 16.1	-0.4		
EGMT	Eagleton comp=Z,2um,1.3s	49.42	300	eP	P	07 04 16.1	-0.4		
EGMT	Eagleton comp=Z,2um,1.3s	49.42	300	eP	P	07 04 16.1	-0.4		
EGMT				LR	LR				
SUSD	comp=Z,11um,19.0s	49.43	290	P	P	07 04 16.0	-0.5		
G28A	Miller baz=26,SNR=48	49.47	292	P	P	07 04 16.4	-0.4		
F25A	Parade baz=25,SNR=138	49.47	294	P	P	07 04 16.9	0.0		
G27A	Bowman baz=25,SNR=63	49							

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like RSSD Black Hills, I25A Rochford, L32A Elgin, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like SONM comp=Z,7um,18.0s, L28A comp=Z,0.6nm,0.8s, YMV Mammoth Vault, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other parameters. Includes stations like MCID Moose Creek, F10A Beach Ranch, K22A Casper, etc.

Q33A Connelly Farm, baz=24, SNR=86	54.02 286	P	P	07 04 49.3 -1.5	HLID comp=Z,14um,18.0s	54.81 302	P	P	07 04 56.3 -0.5	PET comp=Z,7um,19.0s	MLR	MLR
P31A Stockton baz=24, SNR=74	54.03 287	P	P	07 04 49.7 -1.2	HLID baz=22, SNR=302	54.81 302	eP	P	07 04 56.0 -0.8	PET comp=Z,6um,19.0s	MLR	MLR
HALT Halls	54.09 276	eP	P	07 04 51.4 +0.1	HLID comp=Z,259nm,1.0s	54.81 302	eP	P	07 04 56.0 -0.8	PET Petropavlovsk	55.98 10	PFAKE LR
HALT Halls	54.09 276	eP	P	07 04 51.4 +0.1	HLID comp=Z,259nm,1.0s	54.81 302	eP	P	07 04 56.0 -0.8	RAYN Ar Rayn	55.99 119	P
R35A Emporia Municip baz=24, SNR=18	54.11 284	P	P	07 04 50.1 -1.4	HLID comp=Z,12um,19.0s			LR		RAYN comp=Z,385nm,1.4s, SNR=17		P
NKL Nikolayevsk	54.13 23	iP	P	07 04 51.0 -0.4	R32A Long Quarter baz=24, SNR=72	54.82 286	P	P	07 04 55.2 -1.5	RAYN comp=Z,81nm,1.0s	55.99 119	eP
NKL		e	S	07 05 58.0	HBAR Harrisburg	54.84 278	eP	P	07 04 57.8 +1.0	RAYN Ar Rayn	55.99 119	eP
NKL		iS	S	07 12 29.0 +1.2	HBAR Harrisburg	54.84 278	eP	P	07 04 57.8 +1.0	RAYN comp=Z,81nm,1.0s	55.99 119	eP
NKL		e		07 16 05.0	G06A Carlson Farm, comp=Z,470nm,1.5s	54.95 308	eP	P	07 04 57.5 0.0	HVU Hansel Valley	56.00 300	eP
NKL	comp=E,34nm,1.3s		pmax	pmax	G06A Carlson Farm, comp=Z,470nm,1.5s	54.95 308	eP	P	07 04 57.5 0.0	HVU comp=Z,8um,19.0s		pmax
NKL	comp=Z,220nm,1.3s		pmax	pmax	S34A Willow Spring baz=24, SNR=44	54.97 284	P	P	07 04 56.3 -1.4	HVU comp=Z,270nm,1.3s		pmax
NKL	comp=N,160nm,2.0s		pmax	pmax	MET Memphis-Engin comp=Z,869nm,1.2s	55.00 277	eP	P	07 04 58.0 0.0	HVU comp=Z,7um,18.0s		MLR
NKL	comp=N,600nm,4.0s		pmax	pmax	MET Memphis-Engin comp=Z,869nm,1.2s	55.00 277	eP	P	07 04 58.0 0.0	HVU comp=Z,270nm,1.3s	56.00 300	eP
NKL	comp=Z,1um,4.0s		smax	smax	MET comp=Z,869nm,1.2s			LR		V37A Hulbert	56.00 282	P
NKL	comp=E,4um,16.0s		MLR	MLR	F03A Seaside comp=Z,15um,19.0s	55.05 310	eP	P	07 04 59.0 +0.8	LTU Little Mount	56.02 299	eP
NKL	comp=Z,10um,16.0s		MLR	MLR	F03A Seaside comp=Z,737nm,1.2s	55.05 310	eP	P	07 04 59.0 +0.8	T32A Huddler Ranch, baz=23, SNR=72	56.02 286	P
NKL	comp=N,3um,15.0s		MLR	MLR	F03A comp=Z,22um,19.0s			LR		U35A Pawnee	56.07 283	P
F07A Phinny Hill Vi	54.15 308	P	P	07 04 52.0 +0.4	Q29A Oakie baz=23, SNR=200	55.11 288	P	P	07 04 57.8 -1.0	S30A Montezuma	56.09 287	P
F07A Phinny Hill Vi	54.15 308	P	P	07 04 52.0 +0.4	G05D Wamic, OR baz=21, SNR=7.8	55.12 308	P	P	07 04 58.2 -0.6	UALR University of comp=Z,198nm,1.3s	56.11 279	eP
BW06 Boulder Array	54.16 298	P	P	07 04 50.7 -1.3	T36A Boggs Farm, Ca baz=23, SNR=42	55.16 283	P	P	07 04 57.4 -1.7	UALR University of comp=Z,198nm,1.3s	56.11 279	eP
BW06 Boulder Array	54.16 298	eP	P	07 04 50.8 -1.3	R31A Burdett baz=23, SNR=149	55.20 287	P	P	07 04 58.3 -1.2	UALR comp=Z,198nm,1.3s	56.11 279	eP
BW06 Boulder Array	54.16 298	eP	P	07 04 50.8 -1.3	Q28A Sharon Springs baz=23, SNR=136	55.22 289	P	P	07 04 58.9 -0.7	J08A Circle Bar Ranch comp=Z,59nm,1.1s	56.12 305	eP
PD31 Pinedale Array	54.16 298	eP	P	07 04 50.8 -1.3	U38A Gravette baz=23, SNR=106	55.25 281	P	P	07 04 58.2 -1.6	J08A Circle Bar Ranch comp=Z,59nm,1.1s	56.12 305	eP
PDAR Pinedale Array	54.16 298	eP	P	07 04 50.7 -1.3	MFID Camas Ranch comp=Z,344nm,1.6s	55.34 303	eP	P	07 04 58.6 -1.9	J08A comp=Z,13um,20.0s	56.19 282	P
PDAR Pinedale Array	54.16 298	eP	P	07 04 50.7 -1.3	MFID Camas Ranch comp=Z,344nm,1.6s	55.34 303	eP	P	07 04 58.6 -1.9	TUL1 Leonard baz=23, SNR=15	56.19 282	eP
PDAR Pinedale Array	54.16 298	eP	P	07 04 50.7 -1.3	S33A Kaszmaul Farm, baz=23, SNR=7.7	55.35 285	P	P	07 04 59.4 -1.1	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
S37A Fort Scott baz=24, SNR=66	54.19 282	P	P	07 04 50.5 -1.5	BMUT Black Mountain OXF	55.39 299	eP	P	07 05 00.5 -0.5	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
O28A Krusinger Ranch baz=24, SNR=81	54.23 290	P	P	07 04 51.7 -0.7	BMUT Black Mountain OXF	55.39 299	eP	P	07 05 00.5 -0.5	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	pmax	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,14um,18.0s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,14um,18.0s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.8 -0.5	OXF comp=Z,820nm,1.1s	55.39 276	eP	MLR	07 04 59.9 -0.9	TUL1 Leonard comp=Z,314nm,1.9s	56.19 282	eP
HIA Hailer	54.24 40	eP	pmax	07 04 51.								

NEE2	Needles Airpor	63.04 298	P	P	07 05 53.3 -0.5
121A	Cookes Peak, D	63.08 292	P	P	07 05 54.0 -0.3
AOPR	Arecibo Observ	63.08 247	eP	P	07 05 54.3 +0.1
AOPR	Arecibo Observ	63.08 247	eP	P	07 05 54.3 +0.1
AOPR	comp-Z,10um,22.0s		LR	LR	
SAO	San Andreas Ge	63.09 305	eP	P	07 05 54.3 +0.2
SAO	comp-Z,206nm,1.2s		pmax	pmax	
SAO	comp-Z,11um,20.0s		MLR	MLR	
SAO	San Andreas Ge	63.09 305	eP	P	07 05 54.2 +0.2
SAO	comp-Z,206nm,1.2s		eP	P	07 05 54.2 +0.2
SAO	comp-Z,206nm,1.2s		LR	LR	
MNTX	Cornudas Mount	63.11 289	P	P	07 05 53.4 -0.9
MNTX	comp-Z,199nm,1.0s		eP	P	07 05 53.2 -1.1
MNTX	Cornudas Mount	63.11 289	eP	P	07 05 53.2 -1.1
MNTX	comp-Z,99nm,1.0s		LR	LR	
MNTX	comp-Z,20um,19.0s		LR	LR	
SJG	San Juan	63.12 246	eP	P	07 05 56.3 +1.9
SJG	comp-Z,56nm,1.0s		pmax	pmax	
SJG	comp-Z,12um,22.0s		MLR	MLR	
SJG	San Juan	63.12 246	eP	P	07 05 56.3 +1.9
SJG	comp-Z,56nm,1.0s		eP	P	07 05 56.3 +1.9
SJG	comp-Z,56nm,1.0s		LR	LR	
AGP	comp-Z,12um,22.0s				
AGP	Aguaidilla	63.15 247	PFAKE	LR	07 06 10.0 +15
LRS	Lares	63.16 247	eP	P	07 05 56.7 +1.9
LRS	Lares	63.16 247	eP	P	07 05 56.7 +1.9
GSC	Goldstone, Bar	63.17 300	eP	pmax	07 05 54.8 +0.1
GSC	comp-Z,186nm,1.4s		MLR	MLR	
GSC	comp-Z,14um,18.0s				
GSC	Goldstone, Bar	63.17 300	P	P	07 05 54.9 +0.2
GSC	comp-Z,186nm,1.4s		eP	P	07 05 54.8 +0.1
GSC	Goldstone, Bar	63.17 300	eP	P	07 05 54.8 +0.1
GSC	comp-Z,186nm,1.4s		LR	LR	
633A	Saathoff Ranch	63.22 283	P	P	07 05 55.1 +0.1
ASAJ	Asahikawa	63.24 24	P	P	07 05 56.6 +1.7
ASAJ	comp-Z,10nm,0.9s,baz=328,slow=9.5		LR	LR	07 34 50.1
ASAJ	comp-Z,6um,18.2s,baz=2.0,slow=37				
ASAJ	Asahikawa	63.24 24	eP	P	07 05 56.2 +1.3
ASAJ	comp-Z,88nm,1.9s				
ASAJ	Asahikawa	63.24 24	eP	P	07 05 56.2 +1.3
LRMC	Laurel Mtn Rad	63.26 301	P	P	07 05 55.3 0.0
CELP	Cerrillos	63.29 247	eP	P	07 05 56.9 +1.4
CELP	Cerrillos	63.29 247	eP	P	07 05 56.9 +1.4
LRV	Little Rabbit	63.29 304	eP	P	07 05 56.3 +0.9
LRV	Little Rabbit	63.29 304	eP	P	07 05 56.3 +0.9
ISA	Isabella, Lake	63.30 302	eP	pmax	07 05 55.8 +0.2
ISA	comp-Z,262nm,1.1s		MLR	MLR	
ISA	Isabella, Lake	63.30 302	eP	P	07 05 55.8 +0.2
ISA	comp-Z,262nm,1.1s		LR	LR	
ISA	Isabella, Lake	63.30 302	eP	P	07 05 55.8 +0.2
ISA	comp-Z,262nm,1.1s		LR	LR	
OBIP	Obispado Ponce	63.33 247	eP	P	07 05 57.3 +1.5
OBIP	comp-Z,159nm,1.5s				
OBIP	Obispado Ponce	63.33 247	eP	P	07 05 57.3 +1.5
OBIP	comp-Z,159nm,1.5s				
GMRC	Granite Moutia	63.33 299	P	P	07 05 56.1 +0.3
735A	Kenedy	63.34 281	P	P	07 05 55.9 +0.2
PDMC	Parker Dam,Lak	63.34 298	P	P	07 05 56.0 +0.3
Y14A	Wickenburg	63.34 297	eP	P	07 05 55.5 -0.3
Y14A	Wickenburg	63.34 297	eP	P	07 05 55.5 -0.3
Y14A	comp-Z,450nm,1.1s		LR	LR	
LSP	Las Mesas	63.35 247	eP	P	07 05 58.0 +2.0
LSP	Las Mesas	63.35 247	eP	P	07 05 58.0 +2.0
TIY	Taiyuan	63.45 51	eP	S	07 05 57.0 +0.5
TIY	comp-Z,120nm,1.3s		pmax	pmax	07 14 33.0 +3.5
TIY	comp-Z,120nm,1.3s		pmax	pmax	
TIY	comp-Z,1um,7.9s		LR	LR	
TIY	comp-Z,5um,15.3s		LR	LR	
TIY	comp-Z,15um,13.8s		LR	LR	
HEC	Hector,Ludlow	63.48 300	P	P	07 05 56.9 +0.1
CRPR	Cabo Rojo, PR	63.51 247	eP	P	07 05 59.0 +2.0
CRPR	Cabo Rojo, PR	63.51 247	eP	P	07 05 59.0 +2.0
CRPR	comp-Z,537nm,1.8s		LR	LR	
734A	La Parita Cree	63.59 282	P	P	07 05 57.2 -0.2
RRX	Edison Barstow	63.62 300	P	P	07 05 58.5 +0.8
DANN	Dang-Kung	63.73 79	eP	P	07 05 58.6 -0.2
YUK	Yuzh-Kuril'sk	63.74 22	eP	S	07 05 52.4 -5.8
YUK	Yuzh-Kuril'sk	63.74 22	eP	S	07 14 27.5 -5.2
YUK	Yuzh-Kuril'sk	63.74 22	eP	S	07 15 49.9
YUK	Yuzh-Kuril'sk	63.74 22	eP	S	07 18 47.5 +8.1
YUK	comp-Z,444nm,4.7s		pmax	pmax	
YUK	comp-N,73nm,1.5s		pmax	pmax	
YUK	comp-Z,145nm,1.5s		pmax	pmax	
YUK	comp-E,171nm,1.6s		pmax	pmax	
YUK	comp-Z,2um,17.0s		MLR	MLR	
IRM	Iron Mountain	63.76 299	P	P	07 05 58.7 +0.1
BHJ	Bhuj	63.83 95	eP	IAMS_20	07 05 58.6 -0.4
BHJ	Bhuj	63.83 95	eP	IAMS_20	07 36 10.8
835A	Beeville	63.87 281	P	P	07 05 60.0 +0.7
EDW2	Edwards Air Fo	63.90 301	P	P	07 05 59.3 -0.2
ARVC	Arvin	63.90 302	P	P	07 05 58.5 -0.9
733A	Divot King Ran	63.94 282	P	P	07 05 59.4 -0.4
Y12C	Blythe	63.96 298	P	P	07 06 00.0 +0.2
Y12C	Blythe	63.96 298	eP	P	07 06 00.2 +0.4
Y12C	Blythe	63.96 298	eP	P	07 06 00.2 +0.4
Y12C	comp-Z,306nm,1.1s		LR	LR	

SMCC	Simmler	64.06 303	P	P	07 06 00.3 -0.2
ABTO	Aybut	64.13 113	P	P	07 06 00.9 -0.2
ABTO	Aybut	64.13 113	P	P	07 06 00.9 -0.2
ABTO	Aybut	64.13 113	P	P	07 06 00.9 -0.2
DBIC	Dimbokro	64.14 178	P	P	07 06 00.5 -0.6
DBIC	comp-Z,14nm,0.9s,baz=344,slow=8.0,SNR=17		LR	LR	07 33 00.8
BELC	Belle Mtn, Jos	64.16 299	P	P	07 06 01.9 +0.6
TIC	Toumodi	64.16 178	eP	P	07 05 59.9 -1.4
DAMY	Dhamar	64.17 123	eP	P	07 06 03.2 +1.4
DAMY	Dhamar	64.17 123	eP	P	07 06 03.1 +1.4
DAMY	comp-Z,184nm,1.4s		LR	LR	
DAMY	comp-Z,8um,21.0s		LR	LR	
BBRC	Big Bear Solar	64.18 300	P	P	07 06 01.9 +0.3
GTBY	Quantanamo Bay	64.21 256	eP	P	07 06 03.6 +2.0
GTBY	Quantanamo Bay	64.21 256	eP	P	07 06 03.6 +2.0
GTBY	comp-Z,281nm,1.5s		LR	LR	
GTBY	comp-Z,281nm,1.5s		LR	LR	
GTBY	comp-Z,10um,21.0s		LR	LR	
KOLN	Koldanda	64.22 80	eP	P	07 06 01.3 -0.6
834A	Tilden	64.25 281	P	P	07 06 02.2 +0.4
RBK	Rabkut	64.27 112	P	P	07 06 02.0 0.0
RBK	Rabkut	64.27 112	P	P	07 06 02.0 0.0
RBK	Rabkut	64.27 112	P	P	07 06 02.0 0.0
RBK	Rabkut	64.27 112	P	P	07 06 02.0 0.0
BC3	Big Chuckwall	64.32 299	P	P	07 06 02.4 0.0
833A	Chapparral WMA	64.34 282	P	P	07 06 02.3 -0.1
OSI	Osito Audit: C	64.36 302	P	P	07 06 02.6 +0.1
OSI	Osito Audit: C	64.36 302	eP	P	07 06 03.5 +1.0
OSI	Osito Audit: C	64.36 302	eP	P	07 06 03.5 +1.0
OSI	Osito Audit: C	64.36 302	eP	P	07 06 03.5 +1.0
PKM	Mpherson Peak	64.40 303	P	P	07 06 03.3 +0.4
BFSC	Mount Baldy Ra	64.41 301	P	P	07 06 03.3 +0.3
KIC	Kosan Boka	64.45 178	eP	P	07 06 02.2 -1.0
936A	North Padre Is	64.50 280	P	P	07 06 03.7 +0.2
DL2	Dalian	64.52 43	↑P	SS	07 06 07.8 +4.4
DL2	Dalian	64.52 43	SS	SS	07 18 47.5 -4.3
DL2	comp-Z,46nm,1.1s		pmax	pmax	
DL2	comp-Z,950nm,10.3s		LR	LR	
DL2	comp-Z,10um,20.0s		LR	LR	
DL2	comp-Z,4um,22.6s		MLR	MLR	
MWC	Mount Wilson	64.53 301	eP	pmax	07 06 03.8 0.0
MWC	comp-Z,304nm,1.1s		MLR	MLR	
MWC	Mount Wilson	64.53 301	eP	P	07 06 03.8 0.0
MWC	comp-Z,304nm,1.1s		eP	P	07 06 03.8 0.0
MWC	comp-Z,304nm,1.1s		LR	LR	
832A	Faith Ranch, C	64.57 283	P	P	07 06 03.3 -0.6
LIC	Lamto	64.58 178	eP	P	07 06 01.4 -2.6
KVTX	Kingsville	64.58 281	eP	P	07 06 04.7 +0.7
KVTX	Kingsville	64.58 281	eP	P	07 06 04.7 +0.7
DECC	Green Verdugo	64.59 301	P	P	07 06 03.9 -0.1
319A	Douglas	64.61 292	eP	LR	07 06 04.3 0.0
PASC	Pasadena Art C	64.62 301	eP	P	07 06 04.6 +0.4
PASC	Pasadena Art C	64.62 301	eP	P	07 06 04.6 +0.4
PASC	comp-Z,226nm,1.1s		LR	LR	
PAPH	Port-au-Prince	64.64 253	eP	P	07 06 06.9 +2.5
PAPH	Port-au-Prince	64.64 253	eP	P	07 06 06.3 +1.9
PAPH	comp-Z,857nm,1.8s		LR	LR	
PFO	Pinyon Flats O	64.65 300	eP	pmax	07 06 04.6 0.0
PFO	comp-Z,118nm,1.1s		MLR	MLR	
PFO	Pinyon Flats O	64.65 300	P	P	07 06 04.5 0.0
PFO	comp-Z,435nm,1.1s,SNR=92		P	P	07 06 04.5 0.0
PFO	Pinyon Flats O	64.65 300	eP	P	07 06 04.6 0.0
PFO	comp-Z,118nm,1.1s		eP	P	07 06 04.6 0.0
PFO	Pinyon Flats O	64.65 300	eP	LR	07 06 04.2 -0.2
113A	Mohawk Valley, S	64.66 297	eP	LR	07 06 04.2 -0.2
GLA	Glamis	64.70 298	eP	pmax	07 06 05.8 +1.0
GLA	comp-Z,396nm,1.4s		MLR	MLR	
GLA	Glamis	64.70 298	P	P	07 06 05.2 +0.4
GLA	comp-Z,9um,18.0s		eP	P	07 06 05.8 +1.0
GLA	Glamis	64.70 298	eP	P	07 06 05.8 +1.0
GLA	comp-Z,396nm,1.4s		LR	LR	
934A	Benavides	64.73 281	P	P	07 06 05.4 +0.4
KKN	Kakan	64.74 78	eP	P	07 06 05.0 -0.3
LGNH	L'Oogne	64.74 253	eP	P	07 06 05.8 +0.7
LGNH	L'Oogne	64.74 253	eP	P	07 06 05.8 +0.7
LGNH	comp-Z,607nm,1.5s		LR	LR	
LGNH	comp-Z,607nm,1.5s		LR	LR	
TX31	Lajitas Ar, Si	64.77 287	eP	P	07 06 04.5 -0.8
TX31	Lajitas Ar, Si	64.77 287	eP	P	07 06 04.5 -0.8
TXAR	Lajitas Ar, Si	64.77 287	eP	P	07 06 04.3 -1.0
TXAR	comp-Z,64nm,0.8s,baz=47,slow=4.7,SNR=468		LR	LR	07 32 52.0
TXAR	comp-Z,13um,20.4s,baz=0.0,slow=35		PKP2ab		07 34 58.8
SBC	Santa Barbara	64.79 303	P	P	07 06 05.9 +0.6
GUN	Gumba	64.82 78	eP	P	07 06 05.8 -0.2
LSA	Lhasa	64.84 72	eP	pmax	07 06 07.2 +1.0
LSA	comp-Z,85nm,0.9s		MLR	MLR	
LSA	comp-Z,8um,21.0s		P	P	07 06 07.3 +1.0
LSA	Lhasa	64.84 72	P	S	07 14 39.5 -8.2

LSA	comp-Z,120nm,1.0s		pmax	pmax	
LSA	comp-Z,2um,11.4s		LR	LR	
LSA	comp-Z,4um,20.1s		LR	LR	
LSA	comp-Z,4um,17.9s		LR	LR	
LSA	comp-Z,7um,22.3s		eP	P	07 06 07.2 +1.0
LSA	Lhasa	64.84 72	eP	P	07 06 07.2 +1.0
LSA	comp-Z,85nm,0.9s		LR	LR	
LSA	comp-Z,8um,21.0s		eP	P	07 06 07.2 +1.3
PDF	Fort de France	64.85 240	eP	pmax	07 06 07.2 +1.3
PDF	Fort de France	64.85 240	eP	pmax	07 06 07.2 +1.3
PDF	comp-Z,167nm,1.2s		MLR	MLR	
PDF	Fort de France	64.85 240	eP	P	07 06 08.1 +2.3
PDF	Fort de France	64.85 240	eP	P	07 06 07.2 +1.3
PDF	Fort de France	64.85 240	eP	P	07 06 07.2 +1.3
PDF	comp-Z,167nm,1.2s		LR	LR	
DMN	Dama	64.85 78	eP	P	07 06 05.8 -0.3
MURC	Murrieta	64.88 300	P	P	07 06 05.5 -0.4
BLG	Laguna Peak, P	64.92 302	P	P	07 06 06.1 0.0
933A	Laredo	64.96 282	P	P	07 06 06.6 +0.2

29d 7h

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like LSZ Lusaka, LHMI Lhok Sumawe, KULM Kulim, etc.

2011 JAN

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like TARA Tarawa, LCO Las Campanas, MMRI Maumere, etc.

1494

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, and other parameters. Includes stations like JAGN Amaminishikomi, WRA Warramunga Arr, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HLID Hailey, SCHE Schrefferville, MCMT Mckenzie Canyo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OUR Ouranopolis, KUR Karacabey (Bur), RZN Rozhen, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMIA Simia, PLG Polygyros, OUR Ouranopolis, etc.

ISCJB 29 07:41:48.9±0.5, 39°18'N; 0°03:29.45E; 0.03, h3km, 7km, Error ellipse: s-maj=5.3km s-min=4.3km az=179.3

CSEM 29 07:41:48.8±0.2, 39°18'N; 29.47E; h5km, MD2.5, Error ellipse: s-maj=5.3km s-min=5.0km az=99.0

DDA 29 07:41:48.3, 38°17'N; 29.43E; h7km, MD2.7

ISK 29 07:41:48.6, 38°19'N; 29.45E; h8km, MD2.5

ISC 29 07:41:49.0±1.0, 38°18'N; 0°03:29.47E; 0.02, h9km, 6km, n20, c092/36, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHL Karahalli, KHAL Karahalli, KHM Karahalli, etc.

BEO 29 07:32:15.2±1.2, 39°06'N; 27°81'E, h0km, M4, 1/4

SOF 29 07:32:40.5, 40°41'N; 26°02'E, h1km

ISK 29 07:32:41.1, 40°43'N; 26°07'E, h10km, ML3.4

ISCJB 29 07:32:41.4±0.3, 40°43'N; 02.26°E; 0.02, h10km, 3km, Error ellipse: s-maj=2.8km s-min=2.3km az=11.9

CSEM 29 07:32:41.8±0.1, 40°42'N; 26°06'E, h10km, ML3.4, Error ellipse: s-maj=2.4km s-min=1.9km az=16.0

ATH 29 07:32:42.2, 40°40'N; 26°10'E, h4km, 1km, MD3.2/9

THE 29 07:32:42.5, 40°41'N; 26°03'E, h16km, 1km, ML3.3/7, Error ellipse: s-maj=1.6km s-min=0.7km az=18.0

DDA 29 07:32:42.1, 40°37'N; 26°16'E, h18km, MD3.4

ISC 29 07:32:42.1±0.9, 40°41'N; 02.26°E; 0.01, h13km, 7km, n142, c0973/185, 6C-3D, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GELI Tayfur-Gelibol, SMTH Samothraki Isl, ERIK Eriki-Kesan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KLYT Kilyos, KNT Kendrikir, IZI Iznik, etc.

IDC 29 07:43:14.1±1.7, 24°75'N; 121°16'E, h0km, mb3.5/5, mb1 3.6/5, mb1mx3.4/43, mbmtm3.5/5, Error ellipse: s-maj=152.6km s-min=19.3km az=65.0

ISCJB 29 07:43:15.2±0.5, 24°90'N; 0°03:122.08E; 0.03, h6km, 4km, mb3.4/5, Error ellipse: s-maj=4.3km s-min=3.9km az=156.6

TAP 29 07:43:15.3±0.2, 92°N; 122°02'E, h1km, ML3.3, C JMA 29 07:43:15.9±0.1, 24°32'N; 121°36'E, h40km, M2.9

ISC 29 07:43:15.2±0.8, 24°32'N; 0°03:122.03E; 0.03, h13km, 5km, n45, c050/58, mb3.4/5, TD, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWB1 Santiao Chiao, EGS baz=235, EGS baz=235, etc.

BER 29 07:34:59.9±0.7, 70°34'N; 6°39'W, h3km; 257km, ML2.7, Jan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JNE Jan Mayen East, JNE Jan Mayen East, JNW Jan Mayen West, etc.

CSEM 29 07:41:07.4, 39°54'N; 23°52'E, h3km, MD2.7

ATH 29 07:41:07.4, 39°54'N; 23°52'E, h3km, 2km, MD2.7/8, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like XOR Xorichti, XOR Xorichti, XOR Xorichti, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWA baz=280, TAP1 Taipei, TAP Taipei, etc.

29d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IRIF, TWF1, ALS, CHNS, HATJ, JKRS, JHU, TSASHAN, STYV, CHN1, SONM, MKAR, ZALV, WRA, ASAR.

TAP 29 07:45:55.8, 24.92N, 122.02E, h12km, ML2.9, C
JMA 29 07:45:56.0, 24.91N, 121.96E, h32km
ISC 29 07:45:55.9, 1.0, 24.92N, 122.00E, 0.04, h14km, 6km, n17, -058/23, 3D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWB1, EGS, NWF, WRA, TWC, TWE, TWA, ENT, ENA, TWS1, NSK, NCU, NSTT, JYNG, WHF, YOJ.

IDC 29 07:46:11.0, 1.9, 24.83N, 121.87E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/48, mbtmp3.5/4, Error ellipse: s-maj=157.6km s-min=22.5km az=65.0

ISCJB 29 07:46:11.0, 1.8, 0.6, 24.92N, 122.06E, 0.03, h10km, 3km, mb3.5/4, Error ellipse: s-maj=5.2km s-min=4.5km az=40.5

TAP 29 07:46:11.7, 24.91N, 122.02E, h11km, ML3.5, C
JMA 29 07:46:12.0, 24.94N, 121.96E, h4km, M3.0
ISC 29 07:46:11.8, 0.9, 24.92N, 122.03E, 0.04, h12km, 5km, n33, -065/47, mb3.5/4, 1C-2D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWB1, EGS, NWF, ILA, TWC, TWE, TWA, TAP1, TAP, ENT, TWY, ENA, TWS1, NSK, NCU, NNS, TWD, HSN, JYNG, TAP1, NSST, YOJ, TWT, WHF, NSY, NSY.

2011 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWFQ1, WDT, TYC, EHY, TWF1, SONM, MKAR, WRA, ASAR.

ISCJB 29 07:58:27.8, 0.5, 50.75N, 130.125W, 0.06, h14km, mb3.5/3, Error ellipse: s-maj=7.2km s-min=2.6km az=139.6

PGC 29 07:58:28.2, 2.1, 50.62N, 130.42W, h10km, ML3n3.4/31, Mw4.0/31, 212km west of Pt. Hardy, Bc Vancouver Island, Canada Region

NEIC 29 07:58:28.7, 50.62N, 130.42W, h10km, MW4.7(TOT), After OTT, IDC 29 07:58:29.3, 1.6, 50.77N, 130.33W, h0km, mb3.5/3, mb1 3.7/9, mb1mx3.5/3, mbtmp3.4/8, ML3.3, Error ellipse: s-maj=26.6km s-min=12.1km az=59.0

ISC 29 07:58:29.1, 0.9, 50.70N, 130.26W, 0.05, h14km, n153, -019/163, mb3.4/3, Vancouver Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HOLB, BPBC, PHC, MAYB, BBB, BNB, FHRB, EDB, WOSB, MOBC, NCRB, H02S1, GDR, H02N1, VIB, SPLB, CBB, TOFB, BTB, OZB, B928, B927, TXB, MGB, SHB, YOUNB, NLLB, OCP, B926, UBRB, LZB, GOBB, GDB, WSLR, B010, B010, PGC, B009, B011, VGG, VGG, MCW, LLLB, BLN, HOPB, JCW, RPW, GPW, FMW, LON, B08A, B08A, DLBC, DLBC.

1496

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NEW, WHY, YBH, YKR1, YKR2, YKR3, YKR4, YKR5, YKR6, YKR7, YKR8, YKR9, YKR10, YKR11, YKR12, YKR13, YKR14, YKR15, YKR16, YKR17, YKR18, YKR19, YKR20, YKR21, YKR22, YKR23, YKR24, YKR25, YKR26, YKR27, YKR28, YKR29, YKR30, YKR31, YKR32, YKR33, YKR34, YKR35, YKR36, YKR37, YKR38, YKR39, YKR40, YKR41, YKR42, YKR43, YKR44, YKR45, YKR46, YKR47, YKR48, YKR49, YKR50, YKR51, YKR52, YKR53, YKR54, YKR55, YKR56, YKR57, YKR58, YKR59, YKR60, YKR61, YKR62, YKR63, YKR64, YKR65, YKR66, YKR67, YKR68, YKR69, YKR70, YKR71, YKR72, YKR73, YKR74, YKR75, YKR76, YKR77, YKR78, YKR79, YKR80, YKR81, YKR82, YKR83, YKR84, YKR85, YKR86, YKR87, YKR88, YKR89, YKR90, YKR91, YKR92, YKR93, YKR94, YKR95, YKR96, YKR97, YKR98, YKR99, YKR100.

IDC 29 08:01:58.9, 0.7, 35.96N, 121.77E, h0km, mb4.0/20, mb1 4.0/25, mb1mx3.9/57, mbtmp4.0/25, ML3.4/5, MS4.1/2, Ms1.4, 1/2, ms1mx3.5/48, Error ellipse: s-maj=16.3km s-min=14.0km az=175.0

CSEM 29 08:02:00.8, 0.4, 35.90N, 121.59E, h2km, ML3.6, Error ellipse: s-maj=8.7km s-min=4.0km az=40.0

ATH 29 08:02:01.1, 35.84N, 121.54E, h2km, ML3.9, ISCJB 29 08:02:04.1, 0.5, 35.94N, 121.59E, 0.04, h58km, 5km, mb3.9/19, MS4.1/1, Error ellipse: s-maj=7.2km s-min=4.0km az=34.7

THE 29 08:02:04.5, 36.00N, 121.69E, h18km, 3km, ML3.6/8, Error ellipse: s-maj=3.8km s-min=1.0km az=226.0

ISC 29 08:02:04.1, 0.6, 35.91N, 121.58E, 0.04, h39km, 2km, n162, -013/3/186, mb4.0/19, 5C-7D, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PVL, KYTH, ITM, ANKY, AMT, TRIP, KRND, IMMV, DRO, DID, RLS, KLV.

Table with columns: VAM, VAMOS, GVD, LAKA, LTK, LTRK, VLS, VLSM, MHL0, PSARO, KALE, EFP, DSF, VLY, VLYA, VLYB, VLYC, VLYD, VLYE, VLYF, VLYG, VLYH, VLYI, VLYJ, VLYK, VLYL, VLYM, VLYN, VLYO, VLYP, VLYQ, VLYR, VLYS, VLYT, VLYU, VLYV, VLYW, VLYX, VLYY, VLYZ, VAE, VAE2, VAE3, VAE4, VAE5, VAE6, VAE7, VAE8, VAE9, VAE10, VAE11, VAE12, VAE13, VAE14, VAE15, VAE16, VAE17, VAE18, VAE19, VAE20, VAE21, VAE22, VAE23, VAE24, VAE25, VAE26, VAE27, VAE28, VAE29, VAE30, VAE31, VAE32, VAE33, VAE34, VAE35, VAE36, VAE37, VAE38, VAE39, VAE40, VAE41, VAE42, VAE43, VAE44, VAE45, VAE46, VAE47, VAE48, VAE49, VAE50, VAE51, VAE52, VAE53, VAE54, VAE55, VAE56, VAE57, VAE58, VAE59, VAE60, VAE61, VAE62, VAE63, VAE64, VAE65, VAE66, VAE67, VAE68, VAE69, VAE70, VAE71, VAE72, VAE73, VAE74, VAE75, VAE76, VAE77, VAE78, VAE79, VAE80, VAE81, VAE82, VAE83, VAE84, VAE85, VAE86, VAE87, VAE88, VAE89, VAE90, VAE91, VAE92, VAE93, VAE94, VAE95, VAE96, VAE97, VAE98, VAE99, VAE100.

Table with columns: ASAR, CSEM, Code, Station Name, A, AZ, Op, Phase ID, ISC, Time, Res, CUC, CUC2, CUC3, CUC4, CUC5, CUC6, CUC7, CUC8, CUC9, CUC10, CUC11, CUC12, CUC13, CUC14, CUC15, CUC16, CUC17, CUC18, CUC19, CUC20, CUC21, CUC22, CUC23, CUC24, CUC25, CUC26, CUC27, CUC28, CUC29, CUC30, CUC31, CUC32, CUC33, CUC34, CUC35, CUC36, CUC37, CUC38, CUC39, CUC40, CUC41, CUC42, CUC43, CUC44, CUC45, CUC46, CUC47, CUC48, CUC49, CUC50, CUC51, CUC52, CUC53, CUC54, CUC55, CUC56, CUC57, CUC58, CUC59, CUC60, CUC61, CUC62, CUC63, CUC64, CUC65, CUC66, CUC67, CUC68, CUC69, CUC70, CUC71, CUC72, CUC73, CUC74, CUC75, CUC76, CUC77, CUC78, CUC79, CUC80, CUC81, CUC82, CUC83, CUC84, CUC85, CUC86, CUC87, CUC88, CUC89, CUC90, CUC91, CUC92, CUC93, CUC94, CUC95, CUC96, CUC97, CUC98, CUC99, CUC100.

Table with columns: IENR, YKLR, YKLR2, YKLR3, YKLR4, YKLR5, YKLR6, YKLR7, YKLR8, YKLR9, YKLR10, YKLR11, YKLR12, YKLR13, YKLR14, YKLR15, YKLR16, YKLR17, YKLR18, YKLR19, YKLR20, YKLR21, YKLR22, YKLR23, YKLR24, YKLR25, YKLR26, YKLR27, YKLR28, YKLR29, YKLR30, YKLR31, YKLR32, YKLR33, YKLR34, YKLR35, YKLR36, YKLR37, YKLR38, YKLR39, YKLR40, YKLR41, YKLR42, YKLR43, YKLR44, YKLR45, YKLR46, YKLR47, YKLR48, YKLR49, YKLR50, YKLR51, YKLR52, YKLR53, YKLR54, YKLR55, YKLR56, YKLR57, YKLR58, YKLR59, YKLR60, YKLR61, YKLR62, YKLR63, YKLR64, YKLR65, YKLR66, YKLR67, YKLR68, YKLR69, YKLR70, YKLR71, YKLR72, YKLR73, YKLR74, YKLR75, YKLR76, YKLR77, YKLR78, YKLR79, YKLR80, YKLR81, YKLR82, YKLR83, YKLR84, YKLR85, YKLR86, YKLR87, YKLR88, YKLR89, YKLR90, YKLR91, YKLR92, YKLR93, YKLR94, YKLR95, YKLR96, YKLR97, YKLR98, YKLR99, YKLR100.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ID, Time, Res, h, m, s, ISC. Includes stations like SARI, CORUM, AVINS, CDAG, etc.

ISK 29 09:17:34.4, 39.10N, 38.42E, h24km, MD2.3
CSEM 29 09:17:35.8, 0.2, 39.06N, 38.52E, h8km, MD2.3, Error
ellipse: s-maj=5.6km s-min=4.3km az=91.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ID, Time, Res, h, m, s, ISC. Includes stations like ILIC, MALAT, TUNCEL, CUKAN, etc.

ISC 29 09:31:28.2, 0.7, 35.11N, 141.33E, h0km, mb3.8/11,
mb1.4/1.4, mb1mx3.9/3.4, mbtmp3.9/14, ML3.7/3, Error
ellipse: s-maj=21.0km s-min=14.9km az=102.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ID, Time, Res, h, m, s, ISC. Includes stations like BOSO, CHOI, KATSU, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ID, Time, Res, h, m, s, ISC. Includes stations like JNE, JMW, JNW, JNC, etc.

ISC 29 09:33:35.3, 2.2, 25.27N, 123.13E, h0km, mb3.6/4,
mb1.3/8.4, mb1mx3.4/3.4, mbtmp3.6/4, Error ellipse:
s-maj=167.3km s-min=22.1km az=65.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ID, Time, Res, h, m, s, ISC. Includes stations like TWP1, TWP2, TWP3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ID, Time, Res, h, m, s, ISC. Includes stations like HSN, NSTT, HWA, etc.

RSNC 29 09:34:13.0, 1.3, 4.00N, 74.07W, h3km, 9km, ML1.8, 1D,
Cholombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ID, Time, Res, h, m, s, ISC. Includes stations like CHIC, SJCAC, TOLCA, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like MNAS, EKS2, AAK, ULHL, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like JNE, JNW, JMI.

BER 29 10:01:10.8,0.4, 70.93N, 6.82W, h3km, 425km, ML3.5, 3C, Jan Mayen Island region

ISCJJB 29 10:09:02.9, 0.4, 70.82N, 0.03, 7.10W, 0.08, h16km, mb3.4/3, Error ellipse: s-maj=4.3km s-min=3.4km az=143.4

NAO 29 10:09:03.5, 1.5, 70.96N, 6.93W, ML3.6 CSEM 29 10:09:04.2, 0.2, 70.88N, 7.18W, h10km, ML3.9, Error ellipse: s-maj=4.2km s-min=3.3km az=147.0

BER 29 10:09:05.3, 1.5, 70.89N, 7.12W, h8km, 21km, ML3.9, ML3.6(NAO)

REY 29 10:09:07.1, 70.82N, 8.59W, h10km ISC 29 10:09:05.3, 0.7, 70.94N, 0.06, 7.34W, 0.04, h16km, n76, c088/106, mb3.4/3, 8D, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like JNE, JNW, JMI, JMC, etc.

Main table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like IREN, IMEL, IMEL, IHLA, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like KHC, HOPE, VNA3, VNA2, etc.

29d 11h

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like CLL, CLM, NACGM, ABH, BRG, etc.

2011 JAN

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like SOKR, VSR, VORD, VORO, NRIK, etc.

1502

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes stations like KKAR, MKAR, MOY, AAK, AAK, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BMO Blue Mountains, N23A Red Feather LA, HLID Hailey, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BJI Beijing, JCT Junction City, DAC Darwin (Calif), etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like YKA Yellowknife Arr, BVAR Borovoye Array, KMC Kilma Mbogo, etc.

29 Jan 12h

Table of astronomical observations for 29 Jan 12h, listing stations, station names, coordinates, and observation details.

2011 JAN

Main table of astronomical observations for 2011 JAN, listing stations, station names, coordinates, and observation details.

1506

Table of astronomical observations for 1506, listing stations, station names, coordinates, and observation details.

29d 12h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MHMT Maesarieng, KHLT Kholoam Dam, IRK Irkutsk, etc.

2011 JAN

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KURK Kurchatov, SVWZ Sparrevoehn, KDAK Kodiak Island, etc.

1508

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like DOT Dot Lake, EGAK Eagle, DAWY Dawson, etc.

1509 **2011 JAN** **29d 12h**

NEW	Newport	80.43	42	P	P	12 50 36.8 +0.5
NEW	Newport	80.43	42	eP	P	12 50 36.8 +0.5
MOD	Modoc Plateau	80.61	49	eP	P	12 50 38.0 +0.4
MOS	Moscow	80.63	326	e	P	12 50 35.9 -1.2
MOS						12 53 45.5
EDM	Edmonton	80.73	36	eP	P	12 50 38.3 +0.5
EDM						
EDM	Edmonton	80.73	36	eP	P	12 50 38.3 +0.5
DAG	Danmarks Havn	81.17	356	i/P	P	12 50 39.2 -0.4
DAG						
DAG	Danmarks Havn	81.17	356	i/P	P	12 50 39.2 -0.4
LPSR	Galich'ya Gora	81.23	323	eP	P	12 50 40.5 +0.2
LPSR						
DGRG	David-gareji	81.44	311	P	P	12 50 42.6 +0.9
DGRG						
OBN	Obninsk	81.44	326	P	P	12 50 41.5 +0.2
OBN						
OBN	Obninsk	81.44	326	i/P	P	12 50 40.4 -0.9
OBN						
OBN	Obninsk	81.44	326	eP	P	12 50 41.2 -0.1
WVOR	Wild Horse Val	81.58	48	eP	P	12 50 43.1 +0.5
WVOR						
WVOR	Wild Horse Val	81.58	48	eP	P	12 50 43.1 +0.5
WVOR						
BMO	Blue Mountains	81.58	45	eP	P	12 50 42.9 +0.4
BMO						
BMO	Blue Mountains	81.58	45	eP	P	12 50 42.9 +0.4
BMO						
BMO	Blue Mountains	81.58	45	eP	P	12 50 42.9 +0.4
BMO						
SAO	San Andreas Ge	81.58	54	eP	P	12 50 42.8 +0.2
SAO						
SAO	San Andreas Ge	81.58	54	eP	P	12 50 42.8 +0.2
SAO						
VSR	Storozhevoje	81.66	322	eP	P	12 50 42.3 -0.3
VSR						
VORD	Divnogorie	81.69	322	eP	P	12 50 42.4 -0.3
VORD						
GOF	Goitfskoje	81.69	315	eP	P	12 50 40.9 -2.0
GOF						
TBLG	Delisi	81.78	312	P	P	12 50 43.9 +0.4
TBLG						
CMB	Columbia Colle	81.92	52	eP	P	12 50 44.9 +0.5
CMB						
CMB	Columbia Colle	81.92	52	eP	P	12 50 44.9 +0.5
CMB						
ZEI	Tsey	81.96	313	eP	P	12 50 41.7 -3.0
ZEI						
BSMT	Bassoo Peak	82.03	42	eP	P	12 50 45.7 +0.8
WALA	Waterton Lakes	82.09	40	eP	P	12 50 46.0 +1.0
WALA						
WALA	Waterton Lakes	82.09	40	eP	P	12 50 46.0 +1.0
WALA						
KBZ	Khabaz	82.29	314	eP	P	12 53 55.1 -2.5
KBZ						
KBZ	Khabaz	82.29	314	eP	P	12 53 55.1 -2.5
KBZ						
KIV	Kislovodsk	82.34	314	i/P	P	12 50 46.8 +0.4
KIV						
KIV	Kislovodsk	82.34	314	i/P	P	12 50 46.8 +0.4
KIV						
KIV	Kislovodsk	82.34	314	i/P	P	12 50 46.8 +0.4
KIV						
KIV	Kislovodsk	82.34	314	i/P	P	12 50 46.8 +0.4
KIV						
ONI	Oni	82.34	313	P	P	12 50 47.4 +0.9
ONI						
ONI	Oni	82.34	313	P	P	12 50 47.4 +0.9
ONI						
ONI	Oni	82.34	313	P	P	12 50 47.4 +0.9
ONI						
GNI	Garni	82.36	310	i/P	P	12 50 47.7 +1.0
GNI						
GNI	Garni	82.36	310	i/P	P	12 50 47.7 +1.0
GNI						
GNI	Garni	82.36	310	i/P	P	12 50 47.7 +1.0
GNI						
GNI	Garni	82.36	310	i/P	P	12 50 47.7 +1.0
GNI						
GTMT	Jette	82.39	42	eP	P	12 50 47.2 +0.6
GTMT						
GTMT	Jette	82.39	42	eP	P	12 50 47.2 +0.6
GTMT						
WAKR	Walker	82.45	52	eP	P	12 51 59.4 -0.7
WAKR						
WAKR	Walker	82.45	52	eP	P	12 51 59.4 -0.7
WAKR						
YBMT	Yellow Bay	82.51	41	eP	P	12 50 47.9 +0.6
YBMT						
YBMT	Yellow Bay	82.51	41	eP	P	12 50 47.9 +0.6
YBMT						
NEY	Neytrino	82.59	314	i/P	P	12 50 49.2 +1.4
NEY						
SWMT	Swartz Lake	82.66	42	eP	P	12 50 48.1 +0.1
SWMT						
SWMT	Swartz Lake	82.66	42	eP	P	12 50 48.1 +0.1
SWMT						
AKH	Akhalkalaki	82.77	312	i/P	P	12 50 49.9 +1.1
AKH						
AKH	Akhalkalaki	82.77	312	i/P	P	12 50 49.9 +1.1
AKH						
AKH	Akhalkalaki	82.77	312	i/P	P	12 50 49.9 +1.1
AKH						
MSO	Missoula	82.97	42	eP	P	12 50 50.0 +0.3
MSO						
MSO	Missoula	82.97	42	eP	P	12 50 50.0 +0.3
MSO						
SLMT	Seeley Lake	83.08	42	eP	P	12 50 50.3 0.0
SLMT						
SLMT	Seeley Lake	83.08	42	eP	P	12 50 50.3 0.0
SLMT						
MFID	Camas Ranch	83.12	46	eP	P	12 50 51.1 +0.6
MFID						
MFID	Camas Ranch	83.12	46	eP	P	12 50 51.1 +0.6
MFID						
KULLO	Kullorsuaq	83.12	5	i/P	P	12 50 49.7 0.0
KULLO						
KULLO	Kullorsuaq	83.12	5	i/P	P	12 50 49.7 0.0
KULLO						
KULLO	Kullorsuaq	83.12	5	i/P	P	12 50 49.7 0.0
KULLO						
KULLO	Kullorsuaq	83.12	5	i/P	P	12 50 49.7 0.0
KULLO						
GINES	FINESS Array B	83.16	334	P	P	12 50 49.1 -0.9
GINES						
GINES	FINESS Array B	83.16	334	P	P	12 50 49.1 -0.9
GINES						
SMMC	Simmler	83.20	55	P	P	12 50 51.3 +0.4
SMMC						
SMMC	Simmler	83.20	55	P	P	12 50 51.3 +0.4
SMMC						
MLAC	Mammoth, Mammo	83.21	52	P	P	12 50 51.7 +0.5
MLAC						
MLAC	Mammoth, Mammo	83.21	52	P	P	12 50 51.7 +0.5
MLAC						
CHVG	Ch'kvaleri	83.23	313	P	P	12 50 51.6 +0.7
CHVG						
CHVG	Ch'kvaleri	83.23	313	P	P	12 50 51.6 +0.7
CHVG						
NVAR	Mina Array Bea	83.30	51	P	P	12 50 52.2 +0.6
NVAR						
NVAR	Mina Array Bea	83.30	51	P	P	12 50 52.2 +0.6
NVAR						
BMN	Battle Mountai	83.32	49	eP	P	12 50 52.1 +0.5
BMN						
BMN	Battle Mountai	83.32	49	eP	P	12 50 52.1 +0.5
BMN						
BMN	Battle Mountai	83.32	49	eP	P	12 50 52.1 +0.5
BMN						
CHMT	Chamberlain Mo	83.37	42	eP	P	12 50 51.7 -0.1
CHMT						
CHMT	Chamberlain Mo	83.37	42	eP	P	12 50 51.7 -0.1
CHMT						
RCTC	Rector, Farmer	83.41	54	P	P	12 50 51.7 -0.2
RCTC						
RCTC	Rector, Farmer	83.41	54	P	P	12 50 51.7 -0.2
RCTC						
PBM	Mpherson Peak	83.49	55	P	P	12 50 52.8 +0.2
PBM						
PBM	Mpherson Peak	83.49	55	P	P	12 50 52.8 +0.2
PBM						
PBM	Mpherson Peak	83.49	55	P	P	12 50 52.8 +0.2
PBM						
SKM	Santa Barbara	83.74	56	P	P	12 50 54.3 +0.7
SKM						
SKM	Santa Barbara	83.74	56	P	P	12 50 54.3 +0.7
SKM						
TIN	Tinemaha, Big	83.88	53	P	P	12 50 54.8 +0.4
TIN						
TIN	Tinemaha, Big	83.88	53	P	P	12 50 54.8 +0.4
TIN						
SCZ2	Santa Cruz Isl	83.97	56	P	P	12 50 55.1 +0.2
SCZ2						
SCZ2	Santa Cruz Isl	83.97	56	P	P	12 50 55.1 +0.2
SCZ2						
HLID	Hailey	84.00	46	P	P	12 50 55.4 +0.5
HLID						
HLID	Hailey	84.00	46	P	P	12 50 55.4 +0.5
HLID						
HLID	Hailey	84.00	46	P	P	12 50 55.4 +0.5
HLID						
ARV	Arvin	84.16	55	P	P	12 50 55.1 +0.4
ARV						
ARV	Arvin	84.16	55			

29d 12h

Table with columns: ID, Name, baz, SNR, P, 90.32, 40, P, P, 12.51, 25.3, +0.3, etc.

2011 JAN

Table with columns: ID, Name, baz, SNR, P, 93.08, 42, P, P, 12.51, 37.4, -0.4, etc.

1510

Table with columns: ID, Name, baz, SNR, P, 96.00, 40, P, P, 12.51, 50.9, -0.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like W35A Tecumseh, P39A Salisbury, 133A Hamilton Ranch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LCO Las Campanas, LCO Las Campanas, LCO Las Campanas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAN Jan Mayen East, JAN Jan Mayen West, JAN Jan Mayen East, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HFS Hagfors, EKA Eskdalemuir, FIAO FINESS Array A, etc.

29d 14h

DDA 29 13:34:54.6, 41.17N, 43.98E, h7km, Md2.9
CSEM 29 13:34:55.2, 0.2, 41.15N, 43.99E, h2km, ML1.4, Error
ellipse: s-maj=3.9km s-min=2.5km az=153.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like KZR, KZRE, AKH, EAK, etc.

IDC 29 13:36:45.5, 2.0, 99N, 126.38E, h0km, mb3.2/3,
mb1 3.4/3, mb1mx3.2/36, mbtmp3.2/3, Error ellipse:
s-maj=186.5km s-min=27.7km az=65.0, Northern
Molucca Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like WRA, ASAR, MKAR, etc.

MEX 29 13:48:24.0, 5.1622N, 95.87W, h16km, 9km, MD3.8,
Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like HUIG, VHO, PCIG, etc.

MEX 29 14:01:17.8, 0.7, 15.62N, 96.79W, h20km, 326km, MD3.7,
Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like HUIG, VHO, TLIG, etc.

IDC 29 14:01:54.0, 2.0, 20.31S, 168.20E, h0km, mb3.6/4,
mb1 3.9/5, mb1mx3.7/27, mbtmp3.6/5, ML3.5/1, Error
ellipse: s-maj=74.1km s-min=30.3km az=145.0, Loyalty
Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like DZM, STKA, WRA, ASAR, NVAR, etc.

IDC 29 14:02:10.3, 0.8, 28.09N, 58.91E, h0km, mb4.0/14,
mb1 4.1/16, mb1mx3.8/60, mbtmp4.0/16, ML3.6/2, MS3.1/2,
s-min=17.2km az=98.0

THR 29 14:02:11.9, 0.6, 28.19N, 59.06E, h14km, 10km, ML3.8
ISCJB 29 14:02:12.3, 0.3, 28.22N, 0.04, 59.13E, 0.04, h10km,
mb4.0/15, MS3.2/1, Error ellipse: s-maj=6.7km
s-min=4.6km az=151.8

TEH 29 14:02:14.3, 28.23N, 59.19E, h16km, ML4.1
CSEM 29 14:02:15.1, 0.5, 28.16N, 59.09E, h20km, ML4.1, Ms4.1,
Error ellipse: s-maj=133km s-min=8.3km az=87.0

DSN 29 14:02:15.2, 0.6, 28.23N, 58.90E, h15km, mb3.8, ML4.6/2,
Ms4.1/1, Error ellipse: s-maj=36.6km s-min=4.7km
az=134.0

BUJ 29 14:02:15.4, 28.30N, 58.90E, h10km, mb4.2, 9m, Ms4.0/1,
Ms7.3/9/1

ISC 29 14:02:12.7, 0.6, 28.16N, 0.04, 59.07E, 0.03, h10km, n65,
a=146/66, mb4.0/15, 3C-8D, Southern Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like NIAN, ZHFS, CHMN, etc.

2011 JAN

KRBR Kerman 2.71 312 ePn Pn 14 02 57.4 +0.8
KRBR Kerman 2.71 312 ePn Pn 14 02 57.4 +0.8
KRBR Kerman 2.71 312 eSg Sb 14 03 36.2 +1.3

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like TVBK, CHBR, KHGB, etc.

IPAR Pars 5.53 289j ePn Pn 14 03 37.2 +1.9
IPAR Pars 5.53 289j ePn Pn 14 03 37.2 +1.9

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like ICHK, IKAZ, IKAZ, etc.

IPAY Payeh 8.26 360j ePn Pn 14 04 14.8 +2.0
IPAY Payeh 8.26 360j ePn Pn 14 04 14.8 +2.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like KOLN, DANN, AKTO, etc.

RAMM Ramate 24.43 86 eP P 14 07 32.8 +0.9
MKAR Makanchi Array 26.02 38 P P 14 07 40.7 +1.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like BVAR, ZALV, GTA, etc.

FINES FINESS Array B 39.86 336 P P 14 09 45.3 -0.8
GINES GERESS Array B 40.93 313 P P 14 09 48.4 -2.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like SONMI, ARCES, SPITS, etc.

ISCJB 29 14:14:56.9, 2.8, 8.93S, 124.06E, h75km, 27km, mb3.9/7,
mb1 4.1/10, mb1mx3.9/27, mbtmp4.3/10, MS3.0/5,
Ms1 3.0/5, ms1mx2.8/31, Error ellipse: s-maj=43.1km
s-min=14.3km az=63.0

NEIC 29 14:14:58.0, 0.9, 8.96S, 124.06E, h90km, 9km, mb4.3/5,
Error ellipse: s-maj=222km s-min=7.9km az=52.0

DJA 29 14:15:01.8, 0.8, 9.5S, 124.4E, h22km, 15km, Ms4.5/4,
mb4.9/2, mb4.9/2, ML4.3/4, Mw(MB)J4.2/2

ISC 29 14:14:56.8, 0.6, 8.82S, 0.07, 124.11E, 0.07, h74km, n40,
a=1945/40, mb4.3/11, Timor region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like SOEI, MMRI, WSI, etc.

1512

WRAB Tennant Creek 14.83 139 ePn Pn 14 18 15.7 -7.0
ASAR Alice Springs 17.48 149 eSg Sn 14 20 53.7 -12
ASAR Alice Springs 17.48 149 P Sn 14 18 55.2 -0.7

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like ASAR, COEN, BBOO, etc.

ISCJB 29 14:23:33.3, 1.0, 4.0, 98N, 0.04, 33.12E, 0.05, h4km, 7km,
Error ellipse: s-maj=7.9km s-min=5.7km az=152.6

CSEM 29 14:23:33.9, 0.3, 4.0, 96N, 0.33, 14E, h8km, MD2.8, Error
ellipse: s-maj=6.4km s-min=4.2km az=157.0

DDA 29 14:23:34.2, 0.9, 94N, 33.22E, h7km, MD2.8
ISK 29 14:23:34.2, 0.9, 90N, 33.11E, h16km, MD2.6

ISC 29 14:23:39.1, 2.0, 96N, 0.04, 33.15E, 0.04, h12km, 9km,
n25, a=53/36, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like ILGA, ILGA, CANT, etc.

IDC 29 14:34:50.7, 5.1, 37.00N, 69.68E, h0km, mb4.0/1,
mb1 3.9/5, mb1mx3.4/46, mbtmp3.7/8, ML3.6/6, MS3.1/2,
Ms1 3.1/2, ms1mx2.5/50, Error ellipse: s-maj=75.4km
s-min=21.3km az=165.0

ISCJB 29 14:34:57.0, 0.7, 37.65N, 0.04, 69.31E, 0.08, h27km,
mb3.9/1, MS3.3/1, Error ellipse: s-maj=8.7km s-min=6.2km
az=168.7

NINC 29 14:35:02.3, 3.6, 38.27N, 69.04E, h0km, mb3.9, mpv3.4,
Error ellipse: s-maj=32.1km s-min=16.8km az=167.1

ISC 29 14:34:58.6, 0.9, 37.7N, 0.08, 69.31E, 0.08, h27km, n30,
a=208/31, 4C-5D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like MNAS, MNAS, AML, etc.

29d 17h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

ICD 29 14:58:02.8:0.5,5:67S:103:38E,h0km,mb4.3/21, mb1 4.4/22,mb1mx4.2/56,mbtmp4.3/22,ML4.3/1,MS3.5/6, Ms1 3.5/6,ms1mx3.1/37, Error ellipse: s-maj=28.2km s-min=11.2km az=45.0

NEIC 29 14:58:09.0:0.5,5:65S:103:45E,h35km,mb4.4/8, Error ellipse: s-maj=15.4km s-min=4.8km az=220.0

DJA 29 14:58:07.0:0.6,6:53S:103:38E,h10km,ML4.6/7,ML4.5/7

ISJC 29 14:58:08.9:1.0,5:87S:0:07:103:42E:0:07,h73km,7km, mb4.3/29, Error ellipse: s-maj=15.5km s-min=5.6km az=135.1

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

2011 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

ICD 29 15:02:00.9:1.4,20:51S:168:50E,h0km,mb4.0/9, mb1 4.2/11,mb1mx4.0/30,mbtmp4.0/11,ML3.9/2,MS3.3/4, Ms1 3.3/4,ms1mx3.0/24, Error ellipse: s-maj=47.6km s-min=19.6km az=141.0

ISJC 29 15:02:05.0:1.1,20:55S:0:1x168:3E:0:2,h26km,n14, r1925/13,mb4.0/9,MS3.3/3,Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

ICD 29 15:20:46.5:2.0,20:88S:168:78E,h0km,mb3.6/5, mb1 3.9/6,mb1mx3.7/23,mbtmp3.6/6,ML3.1/1,MS2.8/2, Ms1 2.8/2,ms1mx2.5/24, Error ellipse: s-maj=114.4km s-min=25.7km az=149.0

ISJC 29 15:20:48.9:1.8,20:95S:0:4:168:7E:0:3,h25km,mb3.5/5, MS3.2/1, Error ellipse: s-maj=76.3km s-min=11.2km az=144.5

ICD 29 15:20:49.9:2.1,21:05S:0:5:168:8E:0:4,h25km,n8, r0599/8,mb3.6/5,Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

JMA 29 15:40:35.0:1.0,4:31:40N:142:96E,h13km,M4.0, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

NNC 29 16:12:29.4:5.7,44:24N:76:09E,h0km,mb2.7,mpv2.5, Error ellipse: s-maj=48.6km s-min=27.9km az=146.0

KRNET 29 16:12:31.0:1.1,41:31N:76:69E,h17km,mb2.0

SOME 29 16:12:32.0:4.1,90N:76:75E,h5km

ICD 29 16:12:31.5:1.3,41:30N:0:04:76:70E:0:02,h4km,10km, n37,r0579/7,27C-11D,Kyrgyzstan-Xinjiang border

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

1514

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

ICD 29 16:37:31.3:1.5,13:49N:120:74E,h0km,mb3.4/4, mb1 3.7/4,mb1mx3.4/43,mbtmp3.4/4, Error ellipse: s-maj=64.1km s-min=23.5km az=58.0

ISJC 29 16:37:39.6:1.0,13:74N:0:08:121:0E:0:2,h100km, mb3.4/4, Error ellipse: s-maj=29.1km s-min=1.9km az=177.0

ICD 29 16:37:39.9:1.4,13:38N:0:1:121:0E:0:2,h100km,n5, r273/4,mb3.3/4,1D,Mindoro

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

ECX 29 17:09:53.6:0.4,31:91N:117:31W,h4km,MD2.8,ML2.9

MLX 29 17:09:54.2:1.0,32:13N:117:52W,h20km,21km,MD3.8

ICD 29 17:09:50.7:3.4,31:91N:0:06:117:40W:0:2,h9km,16km, n11,r0396/18,D,Off west coast of Baja California

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

FUNV 29 17:23:30.8,10:30N:69:19W,h3km,MW1.8,Venezuela

Main data table containing station names, frequencies, and coordinates. Includes stations like MYKA Terra Mystica, MYKA Terra Mystica, MYKA Terra Mystica, etc.

29d 18h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Makanchi Array, Urumqi, Tiksi, etc.

MAN 29 17:55:16.951N:122:30E, h30km, mb4.3, ML3.1, MS2.9, 2D, Negros

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Jordan, Tagbilaran, Cuyo Island, etc.

ISCJB 29 18:00:58.3:0.3, 19:50N:103:109:23W:0:02, h10km, mb4.4/51, MS3.9/20, Error ellipse: s-maj=4.2km

IDC 29 18:00:58.9:0.8, 19:71N:109:38W, h0km, mb4.0/11, mb1.4/3:16, mb1mx4.1/46, mbtpm4.1/16, ML3.8/4, MS3.9/22, Ms1.4/0:22, ms1mx3.9/31, Error ellipse: s-maj=19.0km

MEX 29 18:01:00.7:0.6, 19:71N:109:26W, h11km, mb4.0, MD4.3

NEIC 29 18:01:02.0:0.5, 19:68N:109:18W, h10km, mb4.5/90, MD4.3(MEX), Error ellipse: s-maj=8.4km s-min=4.8km

GCMT 29 18:01:02.0:0.4, 19:84N:109:26W, h21km, 1km, MW5.0/89, Moment Tensor Solution, s27, c29, s89, c121, Duration: 0

ISC 29 18:01:00.6:0.5, 19:62N:106:109:32W:0:04, h10km, mb7.5, s1941/338, mb4.5/51, MS3.9/20, Revilla Gagedo Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Socorro T-PHAS, Sierra La Lagu, etc.

2011 JAN

Main table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like Organ Pipe Nat, Benavides, TUC, etc.

1518

Table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like Wichita Mounta, Manual Prospec, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Status. Includes stations like T35A Sooner Cattle, CMB Columbia Colle, DUG Dugway, Tooele, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Status. Includes stations like P40A Paris, YBH Yreka Blue Hor, RSSD Black Hills, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Type, and Status. Includes stations like WMQ WMO, WMO WMO, WMO WMO, etc.

29d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like MJAR Matushiro Arr, ILAR Eielson Array, MKAR Makanchi Array, etc.

DDA 29:18:27.33.8, 38:19N:37.17E, h7km, Md2.9
ISK 29:18:27.33.9, 38:28N:37.11E, h8km, MD2.7
CSEM 29:18:27.34.1, 0.2, 38:21N:37.15E, h2km, MD2.7, Error
ellipse: s-maj=4.7km s-min=4.6km az=39.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like DARE Darende-Malaty, GURIN Gurin_S'VAS, AKCAD Akcadag, etc.

ISC/CB 29:18:33.42.6, 0.6, 70:98N:0.06:7.4W:0.2, h16km, Error
ellipse: s-maj=13.2km s-min=4.1km az=36.9
CSEM 29:18:33.44.9, 0.3, 70:80N:6.75W, h10km, ML3.5, Error
ellipse: s-maj=20.0km s-min=5.4km az=128.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like JMJC Jan Mayen, ILEI Leirhoifn, IGIL Gilhagi, etc.

2011 JAN

Table with columns: FIAO FINESSE Array S, 16.24 109 P, Pn, 18 37 32.7 -0.3. Includes station details and error ellipse information.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like KHN Khani, YKLR Yuktal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like DARE Darende-Malaty, GURIN Gurin_S'VAS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like JMJC Jan Mayen, ILEI Leirhoifn, IGIL Gilhagi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like NIAN Nian, IBND Bandar-abas, etc.

1520

Table with columns: JMK Ichinoseki, 7.45 352 eS, Sn, 19 16 05.8 -0.7. Includes station details and error ellipse information.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like CBJ Chichijima, JCH Chichijima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like DARE Darende-Malaty, GURIN Gurin_S'VAS, etc.

ISC/CB 29:19:43.47.2, 0.5, 29:20N:0.03:56.32E:0.07, h10km, Error
ellipse: s-maj=9.4km s-min=4.7km az=173.6
DSN 29:19:43.47.2, 1.3, 28:17N:56.75E, h15km, mb3.1/6, ML4.2/3, Error
ellipse: s-maj=64.8km s-min=11.7km az=106.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, Res ISC. Includes stations like NIAN Nian, IBND Bandar-abas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Panska Ves, Bergliushubel, Kralky, Prague, etc.

GUC 29 22:56:53.8-0.5,34.47S:71.95W,h20km,ML3.5,4C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Pichilemu, Longovilio, Chadas Angostu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H10S2 ASCENSION HYDR48.61, H10S3 ASCENSION HYDR48.61, etc.

IDC 29 23:09:02.0,2.5,56.91S:25.06W,h0km,mb4.3/3, mb1.4,3/8,mb1mx3.9/19,mbtmp4.3/3, Error ellipse: s-maj=87.6km s-min=57.0km az=180.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TRIS Tristan da Cun, CPUI Villa Florida, LVC Limon Verde, etc.

IDC 29 23:29:31.9-4.5,35.78N:71.45E,h73km,30km,mb3.6/12, mb1.3/7.18,mb1mx3.4/65,mbtmp3.9/18,MS3.3/1, Ms1.3/3.1,ms1mx2.5/50, Error ellipse: s-maj=44.5km s-min=20.1km az=155.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AML Alamyashu, UCH Uchtor, KZA Kyzart, etc.

IDC 29 23:01:19.3-0.6,56.95S:25.05W,h0km,mb4.2/8, mb1.4,3/8,mb1mx4.1/19,mbtmp4.2/8, Error ellipse: s-maj=27.2km s-min=17.0km az=43.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HOPE Hope Point, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAMN Ramite, TAPN Tapeljung, ODAN Odare, etc.

CSEM 29 23:36:33.9-1.2,28.14N:59.32E,h10km,ML3.3, Error ellipse: s-maj=33.5km s-min=10.5km az=149.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZHFS Zahedan, IBND Bandar-abas, IBND Bandar-abas, etc.

MAN 29 23:37:34.1593N:122.05E,h29km,mb3.9,ML2.6,MS2.2, 1C, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BALP Baler, PCPH Palayan, CAUP Cauayan, etc.

30d Oh

Table with columns: Station Name, Time, Res, Azimuth, Elevation, etc. Includes stations like MTSU Mount Surprise, HNR Honiara, CTA Charters Tower, etc.

2011 JAN

Table with columns: Station Name, Time, Res, Azimuth, Elevation, etc. Includes stations like LZH LZH, LZH comp=Z,23nm,1.4s, LZH comp=N,370nm,14.7s, etc.

1524

Table with columns: Station Name, Time, Res, Azimuth, Elevation, etc. Includes stations like YUS baz=253, SMLT Sun Moon Lake, TYC Yuchr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PMG Port Moresby, STEPHS Stephens Creek, RAR Rarotonga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BKZ Aropoanui, ARHZ Aropoanui, MOHZ McNeill Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like LPAZ La Paz, SAML Samuel, KMBO Kibina Mbogo, etc.

ISCJB 30 00:34:24.7,0.5,0.28N:0.06:121.93E:0.05,h192km,4km, mb3.7/7, Error ellipse: s-maj=10.5km s-min=7.8km

DJA 30 00:34:26.0,0.5,0.0N:4.12'E, h174km,5km, M3.7/9, MLV3.7/9

IDC 30 00:34:29.9,4.0,0.03N:121.64E, h231km,41km, mb3.4/5, mb1.3/6.7, mb1mx3/2.43, mbtmp4/0.7, Error ellipse: s-maj=69.2km s-min=14.4km az=61.0

ISC 30 00:34:25.4,0.8,0.28N:107.1219E:0.05,h187km,6km, n18,-0.83/24, mb3.8/5, Minahas Peninsula, Sulawesi

GUC 30 00:57.38,7.0,6.212S:67.68W, h204km,11km, ML3.5, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PB01 IPOC Station P, PB01 IPOC Station P, etc.

IDC 30 01:03:35.8,0.7,49.37S:10.48W, h0km, mb4.3/14, mb1.4/14, mb1mx4.3/26, mbtmp4.3/14, MS4.3/16, mb1.4/3.16, ms1mx4.1/21, Error ellipse: s-maj=24.3km s-min=15.0km az=170.0

ISC 30 01:03:37.8,0.4,49.20S:0.07:10.9W:0.1, h10km, mb4.6/24, MS4.4/18, Error ellipse: s-maj=10.9km s-min=10.5km az=30.8

NEIC 30 01:03:38.6,0.2,49.32S:10.74W, h10km, mb4.9/17, Error ellipse: s-maj=11.6km s-min=9.1km az=166.0

GCMT 30 01:03:38.6,0.2,49.64S:10.59W, h13km,1km, MW5.0/90, Moment Tensor Solution: s38,c46; s90,c134; Duration: 0 Moment tensor: Scale 10^19Nm; Mir-3,70:23; Msh 1.16; 1.7; Mw2.54; 1.5; Mb-1.20; 4.7; Mw2.92; 1.1; Mw-0.57; 3.5; Best double couple: M4.49900:1016 NP1=49.00000; S54.00000; A-76.00000; NP2: q=206.00000; s38.00000; A-109.00000; Principal axes: T 5.0150, P168.0000; Azm129.0000; N -1.0320, Plg11.0000; Azm221.0000; P -3.9830, Plg76.0000; Azm5.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 30 01:03:39.0,0.4,49.31S:0.09:10.86W:0.07, h10km, n102, c120/102, mb4.6/24, MS4.4/18, 1D, Southwestern Atlantic Ocean

ISC 30 00:44:23.1,1.1,4.38N:73.65W, h5km,9km, ML2.2, 1D, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MRSI Marisa, GTOI Gorontalo, AFSI Ampana, etc.

IDC 30 00:44:29.5,6.34,53S:179.22E, h173km,43km, mb3.6/3, mb1.3/7.4, mb1mx3/5.22, mbtmp4.1/4, Error ellipse: s-maj=63.0km s-min=25.2km az=32.0

ISCJB 30 00:45:01.7,0.9,3.4,67S:0.05:177.7E:0.1, h150km, mb3.9/3, Error ellipse: s-maj=12.0km s-min=7.6km az=177.2

ISC 30 00:45:03.1,3.1,34.70S:0.09:177.9E:0.1, h150km, n48, c1560/56, mb3.9/3, North of New Zealand

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MXZ Matakoia Point, MXZ Matakoia Point, etc.

ISC 30 01:03:38.6,0.2,49.32S:10.74W, h10km, mb4.9/17, Error ellipse: s-maj=11.6km s-min=9.1km az=166.0

ISC 30 01:03:38.6,0.2,49.64S:10.59W, h13km,1km, MW5.0/90, Moment Tensor Solution: s38,c46; s90,c134; Duration: 0 Moment tensor: Scale 10^19Nm; Mir-3,70:23; Msh 1.16; 1.7; Mw2.54; 1.5; Mb-1.20; 4.7; Mw2.92; 1.1; Mw-0.57; 3.5; Best double couple: M4.49900:1016 NP1=49.00000; S54.00000; A-76.00000; NP2: q=206.00000; s38.00000; A-109.00000; Principal axes: T 5.0150, P168.0000; Azm129.0000; N -1.0320, Plg11.0000; Azm221.0000; P -3.9830, Plg76.0000; Azm5.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 30 01:03:39.0,0.4,49.31S:0.09:10.86W:0.07, h10km, n102, c120/102, mb4.6/24, MS4.4/18, 1D, Southwestern Atlantic Ocean

ISC 30 00:44:23.1,1.1,4.38N:73.65W, h5km,9km, ML2.2, 1D, Colombia

IDC 30 00:44:29.5,6.34,53S:179.22E, h173km,43km, mb3.6/3, mb1.3/7.4, mb1mx3/5.22, mbtmp4.1/4, Error ellipse: s-maj=63.0km s-min=25.2km az=32.0

ISCJB 30 00:45:01.7,0.9,3.4,67S:0.05:177.7E:0.1, h150km, mb3.9/3, Error ellipse: s-maj=12.0km s-min=7.6km az=177.2

ISC 30 00:45:03.1,3.1,34.70S:0.09:177.9E:0.1, h150km, n48, c1560/56, mb3.9/3, North of New Zealand

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like VNA2 Neumayer-Watz, VNA3 Neumayer Olymp, SNA4 Sanae, etc.

ISC 30 01:07:10.3,2.2,15.64S:177.70W, h399km,29km, mb3.5/8, mb1.3/8.9, mb1mx3.5/27, mbtmp4.2/9.0, Error ellipse: s-maj=79.9km s-min=13.1km az=151.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ELK Eiko, CD2 Chengdu, CD2 Chengdu, etc.

ISC 30 01:07:10.3,2.2,15.64S:177.70W, h399km,29km, mb3.5/8, mb1.3/8.9, mb1mx3.5/27, mbtmp4.2/9.0, Error ellipse: s-maj=79.9km s-min=13.1km az=151.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AFI Afiamalu, STKA Stephens Creek, WRA Warramunga Arr, etc.

Table with columns: YKA, Station Name, Time, Res, etc. Includes stations like Yellowknife Ar, ARCES ARCES Array B, BRTR Keskin Array B, etc.

DHMR 30 01:28:30.8±1.6, 12.04N, 44.01E, h15km±14km, ML3.6, Western Arabian Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Aden, Udayn, Al Udayn, etc.

DJA 30 01:31:11.6±0.7, 9°S, 4°E, h10km, M4.4/5, MLv4.4/5, Jawa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Cimerak, Cisompet, Gunung Strandil, etc.

IDC 30 01:33:02.0±5.8, 21°32'S, 179°18'W, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.5/40, mbtmp3.6/2, MS3.4/2, Ms1 3.4/2, ms1mx2.9/32, Error ellipse: s-maj=291.1km s-min=57.5km az=151.0, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

DHMR 30 01:33:54.9±1.4, 11°32'N, 44°02'E, h13km±12km, ML4.2, Western Gulf of Aden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Aden, Udayn, Al Udayn, etc.

NIED 30 01:34:00.27±0.00N, 126°70'E, h38km, Mw4.3 Best double couple: M=2.96000±0.195, NP1=31.78, 0.0000±0.84, 0.0000±1.47, 0.0000±0.192, NP2=293.0000±0.68, 0.0000±1.51, 0.0000±0.1

JMA 30 01:34:53.8±0.3, 27°02'N, 126°73'E, h15km, mb4, M3.8
NEIC 30 01:34:54.0±0.4, 27°06'N, 126°81'E, h10km, mb3, I73, Error ellipse: s-maj=8.8km s-min=6.4km az=138.0

IDC 30 01:34:53.4±2.6, 26°30'N, 126°51'E, h0km, mb3.9/7, mb1 4.0/7, mb1mx3.6/62, mbtmp3.9/7, MS3.0/2, Ms1 3.0/2, ms1mx2.6/55, Error ellipse: s-maj=148.0km s-min=16.5km az=66.0

ISC/JB 30 01:34:54.0±1.0, 27°04'N, 0°05'126°73'E, h21km, gkm, mb3.9/10, MS3.2/1, Error ellipse: s-maj=8.8km

ISC 30 01:34:53.8±1.6, 27°05'N, 0°06'126°79E, 0.05, h11km±11km, n29, c076/34, mb4.0/10, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like JAGN Aguni-jima, JKE Kume jima, etc.

MEX 30 01:34:57.1±0.5, 15.78N, 95.73W, h35km, gkm, MD3.8, Near coast of Oaxaca

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like HUIG Huatulco, HUIG Puerto Angel, etc.

DHMR 30 01:43:39.9±1.3, 11°92'N, 44°02'E, h14km±17km, ML3.9, Western Gulf of Aden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Aden, Udayn, Al Udayn, etc.

IDC 30 01:45:44.9±9.9, 18°52'N, 108°44'W, h0km, mb3.3/3, mb1 3.8/4, mb1mx3.5/40, mbtmp3.3/4, ML3.3/1, MS3.4/9, Ms1 3.4/9, ms1mx3.3/20, Error ellipse: s-maj=169.2km s-min=25.4km az=149.0

ISC/JB 30 01:45:55.2±2.9, 19°3'N, 0°3'109°1'W, 0.2, h33km, mb3.2/2, MS3.5/5, Error ellipse: s-maj=49.3km s-min=7.1km az=144.4

ISC 30 01:45:57.3±4.3, 19°4'N, 0°5'109°2'W, 0.4, h35km, n15, c071/9, MS3.4/5, Revilla Gigedo Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like H06E1 SOCORRO T-PHAS, H06E1 Lajas Array, etc.

MEX 30 01:54:50.4±0.7, 17°52'N, 94°58'W, h156km±12km, MD3.8, Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TGIG, VHO Vista Hermosa, etc.

NIED 30 01:56:00.30±0.00N, 142°30'E, h5km, Mw4.6 Best double couple: M=9.87000±0.195, NP1=31.185, 0.0000±3.25, 0.0000±1.28, 0.0000±0.192, NP2=324.0000±0.74, 0.0000±1.74, 0.0000±0.1

IDC 30 01:56:09.7±0.5, 30°71'N, 142°06'E, h0km, mb4.4/24, mb1 4.1/28, mb1mx4.5/42, mbtmp4.4/28, ML4.0/2, MS3.7/10, Ms1 3.7/10, ms1mx3.4/53, Error ellipse: s-maj=15.8km s-min=13.3km az=86.0

BUI 30 01:56:10.5, 30°70'N, 142°04'E, h22km, mb4.6/51, MB5.0/45, Ms4.4/38, Ms7.4/2/37

JMA 30 01:56:11.0±0.2, 30°80'N, 142°33'E, h37km, M4.5

ISC/JB 30 01:56:12.0±0.2, 30°73'N, 0°02'141°90'E, 0.03, h23km, mb4.7/106, MS4.0/14, Error ellipse: s-maj=4.0km s-min=2.8km az=167.7

MOS 30 01:56:13.1±1.0, 30°75'N, 141°99'E, h33km, mb5.0/40, Error ellipse: s-maj=9.9km s-min=4.6km az=115.2

NEIC 30 01:56:14.7±1.5, 30°71'N, 141°92'E, h29km, 10km, mb4.8/59, Error ellipse: s-maj=4.8km s-min=3.8km az=116.0

ISC 30 01:56:13.8±0.3, 30°76'N, 0°04'141°93'E, 0.04, h23km, n250, c139/277, mb4.7/106, MS4.1/15, 20C-12D, Southeast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like JHCJ Hachiojimakas, JHJ Hachiojima 2, etc.

Table with columns: Station Name, Time, Res, etc. Includes stations like MJAR, MAJO Matsuhiro, MAJO Matushiro, etc.

1529

ZAK	comp=Z,6.0nm,1.2s		pmax	pmax		
TLY	Talaya	51.35 328	eP	P	02 13 53.5 +0.3	
TLY	comp=Z,16nm,1.0s		pmax	pmax		
TLY	Talaya	51.35 328	P	P	02 13 53.5 +0.3	
TLY	comp=Z,82nm,0.8s,SNR=9.9					
TLY	Talaya	51.35 328	eP	P	02 13 53.1 0.0	
MOY	comp=Z,12nm,0.9s					
LSA	Lhasa	52.74 326	eP	P	02 14 06.3 +2.6	
LSA	comp=Z,14nm,0.7s		pmax	pmax		
LSA	Lhasa	53.12 297	P	P	02 14 09.0 +1.7	
LSA	comp=Z,14nm,0.8s		pmax	pmax		
LSA	Lhasa	53.12 297	eP	P	02 14 08.9 +1.7	
HON	comp=Z,14nm,0.7s					
HON	Honolulu	54.03 73	eP	P	02 14 13.3 -0.2	
HON	comp=Z,156nm,1.1s		pmax	pmax		
HON	Honolulu	54.03 73	eP	P	02 14 13.3 -0.2	
HON	comp=Z,156nm,1.1s					
TAPN	Tablejung	55.97 294	eP	P	02 14 28.9 +1.2	
HPAH	Hawaii Prepara	56.22 75	eP	P	02 14 29.7 +0.3	
HPAH	comp=Z,199nm,1.7s					
ODAN	Odare	56.23 294	eP	P	02 14 29.8 +0.2	
HPO	Honupou	56.41 76	eP	P	02 14 30.8 +0.2	
RAMN	Ramite	56.94 294	eP	P	02 14 35.0 +0.4	
GUN	Gumba	57.61 295	eP	P	02 14 40.3 +0.8	
GUN	comp=Z,57nm,0.8s					
PKIN	Phulchoki	58.03 294	eP	P	02 14 42.4 +0.1	
KKK	Kakani	58.14 295	eP	P	02 14 43.2 +0.2	
WMQ	Urumqi	58.23 314	P	P	02 14 45.0 +1.8	
WMQ	comp=Z,15nm,0.8s		pP	pP	02 15 01.0 +1.7	
WMQ	comp=Z,15nm,0.8s		sP	sP	02 15 09.0 +2.8	
WMQ	comp=Z,15nm,0.8s		S	S	02 22 44.0 +3.3	
WMQ	comp=Z,25nm,1.0s		pmax	pmax		
WMQ	comp=Z,190nm,1.5s					
WMQ	comp=Z,95nm,16.0s		LR	LR		
WMQ	comp=Z,90nm,15.0s		LR	LR		
WMQ	comp=Z,90nm,15.0s		LR	LR		
DMN	comp=Z,150nm,16.0s					
DMN	Daman	58.29 294	eP	P	02 14 43.7 -0.4	
GAMB	comp=Z,23nm,0.6s					
GAMB	Gambell	58.65 21	eP	P	02 14 46.3 +0.7	
KRAR	Krasnoyarsk	59.02 328	iP	P	02 14 49.2 +0.9	
KRAR	comp=Z,11nm,0.9s		pmax	pmax		
DANN	Dangsing	59.49 295	eP	P	02 14 52.6 +0.1	
TIXI	Tiksi	59.49 354	iP	P	02 14 50.1 -1.2	
TIXI	comp=Z,4.0nm,1.0s		pmax	pmax		
TIXI	Tiksi	59.49 354	eP	P	02 14 49.9 -1.4	
KOLN	Koldanda	59.62 295	eP	P	02 14 53.3 +0.3	
TIN	Tin City	61.03 20	eP	P	02 15 02.3 +0.3	
KTLA	comp=Z,8.0nm,0.9s					
MK01	Makanchi Array	62.56 316	eP	P	02 15 13.3 +0.7	
MK31	Makanchi Array	62.57 316	eP	P	02 15 13.6 +0.9	
MK31	Makanchi Array	62.57 316	eP	P	02 15 13.6 +0.9	
MKAR	Makanchi Array	62.57 316	eP	P	02 15 13.6 +0.9	
ZAA0	Zalesovo Array	62.65 324	eP	P	02 15 13.2 +0.2	
ZALV	Zalesovo Beam	62.65 324	eP	P	02 15 13.1 +0.1	
NVS	comp=Z,7.0nm,0.8s,baz=106,slow=6.0,SNR=26					
NVS	Novosibirsk	63.78 325	iP	P	02 15 21.9 +1.4	
NVS	comp=Z,22nm,0.9s		pmax	pmax		
NVS	comp=N,10.0nm,1.3s		pmax	pmax		
NVS	comp=Z,21nm,1.4s					
HYB	Hyderabad	64.82 283	iP	P	02 15 29.0 +1.0	
KURK	Kurchatov	65.64 320	eP	P	02 15 32.9 +0.2	
KURK	comp=Z,72nm,1.0s		pmax	pmax		
KURK	Kurchatov	65.64 320	P	P	02 15 33.4 +0.7	
KURK	comp=Z,420nm,1.0s,SNR=39					
KURK	Kurchatov	65.64 320	eP	P	02 15 32.9 +0.2	
PPLA	Purkypile	65.86 26	eP	P	02 15 34.6 +0.6	
CAST	Castle Rocks	66.08 26	eP	P	02 15 35.6 +0.3	
CAST	comp=Z,69nm,0.9s					
CHUM	Lake Minchumir	66.14 25	eP	P	02 15 36.7 +1.1	
KSH	Kashi	66.36 308	P	P	02 15 41.3 +3.6	
KSH	comp=Z,14nm,0.9s		eP	eP	02 16 00.8 -6.3	
KSH	comp=Z,14nm,0.9s		sS	sS	02 18 12.9 +8.5	
KSH	comp=Z,14nm,0.9s		eS	eS	02 24 24.8 +1.6	
KSH	comp=Z,14nm,0.9s		eS	eS	02 24 52.3 +1.3	
KSH	comp=Z,17nm,1.1s		pmax	pmax		
KSH	comp=Z,94nm,4.2s		pmax	pmax		
KSH	comp=Z,200nm,6.2s		LR	LR		
KSH	comp=Z,130nm,6.2s		LR	LR		
KSH	comp=Z,200nm,8.2s		LR	LR		
KTH	Kantishna Hill	66.61 26	eP	P	02 15 38.9 +0.1	
BPAW	Bear Paw Mtn.	66.76 25	eP	P	02 15 39.5 -0.1	
BPAW	comp=Z,3.7nm,1.0s					
PMR	Palmer	66.82 28	eP	P	02 15 39.7 -0.3	
PMR	comp=Z,17nm,0.9s		pmax	pmax		
PMR	Palmer	66.82 28	eP	P	02 15 39.7 -0.3	
TKM2	Tokmak 2	66.82 311	eP	P	02 15 42.0 +1.3	
TKM2	comp=Z,14nm,0.8s		pmax	pmax		
TKM2	Tokmak 2	66.82 311	P	P	02 15 41.8 +1.1	
TKM2	SNR=19					
TKM2	Tokmak 2	66.82 311	eP	P	02 15 42.0 +1.3	
TRF	Thorofore Moun	66.85 26	eP	P	02 15 41.5 +1.1	
NRK1	Noril'sk	66.98 341	P	P	02 15 40.8 -0.1	
NRK1	comp=Z,31nm,0.9s,baz=96,slow=7.7,SNR=38					
KZA	Kyzart	67.03 310	P	P	02 15 44.5 +2.3	
MLY	Manley	67.17 24	eP	P	02 15 42.4 +0.2	
SML	Sawmill	67.24 28	eP	P	02 15 42.5 -0.3	
SML	comp=Z,35nm,0.9s		pmax	pmax		
SML	Sawmill	67.24 28	eP	P	02 15 42.5 -0.3	
KBK	Karagaybulak	67.28 311	P	P	02 15 44.7 +1.1	
KBK	SNR=16					
CHMS	Chumysh	67.44 311	P	P	02 15 45.6 +1.2	
RND	Reindeer	67.45 26	eP	P	02 15 43.6 -0.5	
RND	comp=Z,10.0nm,0.8s		pmax	pmax		
RND	Reindeer	67.45 26	eP	P	02 15 43.6 -0.5	
MCK	McKinley	67.51 26	eP	P	02 15 45.4 +1.0	
MCK	comp=Z,9.0nm,1.0s		pmax	pmax		
MCK	McKinley	67.51 26	eP	P	02 15 45.4 +1.0	
FRU	Frukt	67.53 311	eP	P	02 15 45.0 0.0	
UCH	Uchter	67.58 310	P	P	02 15 47.2 +1.4	
UCH	SNR=22					
AAK	Ala-Archa	67.61 311	iP	P	02 15 46.7 +1.0	
AAK	comp=Z,18nm,1.0s		pmax	pmax		
AAK	Ala-Archa	67.61 311	P	P	02 15 46.5 +0.8	
AAK	comp=Z,60nm,1.0s,SNR=6.1					
AAK	Ala-Archa	67.61 311	P	P	02 15 47.0 +1.3	
AAK	SNR=7.9					
AAK	Ala-Archa	67.61 311	eP	P	02 15 46.8 +1.1	

2011 JAN

USP	comp=Z,12nm,1.1s					
USP	Osprey	67.64 312	P	P	02 15 46.3 +0.6	
SCM	Sheep Creek Mo	67.71 28	eP	pmax	02 15 46.3 +0.5	
SCM	comp=Z,42nm,1.0s					
SCM	Sheep Creek Mo	67.71 28	eP	P	02 15 46.3 +0.5	
DHY	Denali Highway	68.01 27	eP	P	02 15 47.7 0.0	
WRH	Wood River Hill	68.08 25	eP	P	02 15 47.5 -0.5	
COLD	Coldfoot	68.10 22	eP	P	02 15 49.0 +1.0	
EKS2	Erkin-Say	68.14 311	eP	P	02 15 49.9 +1.0	
EKS2	comp=Z,11nm,1.0s		pmax	pmax		
EKS2	Erkin-Say	68.14 311	P	P	02 15 49.9 +1.0	
EKS2	SNR=12					
EKS2	Erkin-Say	68.14 311	eP	P	02 15 49.9 +1.0	
MDM	Murphy Dome	68.16 25	eP	P	02 15 48.5 0.0	
MDM	comp=Z,15nm,0.8s					
AML	Almayashu	68.19 310	P	P	02 15 51.0 +1.4	
CCB	Clear Creek Bu	68.25 25	eP	P	02 15 48.3 -0.6	
CCB	SNR=22					
DIV	Divide	68.27 29	eP	P	02 15 50.3 +1.0	
KLU	Klutina	68.28 29	eP	P	02 15 50.1 +0.8	
COLA	College	68.29 25	iP	P	02 15 50.1 +0.9	
COLA	comp=Z,11nm,0.9s		pmax	pmax		
COLA	College	68.29 25	eP	P	02 15 48.8 -0.4	
COLA	comp=Z,14nm,0.8s					
IL1	Eielson Array	68.66 25	eP	P	02 15 49.8 -1.7	
ILAR	Eielson Array	68.66 25	P	P	02 15 50.0 -1.5	
ILB	Eielson Array	68.66 25	eP	P	02 15 50.5 -1.1	
PAX	Paxson	68.82 27	eP	P	02 15 52.5 -0.2	
PAX	comp=Z,14nm,0.7s		pmax	pmax		
PAX	Paxson	68.82 27	eP	P	02 15 52.5 -0.2	
PAX	comp=Z,14nm,0.7s					
DOT	Dot Lake	69.59 27	eP	P	02 15 57.0 -0.4	
DOT	comp=Z,60nm,1.0s					
KKAR	Karatay Array	70.55 311	eP	P	02 16 04.2 +0.5	
KKAR	comp=Z,31nm,1.0s		pmax	pmax		
KKAR	Karatay Array	70.55 311	eP	P	02 16 04.2 +0.5	
PPT	Papeete	70.59 114	LR	LR	02 39 33.2	
PPT	comp=Z,357nm,20.2s,baz=176,slow=30					
BVAR	Borovoye Array	70.97 322	P	P	02 16 06.3 +0.4	
BVAR	comp=Z,25nm,0.7s,baz=102,slow=6.9,SNR=110					
BRVK	Borovoye	71.03 322	iP	P	02 16 06.9 +0.5	
BRVK	comp=Z,30nm,0.9s		pmax	pmax		
BRVK	Borovoye	71.03 322	P	P	02 16 06.1 -0.3	
BRVK	comp=Z,104nm,0.8s,SNR=16					
BRVK	Borovoye	71.03 322	eP	P	02 16 06.8 +0.4	
EGAK	Eagle	71.06 26	eP	P	02 16 06.7 +0.4	
EGAK	comp=Z,14nm,0.8s					
DAWY	Dawson	71.70 27	eP	P	02 16 10.9 +0.6	
KBL	Kabul	71.95 302	eP	P	02 16 13.1 +0.5	
KBL	comp=Z,49nm,1.4s		pmax	pmax		
KBL	Kabul	71.95 302	eP	P	02 16 13.1 +0.5	
KBL	comp=Z,49nm,1.4s					
INK	Inuvik	74.51 22	eP	P	02 16 26.5 -0.1	
INK	comp=Z,17nm,0.8s,baz=265,slow=5.2,SNR=63		pmax	pmax		
INK	Inuvik	74.51 22	eP	P	02 16 26.4 -0.3	
INK	comp=Z,20nm,0.8s		pmax	pmax		
INK	Inuvik					

30d 2h

2011 JAN

1530

Table with columns: BOZ, comp, Z, 32nm, 1.7s, 89.33, 43, P, P, 02 17 45.8 +0.7, etc.

Table with columns: B25A, Knox Farm, Ray, 93.81, 39, P, P, 02 18 05.5 -0.1, etc.

Table with columns: SYO, Syowa Base, 107.90, 2011eX, Pdif, 02 19 04.2 -3.8, etc.

ISCJB 30 02:07:21.8:0.9, 11.96N:0.07:44.02E:0.06, h4km, Error ellipse: s-maj=12.2km s-min=4.4km az=139.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, etc.

YARS 30 02:10:37.4:0.2, 56.36N:0.01:122.83E:0.02, h10km, Southeastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, etc.

DHMR 30 02:18.14:2.1, 11.91N:44.01E, h11km, 14km, ML4.6 ISCJB 30 02:18.16:6.1, 3.1, 11.82N:0.05:44.08E:0.04, h15km, 8km, mb4.0/17, MS3.8/1, Error ellipse: s-maj=9.2km

NEIC 30 02:18.9:0.6, 11.68N:44.06E, h10km, mb4.1/8, Error ellipse: s-maj=14.6km s-min=11.2km az=132.0

ARO 30 02:18.19:0.2, 12.14N:4.4E, h11km, 8km, ML4.1 ISC 30 02:17.14:1.7, 11.71N:0.06:44.01E:0.06, h14km, 11km, n36, e177:36, mb4.0/17, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KOLS, PSZ, LANS, MOA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ARU, BRV, BFO, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ZALV, HFS, CMAR, etc.

30 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like San Ignacio, Brasilia, Otavalo, Neumayer Olymp, etc.

2011 JAN

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Aden, Dhahar BB, Hajjah, etc.

1534

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Al Bayda, Dhahar BB, Hajjah, etc.

DHMR 30 02:56:59.8, 1.6, 11.93N, 44.01E, h14km, 20km, ML4.2
IDC 30 02:57:02.7, 3.3, 11.97N, 43.93E, h0km, mb3.4/5,
mb1 3.3/5, mb1mx3.3/4.7, mbtm3.3/4.5, Error ellipse: s-maj=91.5km s-min=27.9km az=162.0

DHMR 30 03:19:22.8, 1.7, 11.93N, 44.07E, h10km, 17km, ML4.5
ISCBJ 30 03:19:23.9, 0.9, 11.82N, 0.06, 44.12E, 0.07, h10km,
mb3.6/6, MS3.2/4, Error ellipse: s-maj=10.4km
s-min=7.7km az=37.3

IDC 30 03:19:25.2, 3.2, 11.91N, 44.11E, h0km, mb3.7/6,
mb1 3.8/7, mb1mx3.6/4.0, mbtm3.7/7, ML3.5/1, MS3.3/5,
Ms1 3.3/5, ms1mx3.0/4.5, Error ellipse: s-maj=70.6km
s-min=28.0km az=163.0

ISC 30 03:19:26.5, 1.3, 12.01N, 0.09, 44.17E, 0.07, h10km, n21,
r1599/26, mb3.7/6, MS3.2/4, Western Arabian Peninsula

DHMR 30 03:23:28.9, 2.2, 11.90N, 43.98E, h4km, 29km, ML3.8,
Ethiopia

DHMR 30 03:24:37.1, 4.1, 11.98N, 43.57E, h10km, 15km, ML4.3,
Ethiopia

IDC 30 03:30:59.2, 0.7, 22.65N, 144.78E, h0km, mb3.8/14,
mb1 4.1/15, mb1mx3.9/4.7, mbtm3.8/15, ML3.8/1, MS3.6/9,
Ms1 3.6/9, ms1mx3.3/4.1, Error ellipse: s-maj=23.2km
s-min=18.2km az=84.0

ISCBJ 30 03:31:02.7, 0.5, 22.73N, 0.06, 144.6E, 0.1, h33km,
mb4.0/24, MS3.6/8, Error ellipse: s-maj=14.1km
s-min=7.2km az=158.9

NEIC 30 03:31:04.0, 0.4, 22.71N, 144.65E, h35km, mb4.3/11, Error
ellipse: s-maj=1.1km s-min=6.8km az=68.0

ISC 30 03:31:04.0, 4.7, 22.71N, 0.09, 144.6E, 0.1, h33km, n37,
r065/30, mb4.1/24, MS3.6/8, Volcano Islands region

30d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UPC Ujice, KHC Kasperske Hory, ARU Arti, etc.

ISCJB 30 04:04:03.0, 4.0, 37.45, 0.1: 51.4E, 0.1, h10km, mb4.2/15, MS3.7/6, Error ellipse: s-maj=21.4km s-min=13.1km az=20.0

2011 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOSA, LBTV Lobatze, MAW Mawson, etc.

DHMR 30 04:04:29.5:1.2, 12:17N:43:90E, h12km, 14km, ML3.7, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ADEN Aden, UDYN Al' Udayn, LBOS, etc.

ISCJB 30 04:05:12.0:0.9, 11:94N:0:06:44:02E:0:07, h4km, mb4.0/8, MS3.2/3, Error ellipse: s-maj=10.4km s-min=7.6km az=33.1

IDC 30 04:05:13.2:1.7, 11:94N:43:98E, h0km, mb4.0/8, mb1.4/1.8, mb1mx3.7/4.1, mbtmp4.0/8, MS3.7/7, Ms1 3.3/5, ms1mx3.0/4.4, Error ellipse: s-maj=66.9km s-min=25.9km az=168.0

DHMR 30 04:05:14.4:0.4, 12:14N:44:02E, h13km, 3km, ML4.5, ISC 30 04:05:14.1:1.3, 12:02N:0:14:00E:0:09, h4km, n19, +1827/16, mb4.1/8, MS3.1/3, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ADEN Aden, UDYN Al' Udayn, LBOS, etc.

DHMR 30 04:07:49.0:0.7, 12:21N:43:98E, h14km, 7km, ML3.8, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ADEN Aden, UDYN Al' Udayn, LBOS, etc.

1536

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IGIL Gilhagi, IHED Heoinshofoi, IGHA Grjothals, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ADEN Aden, UDYN Al Udayn, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KK31 Karatay Array, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like UPI Upington, KOMG Komaggas, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BCPH Baguio City Da, CAUP Cauayan, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like EUMZ Uzumlu, EUMZ Uzumlu, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like SANA San'a, HAJJ Hajjah, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DHBH Dhamar BB, UDYN Al Udayn, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ADEN Aden, UDYN Al Udayn, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ZHSF Zahedan, NIAN Nian, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KRBR Kerman, TVBK TV Kerman, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like JYNG Yonagunijima, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TWC Wuzhen, TWC Wuzhen, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ENA Nanao, TWE Neicheng, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DHRM 30 05:26:1.5, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DHBH Dhamar BB, UDYN Al Udayn, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DHBH Dhamar BB, UDYN Al Udayn, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like DSB Dublin, ESK Eskdalemuir, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ESDC, SCHO, NOA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PB14, PB14, AHML, etc.

NNC 30 06:18:50.6i:4.8, 38:59N:72:50E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=56.7km s-min=34.8km az=92.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, etc.

DHMR 30 06:22:21.4i:0.1, 12.00N:43:99E, h15km, 9km, ML3.8, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, etc.

DHMR 30 06:28:45.3i:1.7, 11:93N:43:91E, h16km, 26km, ML4.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, etc.

DHMR 30 06:03:06.01:19.5i:0.8, 12.00N:43:96E, h13km, 7km, ML3.6, 1D, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, etc.

DHMR 30 06:08:46.9i:0.9, 12.01N:43:96E, h12km, 10km, ML4.0, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, etc.

SJA 30 06:15:31.5i:0.6, 24:41S:67:20W, h185km, 7km, ML2.0, MV2.5

ISCJB 30 06:15:32.3i:1.1, 24:39S:0:06:67:31W:0:04, h171km, 15km, Error ellipse: s-maj=9.6km s-min=5.5km az=23.0

GUC 30 06:15:34.2i:0.3, 24:05S:67:75W, h231km, 9km, ML4.0

ISC 30 06:15:30.5i:2.5, 24:40S:0:06:67:26W:0:05, h194km, 25km, n14, c1156Z4, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SONM, NRK, etc.

IDC 30 06:13.1i:2.2, 65:24S:179:94E, h0km, mb3.9/2, mb1.4/1.3, mb1mx3.9/15, mbtmp3.9/3, ML2.7/1, MS3.8/6, Ms1.3/7.6, ms1mx3.5/19, Error ellipse: s-maj=73.7km s-min=40.8km az=69.0, Bailley Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, etc.

RSNC 30 06:40:00.4i:0.6, 2.84N:74:80W, h8km, 12km, ML1.6, Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, etc.

DHMR 30 06:45:46.5i:1.6, 12.00N:43:90E, h14km, 106km, ML3.9, 2D, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, etc.

DHMR 30 06:51:10.5i:1.2, 12.03N:43:99E, h15km, 103km, ML3.7, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, etc.

IDC 30 06:54:53.2i:2.9, 17:67S:168:01E, h0km, mb4.0/5, mb1.4/2.5, mb1mx3.9/30, mbtmp4.0/5, Error ellipse: s-maj=110.2km s-min=33.6km az=142.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, etc.

YARS 30 06:57:20.7i:0.1, 57:45N:0:01:12074E:0:01, h10km, Southeastern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Code, Station Name, Az, Az2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MRMT Marmara Adasi, LPK Lapseki, KESN Edirne-Kesan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LSCH La Serena, ACAN Cantantale, ARCO CERRO ARCO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ATH Athens Observa, VLY Voula, Athens, ATHU Athens Univers, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IS/CB 30 09:00:55.9,0.9,30:39S,0:02:68.79W, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YAK Yakutsk, TBGR Tabaga, YAK Yakutsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 30 09:36:10.4,9.2,24:31N,104:04E, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like WRAB Tennant Creek, ASAR Alice Springs, STKA Stephens Creek, etc.

IDC 30 09:48:05.7.2.6, 2.81S, 100.24E, h0km, mb3.8/6, mb1 3.8/6, mb1mx3.5/2, mbtmp3.8/6, Error ellipse: s-maj=94.2km s-min=23.3km az=56.0, Southern Sumatra

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, etc.

ISCJB 30 09:48:59.7.0.7, 6.81N, 105.7305W, 0.07, h156km, 7km, Error ellipse: s-maj=13.5km s-min=1.1km az=11.0

FUNUV 30 09:49:00.6, 6.79N, 73.14W, h159km, MW3.0, RSNK 30 09:49:01.8, 1.4, 6.80N, 73.11W, h142km, ML3.0

ISC 30 09:48:59.6.1.5, 6.84N, 105.7308W, 0.06, h156km, 10km, n18, c150427, 1C-10, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like BARC Barichara, RUSC La Rusia, GRMC Gramatole, San, etc.

IDC 30 10:01:09.3.4.7, 5.78S, 150.85E, h0km, mb2.9/2, mb1 3.3/2, mb1mx3.1/39, mbtmp3.0/2, Error ellipse: s-maj=202.4km s-min=56.6km az=118.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 30 10:06:29.9.1.6, 0.63N, 124.11E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.5/41, mbtmp3.6/5, ML3.8/1, Error ellipse: s-maj=122.2km s-min=23.2km az=65.0

ISCJB 30 10:06:50.6.0.6, 0.11S, 0.08N, 123.68E, 0.05, h157km, mb3.4/4, Error ellipse: s-maj=10.9km s-min=6.8km az=176.8

DJA 30 10:06:50.9.0.6, 0.4N, 12.4E, h157km, 6km, M3.7/9, ML3.7/9

ISC 30 10:06:50.7.1.0, 0.05S, 0.08E, 123.66E, 0.05, h157km, n13, c152816, mb3.5/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like KMSI Cibinong, KMSI Luwuk, LUWI Marisa, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like MRSI Ampapa, APST Sanana, TNTI Ternate, etc.

ISCJB 30 10:10:01.6.0.4, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, Error ellipse: s-maj=5.1km s-min=3.0km az=8.0

IDC 30 10:10:02.4.0.9, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, mb1 3.7/9, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

NAO 30 10:10:03.3.4.4, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

BER 30 10:10:05.0.1.9, 7.04N, 101.036E, 0.07, h9km, mb3.5/4, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

REY 30 10:10:08.2.7.0, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

ISC 30 10:10:04.3.0.6, 7.09N, 101.036E, 0.07, h9km, n66, c150874, mb3.5/4, 4C, Jan Mayen Island region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like JNE Jan Mayen East, JNE Jan Mayen East, JNE Jan Mayen West, etc.

ISCJB 30 10:10:01.6.0.4, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, Error ellipse: s-maj=5.1km s-min=3.0km az=8.0

IDC 30 10:10:02.4.0.9, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, mb1 3.7/9, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

NAO 30 10:10:03.3.4.4, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

BER 30 10:10:05.0.1.9, 7.04N, 101.036E, 0.07, h9km, mb3.5/4, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

REY 30 10:10:08.2.7.0, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

ISC 30 10:10:04.3.0.6, 7.09N, 101.036E, 0.07, h9km, n66, c150874, mb3.5/4, 4C, Jan Mayen Island region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like JNE Jan Mayen East, JNE Jan Mayen East, JNE Jan Mayen West, etc.

IDC 30 10:10:01.6.0.4, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, Error ellipse: s-maj=5.1km s-min=3.0km az=8.0

IDC 30 10:10:02.4.0.9, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, mb1 3.7/9, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

NAO 30 10:10:03.3.4.4, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

BER 30 10:10:05.0.1.9, 7.04N, 101.036E, 0.07, h9km, mb3.5/4, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

REY 30 10:10:08.2.7.0, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

ISC 30 10:10:04.3.0.6, 7.09N, 101.036E, 0.07, h9km, n66, c150874, mb3.5/4, 4C, Jan Mayen Island region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like JNE Jan Mayen East, JNE Jan Mayen East, JNE Jan Mayen West, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like GERESS Arr B, MKAR Makanchi Arr, PETK Petropavlovsk, etc.

IDC 30 10:20:18.6.8.7, 3.66S, 125.16E, h0km, mb3.1/2, mb1 3.5/3, mb1mx3.2/39, mbtmp3.3/3, ML3.4/1, MS2.7/1, Ms1 2.7/1, ms1mx2.4/12, Error ellipse: s-maj=151.5km s-min=123.3km az=65.0, Ceram Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

CSEM 30 10:23:23.2.0.9, 39.08N, 40.42E, h10km, MD2.8, Error ellipse: s-maj=31.9km s-min=14.3km az=157.0

ISCJB 30 10:23:25.0.9.39, 12N, 108.40E, 0.06, h7km, Error ellipse: s-maj=12.4km s-min=5.8km az=23.2

DDA 30 10:23:26.2.39, 17N, 40.32E, h11km, MD2.8, Error ellipse: s-maj=12.4km s-min=5.8km az=23.2

ISC 30 10:23:24.6.1.0, 39.12N, 108.40E, 0.06, h7km, n8, c151715, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like BINGOL, PERTEK, ERZURUM, KELKIT, etc.

IDC 30 10:26:02.1.5.4, 30.32S, 177.95W, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.6/31, mbtmp3.6/3, MS3.2/1, Ms1 3.1/1, ms1mx2.6/26, Error ellipse: s-maj=193.3km s-min=54.1km az=149.0, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, etc.

NIED 30 10:30:00.31.20N, 140.10E, h145km, Mw4.2 Best double couple: M2 1000x1015 N1 100x1000, 375.00000, 170.00000, NP2 283.00000, 880.00000, 0.15.00000

JMA 30 10:30:00.2.0.5, 31.23N, 140.06E, h166km, 4km, M3.8, Error ellipse: s-maj=16.7km s-min=12.2km az=98.0

ISCJB 30 10:30:01.5.0.6, 31.37N, 140.05E, h150km, mb3.7/21, Error ellipse: s-maj=8.8km s-min=7.0km az=12.1

IDC 30 10:30:01.2.1.2, 31.21N, 139.68E, h142km, 9km, mb3.6/21, mb1 3.7/23, mb1mx3.6/48, mbtmp4.0/23, Error ellipse: s-maj=16.7km s-min=12.2km az=98.0

ISC 30 10:30:03.7.0.8, 31.52N, 140.05E, h150km, n48, c197654, mb3.7/21, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like JHJ Mitsune, JHJ Hachijo jima, JHJ Tokai, etc.

IDC 30 10:30:01.6.0.4, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, Error ellipse: s-maj=5.1km s-min=3.0km az=8.0

IDC 30 10:10:02.4.0.9, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, mb1 3.7/9, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

NAO 30 10:10:03.3.4.4, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

BER 30 10:10:05.0.1.9, 7.04N, 101.036E, 0.07, h9km, mb3.5/4, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

REY 30 10:10:08.2.7.0, 7.03N, 101.036E, 0.07, h9km, mb3.5/4, mb1mx3.4/44, mbtmp3.6/9, ML3.3/4, Error ellipse: s-maj=21.0km s-min=10.4km az=11.0

ISC 30 10:10:04.3.0.6, 7.09N, 101.036E, 0.07, h9km, n66, c150874, mb3.5/4, 4C, Jan Mayen Island region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like JNE Jan Mayen East, JNE Jan Mayen East, JNE Jan Mayen West, etc.

30d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NVAR, BRTR, PDAR, GERES, TXAR, LPAZ.

DHMR 30 10:35:19.5-1.3, 12.0DN-44.22E, h5km, 12km, ML3.5, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ADEN, UDYN, BDHA, LPAZ.

ISC/JB 30 10:37:44.0-0.6, 23.94S-0.04, 66.83W, 0.04, h200km, mb3.6/7, Error ellipse: s-maj=7.2km s-min=4.1km az=41.3

ISC 30 10:37:44.0-0.6, 23.94S-0.04, 66.83W, 0.06, h200km, n34, 0.59/41, mb3.8/7, AZ, Jujuy Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SLA, AZAP, YJA, ASTB, FSA, LVC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LVC, LOMAS DE OLMED, PB06, AHML, PB04.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PB04, PB07, PB07, PB01, PATCX, CYA, VCA, AVFE, LPAZ.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LPAZ, CPUZ, CIV, PLCA, BDBF, TXAR, DBIC, TORD, PDAR, ULM, MAW, YKA, ASAR, WRA, MKAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAR, WRA, MKAR, LPAZ, CPUZ, CIV, PLCA, BDBF, TXAR, DBIC, TORD, PDAR, ULM, MAW, YKA, ASAR, WRA, MKAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAR, WRA, MKAR, LPAZ, CPUZ, CIV, PLCA, BDBF, TXAR, DBIC, TORD, PDAR, ULM, MAW, YKA, ASAR, WRA, MKAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SURC, KSRV, MKNR, LPAZ, CPUZ, CIV, PLCA, BDBF, TXAR, DBIC, TORD, PDAR, ULM, MAW, YKA, ASAR, WRA, MKAR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SURC, KSRV, MKNR, LPAZ, CPUZ, CIV, PLCA, BDBF, TXAR, DBIC, TORD, PDAR, ULM, MAW, YKA, ASAR, WRA, MKAR.

2011 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KUZU, KUZU, Sufian, SFNV, SFNV, HCB, KBSD, KBSD, KBSD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KBSD, KBSD, KBSD, KBSD, KBSD, KBSD, KBSD, KBSD.

DDA 30 10:38:42.0, 37.24N-26.78E, h8km, Md2.9 CSEM 30 10:38:42.0, 37.23N-26.78E, h2km, MD2.8, Error ellipse: s-maj=5.2km s-min=4.9km az=8.0

ISC 30 10:38:42.0, 37.22N-26.81E, h6km, MD2.8

ISC 30 10:38:42.5-1.1, 37.24N-0.03, 26.77E, 0.03, h11km, 10km, n29, 0.56/40, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BODT, BODT, BODT, BODT, BODT, BODT, BODT, BODT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BODT, BODT, BODT, BODT, BODT, BODT, BODT, BODT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BODT, BODT, BODT, BODT, BODT, BODT, BODT, BODT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BODT, BODT, BODT, BODT, BODT, BODT, BODT, BODT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BODT, BODT, BODT, BODT, BODT, BODT, BODT, BODT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BODT, BODT, BODT, BODT, BODT, BODT, BODT, BODT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BODT, BODT, BODT, BODT, BODT, BODT, BODT, BODT.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BODT, BODT, BODT, BODT, BODT, BODT, BODT, BODT.

1544

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like STKA, WRA, ASAR, ASAR, MJAR, USRK, PETK, CMAR, SONR, NVAR, ILAR, ANMO, PDAR, TXAR, YKA, MKAR, ARCES, FINES, NOA, GERES, TORD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TORD, TORD, TORD, TORD, TORD, TORD, TORD, TORD.

Table with columns: ARU, Arti, 65.22 322 eP, P, 12 48 06.9 0.0, etc. Includes stations like Dease Lake, ABKAR, GEYT, etc.

Table with columns: TXAR, Lajitas Array, 94.63 54 P, P, 12 50 46.6 -0.3, etc. Includes stations like Torodi Ar, LPAZ, etc.

Table with columns: XAN, Xi'an, 77.96 313 P, P, 13 15 00.3 +0.4, etc. Includes stations like Kunming, Chengdu, etc.

YARS 30 13:00:52.0-2.0, 57.44N, 0.01x120.72E, 0.02, h10km, Southeastern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc. Includes stations like YKLR, YKLR, etc.

ISCJ 30 13:02:58.9-0.6, 19.55S, 168.77E, h0km, mb4.5/14, mb1.4/7.15, mb1mx4.5/32, mbtmp4.5/15, ML4.0/1, MS3.8/19, M1.3.8/19, ms1mx3.7/30, Error ellipse: s-maj=25.0km s-min=15.7km az=148.0

ISCJ 30 13:03:00.6-0.3, 19.68S, 168.54E, 0.06, h10km, mb4.7/40, MS3.8/18, Error ellipse: s-maj=9.1km s-min=6.1km az=137.7

NEIC 30 13:03:01.7-0.4, 19.53S, 168.57E, h10km, mb4.8/23, Error ellipse: s-maj=13.0km s-min=8.8km az=152.0

BUL 30 13:03:01.8, 19.58S, 169.24E, h32km, mb4.7/23, mb5.2/21, M5.0/6, M6.7/4.8

ISC 30 13:03:01.2-0.5, 19.62S, 168.66E, 0.08, h10km, m102, c1866/99, mb4.8/41, MS3.9/18, 2C-1D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc. Includes stations like Mont Dzumac, Honiara, etc.

ISC 30 13:13:13.8-5.1, 0, 15.38S, 170.25W, h0km, mb4.0/3, mb1.4/2.3, mb1mx3.7/37, mbtmp4.0/3, Error ellipse: s-maj=1002.0km s-min=195.4km az=79.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, etc. Includes stations like STKA, WRA, etc.

30d 15h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Chichi jima, Haha-jima-NKT, Ryogami san, Matushiro Arr, Warramunga Arr, Alice Springs, Makanchi Arr.

ISCJB 30 13:22:04.8, 1.1, 27.10N, 0.08:143.84E:0.08, h10km, mb3.6/2, Error ellipse: s-maj=12.1km s-min=9.7km az=146.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Chichi jima, Haha-jima-NKT, Ryogami san, Matushiro Arr, Warramunga Arr, Alice Springs.

IDC 30 13:22:22.8, 2.8, 46.70S, 109.05E, h0km, mb3.3/2, mb1 3.5/2, mb1mx3.4/3, mbmtmp3.3/2, Error ellipse: s-maj=194.9km s-min=54.3km az=129.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Cape Leeuwin H, Cape Leeuwin H, Cape Leeuwin H, Alice Springs, Warramunga Arr, Lajitas Array, Yellowknife Arr.

ISCJB 30 13:29:06.4, 0.4, 37.46S, 0.09:51.5E:0.1, h10km, mb4.2/18, MS3.8/12, Error ellipse: s-maj=13.2km s-min=11.8km az=18.9

IDC 30 13:29:06.4, 0.7, 37.43S, 51.48E, h0km, mb4.0/13, mb1 4.1/13, mb1mx3.9/38, mbmtmp4.0/13, MS3.8/13, Ms1 3.8/13, ms1mx3.5/40, Error ellipse: s-maj=32.9km s-min=17.1km az=13.0

NEIC 30 13:29:07.9, 0.3, 37.53S, 51.43E, h10km, mb4.5/4, Error ellipse: s-maj=10.2km s-min=10.2km az=214.0

ISC 30 13:29:07.9, 0.6, 37.55S, 51.51E:0.1, h10km, n46, #081/31, mb4.2/18, MS3.8/12, South Indian Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Ambohimpanom, Ambodiratombo, Boshof, Lobatse, Lusaka, Tsumeb, Diego Garcia H, Diego Garcia H, Kilima Mbogo, Sanae, Cape Leeuwin H, Cape Leeuwin H, Cape Leeuwin H, South Pole Qui, Vanda, Torodi Arr, Torodi Arr, ASAR Alice Springs, Chiang Mai Arr, CMAR Alibek, STKA Stephens Creek, KOLN Koldanda, PYUN Piuthan, RAMN Ramite, GUNB Gumba, WRA Warramunga Arr, WRAB Tennant Creek, TAPN Tapinglung, GEYT Alibek, BRTR Keskin Arr, KKAR Karatay Arr, AAK Ala-Archa.

2011 JAN

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for PCLA Paso Flores, MDK Midelt, MKAR Makanchi Arr, PMG Port Moresby, KURRB Kurchatov Arr, KURK Kurchatov, BVAR Borovoye Array, ZALV Zalesovo Beam, RAO Raoul Island, INUVK Inuvik, ILAR Eielson Array, YKA Yellowknife Arr, YKA Lajitas Arr, YKA Yellowknife Arr.

ISCJB 30 14:09:39.0, 1.3, 43.63N, 0.08:146.76E:0.09, h40km, 12km, Error ellipse: s-maj=16.2km s-min=6.8km az=142.4

JMA 30 14:09:39.0, 5.0, 2.43:57N:146:77E, h4km, 3km, M2.8 SKHL 30 14:09:39.7, 0.0, 43:62N:146:75E, h25km, 3km, mb4.2/2, ISC 30 14:09:39.4, 1.3, 43:59N:0.09:146:79E:0.09, h39km, 2km, n9, #079/175, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Shikotan, Nemuro 2, Yuzh-Kuril'sk, Kuril'sk, Rausu, Nakash, Akkeshi, Kuril'sk, Yasuoko, Yuzh-Sakhalins.

JMA 30 14:15:30.2, 0.2, 33:32N:137:71E, h366km, M3.4 ISCJB 30 14:15:31.9, 0.6, 33:41N:0.07:137:67E:0.1, h352km, mb3.0/5, Error ellipse: s-maj=12.2km s-min=8.0km az=35.6

IDC 30 14:15:31.1, 1.0, 33:39N:137:40E, h340km, 21km, mb2.9/5, mb1 3.0/8, mb1mx2.753, mbmtmp3.6/8, Error ellipse: s-maj=50.4km s-min=17.1km az=69.0

ISC 30 14:15:33.2, 0.6, 33:53N:137:59E:0.08, h352km, n21, #106/27, mb3.0/5, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Tonankai O.B.S, Hamakita, Hachijo jima 2, Yasnok, Kouya, Odawara 2, Wachi, Boso 4, Hachijo jima, Ryogami san, Matushiro Arr, Matushiro Arr, Matsuoka, Yato, Asahikawa, Kurchatov Arr, Warramunga Arr, Alice Springs, Fines Finess Array.

ISCJB 30 14:19:30.9, 1.0, 37.6S:0.4:51.5E:0.2, h10km, mb3.8/7, MS3.6/8, Error ellipse: s-maj=55.5km s-min=16.2km az=13.7

IDC 30 14:19:31.2, 0.9, 37.49S:51.57E, h0km, mb3.9/6, mb1 4.0/6, mb1mx3.7/35, mbmtmp3.9/6, MS3.6/8, Ms1 3.6/8, ms1mx3.3/36, Error ellipse: s-maj=67.7km s-min=20.0km az=16.0

NEIC 30 14:19:32.6, 0.7, 37.44S:51.52E, h10km, mb4.0/1, Error ellipse: s-maj=45.7km s-min=14.4km az=14.0

ISC 30 14:19:32.5, 1.2, 37.5S:0.4:51.5E:0.2, h10km, n22, #086/10, mb4.0/7, MS3.6/8, South Indian Ocean

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Boshof, Lobatse, Mawson, Tsumeb, Diego Garcia H, Diego Garcia H, Kilima Mbogo, Cape Leeuwin H.

1550

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Cape Leeuwin H, Cape Leeuwin H, Vanda, Torodi Arr, Alice Springs, Chiang Mai Arr, Kurchatov Arr, Eielson Array, Kurchatov Arr, Eielson Array, Lajitas Arr.

IDC 30 14:23:13.0, 0.9, 25:51N:96:77E, h0km, mb3.6/10, mb1 3.7/11, mb1mx3.5/49, mbmtmp3.6/11, ML3.8/1, MS2.9/4, Ms1 2.9/4, ms1mx2.7/35, Error ellipse: s-maj=39.3km s-min=14.7km az=62.0

ISCJB 30 14:23:14.6, 0.6, 25:54N:0.09:96:5E:0.1, h25km, mb3.6/10, MS2.7/3, Error ellipse: s-maj=18.7km s-min=10.7km az=149.8

ISC 30 14:23:16.8, 0.9, 25:55N:0.1:96:6E:0.1, h25km, n14, #1933/12, mb3.6/10, MS2.6/10, Myanmar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Shillong, Chiang Mai Arr, CMAR, CMAR, CMAR, Palleke, Sonm, MKAR, AAK, Kurrb, KSRS, ZALV, BVAR, GEYT, WRA, ASAR, TORODI.

ISC 30 15:02:52.3, 1.2, 45:10N:0.03:148:07E:0.04, h7km, 11km, n16, #053/26, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Bojanci, Novaja, Knezi Dol, Visnje, Cerknica, Skadanscina, CRES, Udbina, Udbina, Legarje, Gornji Cirk, Podkum, Javornik, Vrh nad Dolski, Crni Vrh, Vojsko, Mozanca, MOZS.

IDC 30 15:04:08.0, 2.5, 11:03S:166:62E, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.5/28, mbmtmp3.6/4, Error ellipse: s-maj=123.1km s-min=29.8km az=134.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Stephens Creek, Warramunga Arr, Alice Springs, Eielson Array.

DHMR 30 15:06:37.6, 0.5, 12:22N:44:21E, h6km, 16km, ML3.5, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Aden, Aden, Aden, LBOS, LBOS, BDHA, BDHA.

IDC 30 15:26:16.0, 0.8, 19:91N:120:74E, h0km, mb3.8/10, mb1 4.0/10, mb1mx3.8/36, mbmtmp3.8/10, MS3.6/2, Ms1 3.6/2, ms1mx2.7/51, Error ellipse: s-maj=33.1km s-min=18.4km az=66.0

NEIC 30 15:26:16.5, 5.5, 19:91N:120:75E, h4km, 34km, mb4.2/2, Error ellipse: s-maj=18.5km s-min=13.1km az=79.0

MAN 30 15:26:18, 19:98N:120:43E, h33km, mb4.6, ML3.5, MS3.5 ISCJB 30 15:26:19.0, 1.0, 19:95N:0.04:120:52E:0.06, h28km, mb3.8/11, MS3.4/2, Error ellipse: s-maj=8.4km s-min=5.0km az=172.0

ISC 30 15:26:19.0, 0.6, 19:95N:0.04:120:65E:0.08, h28km, n22, #132/23, mb3.8/11, Philippine Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Basco, Basco, PIP.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PIP, APYP, SGCP, ABRA, TWG, CAUP, TPUB, SSLB, CMAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AAK, AAK Ala-Archa, KBK, KBK Karayabulak, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PDGK, PDGK Podgornoye, PDGK, BRLS, etc.

IDC 30 15:26:57.5:4.4, 7.90S, 122.85E, h221km, 46km, mb3.4/6, mb1 3.5/9, mb1mx3.4/29, mbtmp4.0/9, Error ellipse: s-maj=41.7km s-min=17.8km az=73.0

ISCBJ 30 15:26:58.7:0.5, 7.97S, 102.03:123.10E:0.04, h221km, mb3.6/6, Error ellipse: s-maj=6.0km s-min=4.4km az=155.4

DJA 30 15:27:00.5:0.7, 8.2S, 121.3E, h228km, 6km, M4, 1/12, mb4.2/2, MLV4.1/12

ISC 30 15:26:58.5:0.7, 7.92S, 123.03E:0.06, h221km, n22, e2520/31, mb3.7/6, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EDFI, SOEI, BBSI, BBSI, WSI, BBSI, BBSI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BMNS, BMNS, MRKS, MRKS, USP, USP, USP, etc.

TAP 30 15:44:11.9, 21.20N, 121.01E, h41km, 1km, ML3.5, 1C, C, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TSEB, TSEB, TWK1, TWK1, TWK1, etc.

WEL 30 15:36:52.1:0.5, 36.54S, 177.62E, h78km, 16km, ML3.5/4, 1D, Error ellipse: s-maj=7.6km s-min=6.7km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ, MXZ, HAZ, HAZ, PKGZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IZV, IZV, TNSN, TNSN, ARK, ARK, ARK, etc.

IDC 30 15:49:40.7:0.6, 4.94N, 96.34E, h0km, mb4.2/15, mb1 4.4/15, mb1mx4.1/50, mbtmp4.2/15, MS3.7/21, Ms1 3.7/21, ms1mx3.6/41, Error ellipse: s-maj=28.3km s-min=13.7km az=50.0

ISCBJ 30 15:49:43.3:0.9, 4.74N, 0.03:96.01E:0.04, h30km, 6km, mb4.3/34, MS3.8/21, Error ellipse: s-maj=6.1km s-min=4.5km az=169.5

DJA 30 15:49:44.0:0.4, 5.2N, 96.9E, h10km, M4.9/17, mb4.8/17, mb5.4/4, MLV4.9/14, Mw(mb)4.9/4

NEIC 30 15:49:46.7:1.1, 4.80N, 96.23E, h44km, 10km, mb4.4/12, Error ellipse: s-maj=13.7km s-min=6.7km az=65.0

BUI 30 15:49:48.9:0.5, 0.4N, 96.12E, h43km, mb4.3/30, mb4.8/22, Ms4.5/16, Ms7.4/13

ISC 30 15:49:44.5:1.4, 4.81N, 0.04:96.10E:0.05, h23km, 10km, n122, e1962/116, mb4.4/34, MS3.8/21, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARLS, ARLS, KZA, KZA, KZA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZHN, ZHN, KURS, KURS, ARXS, ARXS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLSI, MLSI, LHMJ, LHMJ, LHMJ, etc.

RKPI	Ransiki, Papua	5.76 110	P	Pn	16 42 49.7 +1.1
KTPI			S	Sn	16 43 59.8 +6.0
GTOI	Gorontalo	5.76 272	P	P	16 42 50.1 +1.4
MRSI	Marisa 145nm, 0.8s, 2um0.5nm	6.83 270	P	Pn	16 43 04.3 +0.9
APSI	Ampana 411nm, 0.8s, 4um1.7nm	7.26 259	P	Pn	16 43 07.8 -1.4
DAV	Davao City (W) 239nm, 0.9s, 1.2nm	7.28 334	P	Pn	16 43 10.5 +1.0
CTBH	Cotabato-PC H	8.07 325	P	Pn	16 43 19.9 -0.5
BBSI	Bau Bau 145nm, 1.1s, 2um	8.57 226	P	Pn	16 43 29.6 +2.2
SAUI	Saumlaki baz=8.3, SNR=3.1	8.78 163	P	Pn	16 43 28.4 -1.8
SAUI	Saumlaki 153nm, 0.8s	8.78 163	ePn	Pn	16 43 31.2 +1.0
MPSI	Mapepa 38nm, 1.0s	8.87 269	P	Pn	16 43 28.4 -1.8
SAUI	Saumlaki 38nm, 1.0s	8.87 269	P	Pn	16 43 31.2 -0.2
PALU	Palau baz=9.0, SNR=7.8	8.88 40	P	Pn	16 43 32.6 +1.2
PCI	Palu 103nm, 1.1s, 948nm	9.04 261	P	Pn	16 43 34.6 +0.9
TTSI	Tana Toraja 121nm, 0.7s, 1um	9.61 249	P	Pn	16 43 40.9 -0.7
BNSI	Bone 0.1nm, 0.8s	9.92 241	P	Pn	16 43 46.2 +0.4
SPSI	Sidrap Palu 192nm, 0.6s, 3um	10.22 244	P	Pn	16 43 46.5 -0.7
MMSI	Mamuju 82nm, 0.6s, 1um	10.35 252	P	Pn	16 43 50.5 -1.2
BKSI	Butukumba 82nm, 0.8s, 1um	10.39 236	P	Pn	16 43 52.9 +0.7
KAPI	Kappang 4.1nm, 0.3s, baz=100, slow=8.3, SNR=8.6	10.54 239	Pn	Pn	16 43 50.4 -3.9
KAPI	Kappang comp=Z, 1um, 18.5s, baz=82, slow=41	10.54 239	LR	LR	16 48 24.1
KAPI	Kappang 60nm, 1.1s, 711nm	10.54 239	ePn	Pn	16 43 54.1 -0.1
KAPI	Kappang Gau Bau, Buton 82nm, 0.7s	10.57 231	P	Pn	16 43 53.6 -0.7
BSSI	Bau Bau, Buton 82nm, 0.7s	10.57 231	P	Pn	16 43 54.6 -0.1
PMSI	Majene 70nm, 0.9s, 5um	10.62 248	P	Pn	16 43 55.4 0.0
SOEI	Soe 68nm, 1.4s, 1um	11.12 204	P	Pn	16 44 03.1 +0.8
MYLDM	Lahad Datu 105nm, 0.8s	11.27 295	P	Pn	16 44 06.8 +2.6
EDFI	Ende, Flores 83nm, 1.7s, 7um	11.57 217	P	Pn	16 44 09.1 +0.6
KBKI	Kotabaru 13.15 253	13.15 253	P	Pn	16 44 31.2 +1.2
WSI	Waingapu 190nm, 1.5s, 3um	13.15 220	P	Pn	16 44 31.2 +1.2
BASI	Baing, Sumba 134nm, 1.5s, 3um	13.40 217	P	Pn	16 44 33.7 +0.3
MTN	Manton Dam baz=14, SNR=15	13.45 170	P	Pn	16 44 32.2 -1.8
MTN	Manton Dam 13.45 170	13.45 170	ePn	Pn	16 44 32.3 -1.8
MTN	Manton Dam 13.45 170	13.45 170	eSn	Sn	16 46 55.0 -7.7
KKM	Kota Kinabalu 31nm, 1.2s	13.69 294	P	Pn	16 44 37.6 +0.1
KKM	Kota Kinabalu 13.69 294	13.69 294	ePn	Pn	16 44 39.9 +2.4
DBNI	Kabupaten Domp 41nm, 0.8s	13.72 229	P	Pn	16 44 38.5 +0.6
MTKI	Muara Teweh, K 28nm, 0.8s	13.95 264	P	Pn	16 44 39.5 -1.4
BBKI	Banjar Baru 106nm, 1.6s, 2um	14.46 254	P	Pn	16 44 48.2 +0.2
TWSI	Taliwang, Sumb 33nm, 1.1s	14.97 232	P	Pn	16 44 55.0 +0.1
KHKI	Kahang-Kahang 85nm, 1.0s	15.79 236	P	Pn	16 44 03.3 -0.3
RTBI	Rangdo, Negare 105nm, 1.1s	16.40 237	P	Pn	16 45 13.3 0.0
KMMI	Kalianget 61nm, 1.3s	16.56 243	P	P	16 45 17.5 -0.2
SBUM	Sibu 22nm, 1.9s, 2um	16.66 277	P	P	16 45 18.0 -0.8
ABJI	Asem Bagus 69nm, 1.3s, 2um	16.67 240	P	Pn	16 45 18.2 -0.7
BYJI	Banyuwangi 175nm, 2.7s	16.77 239	P	Pn	16 45 18.3 +0.3
JAGI	Jajag, Banyuw baz=17, SNR=4.8	17.07 238	P	Pn	16 45 21.1 -0.8
JAGI	Jajag, Banyuw 59nm, 1.4s, 2um	17.07 238	P	Pn	16 45 22.0 +0.2
JAGI	Jajag, Banyuw 75nm, 1.2s	17.07 238	ePn	Pn	16 45 23.1 -0.3
BLJI	Banyuglugur 65nm, 0.5s	17.20 241	P	Pn	16 45 23.8 +0.4
STKI	Sintang 17nm, 2.6s	17.30 269	P	Pn	16 45 24.8 +0.1
PBKI	Pangkalan Bun 62nm, 0.8s	17.39 259	P	P	16 45 27.2 +0.3
KRKI	Karangkates 140nm, 0.5s	18.39 242	P	P	16 45 38.0 0.0
KSM	Kuching 43nm, 1.1s	18.49 273	eP	P	16 45 38.2 -0.8
FITZ	Fitzroy Crossi 0.3nm, 0.3s, baz=34, slow=11, SNR=4.2	18.73 189	P	P	16 45 40.5 -1.1
FITZ	Fitzroy Crossi baz=19, SNR=3.8	18.73 189	P	P	16 45 39.3 -2.3
FITZ	Fitzroy Crossi 65nm, 1.9s	18.73 189	eP	P	16 45 42.0 +0.4
SJI	Sawaloh 55nm, 1.7s	18.82 244	P	Pn	16 45 43.3 -0.1
PWJI	Pagerwojo 55nm, 2.1s	18.91 243	P	Pn	16 45 45.8 +1.4
NGJI	Ngawi 79nm, 1.2s	18.95 245	P	Pn	16 45 44.6 -0.2
UWJI	Ujung Watu 154nm, 0.8s	19.07 249	P	P	16 45 45.8 +0.4
PCJI	Pacitan 106nm, 1.6s	19.54 243	P	P	16 45 50.8 +0.2
UGM	Wanagama baz=20, SNR=4.4	20.02 245	P	P	16 45 55.1 -0.7
COEN	Coen baz=20, SNR=29	20.23 136	P	P	16 45 59.2 +1.1
COEN	Coen 23nm, 0.8s	20.23 136	ePn	Pn	16 45 59.4 -0.8
PMG	Port Moresby 5.9nm, 0.8s, baz=251, slow=14, SNR=2.7	20.78 119	P	P	16 46 04.9 +0.8
PMG	Port Moresby comp=Z, 2.2nm, 1.1s	20.78 119	eP	Pn	16 46 05.3 +1.2
PMG	Port Moresby comp=Z, 1.7nm, 0.6s	20.78 119	eP	Pn	16 46 13.0 +6.4
PMG	Port Moresby comp=Z, 2.2nm, 1.1s	20.78 119	eP	Pn	16 46 07.3 +0.7
WRAB	Tennant Creek 21.02 165	21.02 165	eP	Pn	16 46 06.4 -0.2
WRAB	Tennant Creek comp=Z, 2.21nm, 1.7s	21.02 165	eP	Pn	16 46 05.9 -0.7
WRAB	Tennant Creek comp=Z, 0.9nm, 1.2s	21.02 165	eP	Pn	16 46 05.9 -0.7
WRA	Warramunga Arr comp=Z, 2.4nm, 0.5s, baz=343, slow=11, SNR=9.7	21.02 165	P	P	16 46 06.0 -0.6
WRA	Warramunga Arr comp=Z, 1.4nm, 0.6s, baz=348, slow=19, SNR=5.3	21.02 165	LR	LR	16 49 50.1 -9.4
WRA	Warramunga Arr comp=Z, 661nm, 20.2s, baz=355, slow=40	21.02 165	P	P	16 46 05.6 -1.1
WRA	Warramunga Arr comp=Z, 65nm, 1.1s	21.02 165	eP	Pn	16 46 08.9 +0.7
SCJI	Gunung Strandil comp=Z, 1.52nm, 1.5s	21.16 247	P	P	16 46 24.2 +3.3
LEM	Lembang comp=Z, 35nm, 0.8s, baz=46, slow=10, SNR=11	22.32 251	P	P	16 46 26.0 +5.2
LEM	Lembang baz=22, SNR=6.2	22.32 251	P	P	16 46 21.2 +0.4
PPBI	Pangkal Pinang comp=Z, 59nm, 1.2s	22.78 263	P	P	16 46 24.5 -1.1
CNJI	Cibinong comp=Z, 64nm, 1.4s	22.93 250	P	P	16 46 28.1 +1.0
TNG	Tangerang comp=Z, 395nm, 0.4s	23.05 253	P	P	16 46 29.3 -6.9
TNG	Tangerang comp=Z, 246nm, 0.4s	23.05 253	P	P	16 46 28.6 +0.2
SKJI	Sukabumi comp=Z, 29nm, 1.0s	23.38 251	P	P	16 46 32.5 +0.9
QIS	Mount Isa baz=24, SNR=19	23.45 154	P	P	16 46 33.0 +0.7
SBJI	Serang 23.53 253	23.53 253	P	P	16 46 34.3 +1.2
RABL	Rabaul comp=Z, 99nm, 1.2s	23.83 101	eP	P	16 46 38.2 +2.2
MTSU	Mount Surprise baz=24, SNR=6.3	24.00 141	P	P	16 46 39.5 +1.9

CGJI	Cibinong comp=Z, 52nm, 0.9s	24.09 253	P	P	16 46 39.8 +1.4
DSRI	Dabo comp=Z, 109nm, 1.1s	24.21 268	P	P	16 46 40.6 +1.0
PMBI	Palembang comp=Z, 115nm, 0.8s	24.23 262	P	P	16 46 41.9 +2.2
TPRI	Tanjung Pinang comp=Z, 41nm, 1.7s, comp=Z, 4um	24.25 271	P	P	16 46 41.7 +1.8
KLI	Kotabumi comp=Z, 98nm, 0.5s	24.47 257	P	P	16 46 42.7 +0.8
AS15	Alice Springs baz=25	24.52 169	eP	P	16 46 42.2 +0.2
AS31	Alice Springs comp=Z, 11nm, 1.7s	24.52 169	eP	P	16 46 42.4 +0.2
ASAR	Alice Springs comp=Z, 45nm, 0.6s, baz=354, slow=9.4, SNR=230	24.52 169	P	P	16 46 42.6 +0.4
ASAR	Alice Springs comp=Z, 1.8nm, 0.7s, baz=338, slow=2.6, SNR=4.2	24.52 169	P	P	16 50 19.4 -1.0
ASAR	Alice Springs comp=Z, 404nm, 20.6s, baz=343, slow=39	24.52 169	LR	LR	16 57 09.1
AS01	Alice Springs MYKOL	24.95 273	P	P	16 46 42.5 +0.2
KOTA	Kota Tinggi comp=Z, 40nm, 1.9s	24.95 273	P	P	16 46 47.2 +0.9
KASI	Kota Agung comp=Z, 128nm, 1.0s	24.96 256	P	P	16 46 46.2 -0.2
BTDF	Bukit Timah Da comp=Z, 21nm, 2.0s	25.01 272	P	P	16 46 47.7 +0.9
MDSI	Mau Dua comp=Z, 83nm, 0.9s	25.06 258	P	P	16 46 46.7 -0.6
JMBI	Jambi comp=Z, 340nm, 0.4s	25.21 265	P	P	16 46 50.8 +2.1
LWLI	Liwu comp=Z, 110nm, 0.8s, comp=Z, 4um	25.28 257	P	P	16 46 49.6 +0.2
WRKA	Warakuma baz=26, SNR=32	25.38 181	P	P	16 46 49.9 -0.1
QIZ	Qiongzong comp=Z, 180nm, 20.1s	26.16 316	P	P	16 46 54.0 -3.2
QIZ	Qiongzong comp=Z, 180nm, 20.1s	26.16 316	LR	LR	16 51 30.0 +2.5
CTA	Charters Tower comp=Z, 3.2nm, 0.8s, baz=330, slow=13, SNR=5.0	26.67 141	P	P	16 47 02.3 +0.5
MASI	Maura Aman, Be comp=Z, 107nm, 0.9s, comp=Z, 7um	26.75 262	P	P	16 47 03.1 +0.3
UBPT	Khong Chiam comp=Z, 56nm, 2.2s	27.31 304	P	P	16 47 09.1 +1.6
SDSI	Sireh comp=Z, 29nm, 1.4s	27.38 267	P	P	16 47 09.8 +1.6
IPM	Ipo comp=Z, 54nm, 1.5s	28.00 279	eP	P	16 47 13.2 -0.6
PDSI	Padang comp=Z, 15nm, 1.1s, comp=Z, 2um	28.34 267	P	P	16 47 16.4 -0.5
PPI	Padang Panjang comp=Z, 25nm, 1.6s	28.39 268	P	P	16 47 16.6 -0.7
KULM	Kulim comp=Z, 22nm, 2.1s	28.48 280	P	P	16 47 18.5 +0.4
KULM	Kulim comp=Z, 22nm, 2.1s	28.48 280	eP	P	16 47 16.6 -1.4
SKLT	Songkhla comp=Z, 39nm, 1.1s	28.85 284	P	P	16 47 22.7 +1.4
MNSI	Mandailing Nat comp=Z, 16nm, 0.8s, comp=Z, 65nm	29.19 271	P	P	16 47 25.6 +1.2
PSI	Prapat comp=Z, 16nm, 1.0s	29.22 275	eP	P	16 47 29.4 -1.6
PSI	Prapat comp=Z, 16nm, 1.0s	29.22 275	P	P	16 47 31.3 +0.3
PSI	Prapat comp=Z, 16nm, 1.0s	29.22 275	eP	P	16 47 29.4 -1.6
PBSI	Pulau Batu comp=Z, 90nm, 1.2s	30.50 269	P	P	16 47 37.8 +1.8
QLP	Quilpie baz=31, SNR=11	30.76 152	P	P	16 47 39.3 +1.2
KCSI	Kotaace, Aceh comp=Z, 6nm, 1.5s	31.12 276	P	P	16 47 42.5 +1.0
GSI	Gunungsitoli comp=Z, 40nm, 1.1s	31.20 272	P	P	16 47 43.4 +1.2
GSI	Gunungsitoli comp=Z, 29nm, 0.8s	31.20 272	eP	P	16 47 38.6 -3.6
TPTI	Tampar comp=Z, 220nm, 1.4s	31.69 275	P	P	16 47 48.4 +1.9
PBKT	Sadao Pong comp=Z, 7.9nm, 1.7s	31.72 302	P	P	16 47 49.5 +2.8
LOEI	Loei comp=Z, 78nm, 1.0s	31.91 304	P	P	16 47 53.3 +4.9
KMBL	Kambalda baz=32, SNR=12	32.34 191	P	P	16 47 51.0 -1.0
JNU	Nakatusu comp=Z, 16nm, 0.9s, baz=224, slow=6.6, SNR=4.5	32.52 3	P	P	16 47 56.1 -2.0
MLSI	Meulaboh, Aceh comp=Z, 43nm, 1.4s	32.55 277	P	P	16 47 56.1 +2.0
HNR	Honiara comp=Z, 46nm, 0.8s	32.57 108	eP	P	16 47 54.6 +0.4
HNR	Honiara comp=Z, 46nm, 0.8s	32.57 108	eP	P	16 47 54.6 +0.4
NJ2	Nanjing comp=Z, 5.0nm, 0.6s	32.77 344	eP	P	16 47 55.0 -0.7
WHN	Wuhan comp=Z, 1um, 23.3s	32.88 337	P	P	16 47 57.3 +0.6
WHN	Wuhan comp=Z, 1um, 23.3s	32.88 337	LR	LR	16 53 14.5 +1.8
NANT	Nan comp=Z, 3.9nm, 0.8s	33.02 305	P	P	16 47 59.9 +1.8
PHRA	Phrae comp=Z, 1um, 23.3s	33.25 304	P	P	16 48 11.2 +1.1
GVA	Guluyang comp=Z, 1um, 23.3s	33.46 322	P	P	16 48 03.5 +1.5
GVA	Guluyang comp=Z, 1um, 23.3s	33.46 322	P	P	16 48 15.5 +1.9
GVA	Guluyang comp=Z, 1um, 23.3s	33.46 322	P	P	16 53 24.0 +1.9
GVA	Guluyang comp=Z, 1um, 23.3s	33.46 322	P	P	16 54 29.8 +4.1
GVA	Guluyang comp=Z, 1um, 23.3s	33.46 322	P	P	16 55 27.3 +1.9
GVA	Guluyang comp=Z, 10.0nm, 0.6s		P	P	16 48 11.2 +1.1
GVA	Guluyang comp=Z, 90nm, 5.3s		P	P	16 48 03.5 +1.5
GVA	Guluyang comp=Z, 480nm, 17.9s		LR	LR	16 48 03.5 +1.5
GVA	Guluyang comp=Z, 420nm, 18.1s		LR	LR	16 53 24.0 +1.9
KLBR	Kellerberrin baz=34, SNR=14	33.57 197	P	P	16 48 08.1 -0.9
BBOO	Buckleboo baz=34, SNR=18	33.82 169	P	P	16 48 04.6 -0.3
BBOO	Buckleboo comp=Z, 39nm, 0.9s	33.82 169	eP	P	16 48 04.4 -0.5
COCO	West Island comp=Z, 600nm, 2.2s	34.11 247	P	P	16 48 08.6 +1.0
CM01	Chiang Mai Arr comp=Z, 39nm, 0.9s	34.27 303	eP	P	16 48 08.1 -0.9
CM31	Chiang Mai Arr comp=Z, 39nm, 0.9s	34.30 303	eP	P	16 48 09.2 -0.1

30d 17h

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like RAMN Ramite, GUN Gumba, PKN Phulchoi, etc.

2011 JAN

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NRIK, GEYT, ABKAR, GAMB, AKTO, etc.

1556

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like BARS Barje, KFL Anninata, KFL Anninata, etc.

DJA 30 16:49:34.9,1.1,3°N,4°9'9"E, h141km, 8km, M3,1/6, MLV3,1/6, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PSI Prapat, PSI Prapat, TSI Tuntang, etc.

ISCJB 30 16:51:34.1,1.7,36°26'N,0°08'41.82"E,0.04,h6km,15km, Error ellipse: s-maj=12.8km s-min=5.4km az=171.2

CSEM 30 16:51:34.2,0.7,36°19'N,41.84E, h10km, ML2.5, Error ellipse: s-maj=19.3km s-min=8.8km az=167.0

ISC 30 16:51:35.8,1.9,36°14'N,0°05'41.84"E,0.03,h11km,14km, n37,r1918/52,Iraq

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MZRK Al-Mazaregh, MZRK Al-Mazaregh, MZRK Al-Mazaregh, etc.

MARD Mardin 1.25 317 i P Pn 16 51 58.8 -0.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MARD Mardin, MARD Mardin, MARD Mardin, etc.

MAZI Mazhid 1.54 314 ePn Pn 16 52 03.7 +0.4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MAZI Mazhid, MAZI Mazhid, MAZI Mazhid, etc.

BTM Batman 1.55 343 i P Sg 16 52 04.3 -0.4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BTM Batman, BTM Batman, BTM Batman, etc.

KSRI Kasrt all 2.36 258 eS Pn 16 52 20.9 -3.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KSRI Kasrt all, KSRI Kasrt all, KSRI Kasrt all, etc.

PTK Pantek 3.15 323 ePn Pn 16 52 26.7 +1.1

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PTK Pantek, PTK Pantek, PTK Pantek, etc.

WRA Warramunga Arr 21.29 164 P 16 52 18.8 -0.7

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

ISCJB 30 17:05:39.7,0.7,2.92S;0.03:100.02E;0.03,h28km,4km,
mb4.7/73,MS4.1/21,Error ellipse: s-maj=5.7km
s-min=3.6km,az=40.0
BUJ 30 17:05:40.7,2.90S;100.20E,h37km,mb4.8/51,mb5.0/38,
MS4.7/32,Ms7.4/4.34
MOS 30 17:05:41.6,1.0,2.64S;100.30E,h33km,mb5.1/24,Error
ellipse: s-maj=12.9km s-min=6.4km az=105.0
NEIC 30 17:05:42.8,0.4,2.75S;100.30E,h35km,mb4.8/20,Error
ellipse: s-maj=11.9km s-min=6.3km az=53.0
DJA 30 17:05:42.0,0.4,3.3S;110.0E,h19km,4km,M4.6/29,
mb4.7/29,mb5.1/14,MLV2/25,Mv(mb)4.5/14
KLM 30 17:05:42.4,2.90S;100.20E,h100km,mb4.5/MS5.5
ISC 30 17:05:40.3,0.6,2.91S;0.04,99.98E;0.04,h22km,4km,
n245,r1967/260,mb4.8/73,MS4.1/21,18C-16D,Southern
Sumatera

Code	Station Name	A°	AZ°	Phase ID	Time	Res	ISC
					h m s	ISC	
PSSI	Pulau Pagai	0.15	12	P	Pb	17 05 46.3	+1.1
PDSI	Padang	2.04	14	P	Pn	17 06 13.3	0.0
PDSI					Sn	17 06 38.4	+0.3
MASI	Maura Aman, Be	2.27	96	P	Sn	17 06 15.9	-0.6
MASI					Sn	17 06 45.2	+1.4
SDSI	Sungai Dareh	2.44	36	P	Sn	17 06 19.3	+0.5
SDSI					Sn	17 06 47.9	0.0
PPSI	Padang Panjang	2.47	10	P	Sn	17 06 20.0	+0.8
PPSI					Sn	17 06 49.3	+0.6
PBSI	Pulau Batu	3.30	329	P	Pn	17 06 32.0	+1.3
PBSI					Sn	17 07 11.1	+1.8
RGRI	Rengat	3.46	43	P	Pn	17 06 33.5	+0.6
LHSI	Lihat	3.66	105	P	Pn	17 06 37.1	+1.5
LHSI					Sn	17 07 19.7	+1.7
MNSI	Mandailing Nat	3.70	354	P	Pn	17 06 36.6	+0.5
JMBI	Jambi	3.87	71	P	Pn	17 06 38.5	0.0
MDSI	Maura Dua	4.47	111	P	Pn	17 06 48.2	+1.4
LWLI	Liwa	4.58	117	P	Pn	17 06 49.6	+1.1
PMBI	Palemang	4.79	90	P	Pn	17 06 51.9	+0.5
GSI	Gunungsitoli	4.82	330	P	Pn	17 06 52.5	+0.7
GSI	Gunungsitoli	4.82	330	ePn	Pn	17 06 51.2	-0.3
GSI				eSn	Sn	17 07 45.1	-1.7
DSRI	Dabo	5.19	62	P	Pn	17 06 56.9	+0.2
KASI	Kota Agung	5.20	120	P	Pn	17 06 57.6	+0.8
KLJ	Kotabumi	5.24	112	P	Pb	17 07 07.9	-3.3
BTDF	Bukit Timah Da	5.69	42	P	Pn	17 07 04.0	+0.5
PSI	Prapat	5.77	349	eP	Pn	17 07 02.1	-2.6
PSI	Prapat	5.77	349	P	Pn	17 07 04.6	-0.1
PSI	Prapat	5.77	349	ePn	Pn	17 07 02.1	-2.6
KMI	Kluang	5.92	50	eP	Pn	17 07 07.0	+0.2
TPRI	Tanjung Pinang	5.93	50	P	Pn	17 07 07.0	+0.2
MYKOM	Kota Tinggi	6.06	40	eP	Pn	17 07 09.5	+0.9
MYKOM	Kota Tinggi	6.06	40	eP	Pn	17 07 06.7	-1.9
FRIM	Kepong	6.32	15	eP	Pn	17 07 14.0	+1.8
TSI	Tuntungan	6.52	347	P	Pn	17 07 16.7	+1.8
TPTI		6.74	335	P	Pn	17 07 18.2	+0.3
KCSI	Kotaaceh	6.76	341	P	Pn	17 07 20.2	+2.0
CGJI	Cibinong	6.78	123	P	Pn	17 07 19.6	+1.1
IPM	Ipo	7.41	8	eP	Pn	17 07 29.8	+2.6
IPM	Ipo	7.41	8	P	Pn	17 07 28.8	+1.6
IPM	Ipo	7.41	8	ePn	Pn	17 07 26.8	-0.4
MLSI	Meulaboh, Aceh	7.97	333	P	Pn	17 07 36.4	+1.5
KULM	Kulim	8.17	5	P	Pn	17 07 48.2	+1.1
KULM	Kulim	8.17	5	ePn	Pn	17 07 36.2	-1.4
LEM	Lembang	8.55	117	P	Pn	17 07 49.4	+6.4
LEM	Lembang	8.55	117	P	Pn	17 07 44.7	+1.8
LHMI	Lhok Sumawe	8.63	339	ePn	Pn	17 07 43.7	-0.2
CISI	Cisempet, Garu	9.07	121	ePn	Pn	17 07 47.5	-4.3
CISI				eSn	Sn	17 09 19.9	-1.2
COCO	West Island	9.73	198	eP	Pn	17 07 57.4	-1.6
COCO	West Island	9.73	198	eP	Pn	17 07 57.4	-1.6
BBKI	Banjar Baru	14.85	93	P	Pn	17 09 09.8	+0.7
MMSI	Mamuju	18.91	90	P	Pn	17 09 59.6	-0.1
PMSI	Majene	18.92	92	P	Pn	17 10 00.5	0.0
SDKM	Sandakan	19.18	64	eP	P	17 10 02.8	+0.2
PBKT	Sadao Pong	19.38	3	P	Pn	17 10 08.8	+2.9
PBKT	Sadao Pong	19.38	3	P	Pn	17 10 05.9	0.0
SPSI	Sidrap Palu	19.78	94	P	Pn	17 10 10.2	-0.6
TTSI	Tana Toraja	19.82	91	P	Pn	17 10 10.4	-0.8
KAPI	Kappang	19.84	97	P	Pn	17 10 08.9	-0.8
KAPI	Kappang	19.84	97	P	Sn	17 13 57.0	+3.0
KAPI	Kappang	19.84	97	P	P	17 10 10.5	+0.7
KAPI	Kappang	19.84	97	eP	Pn	17 10 05.8	-4.0
KAPI	Kappang	19.84	97	P	Sn	17 13 57.0	+3.0
PCI	Palu	19.95	85	P	P	17 10 11.6	+0.6
MPSI	Mapaga	20.17	81	P	Pn	17 10 13.8	+0.4
MYLDM	Lahad Datu	20.17	67	P	Pn	17 10 14.7	-0.7
MYLDM	Lahad Datu	20.17	67	eP	Pn	17 10 16.6	+1.2
BKSI	Bukitumba	20.23	97	P	P	17 10 13.9	-0.2
SUKH	Sukhothai	20.26	359	P	P	17 10 14.7	+0.4
UTTA	Utтарadit	20.53	2	P	Pn	17 10 19.0	-0.5
MHMT	Maessarieng	21.05	355	P	P	17 10 23.0	+0.1
CM01	Chiang Mai Arr	21.22	357	eP	P	17 10 23.5	-1.2
CM31	Chiang Mai Arr	21.22	357	eP	P	17 10 23.7	-1.4
CMAR	Chiang Mai Arr	21.25	357	P	P	17 10 23.4	-1.7
CMAR	Chiang Mai Arr	21.25	357	eP	P	17 14 31.4	+1.6
CMAR	Chiang Mai Arr	21.25	357	eP	P	17 19 37.7	
CMAR	Chiang Mai Arr	21.25	357	eP	P	17 10 23.7	-1.4
PHRA	Phrae	21.27	1	P	P	17 10 25.7	+0.4
LAMP	Lampang	21.30	359	P	P	17 10 32.6	+7.0
CHTO	Chiang Mai	21.61	357	P	P	17 10 33.9	+5.0
CHTO	Chiang Mai	21.61	357	eP	P	17 10 25.5	-3.4
CHTO	Chiang Mai	21.61	357	eP	P	17 10 28.4	-0.5
CHTO	Chiang Mai	21.61	357	eP	P	17 10 25.5	-3.4
PALK	Pallekele	21.73	298	LR	LR	17 18 30.2	
APSI	Ampang	21.75	85	P	P	17 10 31.6	+1.1
MRSI	Marisa	22.21	82	P	P	17 10 36.8	+1.4
CMAI	Chiang Mai	22.72	358	P	P	17 10 40.9	0.0
GTOI	GORontalo	23.82	82	P	P	17 10 47.4	+0.6
QIZ	Qiongzong	23.86	24	P	S	17 10 53.5	+1.3
QIZ				S	S	17 15 08.8	+1.6
QIZ				pmx	pmx		
QIZ				LR	LR		
SLVN	Son La	24.40	9	eP	P	17 10 53.2	-4.0
H08S2	Diego Garcia H	27.76	259	T	T	17 40 26.3	

Code	Station Name	A°	AZ°	Phase ID	Time	Res	ISC
H08S3	Diego Garcia H	27.77	259	T	T	17 40 29.3	
DGAR	Diego Garcia A	27.77	260f	eP	P	17 11 27.8	0.0
H08S1	Diego Garcia H	27.78	259	T	T	17 40 32.0	
KMI	Kunming	27.99	5	P	P	17 11 34.5	+4.6
KMI				pP	pP	17 11 43.5	+6.9
KMI				sP	sP	17 11 47.3	+7.9
KMI				S	S	17 16 13.5	+0.3
KMI				SS	SS	17 17 37.0	+8.5
KMI				pmx	pmx		
KMI				pmx	pmx		
KMI				LR	LR		
KMI				LR	LR		
KMI				LR	LR		
KMI				LR	LR		
FITZ	Fitzroy Crossi	29.33	123	P	P	17 11 41.4	-0.2
FITZ				LR	LR	17 24 57.5	
FITZ				eP	P	17 11 39.2	-2.4
ODAN	Odare	31.99	338	eP	P	17 12 07.2	+1.9
OTAP	Taplejung	32.33	339	eP	P	17 12 10.6	+2.3
RAMN	Ramite	32.37	337	eP	P	17 12 10.9	+2.3
PKIN	Phulchoki	33.41	336	eP	P	17 12 19.2	+1.5
LKSA	Lhasa	33.51	346	eP	P	17 12 19.3	+0.5
LKSA				pmx	pmx		
LKSA				pmx	pmx		
GUN	Gumba	33.51	347	eP	P	17 12 19.8	+2.1
DMN	Daman	33.55	336	eP	P	17 12 20.9	+1.9
KKK	Kakani	33.64	336	eP	P	17 12 21.6	+1.9
CD2	Chendgu	33.82	6	eP	P	17 12 22.0	+1.0
CD2				pP	pP	17 12 32.3	+4.5
CD2				PP	PP	17 13 39.3	+1.4
CD2				S	S	17 17 45.0	+1.1
CD2				sS	sS	17 18 02.6	+7.7
CD2				PcS	PcS	17 18 45.8	-0.2
CD2				pmx	pmx		
CD2				pmx	pmx		
KOLN	Koldanda	34.34	334	eP	P	17 12 27.7	+2.0
H01W3	Cape Leeuwin H	34.43	159	T	T	17 48 31.3	
H01W2	Cape Leeuwin H	34.44	159	T	T	17 48 24.9	
H01W1	Cape Leeuwin H	34.45	159	T	T	17 48 32.5	
DANN	Dangsinig	34.77	334	eP	P	17 12 31.5	+1.9
PYUN	Piuthan	34.90	333	eP	P	17 12 32.5	+1.9
WRA	Warramunga Arr	37.56	119	P	P	17 12 52.3	-1.0
WRAB	Tennant Creek	37.57	119f	eP	P	17 12 50.7	-2.6
WRAB				pmx	pmx		
WRAB				pmx	pmx		
WRAB				pmx	pmx		
WB2	Warramunga Arr	37.57	119	eP	P	17 12 52.5	-0.8
XAN	XAN	37.70	12	P	P	17 12 53.0	0.0
XAN				pP	pP	17 13 02.5	-1.3
XAN				sP	sP	17 13 07.5	+3.6
XAN				pmx	pmx		
ASAR	Alice Springs	38.74	125	P	P	17 13 02.8	-0.4
ASAR				PcP	PcP	17 15 14.8	0.0
ASAR				P	P	17 18 57.9	-1.7
ASAR				LR	LR	17 30 40.3	
LZH	Lanzhou	38.91	5	eP	P	17 13 05.5	+0.5
LZH				pP	pP	17 13 14.5	+2.7
LZH				sP	sP	17 13 18.0	+3.4
LZH				pmx	pmx		
LZH				pmx	pmx		
NJ2	Nanjing	39.12	26	eP	P	17 13 06.0	-0.1
NJ2				S	S	17 19 04.3	-0.4
NJ2				pmx	pmx		
NJ2				LR	LR		
GAT	Gaotai	42.11	360	eP	P	17 13 31.3	+0.4
GTA				pP	pP	17 13 40.3	+2.5
GTA				sP	sP	17 13 44.8	+4.2
GTA				PcP	PcP	17 15 26.3	+0.9
GTA				S	S	17 19 49.5	0.0
GTA				sS	sS	17 20 05.5	+4.7
GTA				SS	SS	17 22 50.8	-6.8
GTA				pmx	pmx		
GTA				pmx	pmx		
GTA				LR	LR		
GTA				LR	LR		
GTA				LR	LR		
GTA				LR	LR		
HHC	Hu-ho-hao-te	44.82	12	eP	P	17 13 53.5	+0.8
HHC				sP	sP	17 14 07.5	+5.1
HHC				PP	PP	17 15 38.3	+0.6
HHC				S	S	17 20 30.5	+1.5
HHC				pmx	pmx		
HHC				pmx	pmx		
HHC				LR	LR		
HHC							

30d 18h

Table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like Erkin-Say, Ala-Archa, Khabaz, etc.

2011 JAN

Table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like ARCES Array B, WHN Wuhan, BOD Bodaibo, etc.

1560

Table with columns: Code, Station Name, Az, El, Phase, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAJ Asahikawa, VLA Vladivostok, USRK Ussuriysk, etc.

Table with columns: Property Name, Address, Price, Status, Date, and other details. Includes listings for BRKL, FIB, OPT, etc.

Table with columns: Property Name, Address, Price, Status, Date, and other details. Includes listings for I04A, I05D, RES, etc.

Table with columns: Property Name, Address, Price, Status, Date, and other details. Includes listings for TMUT, F28A, A32A, etc.

SWSC Sam W. Stewart baz=317	36.42	123	P	P	18 26 18.1 +0.6	R32A baz=320,SNR=6.3 Long Quarter, baz=322	39.72	99	P	P	18 26 45.9 +0.7	W35A Tecumseh baz=324,SNR=8.4	43.21	100	P	P	18 27 13.9 +0.2
M29A Burnside Ranch baz=321	36.42	98	P	P	18 26 18.1 +0.5	P31A Walnut Farm, R baz=321	39.76	96	P	P	18 26 46.0 +0.4	U38A Gravelle baz=323,SNR=2.4	43.39	97	P	P	18 27 14.8 -0.4
H34A Spellman Lake, baz=316,SNR=5.1	36.46	90	P	P	18 26 17.9 +0.2	S31A Mullinville baz=322	39.98	101	P	P	18 26 47.9 +0.5	S40A Lebanon baz=322,SNR=7.3	43.40	94	P	P	18 27 14.7 -0.5
K31A O'Neill baz=318	36.48	95	P	P	18 26 18.1 +0.1	M38A Pleasantville baz=321	40.12	91	P	P	18 26 49.0 +0.5	T39A Clever baz=322,SNR=8.2	43.42	95	P	P	18 27 15.2 -0.3
C38A Sawbill Land, baz=314	36.50	83	P	P	18 26 17.9 -0.2	N37A Lee Faris, Mou baz=320	40.12	93	P	P	18 26 49.5 +1.0	Z32A Haskell baz=325,SNR=6.0	43.46	105	P	P	18 27 16.1 +0.4
L30A Spencer Herefo baz=319	36.51	97	P	P	18 26 18.7 +0.4	R33A Olander Ranch, baz=322,SNR=5.2	40.16	99	P	P	18 26 49.6 +0.7	V37A Hulbert baz=323	43.47	98	P	P	18 27 15.5 -0.3
N28A Priebnow Ranch baz=320	36.59	100	P	P	18 26 19.9 -0.1	P35A Duane Milner, baz=321	40.17	96	P	P	18 26 49.6 +0.7	NR1K Noril'sk 7.0nm,0.8s,baz=56,slow=7.0,SNR=4.3	43.51	334	P	P	18 27 15.8 +0.1
F36A Milaca baz=315	36.70	87	P	P	18 26 19.7 0.0	Q34A Chapman baz=321,SNR=6.8	40.19	97	P	P	18 26 50.0 +0.8	W36A Wetumka baz=324	43.53	100	P	P	18 27 16.3 0.0
ECSD EROS Data Cent baz=317,SNR=9.1	36.71	92	P	P	18 26 19.8 -0.1	KSU1 Kansas State U baz=321,SNR=6.2	40.22	97	P	P	18 26 50.0 +0.7	131A Roby baz=326	43.54	106	P	P	18 27 16.5 0.0
ECSD EROS Data Cent GLA Glamis baz=320	36.71	92	eP	P	18 26 19.8 -0.1	KSU1 Kansas State U O36A Bolckow baz=320	40.22	97	eP	P	18 26 49.8 +0.5	T40A Wainfield baz=322	43.75	95	P	P	18 27 17.5 -0.5
Y14A Wickenburg M30A Dale-Ortello V baz=319	36.74	119	eP	P	18 26 22.8 +2.5	121A Cookes Peak, D baz=328	40.24	114	P	P	18 26 51.5 +1.8	Y34A Reagan Ranch, baz=325	43.75	102	P	P	18 27 18.6 +0.5
E37A Wrenshall baz=315	36.75	85	P	P	18 26 19.7 -0.5	U30A WK&E Inc. Balk baz=324	40.28	103	P	P	18 26 50.9 +1.0	X35A Drake baz=324	43.77	101	P	P	18 27 18.2 0.0
L31A Butteld Fa baz=319	36.77	95	P	P	18 26 19.9 -0.6	T31A Randall Ranch, baz=321,SNR=7.7	40.30	101	P	P	18 26 50.9 +0.9	Z33A Whitaker Ranch baz=325	43.81	104	P	P	18 27 18.6 0.0
K32A Verdigre baz=318	36.84	94	P	P	18 26 20.9 -0.1	JFWS Jewell Farm, P36A Good Intent, A baz=321,SNR=7.1	40.45	87	eP	P	18 26 51.2 0.0	V38A Canehill baz=323,SNR=26	43.84	97	P	P	18 27 18.8 0.0
J33A Davis baz=318	36.84	92	P	P	18 26 21.1 0.0	R34A Isabelle, Hill O37A Wolfen Farm, M baz=320,SNR=5.7	40.53	98	P	P	18 26 52.2 +0.6	Z30A Sterling City baz=326,SNR=5.8	43.85	107	P	P	18 27 19.8 +0.8
I34A Hadley baz=317	36.86	91	P	P	18 26 21.3 +0.1	Q35A Mercer Eighty, baz=321,SNR=6.8	40.60	93	P	P	18 26 52.5 +0.6	SFIN Lafayette baz=324	43.91	87	P	P	18 27 19.4 +0.2
H35A Sunnyside Ranc baz=316	36.89	89	P	P	18 26 21.5 +0.1	U31A Nine Bar Ranch baz=323	40.68	96	P	P	18 26 53.6 +0.5	X36A Centrahoma baz=324	43.93	100	P	P	18 27 19.9 +0.4
N29A Votaw Ranch, W baz=320	36.93	99	P	P	18 26 23.0 +1.1	N39A Derby Farms, D Q36A Arnold C. Orve baz=321,SNR=7.3	40.87	91	P	P	18 26 54.8 +0.6	ABTX Abilene, Hawle baz=325,SNR=5.7	43.94	105	eP	P	18 27 20.2 +0.5
C39A Grand Marais baz=314	36.99	82	P	P	18 26 22.8 +0.6	P37A Lathrop baz=321,SNR=18	40.89	96	P	P	18 26 54.7 0.0	ABTX Abilene, Hawle Y35A Marietta baz=325	44.14	102	P	P	18 27 21.7 +0.5
SDCO Great Sand Dun baz=324,SNR=9.6	37.00	107	P	P	18 26 24.4 +1.6	O38A Gal baz=320	40.95	94	P	P	18 26 55.3 +0.5	Z34A Collier Ranch, baz=325	44.15	103	P	P	18 27 21.7 +0.4
SDCO Great Sand Dun G36A St. Michael baz=316	37.00	107	eP	P	18 26 24.5 +1.8	T33A Patterson Ranc baz=323	40.95	94	P	P	18 26 56.1 +0.8	231A Bronte baz=326	44.19	107	P	P	18 27 22.1 0.0
L32A Elgin baz=319	37.03	87	P	P	18 26 23.4 +0.7	R35A Emporia Munic baz=322	40.97	93	P	P	18 26 55.6 +0.2	330A Mertzton baz=322,SNR=10.0	44.22	108	P	P	18 27 22.8 +0.8
M31A Lambrecht Ranc baz=320	37.33	97	P	P	18 26 25.8 +0.7	T33A Patterson Ranc baz=323	41.00	100	P	P	18 26 56.2 +0.4	133A Hamilton Ranch baz=326,SNR=5.9	44.30	105	P	P	18 27 22.9 +0.4
P28A Saint Francis baz=321	37.34	101	P	P	18 26 26.0 +0.8	R35A Emporia Munic baz=322	41.02	97	P	P	18 26 56.2 +0.2	X37A Clayton baz=324,SNR=7.5	44.39	99	P	P	18 27 24.0 +0.8
K33A Hardington baz=318	37.35	93	P	P	18 26 26.2 +0.7	S34A Willow Spring baz=322	41.06	98	P	P	18 26 56.4 +0.1	W38A Potemau baz=324	44.42	98	P	P	18 27 23.6 +0.2
KSCO Kaye Shedlock' baz=322	37.36	103	P	P	18 26 26.9 +1.2	AMTX Amarillo baz=325	41.12	105	P	P	18 26 56.4 +0.1	Z35A Perchaven, San baz=325	44.50	102	P	P	18 27 24.5 +0.4
KSCO Kaye Shedlock' H36A Jessenland, He baz=316,SNR=6.4	37.36	103	eP	P	18 26 27.1 +1.5	AMTX Amarillo U32A Winter Ranch, baz=323	41.12	105	eP	P	18 26 58.1 +1.2	Y36A Durant baz=324	44.51	101	P	P	18 27 25.0 +0.9
I35A Creeview Farm baz=317	37.42	90	P	P	18 26 27.0 +1.1	ASAJ Asahikawa 1.8nm,1.0s,baz=4.1,slow=14,SNR=3.6	41.23	277	P	P	18 26 58.9 +2.0	232A Coleman baz=326,SNR=5.2	44.55	106	P	P	18 27 25.6 +1.1
SPMN Marine on St. baz=316	37.51	87	P	P	18 26 26.2 +0.2	V31A Spring Creek L baz=324	41.23	103	P	P	18 26 56.7 -0.9	X38A Whitesboro baz=325,SNR=9.1	44.59	99	P	P	18 27 25.6 +0.8
L33A Hoskins baz=319	37.55	94	P	P	18 26 27.0 +0.3	P38A Dawn baz=320	41.32	93	P	P	18 26 58.9 +0.8	OLIL Olney baz=326	44.69	89	eP	P	18 27 25.7 +0.2
J35A Milford baz=318	37.67	91	P	P	18 26 27.4 +0.4	O39A Kirksville baz=320	41.32	92	P	P	18 26 58.0 -0.2	134A White-Moore Ra baz=326	44.73	104	P	P	18 27 26.4 +0.5
BGNE Belgrade baz=319	37.69	96	P	P	18 26 28.4 +0.4	MSTX Muleshoe baz=325,SNR=6.4	41.35	107	P	P	18 26 58.4 +0.1	Y37A Hugo baz=324,SNR=6.8	44.76	100	P	P	18 27 27.3 +1.1
BGNE Belgrade P29A Atwood baz=321	37.69	96	eP	P	18 26 28.9 +0.6	MSTX Muleshoe R36M R9m,0.6s,baz=340,slow=6.8,SNR=2.2	41.35	107	eP	P	18 27 00.2 +1.4	TXAR Lajitas Array 2.5nm,0.6s,baz=318,slow=6.0,SNR=32	44.81	112	P	P	18 27 28.2 +1.5
K34A Le Mars baz=318	37.72	100	P	P	18 26 29.4 +1.1	MSTX Muleshoe G36A Arnold C. Orve baz=321,SNR=7.3	41.36	96	P	P	18 26 60.0 +1.1	TXAR 1.9nm,0.6s,baz=318,slow=6.0,SNR=32	44.81	112	P	P	18 27 28.2 +1.5
H37A Dierke Farm, C baz=316	37.74	92	P	P	18 26 29.0 +0.4	Q37A Longview Farm, baz=321,SNR=5.1	41.45	95	P	P	18 26 59.2 +0.5	Z36A Blue Ridge baz=325	44.95	102	P	P	18 27 27.9 +0.3
T25A Trinidad baz=324	37.74	92	P	P	18 26 28.9 +0.2	S35A Otter Creek Ra baz=322,SNR=16	41.47	98	P	P	18 26 59.7 +0.3	W40A Ferguson Farm, baz=323	45.03	97	P	P	18 27 28.3 +0.1
I37A Lemond, Waseca baz=317,SNR=7.2	38.09	89	P	P	18 26 31.2 +1.1	T34A McClaskey Farm baz=323,SNR=9.9	41.56	99	P	P	18 27 00.1 +0.5	PBMO Poplar Bluff X39A Fountain Ranch baz=324	45.07	98	P	P	18 27 28.4 -0.1
P30A Selden baz=321	38.10	100	P	P	18 26 32.4 +1.3	R37A Teagarden Farm baz=322,SNR=9.0	41.70	96	P	P	18 27 01.0 +0.6	234A Clairette baz=326,SNR=7.3	45.17	104	P	P	18 27 29.0 +0.5
J36A Seneca 1, Swea baz=318	38.13	90	P	P	18 26 32.4 +0.8	W31A Holland Ranch, baz=324	41.70	103	P	P	18 27 01.3 -0.1	Y38A Idabel baz=324	45.24	99	P	P	18 27 30.2 +0.8
K35A Storm Lake baz=318	38.14	92	P	P	18 26 32.3 +0.5	V32A Aradaho baz=324	41.70	102	P	P	18 27 02.1 +0.5	MIAR Mount Ida baz=324,SNR=16	45.30	98	P	P	18 27 31.3 +1.4
Q29A Oakley baz=322,SNR=11	38.25	101	P	P	18 26 32.1 +0.1	O40A La Belle baz=320	41.76	91	P	P	18 27 02.2 +0.7	MIAR Mount Ida 333A Richland Sprin baz=326	45.30	98	eP	P	18 27 31.0 +0.6
R28A Tribune baz=322	38.25	101	P	P	18 26 34.1 +1.0	S36A Lake Cedric, C baz=322,SNR=12	41.79	97	P	P	18 27 02.1 +0.2	333A Richland Sprin baz=326	45.30	98	eP	P	18 27 30.5 +0.1
M34A Aspy Farms, Fr baz=319	38.28	102	P	P	18 26 34.4 +1.0	Q38A Cooks Store, C baz=321,SNR=8.1	41.79	94	P	P	18 27 02.4 +0.2	Z37A Pop Cattle C baz=325	45.33	106	P	P	18 27 31.4 +0.7
Q32A Brockman Farm, baz=320	38.28	102	P	P	18 26 34.4 +1.0	P39A Salisbury baz=321	41.81	93	P	P	18 27 02.3 +0.1	WHTX Lake Whitney, baz=326,SNR=5.3	45.40	101	P	P	18 27 31.4 +0.3
214A Organ Pipe Nat baz=330	38.52	120	P	P	18 26 34.2 +0.1	U34A Anderson Ranch baz=323,SNR=8.8	41.81	93	P	P	18 27 02.3 -0.1	WHTX Lake Whitney, Y39A Lockesturg baz=324	45.50	104	eP	P	18 27 33.0 +1.0
J37A Redenius Farm, baz=318,SNR=6.2	38.53	89	P	P	18 26 36.1 +1.0	U34A Anderson Ranch X30A Coker Ranch, T baz=325	41.86	100	P	P	18 27 03.5 +0.7	136A Ennis baz=325	45.55	102	P	P	18 27 32.9 +0.6
R31A Stockton baz=321	38.54	99	P	P	18 26 36.9 +1.5	HSIG Sooner Cattle T35A Sooner Cattle baz=323,SNR=11	41.86	100	eP	P	18 27 03.8 +0.9	JCT Junction City baz=327,SNR=12	45.64	107	P	P	18 27 34.3 +1.1
P29A Marienthal baz=322,SNR=11	38.54	102	P	P	18 26 35.9 +0.6	T35A Sooner Cattle baz=323,SNR=11	41.98	99	P	P	18 27 04.6 +1.7	JCT Junction City 334A Lometa baz=326,SNR=6.3	45.64	107	eP	P	18 27 34.4 +1.2
N33A J Bar K, Exete baz=320	38.54	96	P	P	18 26 36.1 +0.7	V33A Lossen Ranch, baz=324	41.99	101	P	P	18 27 04.0 +0.3	X40A Basin Creek Fa baz=324	45.67	105	P	P	18 27 34.3 +0.9
Q30A Quinter baz=322	38.55	100	P	P	18 26 36.7 +1.2	MNTX Cornudas Mount baz=328,SNR=9.0	42.03	112	P	P	18 27 04.4 +0.5	433A Art baz=327	45.71	97	P	P	18 27 33.5 -0.1
K36A Gilmore City baz=318,SNR=5.3	38.59	91	P	P	18 26 36.1 +0.7	Q39A Willow Grove F W32A Sentinel baz=324	42.04	93	P	P	18 27 06.1 +1.9	433A Art baz=327	45.75	106	P	P	18 27 34.1 +0.1
I38A Scanlan Farm, baz=317	38.60	88	P	P	18 26 36.2 +0.7	P40A Paris baz=320	42.09	103	P	P	18 27 04.3 +0.1	137A Heron Place, G baz=325	45.82	101	P	P	18 27 34.8 +0.3
ANMO Albuquerque baz=326	38.83	110	P	P	18 26 36.9 +1.1	S37A Fort Scott baz=322,SNR=7.9	42.12	92	P	P	18 27 04.7 -0.2	Y40A Okolona baz=324	45.88	98	P	P	18 27 34.8 -

30d 18h

BAR	Barrett	83.24	57	eP	P	18 46 43.7	+0.2
BW06	Boulder Array	83.25	45	P	P	18 46 43.1	-0.6
BW06	Boulder Array	83.25	45	eP	P	18 46 43.5	-0.2
PDAW	Pinedale Array	83.25	45	P	P	18 46 43.3	-0.4
MPU	Maple Canyon	83.29	48	eP	P	18 46 44.1	+0.2
CCUT	Cedar City	83.31	51	eP	P	18 46 45.0	+0.9
MONP2	Monument Peak	83.33	57	P	P	18 46 43.3	-0.9
AKASG	Malin Array Be	83.39	32	P	P	18 46 43.5	-0.3
AKASG				LR	LR	19 27 06.9	
DGMT	Dagmar	83.39	38	eP	P	18 46 44.1	+0.1
KIEV	Kiev	83.40	324f	eP	P	18 46 43.9	0.0
KIEV				pmax	pmax		
KIEV	Kiev	83.40	324	eP	P	18 46 43.5	-0.4
LCMT	Little Creek M	83.66	52	eP	P	18 46 46.1	+0.4
MSU	Marysvale	83.66	50	eP	P	18 46 46.5	+0.6
MSU	Marysvale	83.66	50	eP	P	18 46 45.5	+0.6
IRM	Iron Mountain	83.67	55	P	P	18 46 45.4	-0.3
BC3	Big Chuckawall	83.68	56	P	P	18 46 45.8	-0.1
A25A	Svangustu Ranch	83.72	38	P	P	18 46 45.6	-0.1
SIM	Simferopol'	83.85	318	eP	P	18 46 45.9	-0.5
SIM				pmax	pmax		
SIM				MLR	MLR		
TMUT	Trail Mountain	83.93	49	eP	P	18 46 47.8	+0.5
B25A	Knox Farm, Ray	84.08	38	P	P	18 46 47.8	+0.2
NB2	NORSAR Subarra	84.08	339	P	P	18 46 47.2	-0.1
NB2	NORSAR Subarra	84.08	339	P	P	18 46 47.2	-0.1
NOA	NORSAR Array B	84.08	339	P	P	18 46 47.3	-0.1
NOA				LR	LR	19 30 44.8	
Q16A	Castle Valley	84.14	49	eP	P	18 46 49.1	+0.8
P17A	Butcher Ranch,	84.15	49	eP	P	18 46 49.1	+0.8
Y12C	Blythe	84.32	55	P	P	18 46 48.4	-0.6
SUW	Suwalki	84.33	329	ePKP	P	18 46 48.3	-0.3
SUW	Suwalki	84.33	329	eP	P	18 46 48.3	-0.3
A26A	Wade Farm, Ken	84.33	37	P	P	18 46 48.7	0.0
PDMCI	Parker Dam, Lak	84.34	54	P	P	18 46 49.0	0.0
P18A	Preston Nutter	84.41	48	eP	P	18 46 50.1	+0.4
SRU	San Rafael Swe	84.48	49	eP	P	18 46 50.3	+0.3
SRU	San Rafael Swe	84.48	49	eP	P	18 46 50.2	+0.3
MALT	Malatya	84.53	310	UP	P	18 46 51.9	+1.8
MALT	Malatya	84.53	310	UP	P	18 46 51.9	+1.8
D25A	Fairfield	84.62	39	P	P	18 46 49.9	-0.4
A27A	Ledoux Ranch,	84.72	37	P	P	18 46 50.8	0.0
C26A	Wahner Farm, P	84.92	38	P	P	18 46 51.6	-0.2
E25A	Miller Ranch,	84.94	40	P	P	18 46 51.8	-0.2
D26A	Manning	85.19	39	P	P	18 46 52.2	-0.9
K22A	Casper	85.21	44	P	P	18 46 53.3	-0.3
K22A	Casper	85.21	44	eP	P	18 46 53.5	0.0
F25A	Bowman	85.24	40	P	P	18 46 53.1	-0.4
A28A	Rude Farm, Bot	85.27	36	P	P	18 46 53.5	0.0
C27A	Sayler Ranch,	85.31	38	P	P	18 46 53.7	0.0
O20A	White River Ci	85.46	47	P	P	18 46 54.5	-0.4
O20A	White River Ci	85.46	47	eP	P	18 46 55.0	+0.1
B28A	Dugan Ranch, T	85.49	37	P	P	18 46 54.3	-0.4
E26A	Carlson Angus	85.49	39	P	P	18 46 54.5	-0.2
SFJD	Kangerlussuaq	85.56	6	i P	P	18 46 55.4	+0.9
SFJD				pmax	pmax		
SFJD	Kangerlussuaq	85.56	6	i P	P	18 46 55.4	+0.9
SFJD	Kangerlussuaq	85.56	6	i P	P	18 46 55.7	+1.1
D27A	Center	85.65	38	P	P	18 46 54.8	-0.7
G25A	Nevelt	85.68	41	P	P	18 46 55.3	-0.4
WUAZ	Wupatki	85.71	52	P	P	18 46 55.9	-0.2
PV09	Paradox Valley	85.73	49	eP	P	18 46 56.8	+0.4
F26A	Lodgepole	85.73	40	P	P	18 46 55.7	-0.2
A29A	Manning Farm,	85.81	36	P	P	18 46 56.3	+0.1
PV10	Paradox Valley	85.85	49	eP	P	18 46 57.4	+0.4
H25A	Fruitdale	85.89	41	P	P	18 46 56.9	+0.1
C28A	Hausauer Farms	85.92	38	P	P	18 46 57.1	+0.3
RSSD	Black Hills	85.92	42	eP	P	18 46 56.9	-0.2
RSSD	Black Hills	85.92	42	eP	P	18 46 56.5	-0.6
RSSD	Black Hills	85.92	42	eP	P	18 46 56.9	-0.2
B29A	Wagenman Farm,	86.02	39	P	P	18 46 57.0	-0.3
E27A	Carson	86.06	39	P	P	18 46 57.3	-0.1
F27A	Leimmon	86.09	40	P	P	18 46 57.7	0.0
G26A	Maurine	86.09	40	P	P	18 46 57.6	-0.1
D28A	Regan	86.13	38	P	P	18 46 58.5	+0.7
I25A	Rochford	86.16	42	P	P	18 46 58.1	-0.2
MDND	Maddock	86.26	37	P	P	18 46 58.5	+0.1
MDND	Maddock	86.26	37	eP	P	18 46 59.0	+0.6
A30A	Hoffart Farm,	86.28	36	P	P	18 46 58.8	+0.2
PV01	Paradox Valley	86.30	49	eP	P	18 46 59.2	+0.1
RAYN	Ar Rayn	86.37	294	eP	P	18 47 00.0	+0.5
RAYN	Ar Rayn	86.37	294	eP	P	18 47 00.1	+0.6
H26A	Fairpoint	86.38	41	P	P	18 46 59.0	-0.1
E28A	Huff	86.42	39	P	P	18 46 59.8	-0.4
G27A	Dupree	86.43	40	P	P	18 46 59.3	-0.1
214A	Organ Pipe Nat	86.45	56	P	P	18 46 59.4	-0.3
J25A	Sunshine Ranch	86.47	42	P	P	18 46 59.4	-0.3
N23A	Red Feather La	86.53	45	P	P	18 47 00.4	+0.2
N23A	Red Feather La	86.53	45	eP	P	18 47 01.3	+1.1
B30A	Myrvik Farm, E	86.57	36	P	P	18 46 59.9	0.0
PHWY	Pilot Hill	86.62	45	eP	P	18 47 01.2	+0.5
I26A	New Underwood	86.67	42	P	P	18 47 00.2	-0.4
ULM	Lac du Bonnet	86.69	34	P	P	18 47 00.2	-0.3
D29A	Petitbone, Tap	86.74	38	P	P	18 47 00.4	-0.4
H27A	Howes	86.78	41	P	P	18 47 01.1	0.0
F28A	McLaughlin	86.80	39	P	P	18 47 01.3	+0.2
SMCO	Snowmass	86.80	47	eP	P	18 47 02.3	+0.6
MVCO	Mesa Verde	86.83	50	P	P	18 47 01.1	-0.7
MVCO	Mesa Verde	86.83	50	eP	P	18 47 01.9	+0.1
B31A	Greenbush Farm	86.94	36	P	P	18 47 01.9	+0.1
C30A	Mose, Pekin	86.95	37	P	P	18 47 01.7	-0.2

2011 JAN

J26A	Sides Ranch, S	86.95	42	P	P	18 47 02.1	+0.1
BR13	Keskin Array S	86.97	313	eP	P	18 47 02.2	-0.1
BRTR	Keskin Array B	86.97	312	P	P	18 47 02.1	-0.1
BRTR				LR	LR	19 30 26.6	
E29A	Napoleon	87.01	38	P	P	18 47 02.2	0.0
W18A	Petrified Fore	87.07	52	P	P	18 47 02.0	-0.9
I27A	Quinn	87.12	41	P	P	18 47 02.8	0.0
D30A	Buchanan	87.17	37	P	P	18 47 02.5	-0.4
G28A	Parade	87.19	40	P	P	18 47 02.6	-0.5
A32A	Rocking H Ranc	87.23	35	P	P	18 47 02.6	-0.5
TESR	Tescani	87.25	322	UP	P	18 47 03.0	-0.3
C31A	Landman Farms,	87.29	36	P	P	18 47 03.3	-0.1
ISCO	Idaho Springs	87.34	46	eP	P	18 47 04.9	+0.6
ISCO	Idaho Springs	87.34	46	eP	P	18 47 03.6	-0.6
ISCO	Idaho Springs	87.34	46	eP	P	18 47 04.9	+0.6
BURAR	Bucovina Array	87.35	323	UP	P	18 47 04.3	+0.4
F29A	Eureka	87.35	39	P	P	18 47 04.0	+0.2
KWP	Kalwaria Pacia	87.36	326	UP	P	18 47 03.5	-0.3
KWP	Kalwaria Pacia	87.36	326	UP	P	18 47 03.1	-0.9
H28A	Mission Ridge	87.36	40	P	P	18 47 03.0	-0.3
E30A	Jud	87.45	38	P	P	18 47 04.0	-0.3
B32A	Ashford	87.54	35	P	P	18 47 04.5	-0.1
VRI	Vrincioaia	87.60	321	UP	P	18 47 06.4	+1.4
VRI	Vrincioaia	87.60	321	UP	P	18 47 06.4	+1.4
J27A	Elkhorn Farm,	87.62	42	P	P	18 47 04.6	-0.7
PLOR	Plostina	87.65	321	UP	P	18 47 06.0	+0.7
PLOR	Plostina	87.65	321	UP	P	18 47 06.0	+0.7
S22A	4UR Ranch, Cre	87.67	48	eP	P	18 47 05.3	-0.5
S22A	4UR Ranch, Cre	87.67	48	eP	P	18 47 05.5	+0.6
I28A	Midland	87.68	41	P	P	18 47 05.2	-0.2
G29A	Hoven	87.68	39	P	P	18 47 04.5	-1.0
TUC	Tucson	87.76	55	eP	P	18 47 06.0	-0.1
TUC				pmax	pmax		
TUC	Tucson	87.76	55	eP	P	18 47 06.0	-0.1
D31A	McClaffin, Tow	87.76	37	P	P	18 47 05.4	-0.3
A33A	Warroad	87.78	34	P	P	18 47 05.1	-0.6
F30A	Leopold, SNR=6.7	87.80	38	P	P	18 47 05.6	-0.3
H29A	Onida	87.86	40	P	P	18 47 05.7	-0.6
AGMN	Agassiz Nation	87.95	35	P	P	18 47 06.4	-0.2
AGMN	Agassiz Nation	87.95	35	eP	P	18 47 06.4	-0.2
E31A	Nome	87.97	37	P	P	18 47 06.6	-0.2
J28A	Allard Ranch,	87.98	41	P	P	18 47 06.5	-0.4
KOLS	Kolonick sedl	88.03	326	eP	P	18 47 06.6	-0.4
KOLS	Kolonick sedl	88.03	326	eP	P	18 47 06.6	-0.4
Q24A	Divide	88.11	47	P	P	18 47 07.4	-0.5
G30A	Faulkton	88.16	39	P	P	18 47 07.2	-0.5
I29A	Vivian Onida	88.17	40	P	P	18 47 07.5	-0.2
F31A	Hecla	88.21	38	P	P	18 47 07.8	-0.1
STHS	Stebnicka Huta	88.22	327	eP	P	18 47 08.5	+0.6
STHS	Stebnicka Huta	88.22	327	eP	P	18 47 08.5	+0.6
K28A	Ten Mile Ranch	88.32	42	P	P	18 47 08.0	-0.6
C33A	Trail	88.34	36	P	P	18 47 07.9	-0.5
OJC</							

30d 18h

Table with columns for station name, frequency, mode, and coordinates. Includes stations like GHIR, GHIH, GHIR-Karzin, etc.

2011 JAN

Table with columns for station name, frequency, mode, and coordinates. Includes stations like GNI, GNI, GNI, etc.

1570

Table with columns for station name, frequency, mode, and coordinates. Includes stations like VRAC, DPC, DPC, etc.

DSN 30 18:58:04.2, 1.2, 28.16N:52.94E, h15km, mb4.0/7, ML5.4/7, Error ellipse: s-maj=24.0km s-min=5.6km az=19.0 NEIC 30 18:58:13.9, 27.12N:53.37E, h28km, mb4.8/25, ML4.4(TH), ML4.4(TH), After TEH. BUJ 30 18:58:13.2, 27.32N:53.05E, h28km, mb4.6/37, mB5.1/25, Ms4.5/15, M57.4/21/4. TEH 30 18:58:13.8, 0.3, 27.01N:53.47E, h18km, 5km, ML4.4 MOS 30 18:58:16.2, 0.1, 27.23N:53.47E, h33km, mb5.0/34, Error ellipse: s-maj=7.1km s-min=4.2km az=102.5 TEH 30 18:58:16.3, 27.11N:53.40E, h18km, ML4.3 CSEM 30 18:58:16.8, 0.1, 27.29N:53.54E, h20km, mb4.7/48, Error ellipse: s-maj=4.7km s-min=3.2km az=24.0 ISCJB 30 18:58:17.7, 0.4, 27.26N:03.53:45E:0.02, h44km, 3km, mb4.6/101, MS3.9/9, Error ellipse: s-maj=4.9km s-min=3.1km az=21.6 IDC 30 18:58:19.4, 2.3, 27.44N:53.50E, h33km, 17km, mb4.2/37, mb1.4/245, mb1mx4.2/64, mbtmp4.3/45, ML3.8/7, MS3.6/11,

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KURBB Kurchatov Arra, KURKB Kurchatov, KURK Kurchatov, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GRFO Grafenberg, DAVOX Davos/Dischmat, DGPR DIGLIPUR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LBTB comp=Z,35nm,1.8s, LBTB Lobatse, LBTB comp=Z,35nm,1.8s, etc.

ISCJB 30 19:00:11.9:0.7,27:0N:0.1x143:81E:0:08,h10km, mb3.8/9, Error ellipse: s-maj=15.2km s-min=10.2km

IDC 30 19:00:12.3:0.26:95N:143:82E,h0km,mb3.7/9, mb1.4/0.10,mb1mx3.7/42,mbtmp3.7/10,ML3.0/9, Error ellipse: s-maj=24.2km s-min=18.5km az=100.0

ISC 30 19:00:13.8:0.9,27:0N:0.1x143:74E:0:09,h10km,n11, o569/12,mb3.8/9,Bonin Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like Code Station Name, Delta, Azimuth, Phase ID, Time Res, h m s, ISC.

IDC 30 19:09:16.3:0.9,26:83N:143:43E,h0km,mb3.6/11, mb1.3/8/14,mb1mx3.7/38,mbtmp3.6/14,ML3.0/3, Error ellipse: s-maj=22.1km s-min=16.6km az=68.0

JMA 30 19:09:22.1,27:41N:143:47E,h73km,5km,M3.2

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like Code Station Name, Delta, Azimuth, Phase ID, Time Res, h m s, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, FITZ, ZALV, MKAR, ASAR, KURBB, ILAR, GEYT, YKA, FINES.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TORD, ASAR, STKA, WRA, INK, ILAR, TXAR.

ISCJ 30 19:18:42.0, 9.26:97N, 0.09:143:82E, 0.07, h10km, mb3.6/5, Error ellipse: s-maj=13.2km s-min=8.4km az=169.1

ISCJ 30 19:18:43.1, 1.5:26:83N, 143:64E, h0km, mb3.6/5, mb1 3.7/8, mb1mx3.3/4.1, mbtmp3.6/ML3.2/1, Error ellipse: s-maj=35.4km s-min=18.7km az=64.0

JMA 30 19:18:44.7, 0.3:27:10N, 143:66E, h0km, M3.7, ISCJ 30 19:18:44.4, 1.2:27:00N, 0.1:143:67E, 0.08, h10km, n12, c093/14, mb3.5/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CJJ, CBJ, JHH, MJAR, JFK, KRSR, USR, SONM, WRA, ASAR, MKAR, BVAR.

ISCJ 30 19:21:51.8, 1.6:31:54N, 135:65E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.3/4.1, mbtmp3.5/5, ML3.2/1, Error ellipse: s-maj=43.5km s-min=31.0km az=98.0

JMA 30 19:22:10.8, 0.1:33:51N, 137:30E, h389km, M3.1, ISCJ 30 19:22:13.6, 0.7:33:4N, 0.1:137:30E, 0.1, h350km, mb3.1/4, Error ellipse: s-maj=18.4km s-min=9.7km az=140.5

ISCJ 30 19:22:12.6, 0.1:33:52N, 0.2:137:1E, 0.2, h350km, n17, c186/14, mb3.1/4, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIE, JKN, JNY, JRY, JHO, BSO, MJAR, MAT, JAT, JHO, CMAR, FITZ, WRA, ASAR.

ISCJ 30 19:25:42.5, 2.5:26:87N, 143:73E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.3/3.6, mbtmp3.3/4, ML3.5/1, Error ellipse: s-maj=62.9km s-min=25.8km az=64.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CJJ, JHH, BSO, JHU, JHO, MJAR, WRA, ASAR, MKAR.

WEL 30 19:30:56.0, 5.0:37:69S, 175:63E, h5km, ML3.5/1, 3C-SD, Error ellipse: s-maj=0.8km s-min=0.6km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TOZ, TGR, KARZ, MYRZ, TLZ, UTU, LIRZ, MKAZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAZ, OMRZ, OPZR, GRZR, HSRZ, KUTZ, ETAZ, WAZ, WIAZ, AWAZ, WATZ, WATZ, HIZ, HIZ, HIZ, WATZ, RAIZ, RAIZ, RAVZ, ABWZ, TAWZ, TWVZ, KRVZ, KRVZ, KRVZ, WTVZ, WTVZ, GRZ.

MEX 30 19:37:18.9, 0.5:17:17N, 100:49W, h30km, mb3.6/5, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAIG, ZIIG, ZIIG, ARIG, MEIG, MEIG, PLIG, YAIG, YAIG.

ISCJ 30 19:44:39.8, 0.8:37:4S, 0.4:51:4E, 0.2, h10km, mb3.8/8, Error ellipse: s-maj=56.4km s-min=15.4km az=16.3

ISCJ 30 19:44:39.0, 0.7:37:39S, 51:39E, h0km, mb3.9/8, mb1 4.0/8, mb1mx3.8/4.1, mbtmp3.9/8, Error ellipse: s-maj=59.1km s-min=18.4km az=19.0

ISCJ 30 19:44:41.5, 1.0:37:4S, 0.4:51:4E, 0.2, h10km, n14, c099/12, mb3.9/8, South Indian Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BOSA, LBTB, TSUM, H01W2, H01W3, H01W1, TORD, ASAR, CMAR, STKA, WRA, INK, ILAR, ILAR, YKA.

ISCJ 30 19:48:51.9, 0.7:26:95N, 143:87E, h0km, mb3.8/14, mb1 3.9/16, mb1mx3.8/4.9, mbtmp3.7/16, ML3.6/2, Error ellipse: s-maj=22.0km s-min=15.5km az=80.0

ISCJ 30 19:48:55.1, 0.6:27:08N, 0.05:143:80E, 0.05, h33km, mb3.8/14, Error ellipse: s-maj=8.0km s-min=6.5km az=147.2

JMA 30 19:48:56.7, 0.5:27:01N, 143:64E, h78km, M3.8, ISCJ 30 19:48:57.4, 0.7:27:05N, 0.07:143:70E, 0.08, h35km, n25, c1953/32, mb3.8/14, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBJ, CBJ, CJJ, JHH, BSO, JHU, JHO, MJAR, MAT, KRSR, USR, SONM, WRA, FITZ, ZALV, ZALV, ASAR, MKAR, ILAR, STKA, GEYT, YKA, YKA, NVAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKASG, BRTR, LPAZ.

ISCJ 30 19:51:49.4, 0.4:37:51S, 0.10:51:70E, 0.10, h10km, mb4.5/32, MS3.9/20, Error ellipse: s-maj=14.4km s-min=11.0km az=18.1

BUI 30 19:51:49.7, 38:40S-51:30E, h10km, mb4.8/20, mb5.2/12, M5.1/9, M5.7/4/7/9

IDC 30 19:51:49.7, 0.6:37:47S, 51:64E, h0km, mb3.6/3/16, mb1 4.1/16, mb1mx4.3/3.6, mbtmp4.3/16, MS3.8/19, M3.1 3.8/19, ms1mx3.7/20, Error ellipse: s-maj=26.9km s-min=17.1km az=20.0

NEIC 30 19:51:51.1, 0.3:37:54S, 51:66E, h10km, mb4.8/10, Error ellipse: s-maj=15.8km s-min=10.9km az=18.0

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OPO, BOSA, BOSA, BOSA, LBTA, LBTA, LBTA, LSZ, MAW, KMBO, H01W2, H01W3, H01W1, GSPA, VNSA, FITZ, DBIC, DBIC, TORD, ASAR, ASAR, STKA, CMAR, CMAR, KOLN, PYUN, DMN, RAMN, PKIN, KKN, ODAN, WRA, WRB, WRB, GUN, TAPN, KBL, GEYT, GEYT, LSA, KMI, KMI, KMI, KMI, BRTR, KSH, KSH, KSH, KSH, KSH, CTA, GYA, GYA, KKAR, EKS2, AAK, KEST, KEST, CD2, CD2, CD2, CD2, CD2, CD2, CD2, WMQ, WMQ, WMQ, WMQ, WMQ, WMQ, CPUP.

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

ISCJ 30 19:51:50.9, 0.5:37:7S, 0.10:51:62E, 0.10, h10km, n74, c171/64, mb4.6/33, MS3.9/20, South Indian Ocean

HPIG	comp=Z,7.8nm,1.1s	65.22 327	eP	P	21 59 06.0 +1.2
239A Gary	baz=158	65.27 339	P	P	21 59 05.7 +0.9
KMSC Kings Mountain	baz=158	65.33 351	eP	P	21 59 05.9 +0.8
KMSC		65.47 338	eP	P	21 59 19.4 +0.7
238A Jacksonville	baz=158	65.47 338	P	P	21 59 06.1 +0.1
434A Burnett	baz=155,SNR=8.2	65.47 335	P	P	21 59 06.4 +0.3
336A Riesel	baz=156	65.48 336	P	P	21 59 06.9 +0.8
335A Moody	baz=156	65.59 336	P	P	21 59 07.6 +0.8
237A Washetta, Mont	baz=157	65.69 338	P	P	21 59 08.1 +0.7
433A Art	baz=154,SNR=14	65.72 334	P	P	21 59 08.2 +0.5
JCT Junction City	baz=153,SNR=7.6	65.75 333	P	P	21 59 08.7 +0.8
334A Junction City	comp=Z,4.7nm,1.5s	65.75 333	eP	P	21 59 09.2 +1.3
JCT Lometa	baz=155,SNR=12	65.93 335	P	P	21 59 09.5 +0.5
236A Katherine and	baz=156	65.93 337	P	P	21 59 09.9 +0.9
138A Matata Enter	baz=158	66.06 338	P	P	21 59 10.5 +0.7
CPCT Cooper Cave	comp=Z,7.7nm,1.0s	66.11 349	eP	P	21 59 10.1 -0.1
SWET Sewanee	comp=Z,5.3nm,1.0s	66.14 347	eP	P	21 59 10.5 +0.1
TKL Tuckaleechee C	comp=Z,5.2nm,0.8s,baz=174,slow=9.9,SNR=6.7	66.19 349	P	P	21 59 10.1 -0.6
TKL Tuckaleechee C	comp=Z,12m,1.0s	66.19 349	eP	P	21 59 10.5 -0.1
333A Richland Sprin	baz=154,SNR=5.7	66.19 335	P	P	21 59 11.4 +0.6
OXF Oxford	66.22 344	eP	P	21 59 10.8 +0.1	
CXF Heron Place, G	baz=157	66.22 338	eP	P	21 59 12.0 -2.4
137A Lake Whitney,	baz=156	66.24 336	P	P	21 59 11.9 +1.1
WHTX Lake Whitney,	comp=Z,17.7nm,0.8s	66.24 336	eP	P	21 59 11.8 +0.8
LTX Lajitas	66.35 330	P	P	21 59 10.3 -0.7	
TXAR Lajitas Array	comp=Z,3.2nm,0.7s,baz=150,slow=8.1,SNR=35.5	66.35 330	P	P	21 59 12.8 +0.9
TXAR	comp=Z,6.2nm,18.6s,baz=0.0,slow=32	66.42 341	eP	LR	21 59 12.8 +0.9
TX31 Lajitas Ar. Si	66.35 330	eP	P	21 59 11.9 +1.1	
TX31		66.35 330	eP	P	21 59 12.7 +0.8
WLAR White Oak Lake	comp=Z,40m,1.2s	66.42 341	eP	P	21 59 12.8 +0.9
234A Clairette	baz=155,SNR=6.8	66.50 336	P	P	21 59 10.6 -1.4
237A Pogue Cattle C	baz=157	66.73 338	P	P	21 59 13.2 +0.5
Y40A Okolona	baz=160	66.77 341	P	P	21 59 15.0 +0.9
233A Rising Star	baz=154,SNR=7.6	66.79 335	P	P	21 59 15.3 +1.0
232A Coleman	baz=154,SNR=9.4	66.99 336	P	P	21 59 15.1 +0.6
134A White-Moore Ra	baz=155	66.99 336	P	P	21 59 16.0 +0.5
236A Blue Ridge	baz=157,SNR=6.6	67.06 338	P	P	21 59 15.8 0.0
330A Mertzton	baz=152,SNR=5.3	67.11 333	P	P	21 59 16.8 +0.6
231A Bronte	baz=153,SNR=5.9	67.25 334	P	P	21 59 16.7 +0.1
133A Hamilton Ranch	baz=154,SNR=5.5	67.32 335	P	P	21 59 17.8 +0.3
URVA University of	67.34 355	eP	P	21 59 17.8 +0.3	
MIAR Mount Ida	67.35 340	P	P	21 59 18.8 +1.0	
MIAR Mount Ida	67.35 340	eP	P	21 59 18.3 +0.3	
235A Perchaven, San	baz=156	67.39 337	P	P	21 59 18.6 +0.6
Y37A Hugo	baz=158	67.45 339	P	P	21 59 18.0 -0.3
X39A Fountain Ranch	baz=159	67.48 340	P	P	21 59 18.1 -0.6
230A Sterling City	baz=152	67.51 333	P	P	21 59 18.5 -0.3
ABTX Abilene, Hawle	baz=154,SNR=7.0	67.61 335	P	P	21 59 19.5 +0.3
ABTX Abilene, Hawle	comp=Z,22nm,1.0s	67.61 335	eP	P	21 59 20.1 +0.4
234A Collier Ranch,	baz=155,SNR=5.9	67.66 336	P	P	21 59 20.8 +1.0
W40A Ferguson Farm,	baz=160	67.81 341	P	P	21 59 20.2 +0.2
X38A Whitesboro	baz=158,SNR=5.3	67.84 339	P	P	21 59 21.6 +0.7
Y35A Marietta	baz=156	67.84 337	P	P	21 59 21.7 +0.6
233A Whitaker Ranch	baz=155,SNR=6.2	67.88 336	P	P	21 59 21.2 0.0
131A Roby	baz=153	67.93 334	P	P	21 59 21.9 +0.5
X37A Clayton	baz=158	67.93 339	P	P	21 59 22.2 +0.4
130A Snyder	baz=153	68.08 334	P	P	21 59 22.0 +0.6
W38A Poteau	baz=159	68.12 340	P	P	21 59 22.9 +0.2
Y34A Reagan Ranch,	baz=156	68.13 337	P	P	21 59 22.9 +0.1
232A Haskell	baz=154,SNR=5.0	68.16 335	P	P	21 59 23.1 +0.2
VNDA Vanda	comp=Z,6.0nm,1.1s,baz=161,slow=6.4,SNR=3.8	68.19 191	P	P	21 59 23.5 +0.4
X36A Centrahoma	baz=157,SNR=5.6	68.23 338	P	P	21 59 23.7 +0.9
X35A Drake	baz=156	68.27 338	P	P	21 59 23.6 +0.1
231A Sharp Cattle R	baz=154,SNR=6.3	68.41 335	P	P	21 59 23.7 -0.1
X33A Hilltop Ranch,	baz=155	68.48 336	P	P	21 59 25.0 +0.2
PBMO Poplar Bluff	comp=Z,28nm,0.9s	68.62 344	eP	P	21 59 25.4 +0.3
TBI Tubae	comp=Z,18nm,0.2s	68.67 255	eT	T	21 59 25.3 +0.4
W36A Wetumka	baz=157	68.71 339	P	P	23 14 24.3
X34A Smith Ranch, M	baz=158	68.75 337	P	P	21 59 26.2 -0.3
Z30A Sanderson Ranc	baz=153,SNR=5.4	68.76 334	P	P	21 59 26.8 0.0
Y32A R-V Farms, Ver	baz=154	68.77 335	P	P	21 59 27.2 +0.2
V38A Canehill	baz=159	68.82 340	P	P	21 59 26.8 -0.1
X33A Lawton	baz=155	68.92 336	P	P	21 59 26.9 -0.3
V31A Rekieta Farm,	baz=154,SNR=6.6	69.03 335	P	P	21 59 27.5 -0.4
V37A Hulbert	baz=158	69.06 340	P	P	21 59 29.0 +0.4
HHAR Hobbs	comp=Z,17nm,1.0s	69.08 341	eP	P	21 59 28.5 -0.2
X32A Elmer	baz=154	69.09 336	P	P	21 59 29.3 +0.5
MNTX Cornudas Mount	baz=149,SNR=12	69.13 330	P	P	21 59 28.8 -0.1
MNTX Cornudas Mount	69.13 330	eP	P	21 59 28.9 -0.4	
Y30A Stafford Catti	Jenks	69.19 334	P	P	21 59 29.7 0.0
V36A Jenks	baz=158,SNR=5.7	69.22 339	P	P	21 59 29.9 +0.2
SIUC Southern Illin	comp=Z,4.2nm,0.9s	69.24 345	eP	P	21 59 29.1 +0.4
TUL1 Leonard	baz=157	69.28 339	P	P	21 59 28.0 -0.1
TUL1 Leonard	comp=Z,14nm,0.7s	69.28 339	eP	P	21 59 30.0 -0.1
W34A Bridge Creek,	baz=156	69.30 337	P	P	21 59 30.5 +0.4
U38A Gravette	baz=159	69.35 341	P	P	21 59 30.3 0.0
W33A Caddo, Fort Co	baz=155	69.46 337	P	P	21 59 30.3 -0.2
4T0A Mansfield	69.50 342	P	P	21 59 31.9 +0.6	
X31A McDonald Ranch	baz=161	69.53 335	P	P	21 59 31.2 -0.2
U37A Cedar Bluff	baz=154,SNR=5.0	69.54 340	P	P	21 59 31.8 +0.1
T39A Clever	baz=158	69.62 342	P	P	21 59 31.6 -0.1
W32A Sentinel	baz=160	69.71 336	P	P	21 59 32.2 +0.1
V34A Guthrie	comp=Z,15.5nm,9.4	69.76 338	P	P	21 59 33.4 +0.6
MEH Meheta	baz=156	69.80 261	eT	T	21 59 33.5 +0.4
S40A Lebanon	comp=Z,22nm,0.2s	69.82 342	P	P	23 15 47.8
OLIL Olney	baz=161,SNR=5.4	69.98 346	eP	P	21 59 34.3 +0.4
OLIL Muleshoe	69.98 346	eP	P	21 59 34.0 -0.2	
MSTX Muleshoe	comp=Z,15.1,SNR=6.9	70.00 333	eP	P	21 59 34.8 +0.6
U35A Pavnee	70.00 339	P	P	21 59 34.9 +0.2	
V33A Lossen Ranch,	baz=156	70.01 337	P	P	21 59 35.4 +0.7
W31A Holland Ranch,	baz=155	70.01 336	P	P	21 59 34.5 0.0
T37A Cheneyville 18	70.14 340	P	P	21 59 34.7 +0.1	
V32A Arapaho	baz=155	70.17 337	P	P	21 59 34.7 +0.1
S39A Bolivar	baz=160,SNR=8.0	70.23 342	P	P	21 59 35.3 -0.1
U34A Anderson Ranch	baz=156	70.32 338	P	P	21 59 35.8 +0.2
S38A Stockton	baz=160,SNR=12	70.33 341	P	P	21 59 36.1 +0.2
T36A Boggs Farm, Ca	baz=158	70.37 340	P	P	21 59 36.6 +0.2
AMTX Amarillo	baz=156	70.38 334	P	P	21 59 37.2 +0.4
AMTX Amarillo	comp=Z,1.3nm,1.0s	70.38 334	eP	P	21 59 37.2 +0.2
T35A Sooner Creek L	baz=157	70.43 339	P	P	21 59 37.4 +0.4
V31A Spring Creek	70.50 336	P	P	21 59 37.8 +0.7	
U33A Lingo Farm, Me	baz=154	70.50 338	P	P	21 59 38.1 +0.4
R40A Maddies Statio	baz=161,SNR=12	70.51 343	P	P	21 59 38.1 +0.5
N59A State Game Lan	baz=176,SNR=5.0	70.55 357	P	P	21 59 37.7 +0.1
ACSO Alum Creek Sta	70.56 351	eP	P	21 59 37.5 0.0	
ACSO Fort Scott	70.71 341	eP	P	21 59 38.1 +0.3	
R39A Chumby, Stover	baz=159,SNR=8.5	70.74 342	P	P	21 59 38.2 +0.5
T34A McClaskey Farm	baz=157,SNR=5.4	70.74 339	P	P	21 59 38.9 -0.1
U32A Winter Ranch,	baz=159	70.75 337	P	P	21 59 39.1 +0.1
V30A Spur Ranch, Mi	baz=154	70.80 335	P	P	21 59 39.5 +0.4
R38A Fenwick Farm,	baz=160	70.85 342	P	P	21 59 39.0 0.0
S36A Lake Cedric, C	baz=158,SNR=6.8	70.90 340	P	P	21 59 39.7 +0.1
121A Cookes Peak, D	baz=147,SNR=8.4	70.91 328	P	P	21 59 39.6 -0.3
N54A Monroe State	baz=172	70.92 353	P	P	21 59 40.8 +0.2
TIAR Tiarei	comp=Z,7.8nm,0.2s	71.03 260	eT	T	21 59 39.8 -0.2
S35A Otter Creek Sta	baz=157,SNR=5.0	71.08 340	P	P	23 17 21.0
Q40A Laux Farm, Aux	baz=161,SNR=6.8	71.13 343	P	P	21 59 41.2 +0.1
T33A Patterson Ranc	baz=159	71.14 338	P	P	21 59 41.0 -0.3
PPT2 Papeete2	comp=Z,1.54nm,24.0s	71.22 260	eLR	LR	21 59 41.7 +0.3
R37A Teagarden Farm	baz=159	71.23 341	P	P	22 21 28.3
S34A Willow Spring	baz=157	71.34 339	P	P	21 59 42.1 +0.2
Q39A Willow Grove F	baz=160	71.41 343	P	P	21 59 42.4 -0.2
M54A Oil Creek Stat	baz=173	71.43 354	P	P	21 59 43.1 +0.1
R36A Gordon, Harris	baz=158	71.43 340	P	P	21 59 43.2 +0.1
T32A Huddell Ranch,	baz=155	71.45 337	P	P	21 59 43.1 -0.1
U30A WK&E Inc. Balk	baz=154	71.47 336	P	P	21 59 43.6 +0.2
Q38A Cooks Store, C	baz=160,SNR=7.5	71.50 342	P	P	21 59 43.4 -0.1
P40A Paris	baz=161,SNR=11	71.63 343	P	P	21 59 43.4 -0.2
R35A Emporia Munic	baz=158	71.64 340	P	P	21 59 43.3 -0.2
T31A Randall Ranch,	baz=154	71.64 337	P	P	21 59 44.7 +0.3
P39A Salisbury	baz=161	71.77 343	P	P	21 59 44.8 +0.3
S32A Newby Ranch, P	baz=155	71.93 338	P	P	21 59 45.3 +0.2
R34A Isabella, Hill	baz=157,SNR=5.4	71.93 339	P	P	21 59 46.5 +0.5
HDIL Hopedale	baz=155	71.98 346	P	P	21 59 46.6 +0.4
S31A Mullinville	baz=155	72.04 337	P	P	21 59 46.2 -0.2
Q35A Mercer Eighty,	baz=158	72.08 340	P	P	21 59 47.6 +0.7
P38A Dawn	72.10 342	P	P	21 59 47.0 -0.1	
Q40A La Belle	baz=162,SNR=6.3	72.15 344	P	P	21 59 47.9 +0.5
TUC Tuleton	comp=Z,5.5nm,1.3s	72.15 326	eP	P	21 59 47.0 -0.1
R33A Olander Ranch,	baz=156	72.17 338	P	P	21 59 49.1 +1.4
P37A Lathrop	baz=159	72.28 342	P	P	21 59 48.0 +0.4
ANMO Albuquerque	baz=149	72.36 331	P	P	21 59 48.0 -0.2
ANMO Albuquerque	comp=Z,1.9nm,1.5s	72.36 331	eP	P	21 59 49.7 +0.7
S30A Montezuma	baz=154	72.39 336	P	P	21 59 50.7 +1.6
Q34A Chapman	72.				

MURC	Murrieta	76.45	322	P	P	22 00 13.9	+1.2
J33A	Davis	76.47	341	P	P	22 00 12.6	+0.1
GMRC	Granite Mounta	76.56	324	P	P	22 00 14.3	+0.6
H37A	Dierke Farm, C	76.62	345	P	P	22 00 13.6	+0.3
ECSD	EROS Data Cent	76.76	342	P	P	22 00 14.1	-0.1
ECSD	EROS Data Cent	76.76	342	eP	P	22 00 14.4	+0.3
J32A	Parkston	76.77	341	P	P	22 00 14.2	0.0
J31A	Geeddes	76.96	340	P	P	22 00 15.2	-0.1
MAW	Mawson	77.02	164	P	P	22 00 15.1	-0.2
MAW	Mawson	77.02	164	eP	LR	22 36 15.8	
MAW	Mawson	77.02	164	eP	P	22 00 15.1	-0.2
BFSC	Mount Baldy Ra	77.18	322	P	P	22 00 17.3	+0.4
H35A	Sunnyside Ranc	77.19	343	P	P	22 00 16.6	+0.1
SPMN	Marine on St.	77.20	345	eP	P	22 00 16.6	0.0
J30A	Dallas	77.21	340	P	P	22 00 17.3	+0.6
K28A	Ten Mile Ranch	77.25	338	P	P	22 00 18.2	+1.2
O20A	White River Ci	77.52	332	P	P	22 00 19.4	+0.7
O20A	White River Ci	77.52	332	eP	P	22 00 20.4	-8.5
J29A	Okreek	77.54	339	P	P	22 00 18.8	+0.2
GSC	Goldstone, Bar	77.55	324	P	P	22 00 20.0	+1.1
I31A	Royce, Wessing	77.57	340	P	P	22 00 19.0	+0.3
G35A	Watkins	77.59	344	P	P	22 00 19.0	+0.3
SRU	San Rafael Swe	77.62	330	eP	P	22 00 20.7	+1.4
CCUT	Cedar City	77.63	327	eP	P	22 00 20.8	+1.4
SHPR	Sheep Range	77.66	325	eP	P	22 00 21.1	+1.6
H33A	Prehn Over Nor	77.67	342	P	P	22 00 36.3	+2.8
H32A	Carlson Farm,	77.69	341	P	P	22 00 19.7	+0.3
O16A	Castle Valley	77.74	329	eP	P	22 00 21.8	+1.8
VLDO	Val d'Or	77.82	356	eP	P	22 00 21.4	+1.5
EDW2	Edwards Air Fo	77.84	323	P	P	22 00 20.7	+0.2
J28A	Allard Ranch,	77.84	338	P	P	22 00 20.7	+0.4
P18A	Preston Nutter	77.93	330	eP	P	22 00 22.7	+1.5
J27A	Elkhorn Farm,	77.94	338	P	P	22 00 21.8	+1.0
F36A	Milaca	77.97	345	P	P	22 00 21.0	+0.1
P17A	Butcher Ranch,	77.91	330	eP	P	22 00 23.0	+0.5
OSI	Ostio Audit: C	78.03	322	P	P	22 00 22.5	+0.9
TMUT	Trail Mountain	78.07	330	eP	P	22 00 23.6	+1.6
I29A	Vivian Onida	78.09	339	P	P	22 00 21.9	+0.3
F35A	Swanville	78.21	344	P	P	22 00 22.4	+0.2
I28A	Midland	78.34	339	P	P	22 00 23.5	+0.5
J26A	Sides Ranch, S	78.35	337	P	P	22 00 23.7	+0.6
FURC	Furnace Creek,	78.48	324	P	P	22 00 25.1	+1.2
MPMC	Manual Prospec	78.49	324	P	P	22 00 25.2	+1.0
E36A	McGregor	78.53	345	P	P	22 00 24.1	+0.2
H29A	Onida	78.61	340	P	P	22 00 24.7	+0.3
F33A	5 Mile Ranch,	78.63	343	P	P	22 00 24.2	-0.3
J25A	Sunshine Ranch	78.67	337	P	P	22 00 26.2	+1.3
I27A	Quinn	78.69	338	P	P	22 00 25.9	+1.0
ISA	Isabella, Lake	78.70	323	P	P	22 00 26.3	+1.0
ISA	Isabella, Lake	78.70	323	eP	P	22 00 27.3	+2.1
DAC	Darwin (Calif)	78.71	324	eP	P	22 00 27.1	+1.6
G30A	Faulkton	78.75	341	P	P	22 00 25.9	+0.7
PKM	Mcperson Peak	78.84	321	P	P	22 00 27.4	+1.3
MPU	Maple Canyon	78.85	330	eP	P	22 00 27.7	+1.6
H28A	Mission Ridge	78.90	339	P	P	22 00 26.6	+0.5
I26A	New Underwood	78.92	338	P	P	22 00 26.0	-0.2
D37A	Cotton	78.95	346	P	P	22 00 27.4	+0.2
K22A	Casper	79.00	335	P	P	22 00 27.1	+0.3
C39A	Grand Marais	79.12	347	P	P	22 00 27.2	+0.1
E33A	Westby DABS, E	79.17	343	P	P	22 00 28.0	+0.6
H27A	Hoves	79.20	338	P	P	22 00 28.7	+1.0
I25A	Rochford	79.20	337	P	P	22 00 28.9	+1.0
G28A	Parade	79.23	339	P	P	22 00 28.4	+0.5
D35A	Remer	79.24	345	P	P	22 00 27.9	+0.1
SMMC	Simmler	79.25	322	P	P	22 00 28.9	+0.7
R11A	Troy Canyon, C	79.32	326	eP	P	22 00 29.9	+1.2
R11A	Troy Canyon, C	79.32	326	eP	P	22 00 30.6	+1.8
F30A	Leola	79.36	341	P	P	22 00 29.1	+0.5
RSSD	Black Hills	79.39	337	P	P	22 00 29.1	+0.1
EYMN	Ely	79.51	347	P	P	22 00 29.6	+0.3
EYMN	Ely	79.51	347	eP	P	22 00 29.9	+0.6
EYMN	Ely	79.51	347	eP	P	22 00 44.4	+1.2
DUG	Dugway, Tooele	79.52	329	P	P	22 00 30.6	+1.0
DUG	Dugway, Tooele	79.52	329	eP	P	22 00 31.3	+1.6
F29A	Eureka	79.59	340	P	P	22 00 30.3	+0.5
TIN	Tinemaha, Big	79.63	324	P	P	22 00 32.1	+1.7
C35A	Jirik Farms, M	79.81	345	P	P	22 00 30.9	+0.1
G27A	Dupres	79.82	339	P	P	22 00 31.2	+0.1
F28A	McLaughlin	79.89	340	P	P	22 00 32.1	+0.6
E30A	Juc	79.94	341	P	P	22 00 32.4	+0.8
G26A	Maurine	79.95	338	P	P	22 00 32.4	+0.6
C34A	RKU Ranch, Bem	79.97	344	P	P	22 00 32.1	+0.3
TSUM	Tsumeb	80.02	106	eP	P	22 00 33.5	+0.5
HWUT	Hardware Ranch	80.13	331	eP	P	22 00 34.0	+1.0
G25A	Newell	80.13	338	P	P	22 00 33.6	+0.8

BGU	Big Grassy Mou	80.21	329	eP	P	22 00 35.0	+1.6
E29A	Napoleon	80.21	341	P	P	22 00 33.5	+0.4
BW06	Boulder Array	80.27	333	P	P	22 00 34.4	+0.6
BW06	Boulder Array	80.27	333	eP	P	22 00 33.9	+0.1
BW06	Boulder Array	80.27	333	eP	P	22 00 35.2	+1.4
PD31	Pinedale Array	80.27	333	eP	P	22 00 34.2	+0.5
PDAR	Pinedale Array	80.27	333	eP	LR	22 00 34.2	+0.5
C33A	Trail	80.28	344	P	P	22 32 50.3	
F27A	Lenmon	80.29	339	P	P	22 00 33.8	+0.2
B35A	Bob, Littlefor	80.37	345	P	P	22 00 34.1	+0.2
MLAC	Mammoth, Mammo	80.39	324	P	P	22 00 34.6	+0.1
D30A	Buchanan	80.45	342	P	P	22 00 34.6	+0.2
F26A	Lodgepole	80.47	339	P	P	22 00 35.2	+0.6
E28A	Huff	80.52	340	P	P	22 00 35.3	+0.5
D29A	Pettibone, Tap	80.64	341	P	P	22 00 36.0	+0.6
E27A	Carson	80.65	340	P	P	22 00 36.0	+0.5
B34A	Aery, Baudette	80.70	345	P	P	22 00 35.6	-0.1
B33A	Robert and Kas	80.72	344	P	P	22 00 36.1	+0.3
NV01	Mina Array Sit	80.72	325	eP	P	22 00 37.4	+1.1
NVAR	Mina Array Bea	80.72	325	P	P	22 00 37.4	+1.1
HVU	Hanse Valley	80.79	330	P	P	22 00 37.4	+0.9
F25A	Bowman	80.79	338	P	P	22 00 36.9	+0.5
AGMN	Agassiz Nation	80.81	344	P	P	22 00 36.6	+0.3
AGMN	Agassiz Nation	80.81	344	eP	P	22 00 36.6	+0.3
C31A	Landman Farms,	80.81	343	P	P	22 00 36.1	-0.2
AHID	Auburn Hatcher	80.89	332	eP	P	22 00 38.0	+0.9
C30A	Mose, Pekin	80.92	342	P	P	22 00 37.3	+0.4
E26A	Carlson Angus	80.96	339	P	P	22 00 37.9	+0.7
ELK	Elko	81.06	328	LR	LR	22 32 20.0	
ELK	Elko	81.06	328	eP	P	22 00 39.2	+1.2
B32A	Ashes, Strandq	81.06	343	P	P	22 00 37.6	0.0
E25A	Miller Ranch,	81.28	338	P	P	22 00 38.3	+0.4
REDW	Red Top Meadow	81.29	332	eP	P	22 00 39.5	-0.7
REDW	Red Top Meadow	81.29	332	eP	sP	22 00 58.0	-0.5
A33A	Warroad	81.29	344	P	P	22 00 38.8	0.0
MDND	Maddock	81.36	341	P	P	22 00 39.4	+0.1
D26A	Manning	81.45	339	P	P	22 00 40.7	+0.9
A32A	Rocking H Ranc	81.54	344	P	P	22 00 40.9	+0.8
MOOW	Moose Ponds	81.56	332	eP	P	22 00 41.5	+0.9
MOOV	Moore	81.57	342	eP	P	22 00 57.2	+2.5
B30A	Myrvik Farm, E	81.57	342	P	P	22 00 40.2	-0.1
BOSA	Boshof	81.69	118	P	P	22 00 41.5	-0.3
BOSA	Boshof	81.69	118	eP	P	22 31 24.8	
C27A	Saylor Ranch,	81.78	340	P	P	22 00 41.6	-0.1
D25A	Fairfield	81.83	339	P	P	22 00 42.2	+0.7
B29A	Wagenman Farm,	81.86	342	P	P	22 00 42.6	+0.8
A30A	Hoffart Farm,	82.01	343	P	P	22 00 42.3	+0.5
B28A	Dugan Ranch, T	82.12	341	P	P	22 00 42.6	0.0
RLMT	Red Lodge	82.14	334	P	P	22 00 43.6	+0.4
A29A	Manning Farm,	82.24	342	P	P	22 00 43.7	0.0
YMR	Madison River	82.42	333	eP	P	22 00 43.9	0.0
YMR	Madison River	82.42	333	eP	P	22 00 46.2	+1.1
AFDM	Forest Hills D	82.48	323	eP	P	22 00 46.9	-3.2
TOA1	Torodi Air. Sit	82.50	70	eP	P	22 00 46.6	+1.2
TORD	Torodi Air. Sit	82.50	70	eP	P	22 00 45.7	-0.2
TORD	Torodi Air. Sit	82.50	70	eP	LR	22 34 53.1	
A28A	Rude Farm, Bot	82.51	341	P	P	22 00 45.7	+0.4
ULM	Lac du Bonnet	82.63	345	P	P	22 00 45.2	-0.6
ULM	Lac du Bonnet	82.63	345	eP	P	22 00 45.8	0.0
B25A	Knox Farm, Ray	82.78	339	P	P	22 00 47.7	+1.0
HLID	Hailey	82.94	330	P	P	22 00 48.4	+0.6
HLID	Hailey	82.94	330	eP	P	22 00 49.0	+1.2
A26A	Waring Farm, Ken	83.01	340	P	P	22 00 48.4	+0.6
OHCM	Honcut	83.03	323	eP	P	22 00 49.5	+1.4
ORV	Oro						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TBLG, Delisi, BTKR, Batakoyurt, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WEL, Felt from Gisborne to Hawke's Bay, maximum reported intensity MM 5.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OGWZ, Otaki Gorge, OGWZ, Otaki Gorge, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TWGZ, ARHZ, PUAZ, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TUWZ, BSWZ, NNZ, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ZALV, MKAR, etc.

31d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Takapari Road, Mangatoinoka R, Mangatoinoka R, Holdsworth Sta, etc.

IDC 31 01:13:58.1-1.2, 15.615S-173.11W, h0km, mb3.9/8, mb1 4.2/9, mb1mx4.0/26, mbtmp3.9/9, ML4.2/1, MS3.8/7, Ms1 3.8/7, ms1mx3.2/6, Error ellipse: s-maj=2.0, s-min=0.6, 1.0km az=142.0

NEIC 31 01:13:59.9-0.5, 15.285S-173.31W, h10km, mb4.1/1, Error ellipse: s-maj=29.7km s-min=9.6km az=143.0

ISC 31 01:14:02.9-0.8, 15.35S-173.17W, h29km, n28, e183/19, mb4.0/10, MS3.9/6, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, AFI Afiamalu, RAO Raoul Island, PPT2 Papeete2, TBI Tubuai, H11S2 WAKE ISLAND Hy 39.05 329 T, etc.

NSSP 31 01:19:36.8, 39.43N-47.80E, h5km, Ms3.5, IDC 31 01:19:38.1-2.7, 39.61N-47.90E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.4/31, mbtmp3.6/4, ML3.8/1, Error ellipse: s-maj=54.2km s-min=20.4km az=22.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLBA Ciliabad, GLBA Ciliabad, GLBA Ciliabad, GERM Germe, GERM Germe, etc.

2011 JAN

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZRD Lerik, LRK Lerik, LRK Lerik, LRK Lerik, LRK Lerik, etc.

1582

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ONI Damavand, DAMV Damavand, DAMV Damavand, DAMV Damavand, etc.

IDC 31 01:30:38.8-3.5, 38.515S-93.86W, h0km, mb3.6/4, mb1 4.0/4, mb1mx3.8/20, mbtmp3.6/4, Error ellipse: s-maj=102.0km s-min=46.3km az=169.0, West Chile Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, TXAR Lajitas Array, NVAR Mina Araya, PDAR Pinedale Array, USRK Ussuriysk Arr, etc.

ASAR Alice Springs 18.94 169 P P 02 52 18.9 +0.6
ASAR 0.9nm,0.3s,baz=348,slow=11,SNR=78
ASAR S S 02 55 36.6 -6.3

IDC 31 02:50:41.2±0.5, 8.48N; 141.17E, h0km, mb4.2/21,
mb1 4.3/22, mb1mx4.2/56, mbtmp4.2/22, ML2.6/1, MS3.2/8,
Ms1 3.2/8, ms1mx3.0/44, Error ellipse: s-maj=21.8km
s-min=13.2km az=80.0

ISCJB 31 02:50:44.5±0.4, 8.42N; 0.07x141.16E±0.09, h33km,
mb4.2/26, MS3.1/6, Error ellipse: s-maj=14.1km
s-min=9.0km az=157.8

NEIC 31 02:50:46.7±0.3, 8.45N; 141.10E, h35km, mb4.3/3, Error
ellipse: s-maj=14.5km s-min=7.9km az=73.0

ISC 31 02:50:46.7±0.5, 8.44N; 0.08x141.1E±0.1, h35km, n54,
c087/42, mb4.2/26, MS3.1/6, Western Caroline Islands

Code Station Name Az AZZ Phase ID Time Res
SIJI Sorong 13.50 227 LR Op ISC h m s ISC
PMG Port Moresby 18.72 161 P P 02 55 01.2 -1.2
PMG comp=2.77nm,19.0s,baz=4.0,slow=36
PMG Port Moresby 18.72 161 P Pn 02 55 01.2 -1.2
KAPI Kappang 25.17 239 LR Op ISC h m s ISC
JNU Nakatsu 26.33 340 LR Op ISC h m s ISC

CSEM 31 02:59:05.3±0.2, 36.01N; 27.72E, h40km, MD3.0, Error
ellipse: s-maj=5.4km s-min=2.8km az=127.0

ATH 31 02:59:04.2, 35.99N; 27.69E, h44km±1km, MD3.0/6,

Code Station Name Az AZZ Phase ID Time Res
ARG Arkhangelos 0.42 57 Op ISC h m s ISC
ARG Arkhangelos 0.42 57 eS Sn 02 59 14.6 +0.5
ARG Arkhangelos 0.42 57 eS Sn 02 59 22.5 +1.3

NNC 31 03:01:55.2±2.5, 37.37N; 70.73E, h333km±136km, mb1.7,
mpv3.1, Error ellipse: s-maj=80.5km s-min=19.6km az=3.0

IDC 31 03:01:54.0±0.8, 36.86N; 71.16E, h224km±55km, mb2.9/1,
mb1 2.9/6, mb1mx2.7/58, mbtmp3.6/6, MS3.2/3, Ms1 3.2/3,

ms1mx2.6/17, 3C-2D, Error ellipse: s-maj=95.3km
s-min=76.4km az=122.0, Afghanistan-Tajikistan border
region

Code Station Name Az AZZ Phase ID Time Res
MNAS Manas 5.71 10 Op ISC h m s ISC
MNAS 1.2nm,0.4s 02 53 03.174 -0.8
MNAS 16nm,0.4s 02 53 04.248 -0.2

IDC 31 03:01:52.6±0.9, 19.13S; 168.35E, h0km, mb4.1/11,
mb1 4.3/12, mb1mx4.1/33, mbtmp4.1/12, ML3.9/1, MS3.7/2,
Ms1 3.7/2, ms1mx3.0/30, Error ellipse: s-maj=25.8km
s-min=18.8km az=134.0

NEIC 31 03:01:54.1±0.7, 19.15S; 168.37E, h10km, mb4.0/1, Error
ellipse: s-maj=17.3km s-min=14.9km az=122.0

ISCJB 31 03:01:56.0±0.7, 19.27S; 0.07x168.3E±0.1, h33km,
mb4.0/10, MS3.6/1, Error ellipse: s-maj=16.5km
s-min=9.3km az=82.0

ISC 31 03:01:56.9±1.3, 19.45S; 0.1x168.5E±0.2, h35km, n18,
c105/14, mb4.0/9, Vanuatu Islands

Code Station Name Az AZZ Phase ID Time Res
DZM Mont Dzumac 3.31 215 Op ISC h m s ISC
DZM 12nm,0.3s,baz=360,slow=18,SNR=4.4
DZM 22nm,0.3s,baz=180,slow=20,SNR=4.4

BRY Bratogost 0.27 189 Op Pg Pb 02 12 26.3 +0.4

BRY Bratogost 0.27 189 Op Pg Pb 02 12 26.3 +0.4

Code Station Name Az AZZ Phase ID Time Res
BRY Niksic 0.46 140 Op Pg Pb 02 12 28.3 +0.1
BRY Niksic 0.46 140 Op Pg Pb 02 12 28.3 +0.1
BRY Niksic 0.46 140 Op Pg Pb 02 12 28.3 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PKSM Moraya, NVLJ Novaja, etc.

MEX 31 04:20:48.4,0.4,16:14N:97:99W, h16km, gkm, MD3.6, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TLIG Tiapa, VHO Vista Hermosa, etc.

IDC 31 04:31:45.6,1.9,38:02S:94:14W, h0km, mb4.2/5, mb1.4/6, mb1mx4.1/28, mbtmp4.1/6, ML3.8/1, Error ellipse: s-maj=52.2km s-min=31.0km az=2.0

ISCJB 31 04:31:48.6,2.2,37:9S:0.3:94:0W,0.3, h25km, mb4.0/5, Error ellipse: s-maj=55.1km s-min=21.1km az=31.8

ISC 31 04:31:49.3,1.7,38:0S:0.3:94:1W,0.2, h25km, n8, o882/8, mb4.0/5, West Chile Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLCA Paso Flores, LPAZ La Paz, etc.

MAN 31 04:32:45.8,77N:124:17E, h6km, mb4.5, ML3.4, MS3.3, 1C-1D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CGP Cagayan de Oro, TBP Tagbilaran, etc.

DHMR 31 04:35:42.8,1.8,12:06N:43:84E, h7km, 22km, ML4.2, 3C, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ADEN Aden, UDYU Al' Udayn, etc.

IDC 31 04:37:05.2,2.38,15S:93:94W, h0km, mb4.0/7, mb1.4/3/8, mb1mx4.1/28, mbtmp4.0/6, ML3.4/1, MS3.9/10, Ms1.3/9/10, ms1mx3.8/18, Error ellipse: s-maj=57.6km s-min=24.7km az=12.0

ISCJB 31 04:37:08.5,1.3,38:0S:0.2:93:7W,0.1, h25km, mb3.9/7, MS3.9/9, Error ellipse: s-maj=33.4km s-min=14.7km

ISC 31 04:37:09.6,1.5,38:1S:0.3:93:8W,0.1, h25km, n16, o882/10, mb3.9/7, MS4.0/9, West Chile Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLCA Paso Flores, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DBIC Dimbokro, STKA Stephens Creek, etc.

KRNET 31 04:43:22.9,0.1,42:02N:78:00E, h18km, mb1.5, 8C-4D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRZ Przheval'sk, ANVS Anan'yev, etc.

NEIC 31 04:54:44.8,32:28N:115:32W, h5km, ML2.4 (PAS), ML2.8 (ECX), After ECX

ECX 31 04:54:44.8,0.6,32:28N:115:32W, h5km, MD2.6, ML2.8, 1C-5D, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CPBX Cerro Prieto, DREC Desert Rsrch C, etc.

IDC 31 05:04:48.4,2.4,38:70S:74:30W, h0km, mb3.6/2, mb1.3/9/3, mb1mx3.7/16, mbtmp3.5/3, ML3.5/1, Error ellipse: s-maj=70.0km s-min=37.0km az=47.0

GUC 31 05:04:50.1,0.4,38:31S:74:17W, h18km, 4M, ML4.1, ISC 31 05:04:51.8,1.5,38:32S:0:05:73W,0.1, h10km, n6, o1568/9, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSCH Puerto Saavedr, PLCA Paso Flores, etc.

ISCJB 31 05:24:35.1,0.7,14:52S:0:08:74W,0.1, h91km, mb3.6/4, Error ellipse: s-maj=17.0km s-min=6.3km az=142.6

SCB 31 05:24:35.7,0.5,13:96S:73:63W, h15km, M3.6/1, Error ellipse: s-maj=46.3km s-min=10.7km az=18.0

IDC 31 05:24:39.1,2.3,14:41S:73:80W, h105km, 21km, mb3.4/4, mb1.3/8/10, mb1mx3.6/28, mbtmp4.1/10, MS2.4/1, Ms1.2/6/1, ms1mx2.5/10, Error ellipse: s-maj=42.5km s-min=16.8km az=49.0

ISC 31 05:24:36.7,0.8,14:55S:0:10:74W,0.1, h91km, n16, o137/18, mb3.6/4, 1C, Central Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPAZ La Paz, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes station NVAR Mina Array Bea.

IDC 31 05:28:34.0,2.2,1:47N:126:25E, h0km, mb3.2/3, mb1.3/3/5, mb1mx3.3/34, mbtmp3.3/3, MS3.7/1, Ms1.3/7/1, ms1mx2.7/12, Error ellipse: s-maj=202.7km s-min=25.3km az=65.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

MAN 31 05:37:08,19:34N:121:20E, h45km, mb4.6, ML3.4, MS3.3, 1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PIP Pasuquin, BBP Basco, etc.

ISC 31 05:39:26.2,1.9,28:44N:60:03E, h35km, 108km, ML3.7, ISCJB 31 05:39:30.0,1.4,28:18N:0:10:59:2E,0.1, h10km, Error ellipse: s-maj=18.5km s-min=7.5km az=135.9

THR 31 05:39:31.5,0.7,28:16N:59:14E, h5km, ML3.7, CSEM 31 05:39:31.0,0.6,28:16N:59:22E, h10km, ML3.7, Error ellipse: s-maj=16.1km s-min=6.2km az=138.0

ISC 31 05:39:31.9,1.4,28:20N:0:08:59:13E,0.08, h10km, n39, o57/34, 2C-6D, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZHFS Zahedan, NGRK Negar Kerman, etc.

IDC 31 05:44:48.4,2.4,38:70S:74:30W, h0km, mb3.6/2, mb1.3/9/3, mb1mx3.7/16, mbtmp3.5/3, ML3.5/1, Error ellipse: s-maj=70.0km s-min=37.0km az=47.0

GUC 31 05:04:50.1,0.4,38:31S:74:17W, h18km, 4M, ML4.1, ISC 31 05:04:51.8,1.5,38:32S:0:05:73W,0.1, h10km, n6, o1568/9, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PSCH Puerto Saavedr, PLCA Paso Flores, etc.

ISCJB 31 05:24:35.1,0.7,14:52S:0:08:74W,0.1, h91km, mb3.6/4, Error ellipse: s-maj=17.0km s-min=6.3km az=142.6

SCB 31 05:24:35.7,0.5,13:96S:73:63W, h15km, M3.6/1, Error ellipse: s-maj=46.3km s-min=10.7km az=18.0

IDC 31 05:24:39.1,2.3,14:41S:73:80W, h105km, 21km, mb3.4/4, mb1.3/8/10, mb1mx3.6/28, mbtmp4.1/10, MS2.4/1, Ms1.2/6/1, ms1mx2.5/10, Error ellipse: s-maj=42.5km s-min=16.8km az=49.0

ISC 31 05:24:36.7,0.8,14:55S:0:10:74W,0.1, h91km, n16, o137/18, mb3.6/4, 1C, Central Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPAZ La Paz, LPAZ La Paz, etc.

IDC 31 05:48:34.5,6.2,2:00S:178:20W, h538km, 66km, mb3.1/6, mb1.3/5/6, mb1mx3.2/31, mbtmp4.0/6, Error ellipse: s-maj=42.7km s-min=23.9km az=147.0

ISC 31 05:48:34.0,1.0,2:05S:0:0:178:20W,0.2, h534km, n11, o856/11, mb3.5/6, Fiji Islands region

31d 6h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like WRKA Warakurna, MTN Mantong Dam, and various local stations.

2011 JAN

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MYLDM Lahad Datu, PWJJI Pagerwojo, and various regional stations.

1590

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CGJJI Cibinong, SBC Santa Barbara, and various stations in the 1590 MHz range.

31d 6h

2011 JAN

1594

Table with columns: ID, Name, Date, Time, and various status indicators (P, LR, etc.). Includes entries like X38A Whitesboro, U36A Oologah, G28A Paradi, etc.

Table with columns: ID, Name, Date, Time, and various status indicators (P, LR, etc.). Includes entries like M34A Aspy Farms, E29A Napoleon, C28A Hausner Farms, etc.

Table with columns: ID, Name, Date, Time, and various status indicators (P, LR, etc.). Includes entries like SONAO comp=Z,60nm,1.7s, SONAM Songoing Array, SONNM comp=Z,4.1nm,0.8s, etc.

Table with multiple columns: Station Name, Frequency, Power, Mode, and other technical details. Includes various radio stations like COAL, YZOG, STNC, FOEL, CORUM, etc.

SIV	LR	LR	07 29 06.1
TLIG	comp=Z,159nm,21.2s,baz=48,slow=37		
LVC	25.46 304 eP	P	07 19 01.4 -0.2
LVC	27.45 165 eP	P	07 19 21.3 +1.6
LVC	comp=Z,33nm,0.7s,baz=7.4,slow=3.6,SNR=12		
LVC	27.45 165 eP	P	07 19 22.1 +2.4
JSC	30.48 352 eP	P	07 19 47.6 +1.7
LRAL	30.52 343 eP	P	07 19 47.8 +1.4
035A	30.77 320 P	P	07 19 49.8 +1.2
034A	31.23 320 P	P	07 19 53.5 +0.8
KMSC	31.33 352 P	P	07 19 54.7 +1.2
ZAIG	31.36 309 eP	P	07 19 56.9 +2.6
934A	31.49 321 P	P	07 19 56.5 +1.5
637A	31.52 326 P	P	07 19 56.3 +1.1
835A	31.55 322 P	P	07 19 56.8 +1.3
736A	31.58 324 P	P	07 19 57.3 +1.6
HKT	31.64 327 eP	P	07 19 57.1 +1.0
439A	31.74 329 P	P	07 19 58.2 +1.1
340A	31.81 331 P	P	07 19 58.3 +0.6
834A	31.88 321 P	P	07 19 59.1 +0.6
636A	31.97 325 P	P	07 20 00.1 +0.9
933A	31.98 320 P	P	07 19 60.0 +0.6
537A	32.00 326 P	P	07 20 00.4 +0.9
339A	32.07 330 P	P	07 20 01.1 +1.1
438A	32.07 328 P	P	07 20 01.5 +1.4
SWET	32.28 346 eP	P	07 20 03.3 +1.3
635A	32.32 324 P	P	07 20 02.4 +0.2
734A	32.40 322 P	P	07 20 03.2 +0.3
NATX	32.47 330 eP	P	07 20 04.8 +1.3
338A	32.47 329 P	P	07 20 04.7 +1.2
833A	32.55 320 P	P	07 20 04.2 -0.1
239A	32.59 331 P	P	07 20 05.2 +0.7
634A	32.66 323 P	P	07 20 05.9 +0.7
535A	32.67 325 P	P	07 20 05.6 +0.3
337A	32.73 328 P	P	07 20 06.1 +0.3
733A	32.76 321 P	P	07 20 06.1 0.0
436A	32.80 327 P	P	07 20 07.1 +0.7
238A	32.89 330 P	P	07 20 08.3 +1.0
832A	32.89 320 P	P	07 20 07.3 0.0
CCAR	33.00 336 eP	P	07 20 09.2 +1.0
534A	33.20 324 P	P	07 20 09.8 -0.2
633A	33.21 322 P	P	07 20 10.0 0.0
237A	33.24 329 P	P	07 20 10.9 +0.7
435B	33.24 326 P	P	07 20 10.3 0.0
BLA	33.27 354 eP	P	07 20 12.7 +2.1
336A	33.30 327 P	P	07 20 11.2 +0.4
WLAR	33.36 334 eP	P	07 20 12.2 +1.0
335A	33.54 326 P	P	07 20 13.1 +0.2
533A	33.56 323 P	P	07 20 13.2 0.0
236A	33.61 328 P	P	07 20 13.6 +0.1
434A	33.66 325 P	P	07 20 14.0 +0.1
137A	33.69 330 P	P	07 20 15.0 +0.9
Z38A	33.84 332 P	P	07 20 16.2 +0.8
UALR	33.98 336 eP	P	07 20 17.1 +0.5
136A	33.98 329 P	P	07 20 17.2 +0.5
Y39A	34.00 333 P	P	07 20 17.5 +0.7
334A	34.03 326 P	P	07 20 17.2 +0.1
433A	34.09 324 P	P	07 20 17.9 +0.2
WHTX	34.09 327 P	P	07 20 17.9 +0.2
Y38A	34.28 333 P	P	07 20 19.7 +0.4
MIAR	34.29 335 P	P	07 20 19.2 -0.1
MIAR	34.29 335 eP	P	07 20 19.3 -0.1
JCT	34.32 323 P	P	07 20 19.7 0.0
WHAR	34.41 337 eP	P	07 20 20.5 +0.2
333A	34.45 325 P	P	07 20 21.0 +0.2
234A	34.48 326 P	P	07 20 21.3 +0.3
135A	34.51 328 P	P	07 20 21.6 +0.4
Z36A	34.57 330 P	P	07 20 21.6 -0.1
Y37A	34.74 332 P	P	07 20 23.8 +0.5
134A	34.88 327 P	P	07 20 25.1 +0.6
233A	34.91 326 P	P	07 20 25.3 +0.5
X38A	34.95 333 P	P	07 20 25.6 +0.6
Y36A	35.00 331 P	P	07 20 25.8 +0.4
Z35A	35.03 329 P	P	07 20 26.4 +0.6
PBMO	35.06 340 eP	P	07 20 26.2 +0.3
X37A	35.13 332 P	P	07 20 27.2 +0.6
W38A	35.15 334 P	P	07 20 27.4 +0.8
WCI	35.24 347 eP	P	07 20 27.1 -0.4
232A	35.24 325 P	P	07 20 28.3 +0.6
USIN	35.23 345 eP	P	07 20 28.6 +0.4
133A	35.36 326 P	P	07 20 29.2 +0.5
Y35A	35.38 330 P	P	07 20 30.1 +1.3
CPUP	35.40 149 P	P	07 22 56.9 -0.5
Z34A	35.41 328 P	P	07 20 29.7 +0.7
SIUC	35.53 343 eP	P	07 20 30.1 +0.2
X36A	35.57 331 P	P	07 20 30.9 +0.5
231A	35.67 324 P	P	07 20 31.0 -0.2
X35A	35.74 330 P	P	07 20 31.8 0.0

V38A	35.77 335 P	P	07 20 31.6 -0.4
ABTX	35.78 325 P	P	07 20 32.5 +0.3
ABTX	35.78 325 eP	P	07 20 32.5 +0.3
Y34A	35.78 329 P	P	07 20 32.7 +0.5
Z33A	35.80 327 P	P	07 20 32.9 +0.6
330A	35.80 322 P	P	07 20 32.3 -0.2
MVL	35.86 0 eP	P	07 20 34.9 +2.2
HHAR	35.93 336 eP	P	07 20 33.4 -0.1
W36A	35.98 332 P	P	07 20 33.9 +0.1
HPIG	36.00 312 eP	P	07 20 36.2 +1.7
LTX	36.02 317 eP	P	07 20 34.9 +0.4
TXAR	36.02 317 P	P	07 20 34.9 +0.4
TXAR	36.02 317 P	P	07 22 59.9 +0.4
TXAR	36.02 317 P	P	07 22 59.9 +0.4
TX31	36.10 334 P	P	07 23 00.8 +1.4
V37A	36.10 334 P	P	07 23 04.6 -0.3
Z30A	36.10 323 P	P	07 20 34.8 -0.3
T40A	36.13 338 P	P	07 20 35.2 +0.1
OLIL	36.17 345 eP	P	07 20 35.7 +0.3
BLO	36.19 347 eP	P	07 20 36.4 +0.8
BLO	36.20 326 P	P	07 20 56.0 +1.3
Z32A	36.24 325 P	P	07 20 36.1 +0.3
131A	36.24 325 P	P	07 20 36.5 +0.2
U38A	36.25 335 P	P	07 20 35.9 -0.3
Y33A	36.27 328 P	P	07 20 36.8 +0.4
W35A	36.30 331 P	P	07 20 36.5 0.0
X34A	36.33 330 P	P	07 20 36.7 -0.2
Z39A	36.35 337 P	P	07 20 36.6 -0.4
V36A	36.38 333 P	P	07 20 36.7 -0.5
TUL1	36.41 333 P	P	07 20 37.5 0.0
TUL1	36.41 333 eP	P	07 20 37.8 +0.3
S40A	36.52 334 P	P	07 20 38.4 -0.2
U37A	36.53 334 P	P	07 20 38.3 -0.3
Z31A	36.58 326 P	P	07 20 39.0 0.0
X33A	36.62 329 P	P	07 20 39.3 -0.1
Y32A	36.67 327 P	P	07 20 40.4 +0.3
V35A	36.77 332 P	P	07 20 40.2 -0.4
N59A	36.79 1 P	P	07 20 41.4 +0.8
U36A	36.79 334 P	P	07 20 40.7 0.0
W34A	36.80 330 P	P	07 20 41.2 +0.3
W34A	36.81 338 eP	P	07 21 02.5 +2.5
S39A	36.91 338 P	P	07 21 01.3 -0.4
WMOK	36.92 329 eP	P	07 20 41.9 0.0
X32A	36.94 328 P	P	07 20 42.2 +0.2
N54A	36.95 356 P	P	07 20 43.1 +1.0
R40A	37.05 339 P	P	07 20 42.3 -0.6
T37A	37.05 335 P	P	07 20 42.7 -0.3
S38A	37.08 337 P	P	07 20 42.5 -0.7
W33A	37.08 329 P	P	07 20 43.6 +0.3
Z30A	37.12 325 P	P	07 20 44.1 +0.4
Y31A	37.12 326 P	P	07 20 44.1 +0.5
V34A	37.16 331 P	P	07 20 43.9 +0.1
V34A	37.16 331 eP	P	07 20 43.9 +0.1
V34A	37.22 333 P	P	07 21 04.4 +1.4
U35A	37.22 333 P	P	07 20 44.4 -0.1
R39A	37.35 338 P	P	07 20 45.2 -0.3
T36A	37.41 334 P	P	07 20 46.1 +0.1
Y30A	37.41 326 P	P	07 20 46.5 +0.3
KSPA	37.42 1 eP	P	07 20 49.1 +3.1
W32A	37.46 329 P	P	07 20 46.6 +0.1
X31A	37.47 327 P	P	07 20 46.8 +0.2
M54A	37.48 356 P	P	07 20 47.8 +1.3
SFIN	37.48 347 P	P	07 20 46.2 -0.3
V33A	37.52 330 P	P	07 20 46.6 -0.3
S37A	37.56 336 P	P	07 20 47.0 -0.3
R38A	37.56 337 P	P	07 20 47.0 -0.3
T35A	37.57 333 P	P	07 20 47.6 +0.2
Q40A	37.62 340 P	P	07 20 47.3 -0.4
U34A	37.65 332 P	P	07 20 47.8 -0.2
U34A	37.65 332 eP	P	07 20 48.0 0.0
V32A	37.82 329 P	P	07 20 49.9 +0.4
X30A	37.82 326 P	P	07 20 50.1 +0.6
S36A	37.85 335 P	P	07 20 49.1 -0.6
W31A	37.87 328 P	P	07 20 49.8 -0.1
U33A	37.92 331 P	P	07 20 50.0 -0.3
T34A	37.97 333 P	P	07 20 50.2 -0.4
Q39A	37.98 339 P	P	07 20 49.9 -0.8
R37A	38.04 336 P	P	07 20 50.7 -0.6
P40A	38.09 340 P	P	07 20 51.2 -0.4
ERPA	38.10 356 eP	P	07 20 53.3 +1.6
S35A	38.12 334 P	P	07 20 51.8 -0.2
Q38A	38.13 338 P	P	07 20 51.8 -0.3
HDIL	38.19 344 eP	P	07 20 52.0 -0.5
W30A	38.21 327 P	P	07 20 53.0 +0.2
V31A	38.27 329 P	P	07 20 54.0 +0.7

P39A	38.29 340 P	P	07 20 52.7 -0.7
U32A	38.31 330 P	P	07 20 53.9 +0.3
R36A	38.32 336 P	P	07 20 53.1 -0.6
Q37A	38.38 337 P	P	07 20 53.3 -0.8
S34A	38.49 333 P	P	07 20 55.1 0.0
T33A	38.51 332 P	P	07 20 55.6 +0.4
MSTX	38.56 324 P	P	07 20 56.3 +0.5
MSTX	38.56 324 eP	P	07 20 56.4 +0.5
O40A	38.56 341 P	P	07 20 55.0 -0.7
AMTX	38.59 326 P	P	07 20 56.7 +0.6
AMTX	38.59 326 eP	P	07 20 56.6 +0.6
R35A	38.61 335 P	P	07 20 55.8 -0.3
MNTX	38.66 319 P	P	07 20 57.4 +0.7
MNTX	38.66 319 eP	P	07 20 57.4 +0.7
P38A	38.69 339 P	P	07 20 56.1 -0.6
U31A	38.73 329 P	P	07 20 57.3 +0.1
S33A	38.80 332 P	P	07 20 57.6 -0.1
Q36A	38.85 336 P	P	07 20 57.5 -0.6
O39A	38.90 340 P	P	07 20 57.9 -0.6
T32A	38.91 331 P	P	07 20 58.9 +0.2
P37A	38.96 338 P	P	07 20 58.3 -0.7
Q35A	38.99 336 P	P	07 20 59.0 -0.3
R34A	39.04 334 P	P	07 20 59.6 -0.1
O38A	39.11 339 P	P	07 20 59.6 -0.6
T31A	39.21 330 P	P	07 21 01.7 +0.5
U30A	39.27 329 P	P	07 21 02.5 +0.8
P36A	39.31 337 P	P	07 21 01.3 -0.6
S32A	39.33 332 P	P	07 21 02.7 +0.6
R33A	39.38 333 P	P	07 21 02.4 -0.1
O37A	39.39 339 P	P	07 21 01.7 -0.8
Q34A	39.43 335 P	P	07 21 02.8 -0.1
KSU1	39.44 335 P	P	07 21 02.4 -0.6
KSU1	39.44 335 eP	P	07 21 02.3 -0.6
N39A	39.45 341 P	P	07 21 02.4 -0.7
S31A	39.53 331 P	P	07 21 04.6 +0.8
U29A	39.53 328 P	P	07 21 04.9 +1.0
P35A	39.55 336 P	P	07 21 03.1 -0.8
T30A	39.60 329 P	P	07 21 05.3 +0.8
N38A	39.62 340 P	P	07 21 03.5 -1.0
O36A	39.66 338 P	P	07 21 04.1 -0.7
R32A	39.80 332 P	P	07 21 05.9 -0.1
Q33A	39.88 334 P	P	07 21 07.3 +0.6
P34A	39.90 335 P	P	07 21 06.5 -0.4
S30A	40.03 330 P	P	07 21 08.6 +0.7
T29A	40.08 329 P	P	07 21 09.2 +0.8
R31A	40.08 331 P	P	07 21 08.7 +0.3
O35A	40.14 337 P	P	07 21 08.0 -0.8
M38A	40.17 340 P	P	07 21 08.5 -0.5
P33A	40.18 334 P	P	07 21 09.1 0.0
Q32A	40.20 333 P	P	07 21 09.2 -0.1
N36A	40.26 338 P	P	07 21 09.0 -0.7
S29A	40.34 329 P	P	07 21 11.7 +1.1
O34A	40.38 336 P	P	07 21 10.2 -0.6
R30A	40.44 331 P	P	07 21 12.4 +1.0
N35A	40.55 338 P	P	07 21 11.3 -0.8
Q31A	40.59 332 P	P	07 21 12.3 -0.3
CBKS	40.60 332 P	P	07 21 12.5 -0.2
CBKS	40.60 332 eP	P	07 21 13.4 +0.8
SCIA	40.61 341 eP	P	07 21 12.2 -0.4
JFWS	40.65 344 eP	P	07 21 12.3 -0.6</

ANMO	Albuquerque	41.45	322	P	P	07	21	21.6	+1.8
ANMO	Albuquerque	41.45	322	eP	P	07	21	21.4	+1.5
M34A	Aspy Farms, Fr	41.46	337	P	P	07	21	19.0	-0.6
O31A	Woolen Ranch,	41.48	333	P	P	07	21	19.5	-0.4
K37A	Belmond	41.52	341	P	P	07	21	18.9	-1.2
LAZ	Ladron	41.52	321	eP	P	07	21	22.4	+1.9
N32A	Stuken Farm,	41.54	335	P	P	07	21	19.5	-0.8
L35A	Bielow Farm, R	41.60	339	P	P	07	21	20.0	-0.8
J38A	Wedel Dairy, R	41.66	342	P	P	07	21	20.2	-1.0
T25A	Trinidad	41.75	326	P	P	07	21	23.7	+1.4
T25A	Trinidad	41.75	326	eP	P	07	21	24.0	+1.7
M33A	Taylor Creek F	41.76	337	P	P	07	21	21.8	-0.3
L34A	Svendsen Farm,	41.78	338	P	P	07	21	21.8	-0.5
P29A	Atwood	41.79	331	P	P	07	21	22.7	+0.3
Q28A	Sharon Springs	41.81	330	P	P	07	21	23.5	+0.8
O30A	MW Ranch, Wils	41.84	333	P	P	07	21	22.7	-0.1
BGNE	Belgrade	42.01	336	P	P	07	21	23.9	-0.3
P28A	Saint Francis	42.16	331	P	P	07	21	26.5	+1.0
KSCO	Kaye Shedlock	42.17	329	P	P	07	21	26.1	+0.5
KSCO	Kaye Shedlock	42.17	329	eP	P	07	21	26.8	+1.2
J36A	Seneca 1, Sween	42.25	341	P	P	07	21	24.7	-1.4
I38A	Scanlan Farm,	42.27	343	P	P	07	21	25.3	-0.9
L33A	Hoskins	42.30	337	P	P	07	21	25.4	-1.0
K34A	Le Mars	42.30	338	P	P	07	21	25.4	-1.0
M31A	Lambrecht Ranc	42.30	335	P	P	07	21	26.2	-0.3
L32A	Elgin	42.45	336	P	P	07	21	27.1	-0.7
I37A	Lemond, Waseca	42.57	342	P	P	07	21	27.5	-1.1
J35A	Milford	42.58	340	P	P	07	21	27.6	-1.1
O28A	Krutsinger Ran	42.60	331	P	P	07	21	29.6	+0.6
N29A	Votaw Ranch, W	42.61	333	P	P	07	21	28.7	-0.4
TUC	Tucson	42.70	315	eP	P	07	21	32.1	+2.1
I36A	Fitzsimmons Fa	42.76	341	P	P	07	21	29.4	-0.8
J34A	George	42.77	339	P	P	07	21	29.6	-0.7
SDCO	Great Sand Dun	42.79	326	P	P	07	21	32.5	+1.7
SDCO	Great Sand Dun	42.79	326	eP	P	07	21	32.6	+1.7
N28A	Pribbeno Ranch	42.93	332	P	P	07	21	31.6	0.0
L31A	Butterfield Fa	42.94	336	P	P	07	21	31.5	-0.2
H37A	Dierke Farm, C	42.94	343	P	P	07	21	30.8	-0.8
I35A	Creekview Farm	42.94	340	P	P	07	21	30.9	-0.7
K32A	Verdigre	42.99	337	P	P	07	21	30.9	-1.2
L30A	Spencer Herefo	43.12	335	P	P	07	21	33.2	0.0
M29A	Burnside Ranch	43.14	333	P	P	07	21	33.1	-0.3
J33A	Davis	43.17	338	P	P	07	21	32.3	-1.2
H36A	Jessenland, He	43.24	342	P	P	07	21	33.2	-0.8
K31A	O'Neill	43.27	336	P	P	07	21	34.2	-0.2
OGNE	Ogallala	43.36	332	P	P	07	21	35.6	+0.5
OGNE	Ogallala	43.36	332	eP	P	07	21	36.0	+0.8
ECSD	EROS Data Cent	43.40	339	P	P	07	21	34.4	-0.9
ECSD	EROS Data Cent	43.40	339	eP	P	07	21	34.3	-1.0
I34A	Hadley	43.40	340	P	P	07	21	34.6	-0.7
M28A	Bar X Bar Ranch	43.41	333	P	P	07	21	35.4	-0.2
X18A	Snowflake	43.42	319	eP	P	07	21	38.0	+2.1
Q24A	Divide	43.46	327	P	P	07	21	36.3	0.0
SPMN	Marine on St.	43.49	343	P	P	07	21	35.1	-0.9
SPMN	Marine on St.	43.49	343	eP	P	07	21	35.3	-0.7
L29A	Maesberg Ranch	43.54	334	P	P	07	21	36.3	-0.3
J32A	Parkton	43.55	337	P	P	07	21	35.4	-1.2
S22A	4UR Ranch, Cre	43.55	325	P	P	07	21	38.7	+1.7
S22A	4UR Ranch, Cre	43.55	325	eP	P	07	21	38.6	+1.6
H35A	Sunnyside Ranch	43.63	341	P	P	07	21	35.8	-1.4
W18A	Petrified Fore	43.64	319	P	P	07	21	39.3	+1.7
W18A	Petrified Fore	43.64	319	eP	P	07	21	40.1	+2.5
K30A	Basset	43.67	335	P	P	07	21	37.1	-0.5
LMQ	La Malbaie	43.74	6	eP	P	07	21	39.0	+1.0
G36A	St. Michael	43.78	342	P	P	07	21	36.9	-1.4
J31A	Geddes	43.83	337	P	P	07	21	37.4	-1.4
H34A	Spellman Lake,	43.92	340	P	P	07	21	38.2	-1.3
214A	Organ Pipe Nat	43.95	314	P	P	07	21	40.6	+0.5
I32A	Karley and Nic	43.96	338	P	P	07	21	38.3	-1.6
VLQD	Vai d'Or	43.98	359	eP	P	07	21	41.3	+1.5
G35A	Watkins	43.99	342	P	P	07	21	38.9	-1.2
K29A	Lazy Trails An	44.04	335	P	P	07	21	40.2	-0.4
J30A	Dallas	44.16	336	P	P	07	21	40.0	-1.5
MVCO	Mesa Verde	44.18	323	P	P	07	21	42.6	+0.7
MVCO	Mesa Verde	44.18	323	eP	P	07	21	43.3	+1.4
H33A	Prehn Over Nor	44.27	339	P	P	07	21	41.3	-1.0
I36A	Milaca	44.28	343	P	P	07	21	41.4	-0.9
FSFO	Idaho Springs	44.31	328	P	P	07	21	43.9	+0.9
ISCO	Idaho Springs	44.31	328	eP	P	07	21	44.3	+1.2
X16A	Lo Mia Camp, P	44.35	317	eP	P	07	21	45.7	+2.4
H32A	Carlson Farm,	44.36	339	P	P	07	21	42.1	-1.0
I31A	Royce, Wessing	44.37	337	P	P	07	21	42.0	-1.1
G34A	Benson	44.38	341	P	P	07	21	41.9	-1.3
K28A	Ten Mile Ranch	44.45	334	P	P	07	21	44.1	+0.2
J29A	Okreek	44.57	335	P	P	07	21	44.1	-0.6
F35A	Swanville	44.59	342	P	P	07	21	43.5	-1.3
G33A	Ortville	44.61	340	P	P	07	21	43.7	-1.3
SMCO	Snowmass	44.62	326	eP	P	07	21	47.1	+1.5
I30A	Oacoma	44.62	336	P	P	07	21	43.9	-1.2
H31A	Wolsey	44.73	338	P	P	07	21	45.0	-0.9
F34A	Alexandria	44.75	341	P	P	07	21	44.9	-1.2
E36A	McGregor	44.80	344	P	P	07	21	45.7	-0.8
PLCA	Paso Flores	44.83	174	P	P	07	21	47.6	+0.8
PLCA	Paso Flores	44.83	174	eP	P	07	21	47.6	+0.8
PV01	Paradox Valley	44.83	324	eP	P	07	21	48.8	+1.7
SUSD	Miller	44.88	337	P	P	07	21	45.8	-1.3
WUAZ	Wupatki	44.95	319	P	P	07	21	49.8	+1.8
WUAZ	Wupatki	44.95	319	eP	P	07	21	50.0	+2.0
J28A	Allen Ranch	44.97	334	P	P	07	21	47.5	-0.4
G32A	Webster	45.03	339	P	P	07	21	47.1	-1.2
I29A	Vivian Onida	45.06	336	P	P	07	21	47.4	-1.2
PV05	Paradox Valley	45.11	323	eP	P	07	21	50.7	+1.4
F33A	5 Mile Ranch,	45.12	341	P	P	07	21	47.6	-1.4
Y14A	Wekendurg	45.15	316	eP	P	07	21	51.5	+2.0
D37A	Cotton	45.16	345	P	P	07	21	49.0	-0.3
J27A	Elkhorn Ranch	45.17	334	P	P	07	21	50.0	+0.4
E35A	Pequot Lakes	45.17	343	P	P	07	21	48.5	-0.9
C39A	Grand Marais	45.22	347	P	P	07	21	49.1	-0.7
G31A	Conde	45.26	338	P	P	07	21	49.1	-1.1
PV10	Paradox Valley	45.27	324	eP	P	07	21	52.2	+1.6
N23A	Red Feather La	45.27	328	P	P	07	21	51.5	+0.8
N23A	Red Feather La	45.27	328	eP	P	07	21	52.9	+2.2
PHWY	Pilot Hill	45.32	329	eP	P	07	21	52.4	+1.3
D36A	Goodland	45.38	344	P	P	07	21	50.2	-0.8
C38A	Sawbill Land.	45.39	346	P	P	07	21	50.2	-1.0
I28A	Midland	45.41	335	P	P	07	21	50.5	-0.9
F32A	Veblen	45.43	340	P	P	07	21	50.2	-1.3
H29A	Onida	45.53	336	P	P	07	21	51.1	-1.2
G30A	Faultkon	45.53	338	P	P	07	21	51.3	-1.0
D35A	Remo	45.54	343	P	P	07	21	51.0	-1.3
E33A	Westby DABS, E	45.62	341	P	P	07	21	51.9	-1.1
C37A	Embarrass	45.63	345	P	P	07	21	52.5	-0.5
EYMN	Ely	45.66	346	P	P	07	21	52.5	-0.7
EYMN	Ely	45.66	346	eP	P	07	21	52.8	-0.5
J26A	Sides Ranch, S	45.69	333	P	P	07	21	54.1	+0.4
F31A	Hecla	45.82	339	P	P	07	21	53.4	-1.2
C36A	Pin Crest Far	45.82	345	P	P	07	21	54.3	-0.2
I27A	Quinn	45.84	334	P	P	07	21	54.6	-0.2
D34A	Park Rapids	45.88	342	P	P	07	21	54.1	-1.0
G29A	Hoven	45.88	337	P	P	07	21	54.1	-1.0
O20A	White River Ci	45.98	326	P	P	07	21	57.6	+1.4
O20A	White River Ci	45.98	326	eP	P	07	21	57.9	+1.7
C35A	Jirik Farms, M	46.08	344	P	P	07	21	55.7	-0.8

FINES FINES Array B 83.18 334 P P 07 58 36.0 -0.2
PLCA Paso Flores 145.76 131 PKPbc PKPab 08 05 48.5 -0.3
LPZA 2.6nm,0.7s,baz=268,slow=2,SNR=8.8
La Paz 149.84 85 PKPbc PKPbc 08 06 00.8 +0.6

NIED 31 08:21:00.34'80N;139'20'E,h0km,Mw4.0 Best double
couple: M=1.01000;1015 NP1.355600000; 85.000000;
lambda=11.00000; NP2.359800000; 88.000000;
lambda=165.00000

IDC 31 08:21:57.2+0.9,34'62N;139'02E,h0km,mb3.7/6,
mb1 3.9,mb1mx3.6/5,mbtmp3.7/8,ML3.52,MS3.4/4,
MS1 3.4,ms1mx3.0/4,Error ellipse: s-maj=27.1km,
s-min=15.0km az=82.0

ISCJB 31 08:21:58.1-0.5,34'83N;0'03-139'23E;0.05,h1.1km,km,
mb3.7/6,MS3.7/2,Error ellipse: s-maj=7.5km s-min=4.5km
az=149.8

JMA 31 08:21:58.2-0.1,34'84N;139'24E,h10km,1km,MA.2
JMA Feit JV.1
ISC 31 08:21:58.0-0.9,34'78N;0.05;139'18E;0.05,h9km,7km,
n24,c1910/21,mb3.7/6,1C-AD,Near south coast of
eastern Honshu

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Kamata 2, Oshima 3, Izushimoda, Odawara 2, Kozu shima, Hachijo jima 2, Matsushiro Arr, etc.

GUC 31 08:32:40.8-0.5,34'76S;71'82W,h39km,2km,ML3.8
ISC 31 08:32:39.7-3.5,34'85S;0'2x71'9W;0.2,h32km,1.3km,n20,
c092/24,Near coast of central Chile

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Pichilemu, Los Niches, Longovio, Chadas Angostu, Talagante, Antumapu, Cerro Calan, etc.

ISCJB 31 08:48:18.7+1.3,36'69N;0'09-26'56E;0.05,h31km,8km,
Error ellipse: s-maj=15.1km s-min=6.8km az=0.3
DDA 31 08:48:18.5,36'85N;26'48E,h7km,MD2.4
CSEM 31 08:48:20.9-0.2,37'02N;26'52E,h5km,MD2.6,Error
ellipse: s-maj=8.7km s-min=4.2km az=1.0

ISC 31 08:48:20.2,37'07N;26'52E,h5km,MD2.6
ISC 31 08:48:18.9-1.6,36'86N;0'06-26'47E;0.04,h12km,11km,
n17,c05/40/24,Dodecanese Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Nisyros Isl, Bodrum, Apeiranthos, Kayabasi, etc.

TURN S Sn 08 49 03.3 -7.1

ISCJB 31 08:49:49.7+0.6,38'11N;0'03-39'07E;0.04,h5km,8km,
Error ellipse: s-maj=5.6km s-min=4.9km az=39.6
CSEM 31 08:49:49.8-0.3,38'11N;39'08E,h8km,MD2.4,Error
ellipse: s-maj=6.4km s-min=4.7km az=114.0

ISK 31 08:49:49.6,38'09N;39'04E,h20km,MD2.7
DDA 31 08:49:49.3,38'12N;39'05E,h10km,MD2.4
ISC 31 08:49:49.1,38'14N;0'03-39'05E;0.04,h15km,9km,
n16,c05/30,Turkey

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Elazig, Urfia, Pertek, Diyarbakir, etc.

IDC 31 09:13:28.4-3.2,53'38N;91'08E,h0km,mb1 3.4/3,
mb1mx3.1/49,mbtmp3.4/3,ML2.9/3,Error ellipse:
s-maj=27.1km s-min=22.8km az=60.0

NNC 31 09:13:30.6+1.8,52'98N;91'09E,h16km,9km,mb4.0,
mpv3.7,Error ellipse: s-maj=13.9km s-min=11.6km az=6.0

ISC 31 09:13:32.5-4.2,53'22N;0'191E;0.2,h35km,n12,
c232/16,7C-6D,Southwestern Siberia

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Zalesovo Beam, ZALV, TLY, KURK, etc.

ISCJB 31 09:38:41.0-0.4,37'21N;0'03-71'93E;0.07,h150km,
mb3.8/11,Error ellipse: s-maj=8.1km s-min=3.6km
az=163.5

IDC 31 09:38:40.3+4.3,36'99N;72'00E,h143km,31km,mb3.6/11,
mb1 3.7/17,mb1mx3.4/48,mbtmp4.1/17,Error ellipse:
s-maj=38.4km s-min=18.9km az=167.0

NNC 31 09:38:50.8+1.0,37'94N;71'88E,h240km,8km,mb3.1,
mpv4.0,Error ellipse: s-maj=9.8km s-min=6.8km az=22.0

ISC 31 09:38:41.9-0.6,37'29N;0'05-71'87E;0.09,h150km,n58,
c230/58,MD3.7/11,7C-7D,Afghanistan-Tajikistan
border region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Cherat, Chirah Chowk, Almayashu, etc.

TKM2 Tokmak 2 6.30 26 P Pn 09 40 15.0 +2.3

SMLA Simla 7.55 143 i P Pn 09 40 28.5 -0.8
SMLA SMLA i S Sn 09 41 46.4 -7.2
SMLA SMLA i S Sn 09 41 46.5 -7.1
SMLA SMLA AML AML 09 41 51.4

SMLA comp=N,2um,0.3s AML AML 09 41 51.7

Rohtak comp=E,3um,0.4s 9.07 154 eS Sn 09 42 21.0 -9.2
BHRG Bahadurgarh 9.58 152 eS Sn 09 42 33.0 -9.3
NDI New Delhi 9.69 151 ex Pn 09 40 51.0 -6.7

NDI NDI ex Sn 09 42 55.0 +1.0
AYAN Aya Nagar 9.83 152 eS Sn 09 42 39.1 -9.5
KUDL Kurchatov Arra 9.92 156 eP Sn 09 40 58.4 -2.4

KUDL comp=E,33nm,0.3s AML AML 09 42 40.0 -1.1
KUDL comp=N,20nm,0.2s IAML IAML 09 42 44.1

SONA Sona 10.03 153 eS Sn 09 42 42.0 -1.1
SONA comp=E,41nm,0.4s IAML IAML 09 42 46.4

MKAR Makanchi Arra 12.24 36 P Pn 09 42 30.0 +2.8
PYUN Piuthan 13.09 131 eP Pn 09 41 39.4 -3.1

DANN comp=N,30nm,0.4s 13.38 128 eP Pn 09 41 43.5 -2.8
DANN comp=N,4.8nm,0.3s 13.38 128 eP Pn 09 41 43.5 -2.8

KOLN Koldanda 13.70 131 eP Pn 09 41 47.8 -2.4
KURBB comp=N,17nm,0.5s 14.15 18 P Pn 09 41 57.9 -0.5

KURBB comp=N,0.3nm,0.3s,baz=206,slow=11,SNR=37 14.15 18 P Pn 09 41 57.9 -0.5
KURBB Kurchatov Arra 14.15 18 P Pn 09 41 57.9 -0.5

GKN Gorkha 14.18 127 eP Pn 09 41 54.8 -1.4
GKN comp=N,2.1nm,0.2s 14.18 127 eP Pn 09 41 54.8 -1.4

KAKANI Kakani 14.74 126 eP Pn 09 42 00.6 -2.7
DMN Daman 14.75 127 eP Pn 09 42 01.9 -1.6

AB31 comp=N,22nm,0.5s 14.76 328 P Pn 09 42 02.0 -1.1
AB31 comp=N,4.2nm,0.6s,baz=142,slow=12,SNR=7.6 14.76 328 P Pn 09 42 02.0 -1.1

PKIN Pulkhoki 14.96 126 eP Pn 09 42 04.7 -1.4
PKIN comp=N,1.2nm,0.3s 14.96 126 eP Pn 09 42 04.7 -1.4

GUN Gumbla 15.05 124 eP Pn 09 42 05.1 -2.1
GUN comp=N,1.6nm,0.4s 15.05 124 eP Pn 09 42 05.1 -2.1

JIRN Jiri 15.42 124 eP Pn 09 42 10.5 -1.4
JIRN comp=N,2.9nm,0.4s 15.42 124 eP Pn 09 42 10.5 -1.4

BVAO Borovoye Arra 15.77 357 P Pn 09 42 12.0 -3.5
BVAO comp=N,4.4nm,0.8s,baz=154,slow=10,SNR=15 15.77 357 P Pn 09 42 12.0 -3.5

BVAR Borovoye Arra 15.77 357 P Pn 09 42 16.2 -0.2
BVAR comp=N,0.7nm,0.3s,baz=164,slow=12,SNR=16 15.77 357 P Pn 09 42 16.2 -0.2

ZVRK comp=N,0.6nm,0.3s,baz=165,slow=22,SNR=7.7 15.77 357 P Pn 09 42 16.2 -0.2
ZVRK Zerenda 15.77 354 P Pn 09 42 13.3 -2.5

RAMM Ramit 16.17 125 eP Pn 09 42 19.9 -1.0
RAMM comp=N,4.5nm,0.7s 16.17 125 eP Pn 09 42 19.9 -1.0

CHKZ Chkalovo 16.41 357 P Pn 09 42 20.1 -3.2
CHKZ comp=N,3.0nm,0.6s 16.41 357 P Pn 09 42 20.1 -3.2

AKTO Aktuyubinsk 16.47 327 P Pn 09 42 25.3 +1.2
AKTO comp=N,0.5nm,0.3s,baz=126,slow=10,SNR=14 16.47 327 P Pn 09 42 25.3 +1.2

AKTO Aktuyubinsk 16.47 327 P Pn 09 42 21.7 -2.4
AKTO comp=N,1.4nm,1.2s 16.47 327 P Pn 09 42 21.7 -2.4

AKTO Aktuyubinsk 16.47 327 P Pn 09 42 15.7 -1.1
AKTO comp=N,5.7nm,0.7s 16.47 327 P Pn 09 42 15.7 -1.1

TAPN Taplejung 16.64 122 eP Pn 09 42 25.6 -0.9
ODAN Odare 16.75 124 eP Pn 09 42 27.3 -0.6

ZALV Zalesovo Beam 18.90 24 P Pn 09 42 52.2 -0.8
ZALV comp=N,3.4nm,0.3s,baz=225,slow=10,SNR=63 18.90 24 P Pn 09 42 52.2 -0.8

ARU Ari 21.12 339 P Pn 09 43 16.5 +2.0
ARU comp=N,5.8nm,0.2s,baz=112,slow=9,SNR=4.7 21.12 339 P Pn 09 43 16.5 +2.0

SONM Songoing Arra 27.31 56 P Pn 09 44 13.0 +0.5
SONM comp=N,0.7nm,0.5s,baz=274,slow=9,SNR=6.6 27.31 56 P Pn 09 44 13.0 +0.5

SONM Songoing Arra 27.31 56 P Pn 09 44 51.4 +7.5
SONM comp=N,1.2nm,0.7s,baz=250,slow=11,SNR=16 27.31 56 P Pn 09 44 51.4 +7.5

AKAS Akatin Array B 33.00 308 P Pn 09 45 05.1 +2.6
AKAS comp=N,0.8nm,0.5s,baz=107,slow=8.7,SNR=2.6 33.00 308 P Pn 09 45 05.1 +2.6

NRK Noril'sk 33.22 10 P Pn 09 45 06.2 +2.1
NRK comp=N,3.8nm,0.5s,baz=183,slow=6.0,SNR=8.4 33.22 10 P Pn 09 45 06.2 +2.1

ARCES ARCES Array B 40.68 337 P Pn 09 46 08.8 +1.7
ARCES comp=N,2.6nm,0.6s,baz=128,slow=9.8,SNR=5.2 40.68 337 P Pn 09 46 08.8 +1.7

NOA NORSA Array B 44.17 322 P Pn 09 46 36.8 +1.2
NOA comp=N,0.5nm,0.6s,baz=94,slow=7.3,SNR=3.4 44.17 322 P Pn 09 46 36.8 +1.2

SPITS Spitsbergen Arr 46.88 347 P Pn 09 46 58.5 +2.1
SPITS comp=N,1.2nm,0.6s,baz=128,slow=6.4,SNR=5.0 46.88 347 P Pn 09 46 58.5 +2.1

TORD Torodi Arr, Bea 66.44 269 P Pn 09 49 14.9 -0.4
TORD comp=N,0.4nm,0.5s,baz=44,slow=5.1,SNR=9.1 66.44 269 P Pn 09 49 14.9 -0.4

INK Inuvik 73.01 10 P Pn 09 49 55.9 +1.3
INK comp=N,1.0nm,0.5s,baz=342,slow=6.5,SNR=19 73.01 10 P Pn 09 49 55.9 +1.3

ILAR Eleton Array B 73.82 16 P Pn 09 49 58.8 -0.7
ILAR comp=N,0.3nm,0.8s,baz=353,slow=3.8,SNR=4.8 73.82 16 P Pn 09 49 58.8 -0.7

YKA Yellowknife Arr 80.42 3 P Pn 09 50 36.9 +0.7
YKA comp=N,0.9nm,0.5s,baz=350,slow=5.6,SNR=22 80.42 3 P Pn 09 50 36.9 +0.7

MOS 31 09:51:20.6+1.4,48'31N;151'15E,h243km,mb3.9/1,Error
ellipse: s-maj=37.6km s-min=14.2km az=69.2

ISCJB 31 09:51:21.0-0.9,48'31N;151'15E;0.1,h250km,n17,
mb3.0/5,Error ellipse: s-maj=17.0km s-min=7.6km
az=137.7

IDC 31 09:51:23.2-2.9,48'42N;151'42E,h255km,30km,mb2.9/5,
mb1 3.0/8,mb1mx2.8/61,mbtmp3.5/8,Error ellipse:
s-maj=22.6km s-min=19.9km az=130.0

SKHL 31 09:51:24.3-0.0,48'56N;151'41E,h264km,5km,mb4.1/2,
m194,8/2
ISC 31 09:51:21.1-0.9,48'31N;0'1-151'15E;0.1,h250km,n17,
c183/17,mb3.1/5,Kuril Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Kuril'sk, Severo-Kuril's, Shikotan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CDT, PDG, BARS, VITOSA, STON, etc.

ISCJB 31 11:31:04.2,0.4, 33.26N,0.02,33.62E,0.04,h14km,1.7km, Error ellipse: s-maj=5.7km s-min=2.7km az=160.6

GRAL 31 11:31:04.3,1.2,33.28N,33.62E,h10km,24km,MD3.5 NIC 31 11:31:05.3,0.1,33.36N,33.86E,h46km,ML3.5

CSEM 31 11:31:05.4,0.2,33.28N,33.61E,h40km,MD3.3, Error ellipse: s-maj=6.0km s-min=2.9km az=69.4

DDA 31 11:31:06.4,3.9N,33.7E,h8km,MD3.4 NSSC 31 11:31:07.3,0.9,33.51N,33.81E,h104km,54km,ML2.6

SGS 31 11:31:05.0,30.96N,34.10E,h3km ISC 31 11:31:05.2,0.7,33.29N,0.02,33.67E,0.03,h54km,29km,n77,0.999/116,Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HNTI, OFRI, BLGI, SLTI, SZAC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DSI, DEVI, REVIVIM, MASADA, KZIOT, etc.

ISCJB 31 11:44:25.0,0.4, 47.25N,0.02,10.73E,0.03,h14km,4km, Error ellipse: s-maj=3.7km s-min=3.2km az=153.9

CSEM 31 11:44:25.6,0.1, 47.25N,10.72E,h10km,ML2.6/6, Error ellipse: s-maj=2.3km s-min=1.9km az=154.0

VIE 31 11:44:25.6,0.2, 47.25N,10.73E,h9km,5km,mb1.6/6, ml2.7/11, Error ellipse: s-maj=1.3km s-min=0.9km

ROM 31 11:44:26.0,9.4, 47.22N,10.78E,h10km,MD2.32,MI1.3/1, Error ellipse: s-maj=9.9km s-min=5.6km az=1.0

BGR 31 11:44:27.0,4.7, 47.26N,10.68E,h10km,ML2.4/7, Error ellipse: s-maj=6.7km s-min=3.3km az=3.0

BGR Feil IV EMS, PRU 31 11:44:27.3, 47.38N,10.70E,h5km n36,0.97/66,9C-2D,Austria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RETA, FETA, MOTA, DAVA, WATA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BERNI, RJOB, KBA, BFO, WETZELL, etc.

ISCJB 31 11:47:23.6,0.6, 26.9N,0.1, 143.73E,0.10,h10km, mb3.7/8, Error ellipse: s-maj=16.4km s-min=10.8km az=31.1

IDC 31 11:47:24.2,0.9, 26.96N,143.62E,h0km,mb3.6/8, mb1.3/8/10, mb1mx3.7/14, mbtmp3.7/10, ML3.4/2, MS2.3/1, Ms1.2/3.1, ms1mx2.0/55, Error ellipse: s-maj=23.6km s-min=16.4km az=66.0

ISC 31 11:47:25.4,0.9, 27.0N,1.1, 143.64E,0.09,h10km,n11, 0.94/112,mb3.7/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JCJ, MJAR, KSRs, SONM, WRA, FITZ, ZALV, ASAR, MKAR, STKA, YKA, etc.

IDC 31 11:55:44.9,2.2, 16.18S,173.14W,h0km,mb3.7/5, mb1.4/1/6, mb1mx3.8/46, mbtmp3.8/6, ML3.8/1, MS3.6/1, Ms1.3/6/1, ms1mx2.8/26, Error ellipse: s-maj=112.3km s-min=144.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI, HNR, WRA, ALICE, NVAR, PDAR, ILAR, BRTR, etc.

ISCJB 31 11:57:46.3,0.9, 27.1N,0.1, 143.5E,0.1, h10km,mb3.8/8, Error ellipse: s-maj=18.7km s-min=13.1km az=2.4

IDC 31 11:57:47.0,1.1, 27.10N,143.35E,h0km,mb3.8/8, mb1.3/8/8, mb1mx3.6/50, mbtmp3.8/8, Error ellipse: s-maj=26.4km s-min=20.3km az=67.0

ISC 31 11:57:48.4,1.2, 27.11N,0.2, 143.4E,0.1, h10km,n9, 0.84/110,mb4.0/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JCJ, SONM, WRA, ASAR, MKAR, KURBB, BVAR, FINES, AKASG, etc.

ISCJB 31 11:59:59.5,0.3, 27.84N,140.08E,h523km,MA.4, Error ellipse: s-maj=6.8km s-min=4.6km az=172.4

JMA 31 12:00:00.1,0.1, 27.99N,140.08E,h523km,MA.4, Error ellipse: s-maj=12.2km s-min=8.3km az=85.0

ISC 31 11:59:59.7,0.5, 27.88N,139.67E,h512km,9km,mb3.2/24, mb1.3/4/31, mb1mx3.3/57, mbtmp4.2/31, Error ellipse: s-maj=12.2km s-min=8.3km az=85.0

ISC 31 11:59:59.7,0.5, 27.88N,139.77E,0.09,h500km,n58, 0.1933/76,mb3.6/24, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBJ, JCJ, JHH, JHU, JHV, JHW, JHT, JI, etc.

31st 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSO1, BSO3, JIE, JKN2, BSO4, etc.

ISC 31 12:35:11.24.6.2, 207.20N:59.47E, h0km, mb3.4/3, m1 3.4/4, mb1mx3.2/55, mbtmp3.4/4, Error ellipse: s-maj=197.0km s-min=26.8km az=150.0

ISC 31 12:35:14.4.0.3, 28.17N:0.075.9E, h10km, ML3.7, Error ellipse: s-maj=9.1km s-min=8.0km az=120.0

TEH 31 12:35:18.1, 28.34N:58.97E, h16km, ML3.7, Error ellipse: s-maj=19.1km s-min=8.0km az=120.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZHFS, NIAN, NIAN, CHHM, etc.

2011 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR, SONM, TORD, etc.

ISC 31 12:44:19.9.0.5, 38.41N:0.04.74.01E:0.06, h124km, mb3.4/7, Error ellipse: s-maj=7.4km s-min=5.1km az=152.8

ISC 31 12:44:19.5.2.9, 38.24N:7.4.10E, h118km, mb3.2/7, m1 3.3/1, mb1mx3.2/63, mbtmp3.6/11, Error ellipse: s-maj=22.8km s-min=17.5km az=164.0

ISC 31 12:44:21.6.38.49N:74.22E, h122km, mb3.6/1, NNC 31 12:44:25.2.4, 38.66N:73.92E, h23km, 1.1km, mb3.5, mpv3.1, Error ellipse: s-maj=19.5km s-min=15.0km az=149.0

ISC 31 12:44:20.4.0.7, 38.34N:0.07.74.01E:0.07, h124km, n24, r1515/27, mb3.2/7, 8C-5D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSH, MNAS, AAK, etc.

1606

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, ASAR, STKA, etc.

ISC 31 13:49:08.1±2.0, 0.22S:125.57E, h0km, mb3.0/3, m1 3.3/3, mb1mx3.1/35, mbtmp3.4/4, ML3.5/1, MS3.9/1, s-maj=193.2km s-min=27.0km az=63.0, Southern Molucca Sea

ISC 31 13:53:08.4±1.8, 2.22S:127.90E, h0km, mb3.4/3, m1 3.6/4, mb1mx3.3/34, mbtmp3.4/4, ML3.5/1, MS3.9/1, s-maj=23.1km az=67.0, Ceram Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, ASAR, RAO, etc.

YARS 31 14:09:43.0±2.5, 6.89N:0.01±123.14E:0.02, h10km, Error ellipse: s-maj=173.2km s-min=131.8km az=77.0, Northern Molucca Sea

31d 14h

Table with columns for station ID, name, coordinates, and various signal strength and quality metrics. Includes stations like NKL, PMG, PETK, etc.

2011 JAN

Table with columns for station ID, name, coordinates, and various signal strength and quality metrics. Includes stations like YAK, BOD, GTA, etc.

1608

Table with columns for station ID, name, coordinates, and various signal strength and quality metrics. Includes stations like NVS, TTA, PYUN, etc.

DLBC	Dease Lake	68.52	34	LR	LR	15 26 40.1
	comp-Z,72nm,19.5s,baz=280,slow=35					
DLBC	Dease Lake	68.52	34	eP	P	14 57 32.4 +0.8
SVE	Sverdlovsk	68.93	324	eP	Pmax	14 57 34.7 +0.7
	comp-Z,21nm,0.6s					
ARU	Arti	70.13	324	iP	P	14 57 41.7 +0.3
ARU	Arti	70.13	324	eP	S	14 57 56.7
ARU	Arti	70.13	324	eP	S	15 06 52.6 +2.5
	comp-Z,33nm,1.7s					
ARU	Arti	70.13	324	eP	P	14 57 41.6 +0.2
	comp-Z,156nm,0.6s,SNR=7.1					
ARU	Arti	70.13	324	eP	P	14 57 41.8 +0.4
SOKR	Soilkamsk	70.48	327	eP	P	14 57 43.4 +0.1
SOKR	Soilkamsk	70.48	327	eP	Pmax	
	comp-Z,11nm,0.9s					
BBB	Bella Bella	70.63	41	LR	LR	15 23 56.9
	comp-Z,108nm,20.0s,baz=289,slow=32					
AB31	Akbulak array	70.68	316	eP	Pmax	14 57 44.5 -0.4
AB31	Akbulak array	70.68	316	eP	Pmax	
	comp-Z,10.0nm,0.9s					
AKTO	Aktuybinsk	71.64	318	P	P	14 57 50.4 -0.3
	comp-Z,1.9nm,0.7s,baz=77,slow=8.5,SNR=8.3					
GEYT	Alibec	74.72	305	P	P	14 58 09.3 +0.1
	comp-Z,1.6nm,0.5s,baz=144,slow=2.8,SNR=5.7					
PPT	Papeete	74.82	116	LR	LR	15 25 20.8
	comp-Z,184nm,19.2s,baz=310,slow=31					
PP2T	Papeete	74.83	116	eLR	LR	15 21 09.1
	comp-Z,149nm,21.0s					
E03A	Lebam	74.87	46	eP	P	14 58 11.2 +1.3
YKA	Yellowknife Ar	75.02	28	P	P	14 58 10.3 -0.1
	comp-Z,14nm,0.7s,baz=290,slow=5.7,SNR=195					
F03A	Seaside	75.05	46	eP	P	14 58 12.3 +1.4
B05A	Bryant	75.34	44	P	P	14 58 13.1 +0.6
	baz=287					
G03D	McMinnville, O	75.45	47	P	P	14 58 13.4 +0.2
	baz=289					
D05A	Enumclaw	75.72	45	P	P	14 58 16.4 +1.6
KBS	Kingsbay	75.82	352	eP	P	14 58 15.6 +0.9
KBS	Kingsbay	75.82	352	eP	P	14 58 15.6 +0.9
I03D	Drain, OR	75.83	48	P	P	14 58 15.6 +0.2
	baz=287,SNR=5.9					
LOH	Longmire	75.97	45	eP	P	14 58 16.3 +0.1
LOH	Longmire	75.97	45	eP	P	14 58 16.3 +0.1
RES	Resolute Bay	76.10	14	eP	P	14 58 16.6 +0.2
L02D	Cave Junction,	76.10	14	eP	P	14 58 16.6 +0.2
	baz=285,SNR=5.3					
C06D	Leavenworth	76.21	44	P	P	14 58 17.8 +0.3
	baz=288					
WRW	Wenatchee Ridg	76.23	44	P	P	14 58 18.6 +0.8
H04A	Detroit Lake	76.34	47	eP	P	14 58 18.9 +0.5
KHMM	Horse Mountain	76.40	49	eP	P	14 58 19.1 +0.5
HUMO	Hull Mountain	76.43	49	eP	P	14 58 19.8 +0.9
I04A	Tendick Farm,	76.45	48	P	P	14 58 19.1 +0.1
	baz=288,SNR=9.1					
NLW	Nelson Butte	76.51	43	eP	P	14 58 20.2 +0.8
LTY	Liberty	76.58	46	eP	P	14 58 20.0 +0.4
VFP	Flag Point	76.63	46	P	P	14 58 20.9 +0.7
EBG	Ellensburg	76.73	45	P	P	14 58 21.5 +0.9
G05D	Wamic, OR	76.75	46	P	P	14 58 20.9 +0.2
	baz=288					
J04D	Umpqua Nationa	76.83	49	P	P	14 58 21.6 +0.2
	baz=288,SNR=11					
YBH	Yreka Blue Hor	76.88	50	eP	P	14 58 22.5 +1.0
YBH	Yreka Blue Hor	76.88	50	eP	P	14 58 22.5 +1.0
M02C	Callahan	76.88	51	P	P	14 58 21.8 +0.2
	baz=288					
KIPM	Iron Peak	76.91	52	eP	P	14 58 22.6 +0.7
	comp-Z,71nm,1.3s					
I05D	Terrebonne, OR	77.02	47	P	P	14 58 22.4 +0.2
	baz=288					
B08A	Colville Reser	77.06	43	eP	P	14 58 22.8 +0.4
N02D	Trinity Center	77.11	51	P	P	14 58 23.2 +0.4
	baz=288					
G06A	Carlson Farm,	77.21	46	eP	P	14 58 23.8 +0.5
LHEM	Herd Mountain	77.26	49	P	P	14 58 24.2 +0.4
K04D	Chiloquin, OR	77.27	49	P	P	14 58 23.9 +0.1
	baz=288					
DGAR	Diego Garcia	77.28	257	eP	P	14 58 24.6 +0.5
E07A	Sunnyside	77.31	45	eP	P	14 58 24.6 +0.8
WDC	Whiskeytown Da	77.36	51	eP	P	14 58 24.5 +0.4
WDC	Whiskeytown Da	77.36	51	eP	P	14 58 24.5 +0.4
J05D	Fort Rock, OR	77.42	48	P	P	14 58 24.6 -0.1
	baz=289,SNR=5.3					
M04C	Macdoel	77.48	50	P	P	14 58 25.1 +0.2
	baz=288,SNR=19					
TMCR	Tamitsa	77.54	335	eP	Pmax	14 58 25.0 +0.4
	comp-Z,26nm,0.8s					
HAWA	Hanford	77.57	45	iP	P	14 58 25.3 0.0
APA	Apaitiy	77.70	339	iP	Pmax	14 58 25.8 +0.3
APA	Apaitiy	77.70	339	iP	Pmax	
	comp-Z,36nm,1.0s					
APA	Apaitiy	77.70	339	iP	MLR	
	comp-Z,21nm,13.0s					
D08A	Woolman Farm,	77.75	44	P	P	14 58 26.7 +0.5
TBI	Tubuai	77.81	122	eLR	LR	15 22 32.9
	comp-Z,209nm,23.0s					
K05A	Summer Lake	77.84	49	eP	P	14 58 28.0 +0.9
C09A	Chrisman Ranch	77.92	43	eP	P	14 58 27.5 +0.3
O03D	Paynes Creek	77.98	51	P	P	14 58 27.8 +0.1
	baz=289					
KLMR	Klimovskoe	78.31	331	eP	Pmax	14 58 28.0 -1.0
KLMR	Klimovskoe	78.31	331	eP	Pmax	
	comp-Z,40nm,1.7s					
G08A	Pilot Rock	78.31	46	eP	P	14 58 30.1 +0.5
ORV	Oroville	78.44	52	eP	P	14 58 30.2 0.0
ORV	Oroville	78.44	52	eP	P	14 58 30.2 0.0
NEW	Newport	78.49	43	eP	P	14 58 30.7 +0.4
NEW	Newport	78.49	43	eP	P	14 58 30.7 +0.2
	baz=289					
NEW	Newport	78.49	43	eP	P	14 58 30.7 +0.4
OHCN	Honcut	78.52	52	eP	P	14 58 30.6 0.0
MOD	Modoc Plateau	78.53	49	eP	P	14 58 30.8 0.0
EDM	Edmonton	78.93	37	eP	P	14 58 32.9 +0.2
EDM	Edmonton	78.93	37	eP	P	14 58 32.9 +0.2
AFDM	Forest Hills D	79.03	52	eP	P	14 58 34.0 +0.6
ARCES	ARCES Array B	79.13	342	P	P	14 58 32.9 -0.5
	comp-Z,16nm,0.9s,baz=64,slow=11,SNR=17					
F10A	Beach Ranch,	79.22	45	eP	P	14 58 34.7 +0.2
J06A	Circle Bar Ran	79.30	48	eP	P	14 58 35.7 +0.7
WVOR	Wild Horse Val	79.51	48	eP	P	14 58 36.1 0.0
WVOR	Wild Horse Val	79.51	48	eP	P	14 58 36.1 0.0
BMO	Blue Mountains	79.56	46	eP	P	14 58 36.9 +0.5
BMO	Blue Mountains	79.56	46	eP	P	14 58 36.9 +0.5
CMB	Columbia Colle	79.77	53	eP	Pmax	14 58 37.7 +0.2
CMB	Columbia Colle	79.77	53	eP	Pmax	
	comp-Z,301nm,1.1s					
CMB	Columbia Colle	79.77	53	eP	P	14 58 37.7 +0.2
	comp-Z,301nm,1.1s					
BSMT	Bassoo Peak	80.10	42	eP	P	14 58 39.9 +0.5
WALA	Waterton Lakes	80.18	41	eP	P	14 58 40.4 +0.7
	comp-Z,75nm,1.4s					
WAKR	Walker	80.31	52	eP	P	14 58 41.0 +0.3
JTMT	Jetette	80.45	42	eP	P	14 58 41.6 +0.4
SWMT	Swartz Lake	80.72	42	eP	P	14 58 42.6 0.0
DAG	Danmarks Havn	80.79	356	iP	Pmax	14 58 42.2 0.0
DAG	Danmarks Havn	80.79	356	iP	Pmax	
	comp-Z,16nm,1.0s					
DAG	Danmarks Havn	80.79	356	iP	P	14 58 42.2 0.0
	comp-Z,16nm,1.0s					
SMMC	Simmer	81.01	56	P	P	14 58 44.2 -0.1
	baz=291					
MSO	Missoula	81.02	43	P	P	14 58 44.0 -0.2
	baz=293					
MSO	Missoula	81.02	43	eP	P	14 58 43.8 -0.4
MLAC	Mammoth, Mamm	81.06	53	P	P	14 58 44.9 +0.2
	baz=291					
MFID	Camas Ranch	81.08	47	eP	P	14 58 45.1 +0.5
NVAR	Miná Array Bea	81.17	52	eP	P	14 58 45.8 +0.5
	comp-Z,23.0nm,0.7s,baz=272,slow=5.9,SNR=174					
VRH	Novokhopovsk	81.19	322	eP	S	14 58 44.3 -0.5
VRH	Novokhopovsk	81.19	322	eP	S	14 58 58.0 -1.6
VRH	Novokhopovsk	81.19	322	eP	S	
	comp-Z,10.0nm,0.7s					
BMN	Battle Mountai	81.22	50	eP	P	14 58 45.9 +0.5
BMN	Battle Mountai	81.22	50	eP	P	14 58 45.9 +0.5
NV11	Mina Array Sit	81.27	52	eP	P	14 58 45.5 -0.3
PKM	Mpchspon Peak	81.29	56	P	P	14 58 45.5 -0.5
	baz=291,SNR=7.7					
MTUM	Tungsten Hills	81.36	53	eP	P	14 58 46.6 +0.3
TIN	Tinmahia, Big	81.72	53	P	P	14 58 48.6 +0.5

ARVC	Arvin	81.97	55	P	P	14 58 48.9 -0.4
	baz=291					
HLID	Hailey	81.97	46	P	P	14 58 49.7 +0.3
	baz=293					
HLID	Hailey	81.97	46	eP	P	14 58 49.7 +0.3
ISA	Isabella, Lake	82.04	55	eP	P	14 58 49.7 -0.1
ISA	Isabella, Lake	82.04	55	eP	P	14 58 49.4 -0.4
	baz=292					
ISA	Isabella, Lake	82.04	55	eP	P	14 58 49.7 -0.1
LPSR	Galich'ya Gora	82.15	324	eP	S	14 58 49.9 0.0
LPSR	Galich'ya Gora	82.15	324	eP	S	14 59 03.2 -1.5
	comp-Z,10.0nm,1.1s					
BLG	Laguna Peak, P	82.16	56	P	P	14 58 50.5 +0.2
	baz=291					
OSI	Osito Audit: C	82.23	56	P	P	14 58 51.2 +0.4
	baz=292					
OBN	Obninsk	82.26	327	eP	P	

31d 14h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ISCO Idaho Springs, F28A McLaughlin, B30A Myrvik Farm, etc.

2011 JAN

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like H33A Prehn Over Nor, J32A Parkston, N30A Hueftle Ranch, etc.

1610

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like K37A Belmond, M36A Felix, Anita, O35A Humboldt, etc.

Table with columns: CYA, Choya, TCA, Tanti, 151.10 109 eP, PKPbc, 15 06 23.0 +0.3, 15 06 23.9 -0.2

BER 31 14:56:40.2,0.4,71.19N:7.02W, h12km,2km, ML2.6, 1C-2D, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: TWC1, Liyutan, 1.60 341 P, Pb, 14 59 14.0 0.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: RTLS, Cerro Valdivia, 4.02 45 iS, Sn, 15 37 26.4 +7.9

ISCJB 31 15:38:43.3,2.7,21.4S:0.5:178.5W:0.4, h536km, mb3.9/10, Error ellipse: s-maj=79.0km s-min=21.0km az=137.8

IDC 31 15:38:43.5,2.1,21.5S:0.4:178.3W:0.3, h536km, n13, a078/13, mb3.9/10, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

ISCJB 31 15:14:35.0,0.8,26.9N:0.1:143.83E:0.09, h10km, mb3.5/7, Error ellipse: s-maj=16.7km s-min=11.2km az=18.0

IDC 31 15:14:35.2,0.9,26.96N:143.92E, h0km, mb3.5/7, mb1.3/7.8, mb1mx3.5/30, mbtmp3.5/8, ML3.1/1, Error ellipse: s-maj=26.8km s-min=19.5km az=82.0

ISC 31 15:14:36.9,0.9,27.0N:0.1:143.8E:0.1, h10km, n9, a1920/10, mb3.4/7, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 31 15:28:40.4,1.9,2.17N:127.67E, h0km, mb3.7/4, mb1.3/9.4, mb1mx3.5/39, mbtmp3.8/4, Error ellipse: s-maj=165.5km s-min=21.7km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

BER 31 15:49:55.9,0.6,71.18N:7.30W, h10km, ML3.5, 2D, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

NEIC 31 15:53:19.8, 58.18N:139.40W, h1km, ML2.6(OTT), After OTT

PGC 31 15:53:19.8, 1.7, 58.18N:139.40W, h1km, ML2.6/3, 124km South of Yakutat, AK Off Coast of Southeastern Alaska, Off coast of southeastern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 31 16:00:22.9, 1.2, 5.9S: 151.69E, h0km, mb3.7/7, mb1.3/9.8, mb1mx3.7/31, mbtmp3.6/8, ML1.5/1, MS2.5/2, Ms1.2/5.2, ms1mx2.4/34, Error ellipse: s-maj=65.6km s-min=19.8km az=132.0

ISCJB 31 16:00:27.6, 1.0, 5.9S:0.3:151.5E:0.3, h41km, mb3.5/7, Error ellipse: s-maj=58.4km s-min=13.9km az=43.1

ISC 31 16:00:29.0, 1.2, 6.0S:0.3:151.5E:0.3, h41km, n10, a1940/10, mb3.6/7, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AMT Artemida-Makis, DRO Drossia, AXS Araxos, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NVLI, MLR Muntele Rosu, BRTR Keskin Array B, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, etc.

IASPEI 31 17:46:28.6±0.9, 32°67'N, 0°03:115°85'W, 0.02, h17km, 6km, Error ellipse: s-maj=4.2km s-min=2.8km az=170.1, 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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YUH Yuha Desert, WESC Westside Schoo, ERPC Ernie Place, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COOK Cook Ranch, SWSC Sam W. Stewart, SWSC Sam W. Stewart, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DREC Desert Rsrch C, CPBX Cerro Prieto, MONP2 Monument Peak, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CLIC Calipatria, COA Comandancia, BAR Barrett, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBX Cerro Bola, SDRC San Diego Road, GLA Glamis, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSC Goldstone, EDW2 Edwards Air Fo, OSI Isotile Audit, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEIC 31 17:53:57.6±58.10N, 139°37'W, h10km, ML3.2(AEIC), etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DHAK Deception Hill, YK2 Yakutat, PNL Peninsula, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISLE Juniper Island, BARN Barnard Glacie, KAG Kagna River, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BALM Baldy, WHY Whitehorse, WHY Whitehorse, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ROC1 El Roble, ROC1 El Roble, PEL Peldehue, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RCDM Rinconada Maip, TACH Talagante, TACH Santiago, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANTU Antumapu, ANTU Antumapu, LNV Longovio, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RTVC Cerro Valdivia, RTLS Cerro Villucun, AMOG MOGNA, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG Port Moresby, PMG Port Moresby, CTA Charters Tower, etc.

MOS 31 18:29:17.7, 1.0, 3.07S, 101.58E, h33km, mb4.8/28, Error ellipse: s-maj=14.5km, s-min=6.9km, az=106.1
BUJ 31 18:29:18.7, 3.70S, 101.68E, h80km, mb4.8/27, mB5.2/17, Ms4.9/6, Ms7.4/7.7
DJA 31 18:29:20.6, 0.6, 3.3, 3.10E, h27km, mb4.7/19, mB4.8/15, mB5.2/6, MLV4.8/19, Mw(mB)4.5/6
ISCJB 31 18:29:20.6, 0.5, 3.43S, 0.04, 101.59E, 0.04, h73km, 3km, mb4.6/64, Error ellipse: s-maj=8.9km s-min=3.7km az=44.0
NEIC 31 18:29:21.0, 0.9, 3.45S, 101.63E, h63km, 7km, mb4.8/13, Error ellipse: s-maj=13.5km s-min=5.5km az=47.0
ISC 31 18:29:21.0, 0.9, 3.51S, 0.06, 101.55E, 0.05, h65km, 7km, m164, r110/173, mb4.7/64, 15C-4D, Southern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from MAS1 to STKA.

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from KSAR to KLMR.

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from KLMR to TXAR.

PGC 31 18:44:54.6, 1.0, 59.99N, 140.96W, h5km, ML2.8/9, 113km Wnw of Yakutat, Ak Southeastern Alaska
NEIC 31 18:44:55.4, 0.09N, 140.74W, h14km, ML2.8(OTM), ML2.9(AEIC), After ATEC
ISC 31 18:44:55.1, 1.0, 60.04N, 0.04, 140.84W, 0.02, h9km, 6km, m51, r0574/71, mb4.7/64, 15C-4D, Southern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from SAMH to DMW.

IDC 31 18:47:36.0, 2.7, 5.11N, 93.94E, h0km, mb3.7/4, mb1.3/9.5, mb1mx3.5/3.1, mbtmp3.6/5.3, ML3.9/1.0, Error ellipse: s-maj=106.5km s-min=24.3km az=61.0, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic events from CMAR to WSAR.

ISCJBJ 31 20:14:58.0, 6.42, 32N, 0.04, 71.55E, 0.04, h0km, Error ellipse: s-maj=5.7km s-min=4.6km az=10.5

NMC 31 20:14:58.3, 2.8, 42.40N, 71.58E, h0km, mb2.5, mpv2.2, Error ellipse: s-maj=35.3km s-min=5.1km az=15.0, Suspected Mining explosion.

SOME 31 20:14:58.0, 42.28N, 71.57E

KRNET 31 20:14:58.3, 0.1, 42.24N, 71.69E, h7km, mb1.9

ISC 31 20:14:57.5, 0.0, 42.29N, 0.04, 71.57E, 0.03, h0km, n14, c075/26, 15C-12D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

BUI 31 20:17:43.9, 3.36N, 123.05E, h581km, mb4.8/49, mB4.8/29

ISCJBJ 31 20:17:50.7, 0.2, 3.99N, 0.03, 122.71E, 0.05, h604km, mb4.4/67, Error ellipse: s-maj=6.9km s-min=4.0km az=156.4

MOS 31 20:17:50.5, 0.8, 4.04N, 122.64E, h600km, mb4.8/27, Error ellipse: s-maj=15.4km s-min=6.5km az=110.2

IDC 31 20:17:51.8, 0.8, 3.97N, 122.66E, h590km, mb3.7/36, mb1.7/38, mb1mx3.7/46, mbtmp4.7/38, Error ellipse: s-maj=12.0km s-min=5.4km az=72.0

DJA 31 20:17:54.6, 0.7, 4.18N, 122.3E, h514km, mb4.8/10, mb4.7/10, mB5.0/6, MLV5.1/2, Mw(mB)4.3/6

ISC 31 20:17:52.3, 0.3, 4.02N, 0.05, 122.72E, 0.07, h604km, n132, c110/150, mb4.5/67, 8C-7D, Celebes Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

Main table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their coordinates.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

IDC 31 20:27:09.3, 526.0, 31.76N, 132.59E, h0km, Error ellipse: s-maj=232.9km s-min=136.3km az=29.0, Southeast of Shikoku

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

IDC 31 20:32:42.0, 1.3, 26.78N, 143.89E, h0km, mb3.5/7, mb1.3/7.7, mb1mx3.4/56, mbtmp3.5/7, Error ellipse: s-maj=40.3km s-min=23.1km az=84.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

IDC 31 20:36:46.7, 2.7, 58.12N, 156.21W, h118km, mb2.8/4, mb1.3/2.5, mb1mx2.9/64, mbtmp3.3/5, Error ellipse: s-maj=47.0, 0.5, 57.88N, 0.04, 156.09W, 0.08, h139km, mb3.1/3, Error ellipse: s-maj=8.2km s-min=6.1km az=44.9

NEIC 31 20:36:48.4, 57.90N, 156.16W, h136km, MG2.9(AEIC), After AEIC

ISC 31 20:36:48.0, 9.5790N, 0.05, 156.11W, 0.06, h136km, 6km, n45, c079/50, mb3.2/3, Alaska Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates.

31d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cape Douglas, Old Harbor, Sitkinak Isian, Kodiak Island, etc.

NIED 31 20:53:00, 24.20N, 121.80E, h8km, Mv4.7 Best double couple: Mo=1.24000, 1016 NP1=268.00000, 820.00000, 1.130.00000, NP2=46.00000, 875.00000, 1.770.00000.

ICD 31 20:53:12.2, 0.6, 24.27N, 122.02E, h0km, mb4.1/18, mb1 4.3/18, mb1mx4.1/41, mbmp4.1/18, MS3.9/16, Ms1 3.9/16, ms1mx3.7/33, Error ellipse: s-maj=23.3km s-min=14.8km az=64.0.

BUI 31 20:53:13.7, 24.16N, 121.90E, h9km, mb4.1/35, mbB4.6/25, ML4.3/9, Ms4.5/24, Ms7.4/32.

MOS 31 20:53:14.9, 1.1, 24.25N, 122.09E, h33km, mb4.8/20, Error ellipse: s-maj=14.1km s-min=7.1km az=118.4.

NEIC 31 20:53:14.2, 0.7, 24.15N, 121.90E, h12km, mb4.5/14, ML4.6(TAP), Error ellipse: s-maj=6.8km s-min=5.9km az=96.0.

NEIC Recorded [4 TAP] in Hualien and [3 TAP] in Nantou and Yilan.

JMA 31 20:53:15.3, 0.1, 24.17N, 121.75E, h22km, ML4.6 TAP 31 20:53:15.8, 24.21N, 121.79E, h16km, ML4.9, B.

ISCJTB 31 20:53:16.1, 0.2, 24.24N, 121.85E, h27km, mb4.4/44, MS4.0/15, Error ellipse: s-maj=2.9km s-min=2.1km az=37.4.

ISC 31 20:53:14.9, 0.8, 24.19N, 121.87E, h16km, 5km, n214, r1515/248, mb4.4/44, MS4.0/15, 26C-25D, Taiwan.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations from Heping Village to TQW1.

2011 JAN

Main station list table for 2011 JAN with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations from HSN to JOW.

1618

Main station list table for 1618 with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations from SSE to PYUN.

KORU	Korolevo	3.29 125	ePn	Pn	22 39 33.1	-1.8	
KORU			eS	S	22 40 15.5	+0.9	
BRG	Berggiesshubel	3.39 285	PN	Pn	22 39 46.2	-1.0	
BRG			PG	Pg	22 39 50.7	+7.6	
BRG			SG	Sg	22 40 32.0	+1.0	
29nm,0.5s							
BRG	Berggiesshubel	3.39 285	eSg	Sg	22 40 31.4	+0.4	
BRG	Berggiesshubel	3.39 285	eS	S	22 40 31.4	+0.4	
KHC	Kasperske Hory	3.73 257	ePn	Pn	22 39 41.9	+0.8	
KHC			eS	S	22 39 42.3	+1.2	
KHC			eS	S	22 39 43.6	+1.9	
KHC			eP	P	22 39 53.3	-0.4	
KHC			eS	S	22 40 26.8	+1.0	
KHC			eSg	Sg	22 40 41.9	-0.2	
comp=Z,27nm,0.4s							
KHC	Kasperske Hory	3.73 257	Pn	Pn	22 39 41.9	+0.8	
KHC	Kasperske Hory	3.73 257	Pg	Pg	22 39 53.3	-0.4	
KHC			S	S	22 40 26.8	+1.0	
KHC			Sg	Sg	22 40 41.9	-0.2	
27nm,0.4s							
GECC	GERESS Array S	3.75 252	ePn	Pn	22 39 42.9	+1.5	
GECC	GERESS Array S	3.75 252	Pn	Pn	22 39 42.9	+1.5	
GERES	GERESS Array B	3.75 252	Pn	Pn	22 39 42.4	+0.9	
0.3nm,0.3s,baz=68,slow=14,SNR=6.0							
GERES			Pg	Pg	22 39 51.4	+2.1	
1.4nm,0.3s,baz=68,slow=16,SNR=8.2							
GERES			Lg	Lg	22 40 43.7		
5.3nm,0.3s,baz=63,slow=24,SNR=15							
STNU	Starunia	3.79 110	ePn	Pn	22 39 40.5	-1.3	
STNU			eS	S	22 40 28.5	+1.5	
MOA	Mollin	3.92 236	ePn	Pn	22 39 43.7	+0.1	
MOA			eSg	Sg	22 40 42.9	+2.9	
25nm,0.8s							
MOA	Mollin	3.92 236	Pn	Pn	22 39 43.7	+0.1	
PKSM	Moragy	3.92 185	ePn	Pn	22 39 43.9	+0.3	
PKSM	Moragy	3.92 185	S	S	22 40 28.6	-1.6	
PKSM	Moragy	3.92 185	ePn	Pn	22 39 43.9	+0.3	
RAKU	Rahkiv	3.92 120	ePn	Pn	22 39 42.5	-1.2	
RAKU			eS	S	22 39 50.3		
RAKU			eS	S	22 40 30.1	-0.3	
RAKU			eS	S	22 40 33.9		
NSLU	Nyzhne Selyshc	4.00 117	ePn	Pn	22 39 35.4	-9.3	
NSLU			eS	S	22 40 20.0	-1.2	
CLL	Collim	4.07 289	eSg	Sg	22 40 53.7	+1.0	
CLL	Collim	4.07 289	eP	P	22 40 01.0	+0.9	
CLL			eSg	Sg	22 40 54.0	+1.3	
comp=Z,32nm,0.8s							
CLL	Collim	4.07 289	Sg	Sg	22 40 53.7	+1.0	
DRGR		4.10 143	ePn	Pn	22 39 47.4	+1.3	
DRGR		4.10 143	S	S	22 40 33.0	-1.8	
DRGR		4.10 143	ePn	Pn	22 39 47.4	+1.3	
DRGR		4.10 143	S	S	22 40 33.0	-1.8	
Wetzell							
WET	Wetzell	4.17 259	Pn	Pn	22 39 47.7	+0.6	
SIRR	Siria	4.21 155	ePn	Pn	22 39 48.3	+0.7	
SIRR	Siria	4.21 155	S	S	22 40 34.6	-2.9	
SIRR	Siria	4.21 155	ePn	Pn	22 39 48.3	+0.7	
SIRR	Siria	4.21 155	S	S	22 40 34.6	-2.9	
NKC	Novy Kostel	4.29 274	ePn	Pn	22 39 50.6	+1.9	
NKC			eP	P	22 40 02.9	-1.4	
NKC			eSg	Sg	22 40 58.9	-1.0	
comp=Z,23nm,0.5s							
NKC	Novy Kostel	4.29 274	Pn	Pn	22 39 50.6	+1.9	
NKC	Novy Kostel	4.29 274	Pg	Pg	22 40 02.9	-1.4	
NKC			Sg	Sg	22 40 58.9	-1.0	
comp=Z,23nm,0.5s							
KSV	Kosov	4.30 113	ePn	Pn	22 39 48.7	-0.1	
KSV			ePn	Pn	22 40 12.7	+0.6	
KSV			eS	S	22 40 50.3	+0.9	
KSV			eS	S	22 40 50.3		
ROTZ	Rotzenmuhle	4.48 268	ePn	Pn	22 39 52.6	+1.3	
ROTZ	Rotzenmuhle	4.48 268	Pn	Pn	22 39 52.6	+1.3	
CJR	Ciuj-Napoca	4.53 137	ePn	Pn	22 39 54.4	+2.4	
CJR	Ciuj-Napoca	4.53 137	Pn	Pn	22 39 54.4	+2.4	
BURAR	Bucovina Array	4.74 120	ePn	Pn	22 39 55.3	+0.3	
BURAR	Bucovina Array	4.74 120	Pn	Pn	22 39 55.3	+0.3	
BZS	Buzias	4.80 159	ePn	Pn	22 39 56.6	+0.8	
BZS	Buzias	4.80 159	ePn	Pn	22 39 56.6	+0.8	
MOX	Moxa	4.83 279	ePn	Pn	22 39 57.6	+1.5	
MOX	Moxa	4.83 279	Pn	Pn	22 39 57.6	+1.5	
HORU	Horodok	4.83 98	ePn	Pn	22 39 54.7	-1.5	
HORU			eS	S	22 40 53.5	+0.7	
BANR	Banloc	4.93 163	ePn	Pn	22 39 57.3	-0.1	
BANR	Banloc	4.93 163	ePn	Pn	22 39 57.3	-0.1	
FGSL	Fruska Gora	4.98 174	ePn	Pn	22 39 59.2	+1.0	
KMPD	K-Podol'sky	5.05 105	ePn	Pn	22 39 58.0	-1.1	
KMPD			eS	S	22 40 57.8	-0.2	
GZR	Gura Zlata	5.33 151	ePn	Pn	22 40 04.1	+1.1	
GZR	Gura Zlata	5.33 151	ePn	Pn	22 40 04.1	+1.1	
TEKS	Tekers	5.58 107	ePn	Pn	22 40 06.1	-0.3	
NDNU	Novodnistrovsk	5.60 133	ePn	Pn	22 40 06.5	-0.2	
NDNU			eS	S	22 40 10.9	-0.8	
NDNU			eS	S	22 41 31.5		
MDVR	Moldovita	5.62 161	ePn	Pn	22 40 07.6	+0.6	
MDVR	Moldovita	5.62 161	ePn	Pn	22 40 07.6	+0.6	
KUBS	Kucevo	6.58 173	ePn	Pn	22 40 07.6	+0.6	
DIVS	Divibare	6.05 174	ePn	Pn	22 40 13.5	+0.6	
BBLs	Lazići	6.25 178	ePn	Pn	22 40 16.5	+0.7	
GRUS	Gruza	6.32 169	ePn	Pn	22 40 17.3	+0.7	
AKASG	Malin Array Be	6.49 81	Pn	Pn	22 40 13.7	-5.2	
comp=Z,0.6nm,0.3s,baz=262,slow=13,SNR=2.7							
AKASG			Pg	Pg	22 40 31.7	-4.2	
comp=Z,0.7nm,0.3s,baz=265,slow=12,SNR=2.6							
AKASG			Lg	Lg	22 42 04.3		
comp=Z,1.5nm,0.3s,baz=261,slow=24,SNR=4.4							
IVAS	Ivanjica	6.58 173	ePn	Pn	22 40 21.5	+1.3	
NACGM	Naroch	6.70 41	e	Sg	22 42 22.0	+4.8	
SJES	Sjenica	6.88 175	ePn	Pn	22 40 25.7	+1.3	
DAVOX	Davos/Dischmat	6.99 245	Pn	Pn	22 40 24.7	-1.3	
comp=Z,0.5nm,0.3s,baz=360,slow=4.7,SNR=9.2							
DAVOX			Lg	Lg	22 42 30.8		
baz=162,slow=20							
HFS	Hagfors	10.51 345	Pn	Pn	22 41 14.4	+0.5	
comp=Z,0.2nm,0.3s,baz=155,slow=7.9,SNR=8.0							
HFS			S	S	22 43 07.8	-4.4	
comp=Z,0.3nm,0.3s,baz=170,slow=20,SNR=5.1							
NOA	NORSAR Array B	11.81 341	Pn	Pn	22 41 29.0	-2.9	
comp=Z,0.2nm,0.3s,baz=159,slow=13,SNR=4.2							
FINES	FINESS Array B	12.00 16	Pn	Pn	22 41 31.7	-2.6	
comp=Z,0.3nm,0.3s,baz=197,slow=13,SNR=16							
FINES			S	S	22 43 39.7	-9.1	
comp=Z,0.2nm,0.3s,baz=201,slow=22,SNR=3.8							
ARCES	ARCCESS Array B	19.72 7	Pn	Pn	22 43 12.8	-0.2	
comp=Z,1.9nm,0.8s,baz=154,slow=13,SNR=6.8							
MKAR	Makanchi Array	40.92 69	P	P	22 46 27.0	+0.9	
comp=Z,0.1nm,0.4s,baz=302,slow=7.0,SNR=5.6							
YKA	Yellowknife Ar	61.89 338	P	P	22 49 04.2	+1.3	
comp=Z,0.1nm,0.4s,baz=268,slow=7.2,SNR=3.7							

OKC	Ostrava-Krasne	0.88 238	Pg	Pg	22 41 29.8	-0.4	
OKC			Sg	Sg	22 41 40.6	-1.0	
22nm,0.3s							
LANS	Liptovska Anna	1.17 174	eP	Pn	22 41 39.0	+2.0	
LANS			eS	S	22 41 39.0	+2.0	
LANS	Liptovska Anna	1.17 174	eP	Pn	22 41 39.0	+2.0	
LANS			eS	S	22 41 51.7	-0.4	
MORC	Moravsky Berou	1.25 245	eP	Pn	22 41 42.1	+3.9	
MORC			eS	S	22 41 53.1	-0.5	
MORC	Moravsky Berou	1.25 245	eP	Pn	22 41 40.9	+2.7	
MORC			eS	S	22 41 53.2	-0.4	
STHS	Stebnicka Huta	1.54 125	eP	Pn	22 41 51.7	+8.7	
STHS			eSg	Sg	22 42 13.4	+1.0	
KRLC	Kraliky	1.63 263	eSg	Sg	22 42 04.6	-0.6	
KRLC	Kraliky	1.63 263	eS	S	22 42 04.6	-0.6	
DPC	Dobruska-Polom	1.91 272	eP	Pn	22 41 48.0	+0.8	
DPC			eS	S	22 42 13.2	-0.3	
15nm,0.3s							
DPC	Dobruska-Polom	1.91 272	Pg	Pn	22 41 48.0	+0.8	
DPC			Sg	S	22 42 13.2	-0.3	
15nm,0.3s							
KSP	Ksiaz	1.99 287	eP	Pg	22 41 57.0	+5.5	
KSP			eSg	Sg	22 42 18.1	+0.8	
VRAC	Vranov	2.02 241	eP	Pn	22 41 53.2	+1.1	
VRAC	Vranov	2.02 241	eSg	Sg	22 42 16.5	-0.1	
UPC	Uvice	2.02 241	eSg	Sg	22 42 15.8	+1.0	
UPC		2.11 277	eSg	Sg	22 42 21.8	+0.6	
8nm,0.3s							
UPC	Uvice	2.11 277	Sg	Sg	22 42 21.8	+0.6	
7.8nm,0.3s							
PSZ	Piszkesteto	2.42 170	eP	Pn	22 41 57.3	-0.6	
PSZ		2.42 170	S	S	22 42 24.3	-0.5	
GOPC	GO Pecny, Ondr	2.93 264	eSg	Sg	22 42 46.8	-0.7	
4.1nm,0.2s							
GOPC	GO Pecny, Ondr	2.93 264	Sg	Sg	22 42 46.8	-0.7	
5.1nm,0.2s							
PVCC	Panska Ves	3.03 276	eSg	Sg	22 42 50.9	+0.1	
11nm,0.3s							
PVCC	Panska Ves	3.03 276	Sg	Sg	22 42 50.9	+0.1	
11nm,0.3s							
PRU	Pruhonice	3.08 266	eSg	Sg	22 42 51.6	-0.6	
PRU	Pruhonice	3.08 266	eS	S	22 42 51.6	-0.6	
KHC	Kasperske Hory	3.89 255	eSg	Sg	22 43 17.0	-1.5	
KHC	Kasperske Hory	3.89 255	Sg	Sg	22 43 17.0	-1.5	
KLK	Colim	4.12 286	eSg	Sg	22 43 34.0	+8.4	
DRGR		4.19 146	eP	Pn	22 42 25.5	-2.5	
DRGR			S	S	22 43 33.6	-0.9	
NKC	Novy Kostel	4.39 272	eSg	Sg	22 43 33.6	-0.9	
NKC	Novy Kostel	4.39 272	Sg	Sg	22 43 33.6	-0.9	

NIED 31 22:44:00,24:20N,122:20E,h5km,Mw4.0 Best double couple: Mo1.30000x1015 NP1.9x258.00000, z26.00000, l-73.00000, -Np2.6x60.00000, s65.00000, l-98.00000, IDC 31 22:44:21.6,0.8,24:28N,122:18E,h0km,m3.9/1.5,4.3,4, Mb1 4.0/1.4,mb1mx3.7/6.4,mbtmp3.9/1.4,ML4.0/1,MS2.7/2, Ms1 2.9/2,ms1mx2.5/3.9,Error ellipse: s-maj=24.3km s-min=17.5km az=60.0 ISCJB 31 22:44:28.5,0.2,24:30N,102:122:31E,0.1,h65km,2km, mb4.0/2.1,Error ellipse: s-maj=3.1km s-min=1.9km az=163.1 JMA 31 22:44:28.2,0.1,24:17N,122:25E,h52km,2km,ML4.2, NEIC 31 22:44:29.0,0.5,24:23N,122:29E,h63km,4km,mb4.3/7, Error ellipse: s-maj=8.2km s-min=7.7km az=110.0 TAP 31 22:44:28.3,0.6,24:24N,103:122:30E,0.02,h52km,6km, ISC 31 22:44:28.3,0.6,24:24N,103:122:30E,0.02,h52km,6km, m129,11959/187,mb4.0/2.1,2C-4D,Taiwan region

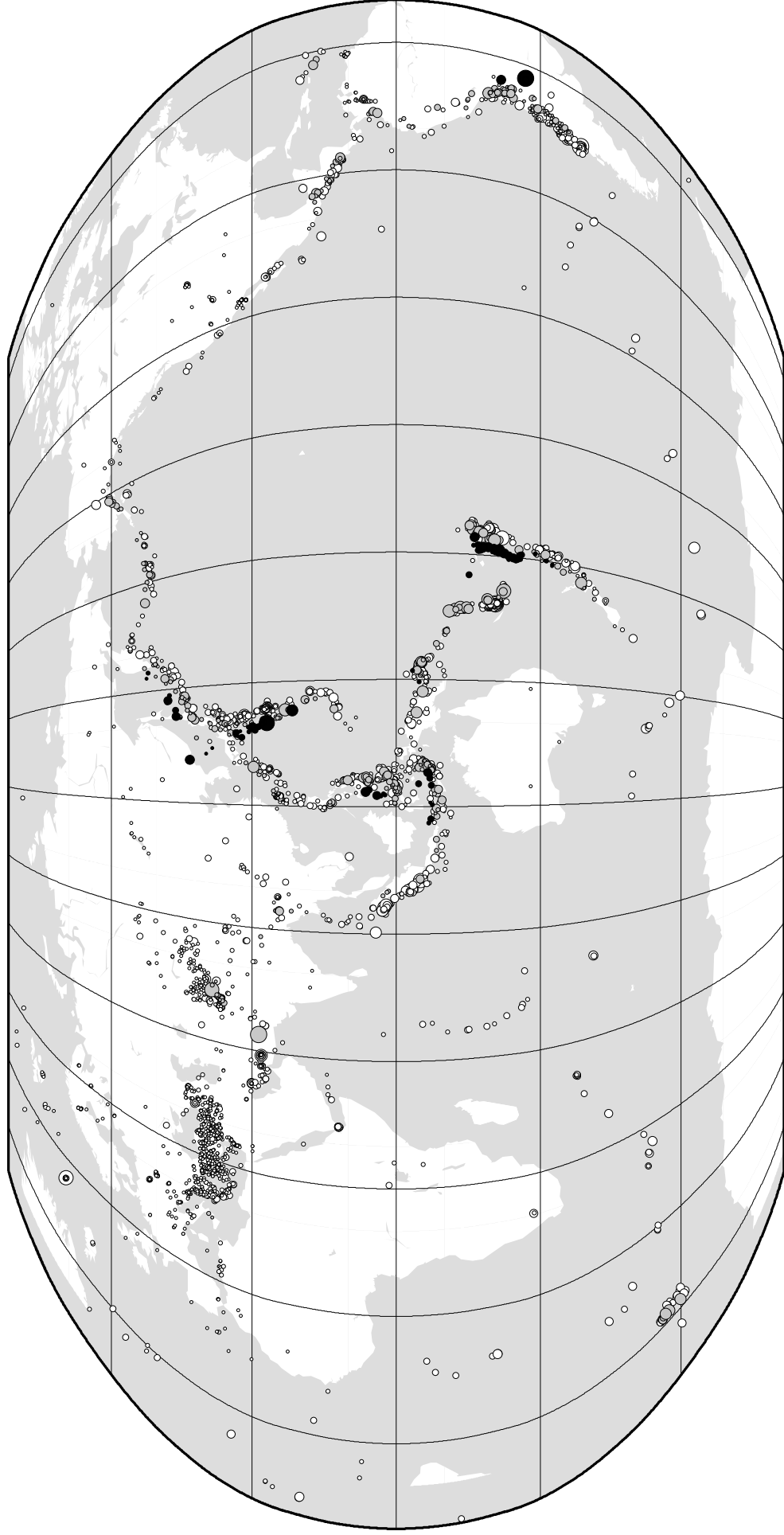
Code	Station Name	Δ° AZ°	Phase	IDC	Time	Res	ISC
					h m s	ISC	
EHP	Heping Village	5.5° 277°	Op	ISC	22 44 41.4	+1.5	
EHP			eS	S	22 44 50.5	+2.1	
ENA	Nanau	0.55 290	eP	Pn	22 44 40.8	+0.6	
ENA			S	S	22 44 49.0	+0.2	
TWC	Suao	0.55 311	eP	Pn	22 44 47.0	+0.4	
TWC			iS	S	22 44 48.5	-0.4	
JYNG	Yonagunijimaku	0.62 70	P	Pn	22 44 42.2	+1.1	
JYNG			S	S	22 44 51.7	+1.3	
NACB	Ninganchiao	0.65 264	ePn	Pn	22 44 41.8	+0.2	
NACB			eS	S			

comp=Z,1.1nm,1.3s,baz=224,slow=5.5,SNR=6.9						
ES19	SONSECA Array	87.00	44	eP	P	00 08 01.7 +0.4
YKA	Yellowknife Ar	93.65	340	P	P	00 08 32.0 +0.4
comp=Z,0.9nm,0.6s,baz=134,slow=4.5,SNR=29						
YKB5	Yellowknife Ar	93.65	340	eP	P	00 08 32.0 +0.4
AS31	Alice Springs	128.19	206	ePKPdf	PKPdf	00 14 22.4 +0.1
ASAR	Alice Springs	128.19	206	PKP	PKPdf	00 14 22.4 +0.1
comp=Z,3.0nm,0.7s,baz=140,slow=2.0,SNR=21						
WR1	Warramunga Arr	131.31	208	ePKPdf	PKPdf	00 14 28.8 +0.6
WRA	Warramunga Arr	131.31	208	PKP	PKPdf	00 14 28.8 +0.6
comp=Z,2.0nm,0.4s,baz=152,slow=1.7,SNR=28						
FITZ	Fitzroy Crossi	136.22	199	PKP	PKPdf	00 14 38.0 +0.6
comp=Z,2.8nm,0.9s,baz=212,slow=9.6,SNR=4.3						
BVAR	Borovoye Array	137.24	36	PKP	PKPdf	00 14 38.2 0.0
comp=Z,0.5nm,0.9s,baz=305,slow=5.1,SNR=2.9						
KBL	Kabul	141.31	64	ePKPdf	PKPdf	00 14 46.6 +0.1
KURK	Kurchatov	142.81	35	ePKPdf	PKPdf	00 14 46.5 -1.8
KURBB	Kurchatov Arra	142.81	35	PKP	PKPdf	00 14 46.5 -1.8
comp=Z,0.2nm,0.5s,baz=302,slow=3.0,SNR=3.1						
ZAA1	Zalesovo Array	143.70	27	ePKPpre	PKPbc	00 14 47.2 -0.4
ZALV	Zalesovo Beam	143.70	27	PKP	PKPab	00 14 47.2 +0.4
comp=Z,1.6nm,0.5s,baz=298,slow=3.2,SNR=9.0						
AAK	Ala-Archa	143.87	50	PKP	PKPdf	00 14 51.5 +0.8
comp=Z,1.8nm,0.7s,baz=249,slow=5.4,SNR=4.5						
MK31	Makanchi Array	147.01	39	ePKPdf	PKPdf	00 14 56.8 +1.0
MK32	Makanchi Array	147.01	39	ePKPdf	PKPdf	00 14 56.9 +1.1
MKAR	Makanchi Array	147.01	39	PKPbc	PKPdf	00 14 56.8 +1.1
comp=Z,2.3nm,0.8s,baz=295,slow=4.1,SNR=12						
MK01	Makanchi Array	147.03	39	ePKPdf	PKPdf	00 14 50.9 -4.9
SHJ	Sorong	149.09	220	PKPbc	PKPbc	00 15 05.3 +0.9
comp=Z,1.6nm,0.7s,baz=349,slow=6.9,SNR=6.9						
SONA0	Songino Array	155.65	9	ePKPdf	PKPdf	00 15 18.6 +1.0
SONM	Songino Array	155.65	9	PKPbc	PKPdf	00 15 18.6 +1.0
comp=Z,0.2nm,0.5s,baz=270,slow=2.5,SNR=4.1						

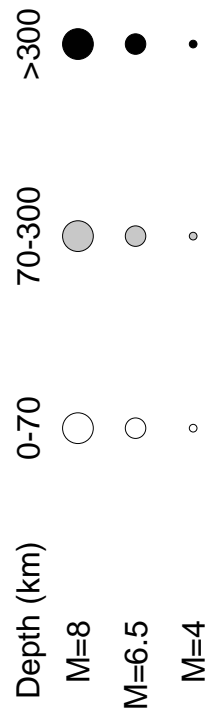
MAN 31 23:56:07,18:03N,120:49E,h15km,mb4.0,ML2.7,MS2.4,1C-1D,Luzon

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
SIPP	Brgy, Tapao	0.11	194	Op	Pb	23 56 11.8	+0.9
PIP	Pasuquin	0.32	23	Op	Pn	23 56 16.2	-0.9
PIP				eS	Sn	23 56 24.1	+0.6
ABRA	Dolores	0.44	151	eP	Pg	23 56 15.9	+0.2
ABRA				eS	Sn	23 56 24.7	-1.7
APYP	Conner	0.74	103	eP	Pg	23 56 21.2	-0.2
APYP				eS	Sn	23 56 34.9	+1.0
SGCP	Mt. Cagua	1.50	82	eP	Pn	23 56 33.8	+0.5
CAUP	Cauayan	1.67	130	eP	Pb	23 56 37.4	-0.1

ISC Computed Locations for January 2011



Robinson Projection, centred on 0°N, 130°E



3874 Events