

## ACKNOWLEDGEMENTS

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

### MEMBERS

The National Science Foundation of the United States. (Grant No. EAR-0548649).  
 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.  
 California Institute of Technology, U.S.A.  
 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.

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

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## Addendum I

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

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

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

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

The following example illustrates the changes :-

## September 2002

NEIC 01 18:45:41.7±1.7, 2170S, 17955W, 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, 2176S, 17970W, h627km, 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, 223S-02, 1796W-03, h613km, 42km, n22, s1515/21, mb4.4/9, 1C, South of Fiji Islands

Code	Station Name	$\Delta^\circ$	AZ $^\circ$	Phase ID	Time	Res
					h m s	ISC
HBZ	Hicks Bay	15.41	186	eP	18 48 53.1	-1.7
URZ	Urewera	16.21	189	P	18 49 01.5	-0.9
MRZ	Mangatainoka R	18.81	192	eP	18 49 26.7	0.0
DIW	D'Urville Isla	19.30	195	eP	18 49 27.3	-3.9
CAW	Cannon Point	19.34	192	eP	18 49 31.7	+0.1
OTW	Orongorongo Tu	19.52	192	eP	18 49 33.0	-0.2
MCW	Moikau	19.61	192	eP	18 49 35.5	+1.5
THZ	Tophouse	20.46	196	eP	18 49 42.0	+0.2
KHZ	Kahutara	20.93	194	P	18 49 46.2	+0.2
ARMA	Armidale	27.03	246	eP	18 50 42.4	+2.3
CTA	Charters Tower	31.93	267	$\hat{I}/P$	18 51 22.3	+0.4
STKA	Stephens Creek	35.75	246	eP	18 51 55.3	+1.8
ASAR	Alice Springs	42.74	259	P	18 52 50.1	+0.3
ASAR		9.8nm, 0.5s, mb4.6, baz=92, slow=8.2, SNR=47	S	18 58 31.3	-0.1	
ASPA	Alice Springs	42.74	259	eP	18 52 50.1	+0.2
WRA	Warramunga Arr	42.96	264	P	18 52 51.0	-0.7
WRA		1.8nm, 0.3s, mb4.0, baz=96, slow=7.8, SNR=93	S	18 58 33.0	-1.5	
KAKA	Kakadu	46.64	273	eP	18 53 18.2	-1.8
FITZ	Fitzroy Crossi	51.39	264	eP	18 53 54.3	-0.7
MBWA	Marble Bar	56.08	259	eP	18 54 27.1	-0.7
CMAR	Chiang Mai Arr	89.35	290	P	18 57 38.1	+1.0
ARCES	ARCESS Array B	130.36	349	PKP	19 03 43.7	-0.5
FINES	FINESS Array B	137.02	342	PKP	19 03 57.3	+0.5
MLR	Muntele Rosu	148.85	324	PKPbc	19 04 22.7	+5.2

## 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.

**BUJ 01 00:15:18.6, 6.81S; 155.53E, h11km, mb6.0, mb5.4, Ms5.6, Msz5.3**  
**IDC 01 00:15:19.4, 0.3, 7.11S; 155.17E, h0km, mb5.2/24, mb1 5.3/26, mb1mx5.3/27, mbtmp5.2/26, ML4.4/2, MS5.3/20, Ms1 5.3/20, ms1mx5.2/24, Error ellipse: s-maj=14.4km s-min=11.1km az=99.0**  
**NEIC 01 00:15:20.8, 0.1, 7.12S; 155.13E, h9km, mb5.7/47, ME5.7, MS5.6/172, MW5.6, Error ellipse: s-maj=5.3km s-min=4.2km az=119.0** *Broadband fault plane solution: P waves. NP1:  $\phi_0=45.00000^\circ$ ,  $\delta_70.00000^\circ$ ,  $\lambda=125.00000^\circ$ . NP2:  $\phi_0=289.00000^\circ$ ,  $\delta_40.00000^\circ$ ,  $\lambda=32.00000^\circ$ . Principal axes: T:  $P1g18.0000^\circ$ ; Azm:  $160.000^\circ$ ; N:  $P1g0.000^\circ$ ; Azm:  $0.000^\circ$ ; P:  $P1g52.000^\circ$ ; Azm:  $274.000^\circ$ ; Moment Tensor Solution. s23 Moment tensor: Scale  $10^{17}$  Nm;  $M_{11}=2.69$ ;  $M_{22}=0.12$ ;  $M_{33}=2.58$ ;  $M_{12}=0.80$ ;  $M_{13}=1.19$ ;  $M_{23}=1.77$ ; Best double couple:  $M_{33}=5.00000 \times 10^{17}$ ;  $M_{11}=3.50000 \times 10^{17}$ ;  $M_{12}=0.00000^\circ$ ;  $\delta_28.00000^\circ$ ;  $\lambda=93.00000^\circ$ . NP2:  $\phi_0=24.00000^\circ$ ,  $\delta_62.00000^\circ$ ,  $\lambda=89.00000^\circ$ . Principal axes: T:  $3.65000$ , Azm:  $203.00000^\circ$ ; Azm:  $112.00000^\circ$ ; N:  $-0.36000$ , P1g1:  $0.000^\circ$ ; Azm:  $203.00000^\circ$ ; P:  $-3.29000$ , P1g73:  $0.000^\circ$ ; Azm:  $297.00000^\circ$ ; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.*  
**ISCJB 01 00:15:20.0, 0.2, 7.11S; 155.11E, h14km, 5km, mb5.6/131, MS5.5/209, Error ellipse: s-maj=5.4km s-min=4.8km az=138.4**  
**GCMT 01 00:15:20.9, 0.1, 7.27S; 155.02E, h14km, MW5.7/98, Moment Tensor Solution. s98, c189; s95, c222; Duration: 1s7 Moment tensor: Scale  $10^{17}$  Nm;  $M_{11}=1.11$ ;  $M_{22}=0.4$ ;  $M_{33}=2.29$ ;  $M_{12}=0.04$ ;  $M_{13}=1.18$ ;  $M_{23}=0.44$ ;  $M_{12}=1.64$ ;  $M_{13}=3.19$ ;  $M_{23}=2.0$ ; Best double couple:  $M_{33}=4.91000 \times 10^{17}$ ;  $M_{11}=3.20000 \times 10^{17}$ ;  $M_{12}=0.00000^\circ$ ;  $\delta_36.00000^\circ$ ,  $\lambda=15.00000^\circ$ . NP2:  $\phi_0=62.00000^\circ$ ,  $\delta_81.00000^\circ$ ,  $\lambda=125.00000^\circ$ . Principal axes: T:  $3.56400$ , P1g28:  $0.000^\circ$ ; Azm:  $179.00000^\circ$ ; N:  $1.85500$ , P1g35:  $0.000^\circ$ ; Azm:  $63.00000^\circ$ ; P:  $-5.41900$ , P1g43:  $0.000^\circ$ ; Azm:  $239.00000^\circ$ ; nst1 refers to body waves, cutoff=40s. nst42 refers to surface/mantle waves, cutoff=50s.**  
**MOS 01 00:15:23.8, 1.6, 7.20S; 154.98E, h33km, mb5.8/35, MS5.4/54 Error ellipse: s-maj=8.8km s-min=5.7km az=89.9**  
**ISC 01 00:15:23.8, 1.0, 7.13S; 155.14E, 0.03, h28km, 6km, h16km, 1.6km; pP, n617, s097/339, mb5.6/130, MS5.5/209, 31C-52, Bougainville - Solomon Islands region**

Code	Station Name	A°	AZ°	Phase ID	Time	Res
HNR	Honiara	5.28	116	Pn	00 16 39.8	-1.1
HNR	Coen	13.57	239	Pn	00 18 35.2	+0.7
COEN	Charters Tower	15.49	213	eP	00 19 00.7	+0.3
CTA	Charters Tower	15.49	213	eP	00 19 06.2	-5.9
CTA	Charters Tower	15.49	213	eP	00 19 11.6	-4.1
CTA	Charters Tower	15.49	213	eP	00 21 58.3	+7.0
CTA	Charters Tower	15.49	213	eP	00 27 40.1	+4.9
CTA	Charters Tower	15.49	213	eP	00 19 00.7	+0.3
CTA	Charters Tower	15.49	213	eP	00 21 58.3	+7.0
CTA	Charters Tower	15.49	213	eP	00 19 01.4	+0.9
CTA	Charters Tower	15.49	213	eP	00 24 24.8	
CTAO	Charters Tower	15.49	213	eP	00 18 59.8	-0.6
EIDS	Eidsvold	18.54	192	eP	00 19 38.0	-0.6
TLE	Tual	22.31	273	eP	00 20 23.0	+3.7
GUMO	Guam	22.97	334	P	00 20 25.6	-0.7
GUMO	Guam	22.97	334	P	00 20 26.4	+0.1
GUMO	Guam	22.97	334	P	00 20 26.5	+0.3
KAKA	Kakaodu	23.03	254	eP	00 20 25.6	-1.3
ARMA	Armidale	23.40	188	eP	00 20 30.2	-0.4
ARMA	Armidale	23.40	188	eP	00 24 42.9	+1.2
WRAB	Tennant Creek	23.84	236	iP	00 20 33.6	-1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.9	-0.9
WRAB	Tennant Creek	23.84	236	eP	00 20 30.2	-0.4
WRAB	Tennant Creek	23.84	236	eP	00 24 42.9	+1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.6	-1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.9	-0.9
WRAB	Tennant Creek	23.84	236	eP	00 20 30.2	-0.4
WRAB	Tennant Creek	23.84	236	eP	00 24 42.9	+1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.6	-1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.9	-0.9
WRAB	Tennant Creek	23.84	236	eP	00 20 30.2	-0.4
WRAB	Tennant Creek	23.84	236	eP	00 24 42.9	+1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.6	-1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.9	-0.9
WRAB	Tennant Creek	23.84	236	eP	00 20 30.2	-0.4
WRAB	Tennant Creek	23.84	236	eP	00 24 42.9	+1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.6	-1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.9	-0.9
WRAB	Tennant Creek	23.84	236	eP	00 20 30.2	-0.4
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WRAB	Tennant Creek	23.84	236	eP	00 20 30.2	-0.4
WRAB	Tennant Creek	23.84	236	eP	00 24 42.9	+1.2
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WRAB	Tennant Creek	23.84	236	eP	00 20 30.2	-0.4
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WRAB	Tennant Creek	23.84	236	eP	00 20 33.9	-0.9
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WRAB	Tennant Creek	23.84	236	eP	00 20 33.9	-0.9
WRAB	Tennant Creek	23.84	236	eP	00 20 30.2	-0.4
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WRAB	Tennant Creek	23.84	236	eP	00 20 33.6	-1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.9	-0.9
WRAB	Tennant Creek	23.84	236	eP	00 20 30.2	-0.4
WRAB	Tennant Creek	23.84	236	eP	00 24 42.9	+1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.6	-1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.9	-0.9
WRAB	Tennant Creek	23.84	236	eP	00 20 30.2	-0.4
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WRAB	Tennant Creek	23.84	236	eP	00 20 33.6	-1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.9	-0.9
WRAB	Tennant Creek	23.84	236	eP	00 20 30.2	-0.4
WRAB	Tennant Creek	23.84	236	eP	00 24 42.9	+1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.6	-1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.9	-0.9
WRAB	Tennant Creek	23.84	236	eP	00 20 30.2	-0.4
WRAB	Tennant Creek	23.84	236	eP	00 24 42.9	+1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.6	-1.2
WRAB	Tennant Creek	23.84	236	eP	00 20 33.9	-0.9
WRAB	Tennant Creek	23.84	236	eP	00 20 30.2	-0.4
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WRAB	Tennant Creek	23.84	236	eP	00 20 33.9	-0.9
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WRAB	Tennant Creek	23.84	236	eP	00 20 33.9	-0.9
WRAB	Tennant Creek	23.84	236	eP	00 20 30.2</	







GOR				S	SKSac	00 40 12.7	-18
GOF	Goifitskoye	110.59 315		ePKIKP	PKIKP	00 33 51.0	-2.9
GOF				pmax	pmax		
ONI	comp-Z,40nm,1.5s						
ONI	Oni	110.73 313		P	PP	00 34 25.2	-6.2
SCIA	State Center	110.81 48		PFAKE	SKSac	00 40 33.0	+1.2
SCIA				LR	LR	00 34 00.0	+5.6
EYMN	comp-Z,2.2um,20.0s,MSS.6						
EYMN	Ely	110.85 41		PFAKE	LR	00 34 00.0	+5.7
NATX	comp-Z,2.2um,19.0s,MSS.7						
NATX	Nacogdoches	110.89 59		PFAKE	LR	00 34 10.0	+1.5
KIV	comp-Z,2.2um,19.0s,MSS.8						
KIV	Kislovodsk	111.04 314		PKIKP	PKIKP	00 33 53.0	-1.8
KIV				MLR	MLR		
KIV	comp-Z,7.11nm,22.0s,MSS.2						
KIV	Kislovodsk	111.04 314		PKIKP	PKIKP	00 33 53.0	-1.8
KIV				LR	LR		
BHD	comp-Z,7.43nm,11.8s,MSS.5						
BHD	Mount Ida	111.53 56		PFAKE	LR	00 34 10.0	+1.4
MIAR	MIAR						
MIAR	comp-Z,2.2um,19.0s,MSS.8						
MIAR	Obninsk	111.94 327		eP	Pdf	00 29 55.6	-3.7
MIAR				e	e	00 34 40.7	+3.2
MIAR				pmax	pmax		
OBN	comp-Z,4.0nm,0.9s						
OBN	Obninsk	111.94 327		PFAKE	LR	00 34 10.0	+1.4
OBN							
OBN	comp-Z,1.1um,19.0s,MSS.5						
OBN	Mosul	111.94 306		ex	x	00 34 39.0	
OBN				ex	x	00 41 37.0	
OBN				ex	x	00 44 10.0	
OBN				ex	x	00 34 10.0	+1.2
MSL	Jewell Farm	112.79 46		PFAKE	LR	00 34 10.0	+1.2
MSL							
MSL	comp-Z,2.2um,20.0s,MSS.7						
MSL	Conover	112.85 43		PFAKE	LR	00 34 10.0	+1.2
COWI	COWI						
COWI	Cathedral Cave	112.93 52		PFAKE	LR	00 34 10.0	+1.1
CCM	CCM						
CCM	Sochi	113.22 314		iPKIKP	PKIKP	00 34 00.1	+1.1
SOC	SOC						
SOC	SOC			e	e	00 34 46.8	
SOC	SOC			ePS	PS	00 44 22.2	-3.0
SOC	SOC			eSS	SS	00 45 26.6	
SOC	SOC			eSSS	SS	00 50 22.4	-1.0
SOC	SOC			eSSSS	SS	00 54 41.4	
SOC	SOC			PFAKE	LR	00 34 10.0	+1.0
HDIL	Hopedale	113.97 49		PFAKE	LR	00 34 10.0	+1.0
HDIL							
FINES	comp-Z,2.2um,19.0s,MSS.8						
FINES	FINES Array B	114.12 336		PKP	PKIKP	00 33 59.2	-0.9
FINES				PKPKPbc	PKPKPbc	00 44 43.6	+0.3
FINES	FINES Array B	114.12 336		PKP	PKIKP	00 33 59.2	-0.9
FINES				1.8,SNR=4.8			
FINES				PKPKPbc	PKPKPbc	00 44 43.6	+0.3
VBMS	Vicksburg	114.34 58		PFAKE	LR	00 34 10.0	+8.5
VBMS							
ANN	comp-Z,2.2um,20.0s,MSS.7						
ANN	Anapa	114.53 316		iPKIKP	PKIKP	00 33 59.2	-2.1
ANN				pmax	pmax		
ANN	comp-Z,3.8nm,1.0s						
ANN	East Falkland	114.87 158		PFAKE	LR	00 34 10.0	+8.1
ANN							
EFI	comp-Z,1.2um,20.0s,MSS.4						
EFI	Malatya	115.28 309		ePKIKP	PKPKdf	00 34 04.5	+1.4
EFI	Malatya	115.28 309		iPKIKP	PKPKdf	00 35 04.4	+0.6
EFI	Jan Mayen	115.38 354		ePP	PP	00 35 03.6	+0.4
EFI	Waverly	115.95 53		PFAKE	LR	00 34 10.0	+5.6
EFI							
PLAL	comp-Z,2.2um,19.0s,MSS.7						
PLAL	Pickwick Lake	115.95 55		PFAKE	LR	00 34 10.0	+5.5
PLAL							
PLCA	comp-Z,2.2um,20.0s,MSS.7						
PLCA	Paso Flores	116.53 143		PKP	PKPKdf	00 34 05.5	0.0
PLCA				PKPKPbc	PKPKPbc	00 44 34.8	+0.4
PLCA	comp-Z,1.2um,21.0s,MSS.5						
PLCA	Paso Flores	116.53 143		PKP	PKPKdf	00 34 05.5	0.0
PLCA				PKPKPbc	PKPKPbc	00 44 34.8	+0.4
LRAL	comp-Z,9.3nm,1.0s,baz=23.1,slow=4.3,SNR=11						
LRAL	Lakeview Retre	117.16 57		PFAKE	LR	00 34 20.0	+1.3
LRAL							
TEIG	comp-Z,2.2um,20.0s,MSS.8						
TEIG	Tepeh	117.35 71		PFAKE	LR	00 34 20.0	+1.2
TEIG							
BRAL	comp-Z,6.25nm,19.0s,MSS.2						
BRAL	Brewton	117.43 59		PFAKE	LR	00 34 20.0	+1.3
BRAL							
KMBO	comp-Z,1.1um,19.0s,MSS.5						
KMBO	Kilima Mbogo	117.49 265		PKIKP	PKPKdf	00 34 09.2	+1.1
KMBO				PKPKPbc	PKPKPbc	00 34 09.6	+1.5
ASF	comp-Z,3.2nm,0.9s,baz=106,slow=1.9,SNR=8.4						
ASF	Jabal al Asfar	117.62 303		PKP	PKPKdf	00 34 08.2	+0.5
ASF				PKPKPbc	PKPKPbc	00 34 20.0	+1.2
AAM	comp-Z,2.2um,20.0s,MSS.7						
AAM	Ann Arbor	117.66 46		PFAKE	LR	00 34 20.0	+1.2
AAM							
SFJD	comp-Z,2.2um,20.0s,MSS.7						
SFJD	Kangerlussuaq	117.69 11		PFAKE	LR	00 34 20.0	+1.3
SFJD							
AKASG	comp-Z,9.73nm,19.0s,MSS.5						
AKASG	Malin Array Be	117.73 324		PKP	PKPKdf	00 34 07.7	+0.3
AKASG				PKPKPbc	PKPKPbc	00 44 29.4	-0.9
AKASG	Malin Array Be	117.73 324		PKP	PKPKdf	00 34 07.7	+0.3
AKASG				PKPKPbc	PKPKPbc	00 44 29.4	-0.9
AKASG	comp-Z,4.7nm,0.8s,baz=66,slow=2.1,SNR=15						
AKASG	Tegucigalpa,UN	118.41 78		PFAKE	LR	00 34 20.0	+1.3
AKASG							
GMAR	comp-Z,9.06nm,19.0s,MSS.4						
GMAR	Mount Meron Ar	118.71 304		PKP	PKPKdf	00 34 10.4	+0.5
GMAR				PKPKPbc	PKPKPbc	00 34 20.0	+1.0
ACSO	comp-Z,0.3nm,0.3s,baz=66,slow=2.0,SNR=3.1						
ACSO	Alum Creek Sta	118.74 48		PFAKE	LR	00 34 10.0	+1.0
ACSO							
ANTO	comp-Z,1.1um,19.0s,MSS.6						
ANTO	Ankara	119.17 312		iPKIKP	PKPKdf	00 34 11.8	+1.3
ANTO				PFAKE	LR	00 34 20.0	+9.2
TZTN	Tazewell	119.24 52		PFAKE	LR	00 34 20.0	+9.2
TZTN							
KIS	comp-Z,3.2um,20.0s,MSS.6						
KIS	Kishinev	119.49 321		ePP	PP	00 35 10.0	-2.3
KIS				LRM	LRM	01 26 45.0	
EIL	comp-Z,500nm,17.0s						
EIL	Eilat	119.67 300		PKP	PKPKdf	00 34 10.8	-1.0
EIL				PKPKPbc	PKPKPbc	00 34 10.8	-1.0
HFS	comp-Z,4.2nm,0.7s,baz=84,slow=2.0,SNR=4.7						
HFS	Hagfors	119.68 339		PKP	PKPKdf	00 34 07.7	+0.3
NB2	comp-Z,1.2nm,0.5s,baz=87,slow=3.1,SNR=8.2						
NB2	NORSAR Subarr1	119.88 341		PKPKdf	PKPKdf	00 34 11.1	-0.1
NB2				PKPKdf	PKPKdf	00 34 11.1	-0.1
NB2	comp-Z,4.8nm,1.1s,baz=84,slow=2.0,SNR=5.0						
NB2	NORSAR Subarr1	119.88 341		PKPKdf	PKPKdf	00 34 11.1	-0.1
NB2				PKPKdf	PKPKdf	00 34 11.1	-0.1
NOA	comp-Z,1.7nm,0.6s,baz=45,slow=1.9,SNR=9.6						
NOA	NORSAR Array B	119.88 341		PKP	PKPKdf	00 34 10.3	-0.9
NOA				PKPKPbc	PKPKPbc	00 44 22.4	+0.1
SADO	comp-Z,1.0nm,0.9s,baz=41,slow=3.3,SNR=3.5						
SADO	Sadowa	119.95 42		PKP	PKPKdf	00 34 11.4	-0.5
SADO							
GOGA	comp-Z,2.2um,21.0s,MSS.7						
GOGA	Godfrey	120.00 56		PFAKE	LR	00 34 20.0	+7.7
GOGA							
BOSA	comp-Z,2.2um,21.0s,MSS.7						
BOSA	Boshof	120.05 231		PKIKP	PKPKdf	00 34 13.6	+1.0
BOSA				PKPKPbc	PKPKPbc	00 34 13.4	+0.9
NAO11	comp-Z,5.8nm,0.7s,baz=81,slow=2.1,SNR=12						
NAO11	NORSAR Array S	120.13 341		PFAKE	LR	00 34 20.0	+8.3
NAO11							
ERPA	comp-Z,1.1um,21.0s,MSS.5						
ERPA	Erie	120.30 45		PFAKE	LR	00 34 20.0	+7.4
ERPA							
JTS	comp-Z,2.2um,21.0s,MSS.8						
JTS	JuntasAbangare	120.59 82		PFAKE	LR	00 34 20.0	+6.1
JTS							
JTS	comp-Z,3.2um,19.0s,MSS.6						

MCWV	Mont Chateau	121.20 48		PFAKE	LR	00 34 20.0	+5.6
MCWV							
SUR	Sutherland	121.40 225		PKP	PKPKdf	00 34 16.6	+1.5
SUR				LR	LR		
SUR	comp-Z,3um,21.0s,MSS.9						
SUR	Sutherland	121.40 225		PKP	PKPKdf	00 34 16.6	+1.5
SUR				PKPKdf	PKPKdf	00 34 16.6	+1.5
LBTB	comp-Z,1.1nm,1.0s,baz=122,slow=3.7,SNR=9.0						
LBTB	Loblatse	121.42 235		PKIKP	PKPKdf	00 34 16.4	+1.1
LBTB				MLR	MLR		
LBTB	comp-Z,2.2um,20.0s,MSS.7						
LBTB	Loblatse	121.42 235		PKP	PKPKdf	00 34 16.4	+1.1
LBTB				PKPKdf	PKPKdf	00 34 16.4	+1.1
BURAR	comp-Z,8.6nm,0.9s,baz=161,slow=5.3,SNR=15						
BURAR	Bucovina Array	121.45 323		iPKIKP	PKPKdf	00 34 15.9	+1.3
BURAR				PFAKE	LR	00 34 30.0	+1.5
BLA	comp-Z,2.2um,20.0s,MSS.7						
BLA	Schoefferville	121.84 27		PKP	PKPKdf	00 34 15.6	+0.4
BLA				PKPKPbc	PKPKPbc	00 44 15.2	+1.2
SCHO	comp-Z,3um,20.0s,MSS.9						
SCHO	Schoefferville	121.84 27		PKP	PKPKdf	00 34 15.6	+0.4
SCHO				PKPKPbc	PKPKPbc	00 44 15.2	+1.2
SCHO	comp-Z,3.0nm,0.8s,baz=333,slow=5.0,SNR=4.5						
SCHO				PKPKPbc	PKPKPbc	00 44 15.2	+1.2
MLR	comp-Z,3.5nm,0.8s,baz=129,slow=4.0,SNR=5.7						
MLR	Muntele Rosu	121.92 320		PKP	PKPKdf	00 34 15.2	-0.4
MLR				PKPKdf	PKPKdf	00 34 15.2	-0.4
MLR	comp-Z,3.0nm,0.6s,baz=92,slow=3.6,SNR=5.3						
MLR	Muntele Rosu	121.92 320		iPKIKP	PKPKdf	00 34 16.4	+0.8
MLR				PKPKdf	PKPKdf	00 34 16.4	+0.8
MLR	Kalwarja	121.94 326		ePKP	PKPKdf	00 34 16.5	+1.0
MLR				PKPKdf	PKPKdf	00 34 16.5	+1.0
MLR	Kalwarja	121.94 326		iPKIKP	PKPKdf	00 34 16.5	+1.0
MLR				PKPKdf	PKPKdf	00 34 16.5	+1.0
MLR	Ber	122.22 343		ePP	PP	00 35 49.3	-1.3
MLR				eSKS	SKSac	00 41 13.4	-0.3
MLR				ePKPKdf	PKPKdf	00 34 16.5	0.0
MLR	SSPA	122.29 46		ePKPKdf	PKPKdf	00 34 16.5	0.0
MLR				PKPKdf	PKPKdf	00 34 16.5	0.0
BORG	Borgarnes	122.43 358		ePKPKdf			

EKA	Eszkdaleim Ar	128.91 344	PKP	PKPdf	00 34 30.0	+1.3
ESK	Eszkdaleim	128.94 344	PFAKE	LR	00 34 40.0	+1.1
ESK	comp=Z, 7.9nm, 19.0s, MS5.4					
SOTA	Sankt Quirin	129.57 329	PKP	PKPdf	00 34 25.1	-5.1
MEM	Membach	129.63 335	PKP	PKPdf	00 34 29.1	-1.1
META	Feichten	129.95 329	PKP	PKPdf	00 34 34.8	
BFO	Black Forest	130.25 331	PFAKE	LR	00 34 40.0	+8.6
BFO	comp=Z, 6.14nm, 19.0s, MS5.3					
WLF	Waldergang	130.77 334	PKP	PKPdf	00 34 31.4	-0.1
DAVOX	Davos/Dischmat	130.54 329	PKP	PKPdf	00 34 30.7	-1.3
DAVOX	comp=Z, 1.1nm, 0.9s, baz=50, slow=1.9, SNR=8.4					
DAVOX	comp=Z, 1.1nm, 1.0s, baz=95, slow=18, SKPbc					
DAVOX	Davos	130.55 329	PKP	PKPdf	00 34 30.7	-1.4
DOU	Dourbes	130.61 335	E	PKPdf	00 34 33.8	+1.7
TSMU	Tsumeb	130.67 337	PFAKE	LR	00 34 40.0	+6.9
TSMU	comp=Z, 1.1um, 20.0s, MS5.7					
CDP	Champ du Feu	130.68 332	PKP	PKPdf	00 34 29.1	-3.2
ROSC	El Rosal	130.77 90	PKP	PKPdf	00 34 34.4	+1.0
BAIF	Baive	130.79 336	PKP	PKPdf	00 34 29.2	-3.2
LPZ	La Paz	131.27 119	PKP	PKPdf	00 34 34.6	+0.3
LPZ	La Paz	131.27 119	PKP	PKPdf	00 34 35.3	+1.0
LPZ	comp=Z, 1.8nm, 1.1s, baz=243, slow=2.0, SNR=29					
HNF	Hinterfall	131.31 332	PKP	PKPdf	00 38 01.5	+4.0
HNF	comp=Z, 1.5nm, 1.0s, baz=247, slow=1.5, SNR=15					
HAU	Haudoupre	131.40 332	PKP	PKPdf	00 34 30.6	-3.1
HAU	comp=Z, 4.4nm, 1.3s					
MEZF	Maizieres J'vi	131.62 334	PKP	PKPdf	00 34 30.3	-3.8
MEZF	comp=Z, 98nm, 1.4s					
CABF	La Chapelle	132.54 331	PKP	PKPdf	00 34 32.5	-3.3
CABF	comp=Z, 6.3nm, 1.3s					
LPL	La Plagne	133.00 330	PKP	PKPdf	00 34 31.5	-5.3
LPG	La Plagne	133.01 330	PKP	PKPdf	00 34 31.6	-5.2
LOR	Lormes	133.08 333	PKP	PKPdf	00 34 33.0	-3.8
LOR	comp=Z, 1.6nm, 0.9s					
BNI	Bardonecchia	133.35 329	PKP	PKPdf	00 34 30.8	-6.6
BNI	Bardonecchia	133.35 329	PKP	PKPdf	00 34 30.6	-6.9
SSR	Saint Sauge	133.39 333	PKP	PKPdf	00 34 34.1	-3.3
SSR	comp=Z, 7.0nm, 1.0s					
SDDR	Presa de Saban	133.41 71	PFAKE	LR	00 34 50.0	+12
SDDR	comp=Z, 840nm, 19.0s, MS5.5					
MDDF	Montardon	133.53 329	PKP	PKPdf	00 34 34.4	-3.4
ORIF	Oris-en-Rattie	133.85 330	PKP	PKPdf	00 34 34.4	-4.0
ORIF	comp=Z, 1.7nm, 1.1s					
CPUP	Villa Florida	134.18 138	PKP	PKPdf	00 34 39.4	-0.2
CPUP	comp=Z, 4.6nm, 0.9s, baz=223, slow=1.9, SNR=8.8					
CPUP	comp=Z, 6.8nm, 1.1s					
TCF	Toulx Ste Croi	134.56 334	PKP	PKPdf	00 34 36.1	-3.6
TCF	comp=Z, 1.6nm, 1.1s, baz=229, slow=5.3, SNR=10.0					
SDV	Santo Domingo	134.66 85	PKP	PKPdf	00 34 41.0	+0.2
SDV	comp=Z, 2.31nm, 19.0s, MS4.9					
BBSR	BB Station	135.28 50	PFAKE	LR	00 34 50.0	+8.6
BBSR	comp=Z, 1.1um, 20.0s, MS5.6					
KEST	Kesra	137.68 317	PKP	PKPdf	00 34 36.0	
KEST	comp=Z, 2.5nm, 1.1s, baz=306, slow=9.1, SNR=4.3					
KEST	comp=Z, 2.9nm, 0.8s, baz=20, slow=2.4, SNR=12					
SJG	San Juan	138.56 51	PFAKE	LR	00 35 00.0	+12
SJG	comp=Z, 650nm, 19.0s, MS5.4					
ETOR	Torete	140.77 332	PKP	PKPdf	00 34 46.7	-4.6
GUD	Guadarrama	141.85 334	PKP	PKPdf	00 34 49.9	-3.3
ESDC	Sonseca Array	142.52 333	PKP	PKPdf	00 34 51.5	-3.0
ESDC	Sonseca Array	142.56 333	PKP	PKPdf	00 34 52.2	-2.3
ESDC	comp=Z, 2.9nm, 0.8s, baz=20, slow=2.4, SNR=12					
ESDC	comp=Z, 3.2nm, 1.1s, baz=34, slow=6.0, SNR=4.3					
ESLA	Sonseca Array	142.56 333	PFAKE	LR	00 35 00.0	+5.5
MVO	Moncorvo	142.57 338	eLR	LR	01 25 34.6	
MVO	comp=Z, 649nm, 19.1s					
EMUR	La Murta	142.67 328	P	PKPdf	00 34 49.6	-5.1
EMUR	Vianos	142.70 331	PKP	PKPdf	00 34 51.2	-3.6
PAB	San Pablo	142.83 333	PFAKE	LR	00 35 10.0	+15
MTE	Manteigas	143.43 338	PKP	PKPdf	00 34 54.3	-1.7
MTE	Manteigas	143.43 338	PKP	PKPdf	01 25 48.6	
EQES	Quesada	143.63 330	P	PKPdf	00 34 53.9	-2.5
EBAN	Banos Encina	143.63 328	PKP	PKPdf	00 34 55.2	-1.4
ENLU	Nijjar	143.63 328	PKP	PKPdf	00 34 54.2	-2.5
EADA	Adamuz	144.06 332	P	PKPdf	00 34 55.5	-1.7
EBER	Berja	144.24 329	P	PKPdf	00 34 55.3	-2.3
ECOG	Cogollos-Vega	144.28 330	PKP	PKPdf	00 34 56.1	-1.5
ELUG	Luque	144.40 331	PKP	PKPdf	00 34 56.5	-1.3
ECAB	El Cabril	144.52 333	P	PKPdf	00 34 57.2	-0.9
ERON	Agron	144.61 330	P	PKPdf	00 34 56.7	-1.5
EGUA	Gujares	144.63 330	PKP	PKPdf	00 34 57.2	-1.1
EBAD	Badajoz	144.63 336	P	PKPdf	00 34 57.4	-0.8
ELJO	Sierra Loja	144.67 331	PKP	PKPdf	00 34 57.1	-1.2
PESTR	Estremoz	144.77 336	PKP	PKPdf	00 34 56.6	-1.8
PESTR	comp=Z, 929nm, 17.7s					
EALB	Alboran	145.05 328	P	PKPbc	00 34 58.3	0.0
PBAR	Barrancos	145.14 335	PKP	PKPdf	00 34 58.1	-1.0
PBAR	comp=Z, 855nm, 17.7s					
EVO	Evora	145.23 337	PKP	PKPdf	00 34 59.5	+0.3
EVO	comp=Z, 361nm, 1.3s					
EVO	Evora	145.23 337	PKP	PKPdf	00 34 57.9	-1.3
EMIN	Mina Concepcio	145.32 334	PKP	PKPdf	00 35 00.2	+1.0
PMAFR	Miãra	145.34 338	PKP	PKPdf	00 35 02.1	+1.8
PMAFR	comp=Z, 769nm, 19.1s					
BBGH	Gun Hill	145.35 77	PFAKE	LR	00 35 10.0	+10
BBGH	comp=Z, 2.1um, 21.0s, MS5.9					
EMIJ	Mijas	145.44 331	P	PKPbc	00 34 58.8	-0.8
PBEJ	Beja	145.60 336	PKP	PKPdf	00 34 59.7	-0.2
ESPR	Espera	145.70 332	P	PKPdf	00 35 01.4	+1.3
EJFR	Jimena Fronter	145.86 332	PKP	PKPdf	00 35 01.2	-0.8
EGFR	El Granado	145.87 335	PKP	PKPdf	00 35 02.1	+1.8
PVAQ	Vaqueiros	146.07 335	PKP	PKPdf	00 35 02.1	+1.4
PVAQ	comp=Z, 1.1um, 19.1s					
PBDV	Barranco-do-Ve	146.30 335	PKP	PKPdf	00 35 02.6	+1.5
PBDV	comp=Z, 780nm, 19.1s					
PTEO	Sao Teotonio	146.36 336	PKP	PKPdf	00 35 02.6	+1.4
MORF	Marinete	146.54 336	PKP	PKPdf	00 35 03.4	+1.9
MORF	comp=Z, 898nm, 17.7s					
PFVI	Vila Bisbo	146.76 336	PKP	PKPdf	00 35 02.8	+0.9
PFVI	comp=Z, 753nm, 17.7s					
BDFB	Brasilia	147.78 135	PKP	PKPdf	00 35 05.4	-1.6
BDFB	comp=Z, 1.7nm, 0.9s, baz=200, slow=1.3, SNR=27					
MDT	Midelt	148.27 326	PKP	PKPdf	00 35 09.1	+1.2
MDT	comp=Z, 50nm, 1.0s, baz=35, slow=3.5, SNR=25					
CMLA	Cha da Macela	149.50 1	PKP	PKPdf	00 35 16.9	+1.2
CMLA	comp=Z, 837nm, 19.0s, MS5.5					
DBIC	Dimbokro	160.13 270	PKP	PKPdf	00 35 23.1	+1.5
DBIC	comp=Z, 1.1um, 20.0s					
DBIC	Dimbokro	160.13 270	PKP	PKPdf	00 35 23.1	+1.5
DBIC	comp=Z, 5.2nm, 1.0s, baz=90, slow=4.0, SNR=3.9					
DBIC	comp=Z, 2.27nm, 0.9s, baz=82, slow=4.7, SNR=19					
LIC	Lamto	160.28 269	PKP	PKPdf	00 35 16.0	-5.8
LIC	comp=Z, 2.5nm, 1.2s					

<p>4007 MAY</p> <p>1DC 01 00:22:08.8, 1.1, 663Sx:15533E, h0km, mb4.2/10, mb1 4.3/10, mb1mx3.2/16, mbtmp2.1/10, MS5.0/1, Ms1 5.0/1, ms1mx3.9/22, Error ellipse: s-maj=41.0km s-min=20.5km az=112.0</p> <p>NEIC 01 00:22:10.7, 0.5, 662Sx:15527E, h10km, mb4.5/3, Error ellipse: s-maj=14.9km s-min=7.9km az=115.0</p> <p>ISCJB 01 00:22:15.5, 6.4, 67S:0.1x1552E:02, h58km, 56km, mb4.3/16, Error ellipse: s-maj=25.1km s-min=22.5km az=169.4</p> <p>ISC 01 00:22:16.9, 5.4, 67S:0.1x1552E:01, h58km, 49km, n23, 0574/23, mb4.3/16, Bougainville - Solomon Islands region</p>											
Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res	h	m	s	ISC
CTAO	Charters Tower	15.91 212	Pn	Pn	Pn	00 25 56.6	-0.7				
WRAB	Tennant Creek	24.15 235	eP	P	P	00 27 27.4	-0.4				
WB2	Warramunga Arr	24.15 235	eP	P	P	00 27 28.0	+0.1				
WRA	Warramunga Arr	24.15 235	eP	P	P	00 27 29.4	+1.4				
ASAR	Alice Springs	26.54 222	eP	P	P	00 27 50.0	+0.6				
STKA	Stephens Creek	28.11 205	P	P	P	00 28 03.5	+0.1				
FITZ	Fitzroy Crossi	30.97 246	P	P	P	00 28 29.3	+0.3				
TAU	Tasmania Univ	36.75 190	P	P	P	00 29 18.2	-0.6				
MBWA	Marble Bar	37.20 244	eP	P	P	00 29 23.6	+0.7				
KSM	Kulm	45.53 279	eP	P	P	00 30 31.2	-0.2				
KULM	Kulm	55.73 281	P	P	P	00 31 47.6	-0.6				
ENH	Enshi	57.17 313	P	P	P	00 31 58.5	+0.3				
CHTO	Chiang Mai	60.94 296	eP	P	P	00 32 24.3	-0.2				
SONM	Songino Array	69.18 327	P	P	P	00 33 18.1	+0.7				
SONM	Songino Array	69.18 327	P	P	P	00 33 18.1	+0.7				
MCK	McKinley	81.69 221	eP	P	P	00 34 28.7	-0.1				
COLA	Collegue	82.71 21	eP	P	P	00 34 34.6	+0.5				
MKAR	Macknchi Array	83.30 319	P	P	P	00 34 37.6	+0.1				
QSPA	South Pole Qui	83.00 180	P	P	P	00 34 36.7	-0.3				
ZALV	Zalveson Beam	84.03 326	P	P	P	00 34 39.8	-1.3				
UCH	Uchire	87.59 313	P	P	P	00 34 56.6	-2.4				
INK	Inuvik	89.35 21	P	P	P	00 35 07.4	+0.7				
YKA	Yellowknife Ar	95.96 28	P	P	P	00 35 37.9	+				

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

ISCJB 01 00:50:22.3.0.4, 2925N:004:12980E:008, h52km, 5km, m3, 7/8, Error ellipse: s-maj=12.5km s-min=3.8km az=2/3

JMA 01 00:50:22.2.0.3, 2927N:12976E, h61km, km3, M3.9 NEIC 01 00:50:24.4.0.8, 2919N:12982E, h55km, 10km, MG3.9(JMA), Error ellipse: s-maj=14.7km s-min=8.0km az=115.0

IDC 01 00:50:24.7.1.7, 2921N:12981E, h58km, 16km, mb3.4/8, mb1.3/7.12, mb1mx3.6/24, mbtmp3.5/12, MS4.3/1, Ms1.4/3.1, ms1mx3.4/15, Error ellipse: s-maj=23.4km s-min=10.9km az=100.0

ISC 01 00:50:23.4.0.4, 2925N:004:12980E:008, h42km, 6km, n27, r191/36, mb3.7/8, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Nakanoshima, Amami Oshima, Kaikashima, etc.

NEIC 01 00:58:14.2, 3290S:6906W, h11km, ML3.5(GUC), After GUC

NEIC Feit at Mendoza GUC 01 00:58:14.2.0.6, 3290S:6906W, h11km, 2km, MD4.1, ML3.5, 8C-9D, Mendoza Province

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Jahuel, San Jose de Ma, Cerro Calan, etc.

ISCJB 01 01:01:52.5.1.1, 3463N:004:2501E:004, h2km, 9km, Error ellipse: s-maj=6.2km s-min=5.6km az=178.9

CSEM 01 01:01:53.3.0.1, 3456N:2489E, h2km, MD3.6, Error ellipse: s-maj=4.2km s-min=3.4km az=91.0

HLW 01 01:01:54.8, 3484N:2492E, h33km, Mb3.2 ATH 01 01:01:55.6, 3483N:2495E, h11km, 2km, MD3.6/10 NEIC 01 01:01:55.7, 3483N:2491E, h15km, MD3.6(ATH), After ATH

ISC 01 01:01:54.3.1.0, 3469N:004:2500E:004, h9km, 7km, n24, r125/33, 1C-2D, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Khrisi, Gvdhodos, Neapolis, etc.

ISCJB 01 01:19:02.5.0.3, 722S:004:15535E:005, h10km, mb4.8/60, MS4.5/11, Error ellipse: s-maj=6.9km s-min=5.7km az=173.5

IDC 01 01:19:02.7.0.5, 717S:15518E, h0km, mb4.6/13, mb1.4/7.14, mb1mx4.7/15, mbtmp4.5/14, ML3.3/1, MS4.1/4, Ms1.4/1.4, ms1mx3.6/22, Error ellipse: s-maj=23.9km s-min=15.2km az=91.0

NEIC 01 01:19:04.1.0.2, 722S:15532E, h10km, mb4.8/24, Error ellipse: s-maj=5.5km s-min=4.3km az=110.0

BUI 01 01:19:05.3, 666S:15518E, h10km, mb5.2, mb4.9, Ms5.1, Ms2.8

MOS 01 01:19:06.0.9, 717S:15534E, h33km, mb4.9/13, Error ellipse: s-maj=12.7km s-min=9.0km az=109.8

ISC 01 01:19:04.9.1.8, 724S:005:15534E:005, h14km, 11km, h4-2C, Bougainville - Solomon Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Alice Springs, Stephens Creek, Kuching, etc.

2007 MAY

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like LZH, MA2, GYA, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like WMOK, AKASO, NNA, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like CNB, FITZ, BATI, etc.

1d 1h

2007 MAY

Table with columns for location (e.g., WHN, FRIM, PPT), time (e.g., 2.0um, 19.0s), and various status codes (e.g., P, S, AMB, eP, eS).

Table with columns for location (e.g., BJI, BJI, BJI), time (e.g., 13nm, 1.4s), and various status codes (e.g., S, SS, AMB, LR, LR).

Table with columns for location (e.g., CLNS, CLNS, CLNS), time (e.g., 4.0nm, 0.9s), and various status codes (e.g., e, eS, pmax, pmax).



MDRS	Chennai	77.06	285	ex	x	01 57 45.5	
BLSP	Bilaspur	77.16	295	eP	P	01 57 17.9	-0.6
BLSP				Amb	AMB	01 57 25.0	
KOLN	comp-Z,60nm,1.3s,mb5.4						
KOLN	Koldanda	77.25	300	eP	P	01 57 18.8	-0.1
KOLN	comp-Z,321nm,1.6s,mb5.0						
KDAK	Kodiak Island	77.26	26	PFAKE	LR	01 57 30.0	+12
KDAK							
DANN	comp-Z,544nm,22.0s,MS4.8						
DANN	Dangsig	77.27	301	eP	P	01 57 18.8	-0.2
DANN	comp-Z,344nm,1.5s,mb5.0						
TNA	Tin City	77.46	15	eP	LR	01 57 19.4	+0.2
TNA							
SVW2	Sparvevohn	78.11	22	eP	P	01 57 23.2	+0.3
SVW2							
WMQ	Urumqi	79.06	317	P	P	01 57 28.5	-0.1
WMQ				XP	PP	01 57 35.5	-1.0
WMQ				PP	SS	02 00 29.5	+1.5
WMQ				S	SS	02 07 26.5	-0.6
WMQ				SKS	SS	02 07 38.5	-0.6
WMQ				PS	SS	02 08 11.5	
WMQ				SS	AMB	02 12 34.5	+1.2
WMQ	comp-Z,25nm,1.0s,mb5.1				AMB		
WMQ	comp-Z,786nm,7.0s				AMB		
WMQ	comp-N,895nm,24.0s,MS5.2				LR		
WMQ	comp-E,724nm,22.0s,MS5.2				LR		
WMQ	comp-Z,686nm,20.0s,MS5.0				LR		
TTA	Tatalina	79.14	21	eP	P	01 57 28.6	0.0
HYB	Hyderabad	79.48	289	eP	P	01 57 32.0	+0.6
HYB	Hyderabad	79.48	289	iP	P	01 57 32.0	+0.6
NGP	Nagpur	79.75	293	eP	P	01 57 31.2	-1.6
NGP				ex	x	01 57 36.8	
NGP	comp-Z,65nm,1.7s				S	02 07 34.9	-0.4
SLKM	Skilak Lake	79.84	24	P	P	01 57 32.2	-0.2
SLKM	Skilak Lake	79.84	24	eP	P	01 57 32.0	-0.4
SLKM				PcP	PcP	01 57 41.4	+1.4
TIKI	Tiksi	80.56	352	eP	P	01 57 34.0	-2.1
TIXI				eS	S	02 07 39.9	-1.9
TIXI				eSS	SS	02 13 00.9	+6.4
TIXI				pmax	pmax		
TIXI	comp-Z,10.0nm,2.3s,mb4.3				LR		
TIXI	Tiksi	80.56	352	eP	LR	01 57 34.6	-1.5
PTH	Pithoragarh	80.57	301	eP	P	01 57 37.2	+0.1
PMR	Palmer	80.89	24	eP	MLR	01 57 36.8	-1.3
PMR				MLR	MLR		
SML	Sawmill	81.33	24	eP	P	01 57 40.5	+0.1
AKL	Akola	81.53	292	eP	P	01 57 41.6	-0.8
AKL				Amb	AMB	01 57 46.1	
LATR	Latur	81.53	290	eP	P	01 57 40.9	-1.5
LATR				Amb	AMB	01 57 46.0	
DGAR	Diego Garcia	81.89	264	PFAKE	LR	01 58 00.0	+16
DGAR				LR	LR		
IMA2	Indian Mountai	81.92	19	eP	P	01 57 43.5	+0.1
IMA2				eP	P	01 57 59.5	
DIV	Divide	82.01	25	PFAKE	LR	01 58 00.0	+16
DIV				LR	LR		
MCK	McKinley	82.17	22	eP	P	01 57 43.8	-1.0
MCK				pmax	pmax		
MCK	comp-Z,109nm,1.2s,mb5.7				MLR		
MCK	comp-Z,109nm,1.2s,mb5.7				MLR		
MCK	comp-Z,109nm,1.2s,mb5.7				LR		
MCK	comp-Z,109nm,1.2s,mb5.7				LR		
DDI	Dehra Dun	82.57	302	ex	x	01 57 51.0	
NDI	New Delhi	82.94	300	eP	P	01 57 48.9	-0.7
NDI				Amb	AMB	01 57 53.0	
COLA	College	83.19	21	iP	P	01 57 48.3	-1.8
COLA	College	83.19	21	P	P	01 57 48.4	-1.7
KAD	Karad	83.56	288	eP	P	01 57 52.3	-0.7
KAD				Amb	AMB	01 57 58.8	
GOA	Goa	83.61	286	eP	P	01 57 52.5	-0.8
GOA				Amb	AMB	01 57 59.2	
MK31	Makanchi Array	83.64	319	P	P	01 57 51.8	-1.0
MKAR	Makanchi Array	83.64	319	eP	P	01 57 52.4	-0.4
MKAR	comp-Z,17nm,1.0s,mb5.1,baz=98,slo=6.0,SNR=43					02 24 16.2	
MKAR	comp-Z,0.5nm,0.9s,baz=276,slo=2.3,SNR=4.3					02 36 37.6	
MKAR				LR	LR		
POO	Poona	84.08	289	eP	P	01 57 55.0	-0.6
POO				Amb	AMB	01 58 02.4	
MAW	Mawson	84.29	203	P	P	01 57 56.3	+0.6
MAW	comp-Z,25nm,1.2s,mb5.2,baz=87,slo=8.8,SNR=7.8				LR	02 33 27.1	
ZAA0	Zalesovo Array	84.42	326	eP	P	01 57 55.0	-1.6
ZALV	Zalesovo Beam	84.42	326	P	P	01 57 54.9	-1.7
ZALV				LR	LR	02 36 40.6	
ZALV	Zalesovo Beam	84.42	326	P	P	01 57 54.9	-1.7
ZALV	comp-Z,2.0nm,0.5s,mb4.5,baz=119,slo=5.4,SNR=9.1				LR	02 36 40.6	
ZALV				LR	LR		
ZAL	Zalesovo	84.42	326	P	P	01 57 54.9	-1.7
AJM	Ajmer	84.74	297	iP	x	01 58 06.0	
AJM				x	x	01 58 06.0	
THN	Thein Dam	84.97	303	eP	P	01 58 00.4	+0.5
SIT	Sitka	85.08	31	PFAKE	LR	01 58 10.0	+10
SIT				LR	LR		
NVS	Novosibirsk	85.59	327	iP	P	01 58 00.5	-2.0
NVS				eS	S	02 08 23.3	-1.0
NVS				pmax	pmax		
NVS	comp-Z,88nm,2.0s,mb5.6				pmax	pmax	
NVS	comp-N,39nm,2.2s				pmax	pmax	
NVS	comp-E,50nm,1.8s				pmax	pmax	
NVS					smax	smax	
EGAK	Eagle	85.63	23	eP	P	01 58 02.5	+0.1
EGAK				LR	LR		
KSH	Kashi	86.25	310	iP	P	01 58 08.0	+1.9
KSH				eAP	pP	01 58 12.0	+0.1
KSH				eXP	pP	01 58 15.0	+1.0
KSH				ePP	PP	02 01 32.0	+4.9
KSH				ePPP	PP	02 02 29.3	
KSH				eSKS	SS	02 08 31.2	+1.4
KSH				eS	SS	02 08 42.1	+0.8
KSH				eKS	SS	02 08 51.2	+0.8
KSH				ePS	SS	02 09 46.3	
KSH				AMB	AMB		
KSH	comp-Z,2um,3.8s				LR		
KSH	comp-N,2um,15.3s,MS5.8				LR		
KSH	comp-E,2um,10.4s,MS5.8				LR		
KSH	comp-Z,1um,15.2s,MS5.4				LR		
WRAK	Wrangeli Island	86.41	32	PFAKE	LR	01 58 20.0	+14
WRAK				LR	LR		
ULHL	Ulaho	86.64	313	P	P	01 58 09.2	+1.2
ULHL				SNR=5.9			
KURK	Kurchatov	87.07	322	iP	P	01 58 08.4	-1.4
KURK	Kurchatov	87.07	322	eP	P	01 58 09.0	-0.8
KURK				LR	LR		
KURK	comp-Z,1um,21.0s,MS5.3				LR		
TKM2	Tokmak 2	87.25	314	P	P	01 58 10.6	-0.3
TKM2				pmax	pmax		
TKM2	comp-Z,35nm,1.5s,mb5.4				MLR		
TKM2	comp-Z,673nm,21.0s,MS5.0				MLR		
TKM2	Tokmak 2	87.25	314	eP	P	01 58 10.6	-0.3
TKM2	comp-Z,35nm,1.5s,mb5.4				LR		

TKM2	comp-Z,673nm,21.0s,MS5.0				LR		
TKM2	Tokmak 2	87.25	314	P	P	01 58 11.8	+0.8
TKM2				SNR=7.9			
KZA	Kyzart	87.33	313	P	P	01 58 13.1	+1.8
KZA				SNR=30			
UCH	Uchter	87.89	313	eP	P	01 58 14.6	+0.5
UCH				comp-Z,203nm,2.3s,mb5.0	LR		
UCH	Uchter	87.89	313	P	P	01 58 15.6	+1.6
UCH				SNR=16			
FRU	Bishkek	87.94	313	eP	P	01 58 13.5	-0.7
FRU				pmax	pmax	02 08 59.0	
FRU	comp-Z,68nm,2.2s,mb5.5				MLR		
AAK	Ala-Archa	87.99	313	eP	P	01 58 13.0	-1.5
AAK				MLR	MLR		
MCCM	Marconi Confer	88.11	51	PFAKE	LR	01 58 30.0	+15
MCCM				MLR	LR		
HOPS	Hoplund	88.12	51	PFAKE	LR	01 58 30.0	+15
HOPS				LR	LR		
DLBC	Dease Lake	88.22	31	eP	P	01 58 16.0	+0.9
AML	Almayashu	88.47	313	eP	P	01 58 17.0	+0.3
AML				comp-Z,59nm,1.4s,mb5.6	LR		
AML	comp-Z,911nm,20.0s,MS5.2				P	01 58 17.1	+0.4
AML	Almayashu	88.47	313	P	P	01 58 16.9	-0.1
EKS2	Erkin-Say	88.51	313	eP	P	01 58 18.8	+1.8
EKS2				comp-Z,52nm,1.6s,mb5.6	LR		
EKS2	Erkin-Say	88.51	313	P	P	01 58 18.8	+1.8
EKS2				SNR=3.7			
BHJ	Bhuj	88.69	293	eP	P	01 58 16.3	-1.9
BHJ				Amb	AMB	01 58 24.2	
HUMO	Hull Mountain	88.88	47	eP	P	01 58 20.0	+1.3
HUMO				LR	LR		
YBH	Yreka Blue Hor	88.90	48	eP	P	01 58 18.6	-0.2
YBH				MLR	MLR		
SAO	San Andreas Ge	88.99	53	PFAKE	LR	01 58 30.0	+11
SAO				LR	LR		
COR	Corvallis	89.00	45	PFAKE	LR	01 58 30.0	+11
COR				LR	LR		
NLWA	Neilton Lookou	89.16	42	PFAKE	LR	01 58 30.0	+10
NLWA				LR	LR		
INK	Inukik	89.84	21	eP	P	01 58 22.0	-0.6
SNCC	San Nicolas Is	90.00	57	PFAKE	LR	01 58 40.0	+16
SNCC				LR	LR		
CMB	Columbia Colle	90.03	52	eP	P	01 58 24.1	-0.1
CMB				pmax	pmax		
CMB	comp-Z,26nm,1.7s,mb5.3				MLR		
CMB	Columbia Colle	90.03	52	eP	P	01 58 24.1	-0.1
CMB				LR	LR		
CMB	comp-Z,26nm,1.7s,mb5.3				LR		
MOD	Modoc	90.70	48	PFAKE	LR	01 58 40.0	+13
MOD				LR	LR		
KBL	Kabul	90.83	305	eP	P	01 58 27.9	-0.1
WAKR	Walker	90.84	51	eP	P	01 58 28.5	+0.5
MWC	Mount Wilson	91.34	56	eP	P	01 58 30.6	+0.2
MTUM	Tungsten Hills	91.36	53	eP	P	01 58 30.6	+0.2
NVAR	Niagara Array Bea	91.71	52	eP	P	01 58 32.8	+0.8
NVAR				comp-Z,4.7nm,1.0s,mb4.8,baz=243,slo=3.6,SNR=18			
HAWA	Hanford	91.92	48	PFAKE	LR	01 58 40.0	+7.2
HAWA				LR	LR		
WVOR	Wild Horse Val	92.00	48	eP	P	01 58 33.1	-0.1
WVOR				pmax	pmax		
WVOR	comp-Z,20nm,1.3s,mb5.3				MLR		
WVOR	Wild Horse Val	92.00	48	eP	P	01 58 33.1	-0.1
WVOR				LR	LR		
WVOR	comp-Z,20nm,1.3s,mb5.3				LR		
GSC	Goldstone	92.50	55	eP	P	01 58 35.8	+0.1
GSC				MLR	MLR		
PFO	Pinyon Flat Ob	92.59	57	PFAKE	LR	01 58 50.0	+14
PFO				LR	LR		
BRVK	Borovoye	92.60	323	eP	P	01 58 36.5	+0.7
BRVK				MLR	MLR		







az=149.9

BUJ 01 03:52:20.2, 21.075:68.68W, h114km, mB5.4
CRAAG 01 03:52:20.0, 21.345:68.47W, mB5.4
GCMT 01 03:52:21.0, 21.445:68.80W, h137km, 1km, MW5.5/92,
Moment Tensor Solution. s80,c138; s92,c161;
Duration: 1s3 Moment tensor: Scale 10^17Nm;
Mm-1.30e-03; Mm0.37e-04; Mm0.93e-04; Mm1.01e-02;
Mm0.73e-03; Mm0.97e-03; Best double couple:
Mo1.95800x10^17 NP1:0.156 0.00000, d23.000000,
lambda-73.00000. NP2:0.317 0.00000, d68.00000,
lambda-97.00000. Principal axes: T 2.0080, P1g23.00000,
AzM22.00000; N -0.1020, P1g7.00000, AzM320.00000; P
-1.9080, P1g66.00000, AzM214.00000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s.

IDC 01 03:52:21.1, 21.0, 21.305:68.38W, h121km, 3km, mB5.0/12,
mb1 5.0/18, mb1mx5.0/19, mbtmp4.9/18, mS4.2/10,
M51 4.2/10, m1mx3.9/24 Error ellipse: s-maj=10.1, 1km
s-min=8.9km az=71.0

NEIC 01 03:52:21.1, 21.1, 21.335:68.41W, mB5.4/104, Error ellipse:
s-maj=5.7km s-min=3.7km az=224.0

NEIC Felt [III] at Calama and [II] at Maria Elena. Also felt at
Iquique.

MOS 01 03:52:21.2, 21.1, 21.065:68.43W, h114km, mB5.4/40,
MS4.6/6, Error ellipse: s-maj=9.5km s-min=6.4km az=93.9

LDG 01 03:52:21.0, 21.0, 20.875:68.23W, h140km, mB5.2/27,
MS4.3/9, Error ellipse: s-maj=17.2km s-min=11.1km
az=22.0

ISC 01 03:52:21.3, 21.0, 21.395:003.6848W, 004, h123km,
h123km, 6km; pP, n547, s190/410, mb5.2/126, 8C-5D,
Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NHSC New Hope, COW Cow Castle Cre, GOGA Godfrey, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DBIC Dimbokro, DBIC comp=Z, 26nm, 1.0s, etc.









Table with columns: KIW, WEL, BHW, BHH, CAW, DSZ, NEZ, NEK, PKE, WAZ, MSWZ, PLWZ, MTW, MRZ, PAWZ, VRZ, TRWZ, PKVZ, TSZ, LTZ, WNVZ, FVWZ, BFZ, WRFZ, WVPZ, MOVZ, TUWZ, TWZ, NGZ, WTVZ, WTVZ, OTVZ, KRWZ, HIZ, WPHZ, KATZ, PKZ, BKZ, MOZ, RPZ, MWZ, LBZ, ODZ. Includes station names, times, and phases.

MOS 01 05:35:20.9-1.1, 4572N-151.28E, h43km, mb4.2/2, Error ellipse: s-maj=38.7km s-min=34.1km az=99.0

IDC 01 05:35:25.9-3.8, 4626N-153.10E, h0km, mb3.6/6, mb1 3.8/6, mb1mx3.6/20, mbtmp3.6/6, Error ellipse: s-maj=109.0km s-min=33.3km az=4.0

ISCJB 01 05:35:30.0-3.2, 4641N-153.1E, h33km, mb3.5/6, Error ellipse: s-maj=93.1km s-min=27.4km az=1.0

ISC 01 05:35:31.6-6.2, 4638N-153.1E, h35km, n11, -0832/9, mb3.5/6, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YSS, ERM, TKI, MKAR, YKA, FINES, NOA, AKASG, TXAR.

SOF 01 05:41:13.7, 4030N-2505E, h9km, MD3.8, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KDZ, RZN, MMB, DIM, DIM, DIM, JMB, JMB, PVL.

IDC 01 05:50:51.0-1.5, 3534N-78.47E, h0km, mb3.6/6, mb1 3.7/9, mb1mx3.5/22, mbtmp3.6/9, ML3.2/3, MS3.1/3, Mst1 3.3/1, mst1mx2.4/25, Error ellipse: s-maj=42.4km s-min=22.0km az=49.0

ISCJB 01 05:50:55.7-1.0, 3546N-008.78E-02, h47km, 13km, mb3.4/6, Error ellipse: s-maj=28.0km s-min=5.9km az=151.8

NEIC 01 05:51:16.7-2.0, 3687N-78.60E, h135km, 19km, mb3.9/5, Error ellipse: s-maj=24.4km s-min=13.1km az=141.0

ISC 01 05:50:58.9-0.7, 3554N-006.789E-01, h59km, 11km, n22, -0170/25, mb3.4/6, Eastern Kashmir

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UCH, AML, TKM2, AAK, AAK, EKS2, DANN, DANN, KOLN, GKN, KKN, GUN, JIRN.

Table with columns: MK31, MKAR, MKAR, MKAR, MKAR, BVK, AKTO, SONM, FINES, ARCES, WRA, YKA. Includes station names, times, and phases.

IDC 01 06:14:58.2-3.2, 3005S-138.78E, h0km, mb1 3.0/3, mb1mx3.0/3, mbtmp2.7/3, ML2.6/3, Error ellipse: s-maj=102.3km s-min=15.7km az=47.0, South Australia

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

NEIC 01 06:20:48.3-0.8, 3739N-69.74E, h10km, Error ellipse: s-maj=21.6km s-min=10.9km az=114.0

IDC 01 06:20:48.6-9.3, 3660N-71.48E, h117km, 60km, mb3.4/4, mb1 3.5/5, mb1mx3.1/20, mbtmp3.4/5, Error ellipse: s-maj=80.0km s-min=51.8km az=164.0

ISCJB 01 06:20:50.1-1.2, 3693N-009.709E-02, h113km, 13km, mb3.6/4, Error ellipse: s-maj=31.5km s-min=10.9km az=22.3

ISC 01 06:20:51.2-1.2, 3690N-009.710E-02, h111km, 12km, n11, -0582/13, mb3.6/4, 2C, Hindiu Kuzum

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBL, AML, KK31, AAK, ZALV, FINES, ARCES, NB2, NOA, YKA.

ATH 01 06:35:03.2, 3830N-2028E, h5km, 3km, MD3.5/7

NEIC 01 06:35:03.2, 3830N-2028E, h5km, MD3.5(ATH), After H1

ISCJB 01 06:35:04.2-0.9, 3836N-203.2037E, 0.06, h5km, Error ellipse: s-maj=7.6km s-min=4.2km az=155.2

CSEM 01 06:35:04.0-0.3, 3831N-2033E, h2km, ML3.0, Error ellipse: s-maj=6.2km s-min=2.7km az=54.0

THE 01 06:35:05.1, 3837N-2041E, h7km, ML3.0

ISC 01 06:35:04.6-1.0, 3838N-2042E-038E-007, h4km, 7km, n14, -085/24, 1C, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VLS, VLS, VLS, VLS, VLS, VLS, RLS, IGT, SELA, EVR, KEK, AGG, ITM, THL, THL, VLI.

IDC 01 06:48:00.2-1.1, 1259N-92.55E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.8/21, mbtmp3.8/7, Error ellipse: s-maj=56.6km s-min=17.7km az=57.0

NEIC 01 06:48:04.7-0.8, 1259N-92.59E, h30km, Error ellipse: s-maj=37.8km s-min=13.4km az=55.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR, SONM, AKTO, WRA, WRA, ASAR, GERES, NOA.

ISCJB 01 06:55:50.0-0.7, 2133S-004.6795W-007, h106km, 9km, mb4.6/50, Error ellipse: s-maj=10.7km s-min=6.4km az=155.1

MOS 01 06:55:54.1-4.1, 2129S-67.96W, h140km, mb4.6/9, Error ellipse: s-maj=16.9km s-min=7.0km az=115.0

NEIC 01 06:55:7.0-2.1, 2130S-67.98W, mb4.6/43, Error ellipse: s-maj=9.2km s-min=5.3km az=57.0

IDC 01 06:55:55.0-0.7, 2133S-67.95W, h140km, 6km, mb4.1/13, mb1 4.2/19, mb1mx4.2/21, mbtmp4.1/19, MS2.9/1, Ms1 2.9/1, mst1mx2.6/18, Error ellipse: s-maj=15.8km s-min=9.2km az=74.0

BUI 01 06:55:57.6, 2130S-67.90W, h140km, mb5.1

ISC 01 06:55:51.9-0.9, 2132S-004.6793W-006, h104km, 8km, h142km, 1.2km, pp-P, n168, -0688/141, mb4.6/50, 1C-4D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPAZ, ARE, SIV, CFAA, CPUP, NNA, NNA, TRQA, ATAH, PLCA, PLCA, PLCA, BDFB, ROSC, USHA, JTS, JTS, JTS, SJC, SJC, SJC, TEIG, BRAL, GOGA, SWET, PLAL, ELN, JCT, JCT, VNA3, VNA3, VNA3, VNA1, VNA1, WWT, WWT, UALR, VNA2, VNA2, TXAR, TXAR, SIUC, SNAA, SNAA, SNAA, BLO, FVM, FVM, ACSO, CCM, CCM, MNTX, AMTX, HDIL, KSU1, LAZ, CBKS, ANMO, ANMO, ANMO, ANMO, SDCO, MIVCO, ECDSD, WUAZ, GLA, SMO, PV01, SMCO, PV10, BFO, PFO.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PFO Pinyon Flat Ob, EYMN Ely, SRU San Rafael, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like HABR, MOY Mondy, MAT Matushiro, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BZS Buzias, BURAR Bucovina Array, ISJCJB 01, etc.





Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like CAIG El Cayaco, ACX Acapulco, MEIG Mezcala, MOIG Morelia, PLIG Platanillo, YAIG Yautepec, SZVM Salazar, UNM Universidad Na, PBVM Pinon, ANMO Albuquerque, AMTZ Amarillo, ANMO Albuquerque, MIAR Mount Ida, WUPAT Wupatki, SDCO Great Sand Dun, MVCO Mesa Verde, PLAL Pickwick Lake, PV01 Paradox Valley, CCM Cathedral Cave, ISCO Idaho Springs, NCMR Mina Araya Bay, ULM Lac du Bonnet, ATAH Atahualpa, SCHO Scheferville, YKA Yellowknife Ar, CPUP Villa Florida.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, MKAR Makanchi Array, BNSD Bandar-Abbas, BANOM Banah, KRBR Kerman, ASHO Ashiyah, ASUD Al Ashush, ISRV Sarvestan, IMOK Mouk, IPAR Pars, IBAF Bafgh, IMEH Mehriz, ZHFS Zahedan, BTHS Buths, NASN Na'in, QRN Al-Qurain, HRDS Herds, UMR Umm Al-Rimmam, RDF Al-Radifiah, NAY Al-Naieam, MIB Mubtriah, ISCB 01 11:07:12.0, ATH 01 11:07:12.0, NEIC 01 11:07:12.0, THE 01 11:07:12.0, CSEM 01 11:07:12.0, SOF 01 11:07:16.9, ISCO 01 11:07:12.0, Code Station Name, Δ°, AZ°, Phase ID, Time Res, ISC.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like PTL Penteli, VAY Valandovo, DID Didima, SRS Serrai, TIR Tirane, NVR Nevrokopi, OSH Oshafa e Shtames, MUS Musomiste, VLI Vli, KKB Krupnik, PUK Puka, RZN Rozhen, VIT Vitosha, APE Apeiranthos, TIP Tipigrande, SG1 Sgolgor (BA), SMG Samos, PSZ Piszkesteto, KECS Kecov, VYHS Vyhne, NEIC 01 11:12:08.4, GUC 01 11:12:08.4, Code Station Name, Δ°, AZ°, Phase ID, Time Res, ISC.

1d 11h

Table of station data for 1d 11h, including columns for station name, coordinates, and various parameters like elevation and frequency.

2007 MAY

Table of station data for 2007 MAY, including columns for station name, coordinates, and various parameters like elevation and frequency.

20

Table of station data for 20, including columns for station name, coordinates, and various parameters like elevation and frequency.

ISCJB 01 11:14:43.6:0.5, 385S1N:003:2149E:004, h14km, 5km, Error ellipse: s-maj=6.0km s-min=4.5km az=146.6

Table of station data for 20, including columns for station name, coordinates, and various parameters like elevation and frequency.

CSEM 01 11:14:44.4:0.5, 385S2N:003:2150E:004, h6km, 10km, n12, Error ellipse: s-maj=5.9km s-min=4.8km az=136.0

Table of station data for 20, including columns for station name, coordinates, and various parameters like elevation and frequency.

CSEM 01 11:29:18.7, 3922N:2202E, h26km, MD3.5/11, After ATH NEIC 01 11:29:18.7, 3922N:2202E, h26km, MD3.5(ATH), After ATH

Table of station data for 20, including columns for station name, coordinates, and various parameters like elevation and frequency.

ISCJB 01 11:35:36.9:1.0, 2984N:003:3630E:005, h0km, Error ellipse: s-maj=6.8km s-min=4.7km az=7.7

Table of station data for 20, including columns for station name, coordinates, and various parameters like elevation and frequency.

CSEM 01 11:53:30.8:1.0, 3702N:2448W, h5km, ML3.4, Error ellipse: s-maj=6.5km s-min=4.9km az=69.0, After PDA





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCESS Array B, UMR Umm Al-Rimham, JOF Joensuu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MOX Moxa, MANZ Manzenberg, ROTZ Rotzenmühle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSMN Pico do Norte, CMLA Cha da Macela, URZ Urewhera, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like PBA Port Blair, PBI Prapat, KULM Kulim, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like NEM2 Nemuro 2, NEM2 Nemuro 2, NEM2 Nemuro 2, etc.

ISC/JB 01 17:05:17.2-1.6, 2186N,005E:14320E-008, h9km, 1.0km, mb3.4/5, Error ellipse: s-maj=11.9km, s-min=7.8km, az=172.1

BUJ 01 17:05:18.1, 2176N,14348E, h29km, mb4.9, mb4.7, Ms4.2, Ms3.9

NEIC 01 17:05:19.1-0.3, 2187N,14314E, h10km, mb4.6/10, Error ellipse: s-maj=13.4km, s-min=7.6km, az=77.0

MOS 01 17:05:20.1-1.1, 2187N,14306E, h33km, mb4.8/18, Error ellipse: s-maj=19.0km, s-min=7.3km, az=108.9

ISC 01 17:05:20.2-1.8, 2187N,005E:14324E-008, h16km, 1.1km, h16km, 2.0km, pp-P, n93, 015/12/95, mb4.5/1, MS3.6/13, 6C-3D, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like CBUJ Chichi jima, GUMO Guam, JOW Kunigami, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like CD2 comp=N,120nm,12.4s,MS4.0, CD2 comp=N,150nm,14.2s,MS4.0, etc.

ISC/JB 01 16:49:13.7-1.4, 4293N,008E:1464E-0.1, h51km, 1.0km, mb3.4/5, Error ellipse: s-maj=14.2km, s-min=12.1km, az=31.0

ISC/JB 01 16:49:13.0-0.1, 4290N,14644E, h38km, 2km, Ms3.7, JMA Felt 1 J1

ISC/JB 01 16:49:14.4-0.1, 4295N,007E:1464E-0.1, h43km, 1.1km, n19, 0.84/27, mb3.4/5, Off southeast coast of Hokkaido

2007 MAY

Table with columns: YKA, Yellowknife Ar, 76.28, 28, i, P, P, 17 17 08.1 +0.3. Includes stations like Yellowknife Ar, Resolute Bay, Obninsk, Kislodovsk, etc.

ISCJB 01 17:07:05.0-0.4, 3854N-003-73.3E-008, h127km, 12km, mb4.2/3, Error ellipse: s-maj=10.3km s-min=4.7km az=11.3

NEIC 01 17:07:06.9-1.0, 3862N-73.08E, h122km, 13km, mb4.1/1, Error ellipse: s-maj=23.6km s-min=9.9km az=124.0

BUI 01 17:07:06.9, 3860N-73.10E, h122km, mB4.6, mb4.5

IDC 01 17:07:08.3-7.3, 3876N-73.11E, h18km, 58km, mb3.3/1, mb1.3, 1/6, mb1mx2.9/24, mbtmp3.1/6, MS2.6/1, Ms1 2.6/1, ms1mx2.2/29, Error ellipse: s-maj=61.0km s-min=51.1km az=2

ISC 01 17:07:06.2-0.4, 3855N-003-73.13E-008, h124km, 12km, n35, c095/44, mb4.2/3, 2C-2D, Tajikistan-Xinjiang border region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Kashi, Uchtor, Erkin-Say, etc.

ellipse: s-maj=29.8km s-min=16.5km az=29.0
CSEM 01 17:18:47.0-0.1, 3575N-2756E, h25km, ML4.3, Error ellipse: s-maj=1.5km s-min=1.3km az=72.0

DDA 01 17:18:47.0, 3585N-27.11E, h29km, 2km, MD3.7
ISK 01 17:18:47.0, 3584N-27.39E, h12km, MD3.6

ATH 01 17:18:47.0, 3580N-27.52E, h11km, MD4.0/18, ML4.3
NEIC 01 17:18:47.5, 3577N-27.56E, h15km, mb3.75, ML4.3(ATH), After ATH.

MOS 01 17:18:47.7-2.0, 3587N-27.43E, h22km, mb4.3/2, Error ellipse: s-maj=9.0km s-min=7.1km az=108.8

ISCJB 01 17:18:48.0-0.3, 3576N-002-2750E-002, h32km, 3km, mb4.2/14, Error ellipse: s-maj=2.7km s-min=2.5km az=154.2

THE 01 17:18:52.5, 3579N-27.30E, h19km, ML4.1
HLW 01 17:18:52.3, 3566N-27.67E, h33km, MB3.6

ISC 01 17:18:48.3-0.4, 3581N-001-2747E-002, h17km, 3km, n153, r120/195, mb4.2/14, 8C-7D, Dodecanese Islands

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Karpathos, Arkhangelos, Nisros, etc.

Table with columns: HFRF, Wahat Farafira, 8.67, 175f, eP, Pn, 17 20 53.9 +1.0. Includes stations like EIL, HBST, HKAT, etc.

ISC 01 17:21:51.3-1.3, 2216N-14286E, h0km, mb3.4/5, mb1.3/6, mb1mx3.5/17, mbtmp3.4/5, MS2.6/1, Ms1 2.6/1, ms1mx2.3/22, Error ellipse: s-maj=52.6km s-min=23.2km az=84.0, Volcano Islands region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Kasperke Hory, Montbardon, La Plagne, etc.

ISC 01 17:32:12.0, 4292N-46.44E, h9km, 3km
MOS 01 17:32:12.4-1.1, 4297N-46.65E, h11km, mb3.7/1, Error ellipse: s-maj=17.4km s-min=12.4km az=30.5

ISCJB 01 17:32:13.8-0.5, 4294N-004-4654E-004, h9km, Error ellipse: s-maj=6.3km s-min=3.6km az=8.9

ISC 01 17:32:14.2-0.7, 4295N-005-4653E-005, h4km, 8km, n11, r19/14/19, 2D, Eastern Caucasus

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Korea Array, Songino Array, Warramunga Arr, etc.

IDC 01 17:18:44.4-1.4, 3573N-27.46E, h0km, mb3.9/8, mb1.3/8/12, mb1mx3.6/24, mbtmp3.7/12, ML3.7/4, Error

IDC 01 17:33:48.4-1.4, 4707N-156.20E, h0km, mb4.0/12, mb1.4/1/12, mb1mx3.9/24, mbtmp4.0/12, Error ellipse: s-maj=39.6km s-min=18.4km az=172.0

NEIC 01 17:33:49.4-1.0, 4701N-156.15E, h10km, mb4.3/2, Error ellipse: s-maj=26.9km s-min=11.4km az=181.0

ISCJB 01 17:33:53.0-0.9, 4750N-010-156.2E-01, h33km, mb3.9/16, Error ellipse: s-maj=17.1km s-min=8.6km az=137.2

MOS 01 17:33:59.2-1.3, 4791N-155.94E, h67km, mb4.0/5, Error ellipse: s-maj=20.5km s-min=11.8km az=100.0









1d 19h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Nakatsue, Ulanbaatar, Korea Array, Shenyang, etc.

2007 MAY

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Habr Khabarovsk, Charters Tower, Sverdlorsk, etc.

30

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Vri Vriociaia, PLOZ, KDRZ, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Bornholm Skovb, L'Aquila, Berggiesshubel, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Bad Segeberg, DAVa, KEST, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like BGF, TCF, TCF, etc.

IDC 01 20:26:50.0, 9.2188N, 14295E, h208km, 96km, mb3.0/5, mb1 3.2/5, mb1mx3.0/19, mbtmp3.0/5, Error ellipse: s-maj=53.7km s-min=22.3km az=84.0, Mariana Islands region

1d 23h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARE Arequipa, LA Paz, SIV San Ignacio, BDFB Brasilia, TRQA Torquist, PLCA Paso Flores, JTS JuntasAbangare, DBIC Dibokro, ULM Lac du Bonnet, YKA Yellowknife Ar, ASAR Alice Springs, WRA Warrungarra Arr, MKAR Makanchi Array.

IDC 01 20:51:36.2±1.0, 2590N:9622E, h0km, mb3.8/9, mb1 3.9/9, mb1mx3.7/22, mbtmp3.8/9, MS3.5/1, Ms1 3.5/1, ms1mx2.7/27, Error ellipse: s-maj=50.4km s-min=17.5km az=57.0

ISCJB 01 20:51:37.0±1.5, 2581N:007:9628E:005, h21km±12km, mb4.1/25, Error ellipse: s-maj=11.3km s-min=6.8km az=170.5
NEIC 01 20:51:38.0±1.0, 2614N:9662E, h10km, mb4.1/10, Error ellipse: s-maj=28.3km s-min=12.9km az=51.0
BUJ 01 20:51:38.1, 2601N:9631E, h17km, mb4.6, mb4.0, ML3.4, Ms3.7, Msz3.8
MOS 01 20:51:39.5±1.4, 2597N:9652E, h33km, mb4.3/6, Error ellipse: s-maj=25.5km s-min=9.9km az=115.5
ISC 01 20:51:40.7±1.2, 2581N:007:9623E:004, h31km±10km, n51, f1519/55, mb4.1/25, Myanmar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IMP Imphal, SHL Shillong, KMI Kunming, LSA Lhasa, LSA Lhasa, LSA Lhasa, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, JIRN Jiri, GYA Guiyang, GUN Gumba, PKI Pulchoki, PKIN Pulchoki, KKN Kakani, DMN Daman, GKN Gorkha, DANN Dangsing, KOLN Koldanda, SONM Songoing Array, ULN Ulanbaatar, ULN Ulanbaatar, ULN Ulanbaatar, MK31 Makanchi Array, MKAR Makanchi Array, TKM2 Tokmak 2, UCH Uchter, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AML Almayashu, EKS2 Erkin-Say, KBL Kabil, ZAK Zakamensk, KURK Kurchatov, ZAL Zalesovo, ZAL Zalesovo, RLF Al-Radifah, MIB Mutribah, NAY Al-Naieim, RST Umm Al-Ruwaisa, KIV Kislovodsk, KIV Kislovodsk, OBN Obninsk, OBN Obninsk, AKASG Malin Array Be.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FINES FINES Array B, WRA Warrungarra Arr, WRAB Tennant Creek, WRAB Tennant Creek, ASAR Alice Springs, NB2 NORSAR Subarra, NOA NORSAR Array B.

FUNV 01 21:10:41.5, 1036N:7307W, h128km, MW3.6, 3C-5D, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VIRV Villa del Rosa, VIGV El Vigia, DABV Dabajuro, QARV Quebrada Arrib, CAPV Capacho, SOCV Socops, SOCV Cururiga, CURV Cururiga, SIQV Siquisique, SANV Sanarito, SANV Terepaima, TEPU Tepu, JACV Jacura, ELOV Elorza, TURV Turiamo, BAUV El Baul, FUNV FUNVISIS, BIRV Birongo, MERV Mercedes, MERV Isla La Orchil, CUPV Cepiria, CAOV Caicara del Or, PAVO Puerto La Cruz, IBAV Isla La Blanqu.

NEIC 01 21:15:55.9±1.6, 346S:14588E, h10km, mb4.2/4, Error ellipse: s-maj=46.6km s-min=13.1km az=104.0
IDC 01 21:15:55.5±4.8, 340S:14561E, h0km, mb3.8/4, mb4.1/15, mb1mx3.8/14, mbtmp3.9/5, ML3.7/1, MS3.3/4, Ms1 3.3/4, ms1mx3.1/19, Error ellipse: s-maj=156.1km s-min=25.0km az=101.0
ISCJB 01 21:15:57.4±2.2, 355S:02:1459E:04, h33km, mb3.9/5, MS3.4/3, Error ellipse: s-maj=60.0km s-min=17.5km az=14.2
ISC 01 21:15:58.9±2.3, 36S:02:1460E:04, h35km, n13, f059/10, mb3.9/5, MS3.4/3, Near north coast of New Guinea

ISC 01 21:15:58.9±2.3, 36S:02:1460E:04, h35km, n13, f059/10, mb3.9/5, MS3.4/3, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, KAKA Kakadu, WRAB Tennant Creek, WB2 Warrungarra Arr, WRA Warrungarra Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, STKA Stephens Creek, KRSR Korea Array, URZ Urewera, MKAR Makanchi Array, ZALV Zalesovo Beam.

NEIC 01 21:28:22.9±1.4, 1785S:17825W, h554km±15km, Error ellipse: s-maj=60.5km s-min=16.4km az=157.0
ISCJB 01 21:28:24.9±1.7, 179S:05:1783W:03, h598km±25km, mb3.6/5, Error ellipse: s-maj=76.7km s-min=20.9km az=154.6
IDC 01 21:28:27.2±6.0, 1817S:17830W, h609km±65km, mb3.0/5, mb1 3.2/5, mb1mx3.0/15, mbtmp3.0/5, Error ellipse: s-maj=52.1km s-min=32.1km az=145.0
ISC 01 21:28:29.1±1.6, 180S:04:1782W:03, h573km±22km, n13, f1517/7, mb3.6/5, 1D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFI Afiamalu, CTA Charter Tower, WRA Warrungarra Arr, WRA Warrungarra Arr, ASAR Alice Springs, ASAR Alice Springs, MJAR Matsushiro Arr, TXAR Lajitas Array, ARCES ARCES Array B, FINES FINES Array B, AKASG Malin Array Be, AKASG Malin Array Be, CLL Collm, VYHS Yhine, GERES GERES Array B.

NEIC 01 21:43:17.7±0.9, 008N:9786E, h30km Error ellipse: s-maj=29.9km s-min=13.0km az=67.0
IDC 01 21:43:17.2±1.7, 008N:9790E, h24km±6km, mb3.7/5, mb1 3.8/6, mb1mx3.5/20, mbtmp3.6/7, ML2.7/1, Error ellipse: s-maj=65.1km s-min=16.6km az=59.0, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSI Prapat, WRA Warrungarra Arr, WRA Warrungarra Arr.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, SONM Songoing Array, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, TXAR Lajitas Array.

IDC 01 21:57:05.6±1.6, 846S:15773E, h0km, mb4.0/4, mb1 4.2/5, mb1mx3.9/14, mbtmp4.1/5, ML4.1/1, 1D, Error ellipse: s-maj=37.0km s-min=22.6km az=8.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR Honiara, HNR Honiara, WB2 Warrungarra Arr, WRA Warrungarra Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array.

KRSC 01 22:14:47.1±0.8, 5397N:15975E, h124km±26km, ML3.5, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KIL Karymskiy, NLC Nalytchevo, SPN Mys Shipunski, AVH Avacha, GNAL Ganaly, PET Petropavlovsk, MKZ Mys Kozlova, TUMR Tumrok, RUS Russkaya, MIPR Malaya Ipe'ka, KBR Krutoberegovo, KBR Krutoberegovo.

DDA 01 22:53:30.8, 3833N:3932E, h7km, 10km, MD3.5
ISB 01 22:53:30.9, 3840N:3922E, h5km, MD3.6
ISCJB 01 22:53:31.6±0.5, 3838N:003:3924E:003, h2km, 5km, Error ellipse: s-maj=4.9km s-min=3.5km az=161.8
CSEM 01 22:53:31.3±0.1, 3840N:3920E, h2km, MD3.6, Error ellipse: s-maj=1.4km s-min=1.0km az=163.0
ISC 01 22:53:32.1±0.5, 3838N:003:3924E:003, h2km±4km, n30, f1513/38, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SVRC Sivrice-ELAZID, ELZG Elazig, ELZG Elazig, PTK Pertek, MALT Malatya, MYA Malatya, DIY Diyarbakir, URFA Urfa, KEAM Kemaliye, BINT Bingol, ATAB Ataba, EZC Erzincan, BINGL BINGOL, MARD Mardin, MARD Mardin, GZT Gaziantep, GZT Gaziantep, BTMT Batman, GAZ Gaziantep, GUMT Gumushane, EZM Erzurum, SVSK Karacayir, ESPY Espiye-Giresun, BNN Bnyan, TOKZ Kozan, TOKZ Tokat, AGRB Hanur-Agry, VAN Van, VANB Van, HTY Hattush, KARA Karaisalı, CUKT Kucurca, HKR Hakkeri.

IDC 01 23:05:44.2±6.7, 2034S:17837W, h466km±75km, mb3.0/5, mb3.3/6, mb1mx3.2/14, mbtmp3.1/6, Error ellipse: s-maj=35.3km s-min=23.8km az=21.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, STKA Stephens Creek, ASAR Alice Springs, WRA Warrungarra Arr, VNSA Vanda, NVAR Nina Array Be, AKASG Malin Array Be, GERES GERES Array B.

IDC 01 23:08:58.2±1.2, 529N:9423E, h0km, mb3.9/8, mb1 4.0/9, mb1mx3.8/21, mbtmp3.9/9, ML3.5/1, Error ellipse: s-maj=54.2km s-min=17.7km az=51.0
ISCJB 01 23:09:03.2±1.9, 530N:007:9447E:008, h46km±18km, mb4.2/19, Error ellipse: s-maj=14.8km s-min=8.8km az=146.1
NEIC 01 23:09:04.1±1.1, 529N:9436E, h39km±11km, mb4.1/6, Error ellipse: s-maj=10.6km s-min=6.1km az=63.0
ISC 01 23:09:04.5±1.7, 530N:007:9447E:008, h42km±17km, n33, f0561/34, mb4.2/19, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSI Prapat, KULM Kulim, KULM Kulim, CCO West Island.









2d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like BRVK Borovoye, BOD Bodaibo, AKTK Aktyubinsk, etc.

ISC 02 02:02:12.0, 0.0, 2075N, 103.09E, h0km, mb4.2/15, mb1.4/3/16, mb1mx4.2/24, mbtmp4.2/16, ML4.1/1, MS3.6/5, Ms1.3/6/5, ms1mx3.2/27, Error ellipse: s-maj=29.4km s-min=13.5km az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like DBV Dienbien, SLVN Son La, Ba Vi, Hanoi, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like NJ2, PSI, GTA, KKM, BJT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like KRBR Kerman, BANOM Banah, IMOK Mouk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like SNAA Sanae, TROA Torquait, PLCA Paso Flores, etc.

Table with columns: LPAZ, La Paz, YKA, INK, SONM, TRN, ISCJB, etc. Includes station names, coordinates, and various parameters like frequency and power.

Table with columns: TXAR, NOA, ASAR, MOS, KRSC, etc. Includes station names, coordinates, and various parameters like frequency and power.

Table with columns: comp=, ISCJB, IDC, NEIC, etc. Includes station names, coordinates, and various parameters like frequency and power.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes station names and various parameters.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes station names and various parameters.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes station names and various parameters.



MEX 02 05:29:52.0.4, 1621N-9813W, h4km,4km, MD3.9, Near coast of Guerrero

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

IDC 02 05:34:19.4.1.9, 594N-12326E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.6/19, mbtmp3.8/4, Error ellipse: s-maj=143.4km s-min=24.3km az=66.0, Mindanao

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, WB2 Warramunga Arr, etc.

IDC 02 05:38:58.3.2.0, 3138N-137.07E, h0km, mb3.5/2, mb1 3.6/3, mb1mx3.2/20, mbtmp3.4/3, ML3.2/1, MS3.8/1, M1 3.8/1, ms1mx2.5/22, Error ellipse: s-maj=69.5km s-min=30.7km az=83.0

ISCJB 02 05:39:14.6.1.8, 322N-02:1389E.02, h227km, 20km, mb3.0/2, Error ellipse: s-maj=37.0km s-min=22.9km az=143.4

JMA 02 05:39:15.1.0.3, 3339N-137.49E, h378km, M3.5

ISC 02 05:39:15.7.1.7, 322N-02:1389E.02, h220km, 20km, n10, o85/10, mb3.0/2, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JWZ Kozaga, JRY Ryogami san, JYT Yasato, etc.

ISCJB 02 05:48:47.6.1.5, 2155N-009:143.1E.02, h308km, 12km, mb3.6/16, Error ellipse: s-maj=23.2km s-min=13.8km az=3.7

IDC 02 05:48:48.3.1.8, 2160N-143.03E, h297km, 17km, mb3.2/11, mb1 3.4/12, mb1mx3.3/20, mbtmp3.3/12, Error ellipse: s-maj=21.5km s-min=11.6km az=90.0

NEIC 02 05:48:53.8.1.8, 2156N-142.94E, h356km, 18km, mb3.8/4, Error ellipse: s-maj=13.9km s-min=8.3km az=92.0

ISC 02 05:48:48.4.1.5, 2157N-009:143.1E.02, h302km, 12km, n27, o82/24, mb3.6/16, Mariana Islands region

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

IDC 02 07:28:19.0.5.7, 724S-15573E, h0km, mb3.7/4, mb1 3.8/4, mb1mx3.7/12, mbtmp3.7/4, Error ellipse: s-maj=168.5km s-min=32.4km az=112.0, Bougainville - Solomon Islands region

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

IDC 02 06:48:09.5.1.2, 723S-15551E, h0km, mb3.7/5, mb1 3.9/6, mb1mx3.8/4, mbtmp3.8/4, Error ellipse: s-maj=29.5km s-min=25.7km az=164.0, Bougainville - Solomon Islands region

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

ISCJB 02 07:08:19.5.0.3, 5465N-003:1942E.006, h5km, mb3.4/2, Error ellipse: s-maj=5.5km s-min=3.2km az=41.6  
NEIC 02 07:08:22.7.0.5, 5461N-1924E, h5km, Error ellipse: s-maj=10.1km s-min=6.2km az=114.0  
IDC 02 07:08:23.4.0.7, 5455N-1927E, h0km, mb3.4/2, mb1 3.7/9, mb1mx3.5/24, mbtmp3.5/9, ML3.6/7, Error ellipse: s-maj=11.5km s-min=7.7km az=65.0  
NAO 02 07:08:25.7.3.0, 5474N-1932E, ML3.1  
CSEM 02 07:08:26.3.0.1, 5467N-1835E, h2km, ML3.1, Error ellipse: s-maj=3.4km s-min=2.6km az=110.0  
PRU 02 07:08:42.7.5322N-1843E, h0km  
ISC 02 07:08:21.7.1.0, 5458N-003:1934E.006, h3km, 7km, n29, o156/50, mb3.4/2, Poland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IGIN Ingalina, IZAR Zarzas, IDID Dziriasalis, etc.

IDC 02 07:50:54.1.0.9, 2194N-143.16E, h0km, mb3.8/7, mb1 4.0/8, mb1mx3.9/18, mbtmp3.9/8, ML3.5/1, Error ellipse: s-maj=34.8km s-min=19.1km az=86.0

ISCJB 02 07:50:57.5.3.1, 2190N-143.1E.02, h33km, 20km, mb3.8/7, Error ellipse: s-maj=37.1km s-min=18.9km az=176.2

ISC 02 07:50:59.8.2.8, 2191N-01:143.1E.02, h38km, 25km, n9, o94/10, mb3.8/7, Mariana Islands region

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

IDC 02 07:50:54.1.0.9, 2194N-143.16E, h0km, mb3.8/7, mb1 4.0/8, mb1mx3.9/18, mbtmp3.9/8, ML3.5/1, Error ellipse: s-maj=34.8km s-min=19.1km az=86.0

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like COCH Cobquecura, COCH Cobquecura, NICH Los Niches, etc.

ROM 02 08:14:45.2.0.5, 4349N-1428E, h10km, Md2.6/8, M2.4/5, Error ellipse: s-maj=5.6km s-min=2.8km az=123.0

CSEM 02 08:14:46.1.0.1, 4339N-141.0E, h10km, MD2.6/8, Error ellipse: s-maj=2.6km s-min=2.0km az=107.0

ISCJB 02 08:14:47.3.0.9, 4337N-004:14.13E.008, h7km, 19km, Error ellipse: s-maj=9.5km s-min=6.0km az=14.9

ISC 02 08:14:48.4.0.8, 4337N-004:14.07E.008, h19km, 13km, n9, o115/14, Adriatic Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AOI Ancona, CING Cingoli, SNTG Esanatoglia, etc.

ATH 02 08:29:56.9, 3750N-2089E, h19km, 1km, MD3.6/4

NEIC 02 08:29:56.9, 3750N-2089E, h19km, MD3.6(ATH), After ATH

ISCJB 02 08:29:57.8.1.0, 3748N-005:2089E.008, h31km, 7km, Error ellipse: s-maj=12.0km s-min=5.8km az=141.7

CSEM 02 08:29:57.2.0.2, 3745N-2091E, h2km, ML3.3, Error ellipse: s-maj=4.9km s-min=2.2km az=46.0

THE 02 08:29:57.2, 3745N-2090E, h3km, ML3.3

ISC 02 08:29:57.8.1.0, 3748N-005:2089E.008, h29km, 7km, n14, o120/22, Ionian Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KFL Anninata, VLS Valsamata, VLS Valsamata, etc.

ATH 02 08:57:00.5, 3758N-1960E, h8km, 5km, MD3.7/5

NEIC 02 08:57:00.5, 3758N-1960E, h8km, MD3.7(ATH), After ATH

THE 02 08:57:00.6, 3774N-1951E, h3km, ML3.6

CSEM 02 08:57:03.0.0.4, 3768N-1961E, h2km, ML3.6, Error ellipse: s-maj=8.5km s-min=4.9km az=178.0

ISC 02 08:56:58.1.2.5, 376N-01:195E.01, h2km, 12km, n8, o875/14, 1C, Ionian Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like VLS Valsamata, VLS Valsamata, KFL Anninata, etc.

IDC 02 09:08:21.9.0.7, 1331N-9323E, h0km, mb4.1/12, mb1 4.3/12, mb1mx4.1/21, mbtmp4.1/12, MS3.5/9, M1 3.9/9, ms1mx3.3/28, Error ellipse: s-maj=30.1km s-min=15.2km az=58.0



ISCJB 02 09:08:22.1-0.6, 1321N-008-9266E-007, h33km, mb4, 1/13, MS3.5/8, Error ellipse: s-maj=14.0km s-min=6.6km az=41.0

NEIC 02 09:08:33.3-2.0, 1334N-9336E, h93km, 18km, mb4.5/1, Error ellipse: s-maj=19.1km s-min=11.5km az=221.0

BUII 02 09:08:43.1, 1419N-9378E, h93km, mb4.0

ISC 02 09:08:24.4-3.4, 1332N-008-9271E-006, h34km, 26km, n40, r140/35, mb4.1/13, MS3.5/8, 1C, Andaman Islands region

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

IDC 02 09:17:31.9-2.2, 5352N-16054E, h0km, mb3 4/4, mb1 3.7/4, mb1mx3.4/21, mbtrmp3.4/4, Error ellipse: s-maj=166.1km s-min=26.5km az=131.0

MOS 02 09:17:39.9-1.3, 5396N-16006E, h79km, mb4.2/1, Error ellipse: s-maj=26.9km s-min=10.9km az=75.5

ISCJB 02 09:17:40.6-0.5, 5376N-004-16039E-009, h79km, 5km, mb3 4/5, Error ellipse: s-maj=10.5km s-min=4.6km az=37.0

KRSC 02 09:17:41.3-0.6, 5377N-16038E, h62km, 5.1km, ML4.0

ISC 02 09:17:41.6-0.5, 5375N-004-16039E-009, h73km, 5km, m23, r0849/35, mb3.4/5, 1C, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations in the Kamchatka Peninsula region.

Table with columns: BILL, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like HIA, TLY, YKA, TXAR, WRA, ASAR.

CSEM 02 09:29:53.3, 4347N-4575E, h8km, mb3.9, After OBN

MOS 02 09:29:53.3-1.3, 4347N-4575E, h8km, mb3.9/1, 1C, Error ellipse: s-maj=10.8km s-min=7.5km az=0.0, Eastern Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations in the Caucasus region.

NEIC 02 09:31:51.1, 3851S-17591E, h156km, MG3.7(WEL), After WEL

WEL 02 09:31:51.0-0.6, 3850S-17592E, h157km, 4km, ML3.7/15, After West Tongaroro: s-maj=3.5km s-min=2.4km az=0.0, North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations in the West Tongaroro region.

NEIC 02 09:34:58.6, 1873N-6405W, h12km, MD3.5(RSPR), After RSPR

RSPR 02 09:34:58.6, 1873N-6405W, h12km, 1km, MD3.5/7, MD3.5/7, 10C, Virgin Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations in the Virgin Islands region.

Table with columns: TBVI, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Saint Thomas, Col San Antoni, Cerrillos, Arecibo Observ, Lares, Las Mesas, Cabo Rojo, PR.

IDC 02 10:06:18.0-6.4, 790S-12936E, h128km, 68km, mb3.4/1, mb1 3.5/5, mb1mx3.3/15, mbtrmp3.4/4, Error ellipse: s-maj=56.8km s-min=20.0km az=39.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations in the Banda Sea region.

CSEM 02 10:16:38.4, 1198N-4493E, h13km, ML3.9, After DHMR

DHMR 02 10:16:38.4-1.1, 1198N-4493E, h14km, 4km, ML3.9, 2C-3D, Western Gulf of Aden

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations in the Western Gulf of Aden region.

ATH 02 10:19:29.6, 3501N-2812E, h26km, 4km, MD3.4/3

CSEM 02 10:19:29.6, 3501N-2812E, h26km, MD3.4/3, After ATH

ISCJB 02 10:19:30.2-2.4, 3501N-01-2811E-010, h26km, 15km, Error ellipse: s-maj=21.8km s-min=12.8km az=167.4

ISC 02 10:19:30.2-2.6, 3501N-01-2809E-010, h21km, 17km, n6, r089/8, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations in the Eastern Mediterranean Sea region.

ROM 02 10:20:58.7-0.6, 4336N-1467E, h10km, Md2.5/7, Md2.2/5, Error ellipse: s-maj=6.1km s-min=6.1km az=150.0

CSEM 02 10:21:03.2-0.2, 4325N-1424E, h12km, MD2.5/7, Error ellipse: s-maj=5.1km s-min=2.2km az=127.0, Adriatic Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations in the Adriatic Sea region.

ISCJB 02 10:27:27.9-0.6, 3971N-004-3525E-005, h8km, Error ellipse: s-maj=6.7km s-min=4.8km az=137.9

CSEM 02 10:27:27.6-0.1, 3965N-3538E, h8km, MD3.1, Error ellipse: s-maj=2.5km s-min=2.3km az=39.0

ISK 02 10:27:27.5, 3971N-3532E, h8km, MD2.7

DDA 02 10:27:29.4, 3969N-3512E, h7km, 4km, MD3.1

ISC 02 10:27:28.2-0.7, 3969N-004-3527E-006, h5km, 5km, n10, r150/15, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations in the Turkey region.

NEIC 02 11:04:50.9-0.4, 698S-15488E, h10km, mb4.7/10, Error ellipse: s-maj=14.7km s-min=9.1km az=134.0

BUII 02 11:04:54.4, 669S-15431E, h10km, mb5.0, mb4.9

ISCJB 02 11:04:57.0-2.9, 73S-02-1550E-01, h75km, 30km, mb4.4/19, Error ellipse: s-maj=29.1km s-min=11.4km az=149.4

IDC 02 11:04:57.2-5.3, 722S-15493E, h60km, 53km, mb4.0/8, Error ellipse: s-maj=14.7km s-min=9.1km az=134.0



KMI	comp=Z,316nm,19.4s,MS4.5	LR	LR						
CHRT	Chiangrai 63.74 297	UP	P	11 33 06.0	+1.2				
CHG	Chiang Mai 64.11 296	UP	P	11 33 08.3	+1.0				
CHTO	Chiang Mai 64.11 296	eP	P	11 33 08.2	+0.9				
CD2	Chengdu 65.03 310	AP	P	11 33 12.6	-0.4				
CD2		XP	PP	11 33 17.3	+3.4				
CD2		XP	PP	11 33 19.8	+5.6				
CD2		PP	PP	11 35 38.2	+2.0				
CD2		S	S	11 41 53.7	-2.6				
CD2		XS	sS	11 42 01.5	+3.9				
CD2		SS	SS	11 46 08.0	-0.5				
CD2	comp=Z,40nm,1.0s,mb5.4	AMB	AMB						
CD2	comp=Z,120nm,5.8s	AMB	AMB						
CD2	comp=N,270nm,26.4s,MS4.7	LR	LR						
CD2	comp=E,530nm,22.8s,MS4.7	LR	LR						
CD2	comp=Z,259nm,21.0s,MS4.5	LR	LR						
HHC	Hu-ho-hao-te 65.13 323	eP	P	11 33 15.5	+2.0				
HHC		AP	pP	11 33 20.2	+5.9				
HHC		XP	sP	11 33 22.5	+7.9				
HHC		PCP	pP	11 33 46.9	+0.9				
HHC		PP	PP	11 35 41.6	+4.7				
HHC		SCOP	S	11 37 48.0	+0.7				
HHC		XS	sS	11 41 57.9	+0.7				
HHC		SCS	S	11 42 06.3	+7.8				
HHC		AMB	AMB	11 43 06.6	-3.1				
HHC	comp=Z,46nm,1.2s,mb5.4	AMB	AMB						
HHC	comp=Z,308nm,5.2s	LR	LR						
HHC	comp=N,624nm,17.5s	LR	LR						
HHC	comp=E,393nm,12.4s	LR	LR						
HHC	comp=Z,555nm,17.5s,MS4.8	LR	LR						
RKT	Rikitee 65.77 111	eLQ		11 49 49.2					
RKT	comp=Z,540nm,31.8s	eLR	LR	11 52 39.9					
HIA	Hailar 66.69 334	eP	P	11 33 24.1	+0.7				
HIA	Hailar 66.69 334	eP	P	11 33 25.3	+1.9				
LZH	Lanzhou 67.48 315	eP	P	11 33 29.7	+1.0				
LZH		AP	pP	11 33 34.5	+5.0				
LZH		XP	PP	11 33 36.8	+7.0				
LZH		PP	PP	11 36 01.5	+3.9				
LZH		eS	S	11 42 25.0	0.0				
LZH		XS	sS	11 42 33.6	+6.3				
LZH		PS	AMB	11 42 51.8					
LZH	comp=Z,25nm,1.5s,mb5.0	AMB	AMB						
LZH	comp=Z,132nm,8.2s	LR	LR						
LZH	comp=E,537nm,16.5s	LR	LR						
LZH	comp=Z,845nm,18.8s,MS5.0	LR	LR						
MA2	Magadan 68.36 356	eP	P	11 33 31.4	-2.3				
MA2		eS	S	11 42 29.4	-6.1				
MA2		ePS	P	11 43 00.0					
MA2		e	pmx	11 43 31.9					
MA2	comp=Z,50nm,1.2s,mb5.4	eP	P	11 33 32.6	-1.1				
MA2	Magadan 68.36 356	eP	P	11 33 32.6	-1.1				
VNDA	Vanda 68.74 179	LR	LR	11 59 57.2					
CLNS	Chul'man 70.75 342	eP	P	11 33 48.4	-0.1				
CLNS	comp=Z,26nm,1.0s,mb5.1	pmx	pmx						
CLNS	comp=N,11nm,0.8s	pmx	pmx						
CLNS	comp=E,12nm,0.9s	pmx	pmx						
SEY	Seymour 71.62 357	eP	P	11 33 53.4	-0.3				
GTA	Gaotai 71.89 316	eP	P	11 33 56.7	+0.9				
GTA		AP	pP	11 34 00.2	+3.6				
GTA		XP	sP	11 34 03.6	+6.7				
GTA		PP	PP	11 36 38.3	+2.7				
GTA		S	S	11 43 16.8	-0.9				
GTA		XS	sS	11 43 24.8	+5.7				
GTA		SKS	S	11 43 56.9					
GTA		SCS	ScS	11 43 59.1	-3.6				
GTA		AMB	AMB						
GTA	comp=Z,9.0nm,0.8s,mb4.8	AMB	AMB						
GTA	comp=Z,129nm,5.7s	LR	LR						
GTA	comp=N,186nm,18.7s,MS4.7	LR	LR						
GTA	comp=E,300nm,19.5s,MS4.7	LR	LR						
GTA	comp=Z,188nm,19.1s,MS4.4	LR	LR						
ULN	Ulanbaatar 71.96 327	eP	P	11 33 57.0	+0.9				
ULN	comp=Z,10.0nm,1.1s,mb4.7	pmx	pmx						
ULN	Ulanbaatar 71.96 327	eP	P	11 33 57.0	+0.9				
ULN	comp=Z,10nm,1.1s,mb4.7	pmx	pmx						
SONM	Songino Array 72.30 326	P	P	11 33 58.9	+0.8				
SHL	Shillong 72.53 300	eP	P	11 34 01.0	+1.1				
YAK	Yakutsk 73.89 347	eP	P	11 34 06.5	-0.7				
YAK		ePP	pP	11 34 15.3	+7.3				
YAK		e	P	11 34 23.1					
YAK		e	P	11 34 49.5					
YAK		ePPP	P	11 38 36.9					
YAK		eS	S	11 43 38.2	-1.4				
YAK		e	P	11 44 11.4					
YAK	comp=Z,48nm,0.8s,mb5.5	pmx	pmx						
YAK	comp=N,12nm,1.4s	pmx	pmx						
YAK	comp=E,10.0nm,1.6s	pmx	pmx						
YAK	comp=Z,22nm,1.8s,mb4.8	pmx	pmx						
YAK	comp=N,13nm,1.9s	pmx	pmx						
YAK	comp=E,26nm,2.4s	smx	smx						
YAK	comp=E,26nm,2.8s	smx	smx						
YAK	comp=N,18nm,2.0s	smx	smx						
YAK	Yakutsk 73.89 347	eP	P	11 34 06.6	-0.6				
BOD	Bodaibo 75.28 338	eP	P	11 34 14.3	-1.0				
BOD	comp=Z,12nm,1.4s,mb4.6	pmx	pmx						
ZAK	Zakamensk 75.44 327	eP	P	11 34 16.3	-0.1				
ZAK	comp=Z,4.0nm,1.0s,mb4.3	pmx	pmx						
TLY	Talaya 75.98 329	eP	P	11 34 19.1	-0.4				
TLY	comp=Z,7.0nm,0.9s,mb4.6	pmx	pmx						
TLY	Talaya 75.98 329	eP	P	11 34 23.2	+3.7				
GAMB	Gambell 75.99 13	eP	P	11 34 19.1	-0.2				
BILL	Bilibino 76.88 3	eP	P	11 34 23.6	-0.6				
BILL	comp=Z,21nm,1.3s,mb4.7	pmx	pmx						
BILL	Bilibino 76.88 3	eP	P	11 34 23.6	-0.6				
BILL	comp=Z,77nm,1.2s,mb5.5	pmx	pmx						
BILL	comp=Z,600nm,21.0s,MS4.9	MLR	MLR						
BILL	Bilibino 76.88 3	eP	P	11 34 22.8	-1.4				
TNA	Tin City 76.37 14	eP	P	11 34 32.5	-0.1				
PALK	Pallekete 76.40 279	eP	P	11 34 35.3	+1.4				
PALK	comp=Z,22nm,1.0s,mb5.0	pmx	pmx						
SVW2	Sparvevohn 78.65 21	eP	P	11 34 34.0	-0.3				
TTA	Tatalina 79.76 20	eP	P	11 34 39.9	-0.4				
QSPA	South Pole Qui 81.20 180	eP	P	11 34 47.1	-0.8				
QSPA	comp=Z,8.0nm,0.9s,mb4.7	pmx	pmx						
PMR	Palmer 81.36 23	eP	P	11 34 48.0	-0.9				
SML	Sawmill 81.79 23	eP	P	11 34 51.5	+0.3				
WMQ	Urumqi 81.97 317	eP	P	11 34 53.0	+0.4				
WMQ		XP	sP	11 35 00.0	+6.3				

WMQ		PP	PP	11 38 03.0	+2.7				
WMQ		S	S	11 45 06.0	-1.6				
WMQ		SKS	AMB	11 45 10.0					
WMQ	comp=Z,24nm,1.2s,mb5.0	AMB	AMB						
WMQ	comp=Z,142nm,6.0s	LR	LR						
WMQ	comp=N,187nm,20.0s,MS4.6	LR	LR						
WMQ	comp=E,216nm,20.0s,MS4.6	LR	LR						
WMQ	comp=Z,259nm,21.0s,MS4.6	LR	LR						
TIXI	Tiksi 82.51 351	eP	P	11 34 53.7	-1.1				
TIXI	comp=Z,21nm,1.5s,mb5.0	pmx	pmx						
TIXI	comp=Z,618nm,18.0s,MS5.0	MLR	MLR						
TIXI	Tiksi 82.51 351	eP	P	11 34 53.6	-1.2				
TIXI	comp=Z,29nm,1.5s,mb5.1	eP	P	11 34 54.9	-0.6				
IMA2	Indian Mountai 82.64 18	eP	P	11 34 54.9	-0.6				
MCK	McKinley 82.72 21	eP	P	11 34 55.1	-0.9				
MCK		pmx	pmx						
MCK	comp=Z,52nm,1.0s,mb5.5	eP	P	11 34 55.1	-1.0				
MCK	McKinley 82.72 21	eP	P	11 34 55.1	-1.0				
COLA	College 83.78 20	eP	P	11 34 59.7	-1.8				
COLA	College 83.78 20	eP	P	11 34 59.7	-2.0				
COLA	comp=Z,18nm,0.7s,mb5.3	eP	P	11 35 15.0	-0.7				
MAW	Mawson 83.79 203	LR	LR	12 09 47.5					
MAW	comp=Z,450nm,18.3s,MS4.9,baz=303,slow=34	LR	LR						
MENT	Mentasta 84.21 23	eP	P	11 35 03.5	-0.2				
NDI	New Delhi 85.94 300	eP	P	11 35 11.0	-2.2				
EAGL	Eagle 86.13 22	eP	P	11 35 13.0	-0.3				
SKAG	Skagway 86.15 28	eP	P	11 35 13.2	-0.3				
SKAG	comp=Z,29nm,1.4s,mb5.3	eP	P	11 35 15.1	-0.6				
DAWY	Dawson 86.45 23	eP	P	11 35 15.4	+0.5				
MK31	Makanchi Array 86.53 318	eP	P	11 35 15.0	-0.7				
MKAR	Makanchi Array 86.53 318	eP	P	11 35 15.1	-0.6				
ZALV	Zalesovo Beam 87.17 326	P	P	11 35 17.6	-1.1				
ZALV	comp=Z,0.8nm,0.3s,mb4.4,baz=125,slow=7.2,SNR=5.3	P	P						
ZAL	Zalesovo 87.18 326	eP	P	11 35 17.6	-1.1				
BNLO	Ben Lomond (Sa 87.44 32	eP	P	11 35 20.6	+0.2				
GASB	Alder Springs 87.49 4	UP	P	11 35 21.4	+0.3				
GASB	comp=Z,29nm,1.4s,mb5.3	UP	P						
MNRC	McLaughlin Nat 87.63 50	UP	P	11 35 21.2	-0.1				
MNRC	comp=Z,29nm,1.4s,mb5.3	UP	P						
O02C	Red Bluff 87.67 49	UP	P	11 35 21.0	-0.4				
O02C	comp=Z,29nm,1.4s,mb5.3	UP	P						
HAST	Hastings Reser 87.77 53	UP	P	11 35 21.0	-0.9				
PACP	Pacheco Peak 88.11 52	UP	P	11 35 23.4	-0.2				
PACP	comp=Z,29nm,1.4s,mb5.3	UP	P						
S04C	Ingram Canyon, 88.18 52	UP	P	11 35 23.7	-0.2				
S04C	comp=Z,29nm,1.4s,mb5.3	UP	P						
SUTB	Sutter Butte 88.21 50	UP	P	11 35 23.4	-0.6				
SUTB	comp=Z,29nm,1.4s,mb5.3	UP	P						
NVS	Novosibirsk 88.33 326	eP	P	11 35 32.5	+8.3				
U04C	Hernandez Rese 88.37 53	UP	P	11 35 25.0	+0.1				
U04C	comp=Z,29nm,1.								



Table with columns: WMO, comp, E, 21nm, 18.0s, MS4.7, LR, LR, comp=Z, 327nm, 18.0s, MS4.7, Tiksi, 82.49 351 eP, pmax, 11 53 22.0 -1.8, etc.

NIED 02 11:44:00.3730N:13670E, h5km, Mw4.3 Best double couple: M3.68000:1015 NP1.3203.00000: 871.00000\*, 1.63.00000\*: NP2.380.00000: 833.00000\*, 1.142.00000\*, BUJ 02 11:44:36.6, 37.34N:13698E, h12km, mb4.9, Ms4.4, Ms4.3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, h, m, s, ISC, Time Res, JHH, Hakui, 0.37 17Z Op P, 11 44 46.3 +0.5, etc.

Table with columns: HABR, KLR, Kuf'dur, 12.48 345 eP, Pn, 11 49 27.7, etc.

Table with columns: NOA, NORSAR Array B, 72.47 335 P, P, 11 56 04.9 -0.7, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, h, m, s, ISC, Time Res, LPAZ, La Paz, 3.65 9 Op P, 11 46 25.4 +0.8, etc.

MAN 02 11:46:36, 999N-12571E, h240km, mb4.1, ML2.9, MS2.6, Mindanao, Code, Station Name, Δ°, AZ°, Phase ID, ISC, h, m, s, ISC, Time Res, SCPH, Surigao, 0.30 22Z eP, P, 11 46 58.9 -8.4, etc.

2d 12h

h20km,5.2km,pp-P,n386,1s103/402,mb4.9/142,MS4.3/29,24C-9D,Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like SPN Mys Shipunski, NLC Nalytchevo, RUS Russkaya, etc.

2007 MAY

Table with columns: MJAR, Code, Station Name, Time, Res, ISC, h, m, s, ISC. Lists stations like TIXI Tiksi, CN2 Changchun, TTA Talatina, etc.

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Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Lists stations like NVS, YKA Yellowknife Ar, RES Resolute Bay, etc.





2d 12h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Saint Martin, Al-Radiah, Oris-en-Rattie, etc.

ISCJB 02 12:02:30.1.3.3, 275S:009-1285E:02, h19km, 24km, mb4.1/5, Error ellipse: s-maj=33.6km s-min=11.0km az=160.9

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

ISCJB 02 12:18:04.3.4.3, 460N:01x1536E:02, h31km, 29km, mb3.7/12, Error ellipse: s-maj=25.0km s-min=13.3km az=145.5

2007 MAY

Table with columns: YKA, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Yellowknife Ar, Mina Array Bea, etc.

ISCJB 02 12:49:11.4.0.2, 46568N:009-1446E:001, h0km, 1km, mb3.7/6, Error ellipse: s-maj=1.5km s-min=1.4km az=9.1

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

ISC 02 12:49:12.2.4649N:1454E, h2km, ML3.7(CSEM), ML3.6(STR), ML3.6(LDG), ML3.4(LJU), ML3.1(BUC), After CSEM.

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

ISC 02 12:18:04.3.4.3, 460N:01x1536E:02, h31km, 29km, mb3.7/12, Error ellipse: s-maj=25.0km s-min=13.3km az=145.5

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

ISC 02 12:18:07.5.1.8, 460N:01-1536E:02, h39km, 15km, n24, +117/24, mb3.7/12, East of Kuril Islands

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Table with columns: DOBS, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Dobrina, Legarje, etc.

ISCJB 02 12:49:11.4.0.2, 46568N:009-1446E:001, h0km, 1km, mb3.7/6, Error ellipse: s-maj=1.5km s-min=1.4km az=9.1

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

ISC 02 12:49:12.2.4649N:1454E, h2km, ML3.7(CSEM), ML3.6(STR), ML3.6(LDG), ML3.4(LJU), ML3.1(BUC), After CSEM.

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

ISC 02 12:49:28.6.1.2, 4683N:1304E, h10km, M3.6, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

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

ISC 02 12:49:12.2.4649N:1454E, h2km, ML3.7(CSEM), ML3.6(STR), ML3.6(LDG), ML3.4(LJU), ML3.1(BUC), After CSEM.

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

ISC 02 12:49:12.2.4649N:1454E, h2km, ML3.7(CSEM), ML3.6(STR), ML3.6(LDG), ML3.4(LJU), ML3.1(BUC), After CSEM.

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

MODS	Modra-Piesok	2.66	45	ePN	Pn	12 49 57.1 +0.5
MODS	Modra-Piesok			ePG	Pg	12 50 03.8 0.0
MODS	Modra-Piesok			eSG	Sg	12 50 38.1 -0.1
KHC	Kasperske Hory	2.67	348	ePG	Pg	12 50 01.8 -2.1
KHC	Kasperske Hory			eSG	Sg	12 50 38.1 -0.4
KHC	Kasperske Hory	2.67	348	ePN	Pn	12 49 57.7 +1.0
KHC	Kasperske Hory			ePG	Pg	12 50 01.8 -2.1
KHC	Kasperske Hory			eSG	Sg	12 50 38.1 -0.4
FUR	Furstenfeldbru	2.71	308	ePG	Pg	12 50 04.7 0.0
FUR	Furstenfeldbru			eSG	Sg	12 50 04.7 0.0
FUR	Furstenfeldbru	2.71	308	ePN	Pn	12 50 04.7 0.0
RHK3	Tenkes	2.71	102	fl/P	Pg	12 49 56.3 -1.0
MABI	Malga Bissina	2.77	262	Pa	Pn	12 49 59.9 +1.8
BRMO	Bormio	2.82	270	Pg	Pn	12 50 03.3 -0.5
WET	Wetzell	2.82	339	ePN	Pn	12 50 00.0 +1.2
WET	Wetzell			eSG	Sg	12 50 43.7 +0.3
WET	Wetzell	2.82	339	eSG	Sg	12 50 00.0 +1.2
PKSG	Moravsky	2.83	71	ePN	Pn	12 49 56.1 -2.8
KRUC	Moravsky	2.85	27	ePN	Pn	12 49 59.5 +0.3
KRUC	Moravsky	2.85	27	ePG	Pg	12 50 05.0 -2.4
KRUC	Moravsky			eSG	Sg	12 50 42.6 -1.8
TRC	Trest	2.85	14	ePG	Pg	12 50 05.5 -2.0
PKSM	Moragy	2.92	95	fl/P	Pg	12 49 59.4 +0.7
PKSM	Moragy	2.92	95	ePN	Pn	12 49 58.8 -1.3
PKSM	Moragy	2.92	95	fl/P	Pg	12 49 59.4 +0.7
PKSM	Moragy			eSG	Sg	12 50 33.8 -1.9
AOI	Ancona	3.04	192	Pg	Pn	12 50 02.1 +0.3
FSSB	Fossonbrone	3.08	203	Pg	Pn	12 50 01.9 -0.4
VRAC	Vranov	3.13	27	fl/P	Pg	12 50 03.3 +0.2
VRAC	Vranov			Lg	Lg	12 50 49.3
VRAC	Vranov	3.13	27	Pn	Pn	12 50 07.5 -1.6
VRAC	Vranov			Lg	Lg	12 50 49.3
VRAC	Vranov			LR	LR	12 51 15.6
VRAC	Vranov	3.13	27	fl/P	Pg	12 50 03.3 +0.2
VRAC	Vranov	3.13	27	ePN	Pn	12 50 03.4 +0.3
VRAC	Vranov			eSG	Sg	12 50 50.5 -2.8
DAVOX	Davos/Dischmat	3.16	276	Pn	Pn	12 50 07.3 +3.9
DAVOX	Davos/Dischmat			Lg	Lg	12 50 46.9
SFI	Santa Sofia	3.21	216	P	Pn	12 50 04.0 -0.1
DAVOS	Davos	3.22	277	P	Pn	12 50 07.3 +3.0
DAVA	Damuels	3.23	285	fl/Pn	Pn	12 50 07.0 +2.6
DAVA	Damuels			fl/Sg	Sg	12 50 59.3 +3.0
DAVA	Damuels	3.23	285	ePN	Pn	12 50 06.8 +2.5
DAVA	Damuels			eSG	Sg	12 50 59.2 +2.9
DAVA	Damuels	3.23	285	ePG	Pg	12 50 06.9 +2.6
PIE1	Pielia	3.29	205	Pg	Pn	12 50 04.6 -0.6
VMG	Vicchio	3.29	220	Pg	Pn	12 50 05.5 +0.3
SEI	Scarpéria	3.30	223	Pg	Pn	12 50 06.3 +0.9
KOLL	Kolacno	3.37	51	ePN	Pn	12 50 06.2 -0.1
KOLL	Kolacno			eSN	Sn	12 50 44.8 -2.0
CRE	Caprese Michel	3.41	212	P	Pn	12 50 08.1 +0.5
PRU	Pruhoniche	3.46	1	ePN	Pn	12 50 08.2 +0.6
PRU	Pruhoniche			ePG	Pg	12 50 16.7 -2.4
PRU	Pruhoniche			eSG	Sg	12 51 04.7 +0.8
GSUE	Gusciola	3.48	233	Pg	Pn	12 50 08.1 +0.2
TUE	Stuetta	3.53	271	Pg	Pn	12 50 12.4 -3.4
PENC	Penc	3.53	67	fl/P	Pg	12 50 08.9 +0.4
PRA	Prague	3.54	360	Pg	Pn	12 50 20.0 -0.7
VYHS	Yytine	3.56	55	ePN	Pn	12 50 08.5 +0.4
YHS	Yytine			eSN	Sn	12 50 49.4 -2.2
ROTZ	Rotzenmuhle	3.57	336	ePN	Pn	12 50 09.6 +0.5
ROTZ	Rotzenmuhle			eSG	Sg	12 51 07.2 -0.3
MANZ	Manzenberg	3.80	336	ePN	Pn	12 50 12.8 +0.6
MANZ	Manzenberg			eSG	Sg	12 51 14.8 +0.1
NRC4	Norcja	3.82	195	Pg	Pn	12 50 13.5 +0.9
GRA1	Grafenberg Arr	3.83	327	ePN	Pn	12 50 14.4 +1.7
GRA1	Grafenberg Arr			eSG	Sg	12 51 15.0 -0.9
GRF	Grafenberg Arr	3.83	327	ePN	Pn	12 50 14.4 +1.7
GRF	Grafenberg Arr			eSG	Sg	12 51 15.0 -0.9
GRFO	Grafenberg	3.83	327	ePN	Pn	12 50 09.6 -3.1
MORC	Moravsky Berou	3.85	31	ePN	Pn	12 50 13.3 +0.3
MORC	Moravsky Berou	3.85	31	ePG	Pg	12 50 13.2 +0.2
MORC	Moravsky Berou	3.85	31	ePN	Pn	12 50 26.3 -0.3
MORC	Moravsky Berou			eSG	Sg	12 51 15.5 -1.0
NKC	Novy Kostel	3.94	341	ePN	Pn	12 50 14.9 +0.7
NKC	Novy Kostel			ePG	Pg	12 50 25.8 -2.5
NKC	Novy Kostel			eSG	Sg	12 51 17.9 -1.4
TERO	Teramo	3.95	189	Pg	Pn	12 50 14.2 -0.2
PSZ	Piszkesteto	3.96	67	ePN	Pn	12 50 17.2 +0.5
PSZ	Piszkesteto			eSN	Sn	12 51 04.3 +2.9
PSZ	Piszkesteto	3.96	67	fl/P	Pg	12 50 17.4 +0.3
PSZ	Piszkesteto			ePG	Pg	12 50 15.8 +0.8
PVCC	Panska Ves	4.00	61	ePN	Pn	12 50 27.2 -2.3
PVCC	Panska Ves			eSG	Sg	12 51 21.3 0.0
WERN	Wernitzgruen	4.01	341	ePN	Pn	12 50 15.7 +0.6
WERN	Wernitzgruen			eSG	Sg	12 51 20.9 -0.5
DPC	Dobruska-Polom	4.02	17	ePG	Pg	12 50 27.9 -1.9
DPC	Dobruska-Polom			eSG	Sg	12 51 22.2 +0.3
DPC	Dobruska-Polom	4.02	17	ePN	Pn	12 50 16.2 +0.9
DPC	Dobruska-Polom			ePG	Pg	12 50 26.9 -2.9
DPC	Dobruska-Polom			eSG	Sg	12 51 22.2 +0.3
GUNZ	Gunzen	4.09	341	ePN	Pn	12 50 17.3 +1.1
TANN	Tannenbergssta	4.11	342	ePN	Pn	12 50 17.4 +0.9
TANN	Tannenbergssta			eSG	Sg	12 51 24.6 -0.1
UPC	Upice	4.11	14	ePN	Pn	12 50 17.3 +2.8
UPC	Upice			ePG	Pg	12 50 24.7 -0.2
OKC	Ostrava-Krasne	4.13	35	ePN	Pn	12 50 17.4 +0.6
OKC	Ostrava-Krasne			eSG	Sg	12 51 26.5 +1.1
SPAK	Spaichingen-Ko	4.16	294	P	Pn	12 50 18.4 +1.2
WERD	Werda	4.17	341	ePN	Pn	12 50 18.2 +0.8
WERD	Werda			eSG	Sg	12 51 27.1 +0.3
STON	Ston	4.33	147	ePN	Pn	12 50 20.4 +0.9
STON	Ston			eSN	Sn	12 51 12.7 +2.2
STON	Ston	4.33	147	ePN	Pn	12 50 20.4 +0.9
STON	Ston			eSN	Sn	12 51 12.6 +2.1
BRG	Berggiesshubel	4.36	356	P	Pn	12 50 20.1 +0.2
BRG	Berggiesshubel			ePG	Pg	12 51 09.6
BRG	Berggiesshubel	4.36	356	ePN	Pn	12 50 20.1 +0.1
BRG	Berggiesshubel			eSG	Sg	12 50 33.0
BRG	Berggiesshubel			Pg	Pg	12 50 39.0 +2.7
BRG	Berggiesshubel			eSN	Sn	12 51 09.6 -1.6
BRG	Berggiesshubel			eSG	Sg	12 51 31.1 -1.7
BRG	Berggiesshubel	4.36	356	ePN	Pn	12 50 20.1 +0.2
BRG	Berggiesshubel			eSG	Sg	12 51 31.2 -1.6
BRG	Berggiesshubel	4.36	356	ePN	Pn	12 50 20.1 +0.2
BRG	Berggiesshubel			eSG	Sg	12 51 31.2 -1.6
BRG	Berggiesshubel	4.36	356	ePN	Pn	12 50 20.1 +0.1
BRG	Berggiesshubel			eSG	Sg	12 50 33.0
BRG	Berggiesshubel	4.36	356	ePG	Pg	12 50 39.0 +2.7
BRG	Berggiesshubel			eSN	Sn	12 51 09.6 -1.6
BRG	Berggiesshubel			eSG	Sg	12 51 31.1 -1.7
FBE	Freiberg	4.46	351	ePN	Pn	12 50 23.9 +2.7
KSP	Ksiaz	4.49	15	ePN	Pn	12 50 23.3 +1.6
KSP	Ksiaz			eSN	Sn	12 51 34.5 -2.3
KSP	Ksiaz	4.49	15	ePN	Pn	12 50 22.9 +1.2
KSP	Ksiaz			eSG	Sg	12 50 35.9 -2.9
KSP	Ksiaz			eSG	Sg	12 51 33.5 -3.3
KSP	Ksiaz	4.49	15	ePG	Pg	12 50 35.9 -2.8
KSP	Ksiaz			eSG	Sg	12 51 33.5 -3.3
MOX	Moxa	4.53	336	ePN	Pn	12 50 23.3 +1.1
MOX	Moxa			eSN	Sn	12 51 13.9 -1.5
MOX	Moxa			eSG	Sg	12 51 07.3 -0.3
MOX	Moxa	4.53	336	ePN	Pn	12 50 23.3 +1.3

MOX	Moxa	4.53	336	ePN	Pn	12 50 23.3 +1.1
MOX	Moxa			eSN	Sn	12 51 13.9 -1.5
BFO	Black Forest	4.53	296	ePN	Pn	12 50 23.4 +1.1
KECS	Kecovo	4.53	62	ePN	Pn	12 50 22.1 -0.2
KECS	Kecovo	4.53	62	ePG	Pg	12 50 22.0 -0.3
INTR	Interlaken	4.53	195	Pg	Pn	12 50 22.0 -0.3
FELD	Feldberg im Sc	4.60	289	P	Pn	12 50 24.0 +0.8
FELD	Feldberg im Sc			S	Sn	12 51 09.6 -7.5
BBS	Basel-Blauen	4.84	284	Pn	Pn	12 50 26.7 +0.1
CLL	Collin	4.88	349	ePN	Pn	12 50 28.0 +1.0
CLL	Collin			Pg	Pg	12 50 41.0 -5.2
CLL	Collin	4.88	349	ePN	Pn	12 50 28.0 +1.0
CLL	Collin			Pg	Pg	12 50 41.0 -5.2
CLL	Collin			ix	Pg	12 50 32.6
CLL	Collin			e(Pg)	Pg	12 50 41.0 -5.2
CLL	Collin			eX	Sn	12 51 05.0
CLL	Collin			eX	Sn	12 51 22.0 -2.0
CLL	Collin			eX	Sn	12 51 45.0
CLL	Collin			iSg	Sg	12 51 47.1 -2.2
CLL	Collin	4.88	349	Pg	Pg	12 50 41.0 -5.2
TOD	Tromm	4.88	31	P	Pn	12 50 28.2 +1.1
RGNG	Rignano Grg	4.92	170	Pg	Pn	12 50 26.6 +1.3
BZS	Buzias	5.07	98	fl/P	Pg	12 50 29.3 -0.4
MOF	Molkenrain	5.16	288	P	Pn	12 50 31.0 0.0
CDP	Champ du Feu	5.22	294	ePN	Pn	12 50 31.1 -0.6
ECH	Echery	5.24	291	P	Pn	12 50 33.0 +1.0
CRVS	Cranaica-Dubn	5.29	61	ePN	Pn	12 50 19.0 +0.5
HINF	Hinterfeld	5.34	287	eSN	Sn	12 50 31.7 -1.7
HINF	Hinterfeld			eSN	Sn	12 51 31.2 -4.2
HINF	Hinterfeld	5.34	287	ePN	Pn	12 50 31.7 -1.7
HINF	Hinterfeld			eSN	Sn	12 51 31.2 -4.2
LPG	La Plagne	5.46	262	ePN	Pn	12 50 37.8 +2.7
LPG	La Plagne			eSN	Sn	12 51 33.4 -5.0
LPL	La Plagne	5.47	262	ePN	Pn	12 50 37.7 +2.5
PGF	Pioggiola	5.57	226	ePN	Pn	12 50 34.6 -2.0
PGF	Pioggiola			eSN	Sn	12 51 35.6 -5.5
PGF	Pioggiola	5.57	226	ePN	Pn	12 50 34.6 -2.0
PGF	Pioggiola			eSN	Sn	12 51 35.6 -5.5
SBF	Sospel	5.63	244	ePN	Pn	12 50 35.8 -1.6
SBF	Sospel			eSN	Sn	12 51 37.5 -5.1
MBDF	Montbardon	5.68	254	ePN	Pn	12 50 35.6 -1.6
MBDF	Montbardon			ePN	Pn	12 50 40.8 +2.7
MBDF	Montbardon	5.68	254	ePN	Pn	12 50 40.8 +2.7
MBDF	Montbardon			ePN	Pn	12 50 40.8 +2.7
ABH	Alteburg	5.71	309	P	Pn	12 50 40.3 +1.9
HJU	Haudompre	5.71	288	ePN	Pn	12 50 37.7 -0.8
CAG	Capellen	5.77	274	ePN	Pn	12 50 37.7 -0.8
RUP	Ruppeltstein	5.86	305	P	Pn	12 50 43.4 +2.6
SG1	Sgollger (BA)	5.91	163	ePN	Pn	12 50 40.5 -0.8
GZR	Gura Zlata	5.91	98	fl/P	Pg	12 50 41.6 +0.3
GZR	Gura Zlata			fl/P	Pg	12 50 41.6 +0.3
THEF	The Montfort	6.00	290	Pn	Pn	12 50 44.3 +1.9
ORIF	Oris-en-Rattie	6.21	258	ePN	Pn	12 50 43.3 -2.1
ORIF	Oris-en-Rattie	6.21	258	ePN	Pn	12 50 47.7 +2.3
ORIF	Oris-en-Rattie	6.21	258	ePN	Pn	12 50 47.7 +2.3
FRIF	La Foret Royal	6.28	245	ePN	Pn	12 50 43.9 -2.4
LMR	La Moure	6.48	243	ePN	Pn	12 50 47.2 -1.9
LMR	La Moure			eSN	Sn	12



SIV	4.9nm,0.3s,baz=286,slow=13,SNR=40	S	Sn	15 40 52.7	-3.8
CFAA	1.1nm,0.3s,baz=222,slow=10,SNR=5.6	P	Pn	15 40 19.7	-0.2
CFAA	0.1nm,0.3s,baz=338,slow=11,SNR=13	LR	P	15 47 31.1	
CPUP	comp=Z,12nm,18.2s,baz=295,slow=38	LR	Pn	15 40 30.1	0.0
CPUP	Villa Florida 18.74 133 eP		Pn	15 40 30.6	+0.4
CPUP	4.5nm,0.7s	LR	LR	15 48 35.5	
SDV	comp=Z,178nm,18.9s,baz=302,slow=39	LR	P	15 41 12.7	-1.2
BDFB	Santo Domingo 23.73 97 P		P	15 41 21.5	-0.6
BDFB	2.4nm,0.7s,mb3.7,baz=231,slow=18,SNR=6.5	LR	LR	15 50 56.4	
PCRV	comp=Z,575nm,21.5s,MS3.0,baz=253,slow=37	LR	LR	15 52 09.8	
TRQA	Tornquist 25.66 161 eP		P	15 41 38.4	-1.1
PLCA	Paso Flores 26.62 177 eP		P	15 41 46.9	-1.2
PLCA	Paso Flores 26.62 177 P		P	15 41 46.5	-1.6
JTS	3.8nm,0.8s,mb4.0,baz=352,slow=12,SNR=5.6	LR	LR	15 52 36.4	
USHA	JuntasAbangare 27.16 332 LR		P	15 43 50.2	-0.4
SWET	comp=Z,46nm,18.8s,MS3.1,baz=135,slow=36	P	P	15 45 06.8	-1.6
PLAL	Ustua 40.80 176 P		P	15 45 34.4	eP
TXAR	3.9nm,0.6s,mb4.2,baz=353,slow=8.1,SNR=4.1	P	P	15 45 22.5	-0.7
TXAR	Lajitas Array 52.60 325 P		P	15 45 22.5	-0.7
TXAR	Lajitas Array 52.60 325 P		P	15 45 22.5	-0.7
TXAR	3.5nm,0.8s,mb4.4,baz=149,slow=9.0,SNR=27	pP	P	15 45 44.4	+6.1
WMOK	1.7nm,0.8s,baz=156,slow=9.5,SNR=4.3	P	P	15 45 36.0	-1.5
WMOK	Wichita Mounta 54.57 333 P		P	15 45 41.3	-2.0
MNTX	3.3nm,1.0s,mb4.3	P	P	15 45 56.9	-0.4
319A	Cornudas Mount 55.36 326 eP		P	15 46 00.1	-0.3
319A	Douglas 57.33 323 P		P	15 46 00.7	+0.1
219A	White Tail Can 57.77 323 P		P	15 46 03.2	-0.3
318A	Bisbee 57.80 322 P		P	15 46 05.0	-0.7
218A	Dragon 58.21 322 P		P	15 46 05.8	-0.7
217A	Green Valley 58.53 322 P		P	15 46 08.8	-0.5
118A	Homack Ranch, 58.55 323 P		P	15 46 08.9	-0.6
117A	Oracle 59.05 322 P		P	15 46 10.2	-0.1
216A	Three Points, 59.08 321 P		P	15 46 12.9	+0.6
Y19A	Nutrosio 59.20 325 P		P	15 46 15.3	0.0
X19A	St. Johns 59.56 325 P		P	15 46 15.6	-0.3
Y17A	Roosevelt 60.01 325 P		P	15 46 16.6	-0.1
X18A	Snowflake 60.13 330 eP		P	15 46 21.7	+0.6
SDCO	Great Sand Dun 60.13 330 eP		P	15 46 22.4	0.0
Y16A	Circle Bar Ran 60.42 323 P		P	15 46 24.2	-0.4
X16A	Lo Mia Camp, P 60.78 323 P		P	15 46 25.0	-0.1
Y15A	Casa SRA Ran 60.97 322 P		P	15 46 26.8	-0.3
X15A	Humboldt 61.29 323 P		P	15 46 27.7	-0.1
Y14A	Wickenburg 61.36 322 P		P	15 46 28.5	-0.5
X14A	Yava 61.77 321 P		P	15 46 29.3	+0.3
Y13A	Salome 61.96 328 eP		P	15 46 31.1	-0.2
PMVO	Paradox Valley 61.97 330 eP		P	15 46 31.1	-0.2
SWC1	Snowmass 61.97 330 eP		P	15 46 31.1	-0.2
W14A	Seligman 62.30 322 P		P	15 46 31.1	-0.3
X13A	Yuca 62.30 322 P		P	15 46 32.4	+0.8
Y14A	Boquillas Ran 62.60 323 P		P	15 46 33.6	-0.2
BC3	Big Chucuk Mtn 62.66 320 P		P	15 46 33.9	0.0
W13A	Hualapai Mount 62.69 322 P		P	15 46 34.7	0.0
IRM	Iron Mountain 63.17 325 P		P	15 46 37.8	+0.6
T15A	Red Dirt Ranch 63.17 325 P		P	15 46 37.8	+0.6
U14A	Mt Trumbull 63.20 324 P		P	15 46 37.9	+0.1
BELC	Belle Mtn. 63.22 320 P		P	15 46 39.2	-0.4
V13A	Grand Canyon W 63.26 323 P		P	15 46 39.2	-0.4
GMRC	Granite Mounta 63.53 321 P		P	15 46 40.3	0.0
U13A	Pakoon Wash 63.64 323 P		P	15 46 42.8	+0.3
HEC	Hector,Ludlow 63.98 321 P		P	15 46 40.7	-1.7
U12A	Valley of Fire 63.99 323 P		P	15 46 40.7	-1.7
EYMN	Ely 64.01 346 eP		P	15 46 42.9	+0.1
T13A	Saint George 64.03 324 P		P	15 46 45.0	0.0
CIS	Catalina Islan 64.36 318 P		P	15 46 46.1	+0.9
S13A	Holt Ranch, En 64.40 324 P		P	15 46 49.4	+0.6
T11A	Corn Creek, Al 64.94 323 P		P	15 46 49.5	+0.1
EDW2	Edwards Air Fo 65.04 320 P		P	15 46 51.9	+0.5
R12A	Pony Springs, 65.34 325 P		P	15 46 52.2	+0.8
TPNV	Topopah Spring 65.34 322 eP		P	15 46 52.0	+0.3
FURC	Furnace Creek, 65.39 322 P		P	15 46 50.5	-1.4
AGMN	Agassiz Refuge 65.47 343 eP		P	15 46 52.6	+0.2
MPMC	Manual Prospec 65.50 321 P		P	15 46 53.4	-0.1
DUG	Dugway 65.69 327 eP		P	15 46 54.2	+0.7
DUG	20nm,1.3s,mb5.0	P	P	15 46 55.1	+0.8
P13A	Bates Ranch, G 65.81 326 P		P	15 46 55.5	+0.5
R11A	Troy Canyon, C 65.91 324 P		P	15 46 55.9	+0.6
Q10A	Willow Creek R 65.96 325 P		P	15 46 57.8	-0.7
S10A	Toponah Range, 66.28 324 P		P	15 46 58.0	+0.7
R10A	Warm Springs 66.28 324 P		P	15 46 57.8	+0.3
P12A	McGill 66.31 325 P		P	15 46 58.2	+0.4
N14A	Grayback Hills 66.36 327 P		P	15 46 58.9	+0.5
S09A	Goldfield 66.44 323 P		P	15 47 00.5	+0.5
R09A	Toponah 66.70 323 P		P	15 47 01.1	+1.0
Q10A	Clear Creek Ra 66.70 324 P		P	15 47 00.2	-0.8
HELL	Mitchell Peak 66.84 321 P		P	15 47 01.0	-0.1
S08C	White Mtn Res 66.86 322 P		P	15 47 01.4	0.0
M14A	Sheep Mountain 66.92 328 P		P	15 47 03.5	+0.4
O11A	Cowboy Ranch, 66.97 325 P		P		

M13A	Montello 67.24 327 P		P	15 47 03.2	-0.2
ULM	Lac du Bonnet 67.25 344 eP		P	15 47 01.5	-1.7
ULM	Lac du Bonnet 67.25 344 P		P	15 47 01.9	-1.4
IMW	Indian Meadow 67.50 331 eP		P	15 47 04.8	-0.2
FLWY	Fogg Ranch 67.53 331 eP		P	15 47 05.5	+0.3
NVAR	Mina Array Bea 67.55 322 P		P	15 47 05.9	+0.5
NVAR	1.5nm,0.7s,mb4.1,baz=137,slow=7.8,SNR=10	pP	P	15 47 29.1	+8.0
K14A	Jones Ranch, D 67.59 329 P		P	15 47 05.7	+0.1
U13A	Double Diamond 67.65 328 P		P	15 47 06.5	+0.5
L10A	Hornbeck Rese 67.74 319 P		P	15 47 06.6	-0.1
O10A	Cortez Mining, 67.76 325 P		P	15 47 07.1	+0.4
WNA3	Neumayer Olymp 68.17 162 eP		P	15 47 10.7	+1.8
HAST	Hastings Reser 68.24 319 P		P	15 47 09.7	-0.1
L12A	House Creek Ra 68.25 327 P		P	15 47 10.2	+0.5
P08A	Dixie Valley 68.25 324 P		P	15 47 10.2	+0.4
R06C	Coleville 68.29 322 P		P	15 47 10.4	+0.3
VNA1	Neumayer-Stat 68.39 161 eP		P	15 47 10.9	+0.6
VNA1	16nm,1.0s,mb5.0	e	P	15 47 34.4	
PACP	Pacheco Peak 68.46 320 P		P	15 47 11.1	-0.1
K12A	Drazer Farm, C 68.54 328 P		P	15 47 11.9	+0.4
L11A	Cat Creek Farm 68.65 327 P		P	15 47 12.6	+0.3
J13A	Cove Ranch, Pi 68.71 329 P		P	15 47 13.0	+0.5
VNA2	Neumayer-Watz 68.76 161 eP		P	15 47 12.8	+0.3
VNA2	15 47 20.2	e	P	15 47 36.3	
R05C	Kirkwood Meado 68.78 322 P		P	15 47 13.5	+0.4
SCHO	Schefferville 68.79 4 P		P	15 47 12.5	-0.3
SCHO	3.8nm,0.6s,baz=144,slow=2.7,SNR=3.6	pP	P	15 47 35.6	+7.0
HLID	Halley 68.95 329 P		P	15 47 14.2	+0.1
L10A	Juniper Basin 68.97 326 P		P	15 47 14.7	+0.4
WCN	Waioce City 68.97 322 P		P	15 47 14.4	+0.1
PAHR	Pah Rah Range 69.02 323 eP		P	15 47 15.2	+0.6
I13A	Wildhorse Cree 69.05 329 P		P	15 47 15.3	+0.6
J12A	Stokes Ranch, 69.07 328 P		P	15 47 14.9	0.0
BOZ	Bozeman (W) 69.14 332 P		P	15 47 15.4	+0.1
LAVA	Lava Cap Winer 69.21 321 P		P	15 47 15.1	-0.7
K11A	Parker Ranch, 69.22 327 P		P	15 47 15.9	+0.9
N07B	Gerlach 69.48 324 P		P	15 47 17.8	+0.4
P05C	Yuba Gap, Truc 69.48 322 P		P	15 47 17.6	+0.2
MFID	O Camas Ranch 69.57 328 P		P	15 47 18.1	+0.2
O06A	Flanigan 69.57 323 P		P	15 47 18.1	+0.1
L09A	Winlockson Ran 69.58 326 P		P	15 47 18.4	+0.4
M08A	Happy Creek Ra 69.59 325 P		P	15 47 18.2	+0.1
H13A	Challis 69.59 329 P		P	15 47 18.2	+0.1
K10A	MacKenzie Ranc 69.67 327 P		P	15 47 18.6	+0.1
F15A	Butte 69.69 331 P		P	15 47 18.6	0.0
BEKR	Beckworth 69.69 323 P		P	15 47 18.8	+0.1
H12A	Diamond D Ranc 69.88 329 P		P	15 47 19.9	+0.1
N06A	Buffalo Meadow 69.96 324 P		P	15 47 20.4	0.0
G13A	Cobalt 69.97 330 P		P	15 47 20.3	0.0
I11A	Placerville 69.98 328 P		P	15 47 20.5	+0.1
L08A	Fields 70.07 325 P		P	15 47 20.8	-0.2
K09A	Rome 70.08 326 P		P	15 47 21.4	+0.3
ORV	Oroville 70.17 322 P		P	15 47 22.4	+0.6
DBIC	Dimbokro 70.21 78 eP		P	15 47 20.8	-1.7
DBIC	12nm,1.5s,mb4.8	P	P	15 47 21.2	-1.3
DBIC	6.2nm,1.0s,mb4.5,baz=204,slow=3.0,SNR=5.7	LR	LR	16 15 03.3	
SNA4	comp=Z,55nm,18.0s,MS3.9,baz=179,slow=33	P	P	15 47 22.5	0.0
SNA4	Sanae 70.38 162 eP		P	15 47 29.3	
SNA4	70.38 162 eP		P	15 47 46.4	
J09A	Fry Pan Ranch, 70.53 327 P		P	15 47 23.8	0.0
E14A	Clinton 70.58 331 P		P	15 47 24.5	+0.5
D15A	Lincoln 70.60 332 P		P	15 47 24.7	+0.5
E13A	Victor 70.93 331 P		P	15 47 26.3	+0.2
F12A	Elk City 70.94 330 P		P	15 47 26.1	-0.1
HATC	Hat Creek Radi 70.95 323 P		P	15 47 26.1	-0.3
MOD	Modoc 70.97 324 P		P	15 47 26.6	0.0
D14A	Greenough 71.08 332 P		P	15 47 27.3	+0.2
M05C	Lookout 71.11 323 P		P	15 47 27.7	+0.4
G11A	Walters Elk Ra 71.19 329 P		P	15 47 27.4	-0.3
P01C	Double R Ranch 71.24 321 P		P	15 47 27.9	-0.3
WDC	Whiskeytown Da 71.44 322 P		P	15 47 28.3	-1.1
F11A	Grangeville 71.48 329 P		P	15 47 29.1	-0.4
D13A	Huson 71.53 331 P		P	15 47 30.1	-0.1
G10A	Bishop Farm, J 71.54 328 P		P	15 47 30.4	+0.5
C14A	Swan Lake 71.70 332 P		P	15 47 31.0	+0.2
J06A	Christmas Vall 71.77 325 P		P	15 47 31.6	+0.3
M04C	Macdoel 71.78 323 P		P	15 47 31.5	+0.1
H08A	Prairie City 71.81 327 P		P	15 47 32.1	+0.6
E11A	Boyer Ranch, 71.84 330 P		P	15 47 31.1	-0.5
G09A	Cove 71.87 328 P		P	15 47 32.1	+0.3
D12A	Red Ives Fores 71.92 331 P		P	15 47 32.0	-0.1
I07A	Ize 71.96 326 P		P	15 47 32.5	0.0
C13A	Hot Springs 72.01 332 P		P	15 47 32.9	+0.2
N02C	Big Bar 72.05 322 P		P	15 47 33.4	+0.4
F10A	Beach Ranch, E 72.07 329 P		P	15 47 33.5	+0.4
M02C	Callahan 72.13 323 P		P	15 47 32.9	-0.6
YBH	Yreka Blue Hor 72.25 323 P		P	15 47 33.3	-0.9

I06A	Prineville 72.25 326 P		P	15 47 34.5	+0.2
H07A	Lands Inn, Kim 72.34 327 P		P	15 47 34.3	-0.3
J05A	Fort Rock 72.39 325 P		P	15 47 34.7	-0.3
G08A	Pilot Rock 72.49 328 P		P	15 47 35.5	0.0
G07A	Ruggs Ranch, H 72.84 327 P		P	15 47 37.9	+0.2
H06A	Linquist Farm 72.84 326 P		P	15 47 38.3	+0.6
A13A	Flathead Net 72.86 333 P		P	15 47 37.9	+0.3
G06A	Carlson Farm, 73.33 327 P		P	15 47 40.8	+0.3
K02A	Glendale 73.35 323 P		P	15 47 40.7	0.0
D09A	Jones Farm, Ri 73.36 329 P		P	15 47 40.9	+0.2
I04A	Tendick Farm, 73.38 325 P		P	15 47 40.6	-0.2
J02A	Umppua 73.77 324 P		P	15 47 43.5	+0.4
B09A</					









s-min=22.7km az=98.0
ISC 02 19:30:32.9, 3.7, 47001.009, 1542E.01, h165km, 23km, n37,
a1500/39, mb4.1/20, KURIL Islands

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include SKR Severo-Kuril's, SKR comp=Z, 60nm, 0.5s, SKR comp=N, 60nm, 0.5s, KUR Kuril'sk, KUR comp=N, 220nm, 0.7s.

PET Petropavlovsk 6.62 24 ePN Pn 19 31 59.1 -10
Yuzh-Sakhalins 7.83 27 ePN Pn 19 32 26.9 +0.6
Asahikawa 8.66 254 P Pn 19 32 38.1 +0.6

MJAR Matsuhiro Arr 15.87 234 P Pn 19 34 14.5 -1.1
KSRs Korea Array 21.61 253 P P 19 35 21.5 -0.7
SONM Songoing Array 1.94 289 P P 19 36 56.0 -1.7

MKAR Makanchi Array 47.47 298 P P 19 39 05.1 -1.7
MKAR Makanchi Array 47.47 298 P P 19 39 05.0 -1.8
KURK Kurchatov 47.82 304 eP P 19 39 07.2 -2.3
YKA Yellowknife Arr 50.23 37 P P 19 39 27.9 +0.2

JUN Gumbha 55.72 275 eP P 19 40 08.9 +0.5
GUM Gumbha 55.72 275 eP P 19 40 09.1 +0.3
KKN Kakara 56.20 276 eP P 19 40 12.8 +0.6

DAN Dangsing 56.88 277 eP P 19 40 17.7 +0.7
KOLN Koldanda 57.36 277 eP P 19 40 21.3 +0.9
JOF Joensuu 61.39 334 eP P 19 40 42.8 -4.9

JOF Joensuu 61.39 334 eP P 19 40 42.8 -4.9
FINES FINES Array B 64.08 335 P pmax pmax 19 41 05.7 0.0
NOA NORSAR Array B 68.18 342 P pmax pmax 19 41 32.3 +0.3

HFS Hagfors 68.43 340 pmax pmax 19 41 33.8 +0.2
WRA Warramunga Arr 69.05 200 P P 19 41 35.6 -2.2
AKASG Malin Array Bb 71.70 327 P P 19 41 52.9 -0.9

ASAR Alice Springs 72.74 199 P P 19 42 00.1 -0.1
ASAR Alice Springs 72.74 199 P P 19 42 00.1 -0.2
SOC Sochi 72.82 316 eP P 19 41 56.9 -3.7

TXAR Lajitas Array 76.69 61 P P 19 42 24.9 +1.6
TXAR Lajitas Array 76.69 61 P P 19 42 24.9 +1.6
MLR Muntele Rosu 77.24 326 P P 19 42 27.1 +1.0

MLR Muntele Rosu 77.24 326 P P 19 42 27.1 +1.0
MMAI Mount Meron Arr 83.17 312 P P 19 42 59.0 +0.7

CSEM 02 19:33:23.0, 2.0, 4342N, 1450E, h10km, MD2.5/6, ML2.0/3,
Error ellipse: s-maj=7.3km s-min=5.9km az=27.0, After ROM

ROM 02 19:33:23.0, 2.0, 4342N, 1450E, h10km, Md2.5/8, ML2.1/5,
Error ellipse: s-maj=7.3km s-min=5.9km az=27.0

ISCJB 02 19:33:26.1, 1.1, 4323N, 005x1426E.007, h10km, Error
ellipse: s-maj=9.1km s-min=5.4km az=141.2

ISC 02 19:33:25.6, 1.5, 4327N, 007x1435E.009, h10km, n9,
a1521/15, Adriatic Sea

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include AOI Ancona, CING Cingoli, NERO Teramo, TRCA Norcia, SNTG Esanatoglia, CESI CESI, LNSS Leonesna, PIEI Pieia, NVLJ Novajia, NVLJ NVLJ.

ISCJB 02 19:38:41.3, 0.6, 5027N, 004x1916E.003, h0km, Error
ellipse: s-maj=6.1km s-min=2.6km az=18.1

WAR 02 19:38:42.8, 5.017N, 1930E, ML2.6, Mining Induced
PRU 02 19:38:44.1, 5.019N, 1918E, h0km

ISC 02 19:38:42.9, 0.5, 5021N, 004x1920E.003, h0km, n20,
a1532/33, Poland

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include OJC Ojcow, OKC Ostrava-Krasne, NIE Niedzica, LIKS Likavka, STHS Stebnicka Huta, KOLL Kolcaco, VYHS Vyhne, DOBR Dobruska-Polom, KECS Kecoovo, KSP Ksiaz, CRVS Cervenica-Dubn, UPTC Upice.

Table with columns: MODS, KOLS, PRU, BRG, KHC, CLL, NKC, MOX. Rows include Modra-Piesok, Kolonicke sedl, Pruhonice, Berpiessh-Husel, Kasperse Hory, Collim, Novy Kostel, Moxa.

ISCJB 02 19:45:58.9, 1.4, 199S, 02x178.1W, 0.2, h500km, mb3.4/5,
Error ellipse: s-maj=34.3km s-min=19.3km az=139.8

NEIC 02 19:45:59.2, 1.0, 1985S, 17797W, h500km, mb3.7/1, Error
ellipse: s-maj=26.1km s-min=21.0km az=81.0

ISC 02 19:45:59.7, 10.0, 1986S, 17803W, h500km, 106km,
mb3.0/4, mb1.3, 3/5, mb1mx3.1/14, mbtm3.2/5, Error
ellipse: s-maj=57.0km s-min=24.4km az=51.0

Code Station Name Delta A Azimuth Phase ID Op ISC Time Res h m s ISC
URZ Urewera 18.73 192 P P 19 49 46.4 -0.4

CTAO Charters Tower 33.49 264 eP P 19 51 58.2 +0.8
ASAR Alice Springs 44.25 256 P P 19 53 27.3 0.0

WRAB Tennant Creek 44.61 262 eP P 19 53 26.7 -0.8
WRA Warramunga Arr 44.62 261 P P 19 53 27.3 -0.2

VNDA Vanda 58.46 185 P P 19 55 08.1 +1.2
MJAR Matsuhiro Arr 69.72 324 P P 19 56 19.3 +0.1

ARCES ARCES Array B 128.36 300 PKP PKPdf 20 04 06.7 -1.9
ARCES ARCES Array B 128.36 300 PKP PKPdf 20 04 06.7 -1.9

KLSC Malin Array B 142.50 331 PKP PKP 20 04 30.7
CLL Collim 147.51 347 ePKP Pbc PKPbc 20 04 47.0 -0.3

GERES GERES Array B 149.65 346 PKP Pbc PKPbc 20 04 51.7 -0.9

NIED 02 20:12:00.0, 3330N, 13800E, h360km, Mw4.0 Best double
couple: Ms9.52000, 1014, NP1, 36.00000, 881.00000,
lambda=73.00000, NP2, 153.00000, delta=19.00000,
lambda=151.00000

JMA 02 20:12:32.9, 0.2, 3329N, 13804E, h362km, M3.9
ISCJB 02 20:12:33.6, 0.4, 3322N, 006x13801E.006, h350km, 3km,
mb3.6/15, Error ellipse: s-maj=9.2km s-min=7.4km
az=157.6

NEIC 02 20:12:34.5, 0.6, 3321N, 13798E, h343km, 5km, mb3.6/3,
Error ellipse: s-maj=12.6km s-min=8.3km az=89.0

BJI 02 20:12:34.4, 3320N, 13800E, h342km, mb4.6, mb3.9
ISC 02 20:12:34.9, 0.5, 3321N, 13791E, h343km, 6km, mb3.4/10,
mb1.3, 4/14, mb1mx3.2/5, mbtm3.3/14, Error ellipse:
s-maj=16.4km s-min=9.1km az=74.0

ISC 02 20:12:34.6, 0.4, 3324N, 006x13799E.006, h343km, 3km,
n43, a092/56, mb3.6/15, 6C, Near south coast of eastern
Honshu

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include JHJ Hachijo jima, JHU, JHJ2 Mitsuno, JIE Ise, JWZ Kozaga, JWZ Odawara 2, JOD2 JOD2, JMW Kouya, JYJ Shimob, JGM Miyama, JGM Boso 1, BS01 BSO1, JRY Ryogami san, JYJ Wachi, JAI Aioi, MJAR Matsuhiro Arr, MJAR.

MAJO Matsuhiro 3.30 3 eP Pn 20 13 35.9 -0.2
MAT Matsuhiro 3.30 3 eP Pn 20 14 00.3 -0.4

MAT Matsuhiro 3.30 3 eS Pn 20 14 23.4 -1.2
MAT Matsuhiro 3.30 3 eS Pn 20 14 23.3 -0.2
MAT Matsuhiro 3.30 3 eS Pn 20 14 23.1 -2.5

JKG Kaga 3.32 336 P Pn 20 13 36.5 +0.2
JAG Ashijiko 3.40 20 P S 20 13 35.4 -1.7
JAG Ashijiko 3.40 20 P S 20 13 35.4 -1.7

JHS Saihiko 4.40 295 P Pn 20 13 46.5 -0.9
JNU Nakatsue 5.96 271 P Pn 20 14 05.2 +0.4

CBJ Chichi jima 7.12 148 P Pn 20 14 12.8 -5.5
CBJ Chichi jima 7.12 148 P Pn 20 15 33.0 -10

KSRs Korea Array 9.23 300 P Pn 20 14 44.9 +1.6
ASAJ Asahikawa 11.44 17 P Pn 20 15 11.2 +1.6

WHN Wuhan 20.24 269 eP P 20 16 44.1 -1.2
XAN Xi'an 24.18 280 P P 20 17 19.8 -1.2

XAN comp=Z, 2.0nm, 0.7s, mb3.5 AMB AMB 20 17 19.8 -1.2
XAN comp=E, 166nm, 13.6s LR LR 20 17 19.8 -1.2

XAN comp=Z, 2.35nm, 11.3s LR LR 20 17 50.4 +0.5
ULN Ulanbaatar 27.45 311 eP P 20 17 50.4 +0.5

SONM Songoing Array 27.86 311 P P 20 17 54.9 +1.4
TIXI Tiksi 38.77 355 eP P 20 19 26.4 -0.2

MK31 Makanchi Array 43.87 305 eP P 20 20 07.5 -0.5
MKAR Makanchi Array 43.87 305 P P 20 20 08.1 +0.1

ISC 02 20:05:57.1, 1.9, 1101N, 12642E, h0km, mb3.5/4,
mb1.3/7.4, mb1mx3.5/18, mbtm3.5/4, Error ellipse:
s-maj=166.9km s-min=21.8km az=69.0

MAN 02 20:05:58.1, 143N, 12681E, h41km, mb4.7, ML3.6, MS3.5
ISCJB 02 20:05:59.2, 3.4, 1130N, 007x12677E.009, h33km, 27km,
mb3.5/4, Error ellipse: s-maj=14.4km s-min=10.8km
az=173.2

ISC 02 20:05:59.7, 3.6, 1128N, 007x12671E.009, h20km, 28km,
n11, a1943/14, mb3.5/4, Philippine Islands region

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include BESP Borong, SCPH Surigao, OCLP Ormoc, MSLP Maasin, CNP Catarman, PVCP Virac, WTRP Warramunga Arr, ASAR Alice Springs, SONM Songoing Array, MKAR Makanchi Array.

NIED 02 20:31:00.0, 2380N, 12540E, h17km, Mw4.3 Best double
couple: Ms3.67000, 1015, NP1, 36.00000, 882.00000,
lambda=171.00000, NP2, 16.00000, delta=77.00000,
lambda=171.00000

BJI 02 20:31:35.9, 2334N, 12597E, h22km, mb4.5, mb4.1, Ms3.7,
Ms3.6

ISC 02 20:31:42.8, 0.7, 2401N, 125.13E, h0km, mb3.9/13,
mb1.4/0.16, mb1mx3.9/24, mbtm3.9/16, ML3.4/3, MS3.6/7,
Ms1.3/6.7, ms1mx3.2/29, Error ellipse: s-maj=25.8km
s-min=14.6km az=76.0

JMA 02 20:31:43.5, 0.3, 2381N, 12536E, h9km, M4.7
ISCJB 02 20:31:45.6, 0.7, 2393N, 005x12541E.004, h37km, 6km,
mb4.0/22, MS3.6/6, Error ellipse: s-maj=8.9km
s-min=5.5km az=163.4

NIED 02 20:31:46.1, 2.8, 2404N, 125.31E, h23km, mb4.5/7,
MW4.3(NIED), Error ellipse: s-maj=10.8km s-min=10.3km
az=174.0

ISC 02 20:31:46.2, 1.3, 2395N, 006x12536E.004, h26km, 6km,
n59, a1918/22, mb4.0/22, MS3.6/6, Southwestern Ryukyu
Islands

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include JOGS Gusukube, JMJ Miyako jima 2, JMJ Tarama, JTI Ishigaki jima, JJI Kuro-shima, JKR Hateruma jima, IRIF Hirao-etsu, YOJ Yonaguni jima, JKE Kume jima 2, JJT2 Tamagusuku 2, JAGN Aguni-jima, HACS Hanganichiao, TATO Taipei, YHNB Yehnei, JIH Iheya, JOW Kunigami, JOW Kunigami.

JOW comp=Z, 411nm, 20.5s, bazz=183, slow=40 LR 20 34 21.9

JTK Tokunoshima 5.00 40 P Pn 20 32 58.2 -1.4
JMZ Minamidato 2 5.64 70 P Pn 20 33 05.6 -2.7

JAM Amami Oshima 5.85 40 P Pn 20 33 09.5 -1.8
JNU Nakatsue 10.34 27 Pn 20 34 12.8 0.0

KSRs Korea Array 13.64 9 Pn 20 34 58.7 +0.8
DL2 Dalian 21.54 349 P Pn 20 35 24.5 +4.9

DL2 comp=Z, 100nm, 13.5s LR LR 20 35 24.5 +4.9

DL2 comp=E, 120nm, 11.7s LR LR 20 35 24.5 +4.9

MAT Matsuhiro 16.73 38 P Pn 20 35 41.4 +2.6
MJAR Matsuhiro Arr 16.73 38 Pn 20 35 43.3 +4.5

XAN comp=Z, 0.4nm, 0.3s, bazz=226, slow=11, SNR=19 P 20 35 50.7 +2.0

XAN comp=Z, 4.0nm, 1.1s AMB AMB 20 35 51.1 -1.1

BJI Beijing 17.81 336 P Pn 20 35 51.1 -1.1

BJI comp=Z, 7.0nm, 1.1s AMB AMB 20 35 51.1 -1.1

BJI comp=N, 158nm, 14.3s LR LR 20 35 51.1 -1.1

BJI comp=E, 122nm, 12.6s LR LR 20 35 51.1 -1.1

LZH Lanzhou 22.16 308 eP P 20 36 39.3 -0.8

LZH comp=Z, 2.1nm, 1.2s, mb4.4 AMB AMB 20 36 39.3 -0.8

ASAJ Asahikawa 24.58 31 LR 20 47 39.8

GTA Gaotai 26.52 312 eP P 20 37 20.5 -1.2

ULN Ulanbaatar 27.95 333 eP P 20 37 34.8 +0.4

SONM Songoing Array 28.20 332 P P 20 37 35.0 -1.7













3d 5h

NEIC 03 02:19:15.2, 3063Sx71.14W, h44km, MD4.1 (GUC), After GUC.

GUC 03 02:19:15.2, 0.8, 3063Sx71.14W, h44km, 2km, MD4.1, ML3.4, 5C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ovale, Tololo Astrono, Combarbala, La Serena, Las Campanas, etc.

DDA 03 02:37:16.5, 3804N:39.12E, h26km, 2km, MD2.9

CSEM 03 02:37:19.9, 0.1, 3845N:39.27E, h2km, MD2.9, Error ellipse: s-maj=2.0km s-min=1.6km az=110.0

IS/CJB 03 02:37:20.4, 0.6, 3842N:00.3937E, 0.04, h6km, 5km, Error ellipse: s-maj=5.9km s-min=5.2km az=0.3

ISK 03 02:37:20.1, 3845N:39.27E, h2km, MD2.9

ISC 03 02:37:20.8, 0.6, 3842N:00.3937E, 0.05, h8km, 5km, n14, 058720, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SVRC, ELZG, PERTEK, MALATYA, etc.

ISCJB 03 03:02:26.0, 1.4, 361S:01.720W, 0.2, h136km, 13km, Error ellipse: s-maj=28.9km s-min=8.4km az=35.3

GUC 03 03:02:26.0, 1.7, 3616S:71.90W, h137km, 6km, ML3.8

NEIC 03 03:02:26.0, 3616S:71.90W, h137km, MG3.9 (GUC), After GUC.

ISC 03 03:02:26.5, 1.4, 362S:01.719W, 0.2, h137km, 14km, n17, 054530, 5C, Central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COCH, SFDO, CICH, LNV, etc.

MAN 03 03:22:10.5, 1.4, 081N:127.36E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.6/5, mbmtpp3.6/4, 1D, Error ellipse: s-maj=136.5km s-min=20.7km az=70.0, Halmahera

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

ISC 03 03:22:01.5, 1.4, 081N:127.36E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.6/5, mbmtpp3.6/4, 1D, Error ellipse: s-maj=136.5km s-min=20.7km az=70.0, Halmahera

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

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

IDC 03 03:27:09.4, 2.9, 3253S:178.69W, h0km, mb3.9/2, mb1 4.1/3, mb1mx3.8/1.4, mbmtpp3.9/3, ML3.7/1, Error ellipse: s-maj=67.4km s-min=44.9km az=120.0, South of Kermadec Islands

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

CASC 03 03:30:44.3, 3.0, 12.15N:88.44W, h26km, 23km, MD4.0, ML3.3

ISCJB 03 03:30:45.2, 1.5, 12.19N:00.9884W, 0.1, h67km, 15km, mb3.9/8, Error ellipse: s-maj=21.1km s-min=10.6km az=145.7

IDC 03 03:30:47.9, 4.5, 12.53N:88.01W, h59km, 77km, mb3.6/5, mb1 3.8/6, mb1mx3.4/2.0, mbmtpp3.6/6, ML3.0/1, Error ellipse: s-maj=107.5km s-min=40.2km az=25.0

NEIC 03 03:30:48.7, 1.5, 12.34N:88.06W, h81km, 14km, mb4.1/4, Error ellipse: s-maj=26.7km s-min=12.7km az=57.0

ISC 03 03:30:46.6, 1.4, 12.27N:00.9883W, 0.1, h57km, 16km, n40, 0510432, mb4.0/3, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CNCH, VSM, BLM, CAHU, etc.

TGUH Tequeigalpa, 2.06 30 ePn Pn 03 31 19.2 +0.4

RTX El Retiro, 2.06 32 eS x 03 31 40.9 -0.5

RTR Tucuman, 2.07 96 eP Pn 03 31 18.8 -0.2

HUN Juntas Abangare, 3.86 120 eP Pn 03 31 43.0 -0.4

PRSI San Blas, 4.56 120 eP Pn 03 31 54.9 +1.8

LAJ Bijagal, 4.78 120 eP Pn 03 32 54.5 +0.3

LOR2 La Lucha 2, 4.94 120 eS Sn 03 32 01.7 +1.4

URSC Urasca, 5.09 118 eP Pn 03 32 01.7 +1.4

BAH1 Agassiz Refuge, 5.78 121 eP Pn 03 32 01.7 +0.5

CHI2 Chichil, 16.30 116 eP Pn 03 31 06.8 -0.4

JCT Junction City, 21.00 331 eP Pn 03 35 25.8 +0.4

TXAR Lajitas Array, 21.72 322 eP Pn 03 35 39.5 +1.6

WMOK Wichita Mountain, 24.40 339 eP Pn 03 35 58.4 -0.3

AMTX Amarillo, 25.96 334 eP Pn 03 36 05.9 +1.5

AGM1 Agassiz Refuge, 36.46 352 eP Pn 03 37 45.3 -0.7

ULM Lac du Bonnet, 38.37 352 eP Pn 03 38 00.6 -1.5

ULM Lac du Bonnet, 38.37 352 eP Pn 03 38 00.7 -1.4

SCHO Schefferville, 45.70 171 eP Pn 03 39 00.7 -1.1

YKA Yellowknife Ar, 53.56 345 eP Pn 03 40 01.0 -0.4

YKA Yellowknife Ar, 53.56 345 eP Pn 03 40 01.0 -0.4

INK Inuvik, 63.12 343 eP Pn 03 41 08.1 +0.2

MEX 03 03:57:37.8, 0.8, 1695N:94.97W, h122km, 9km, MD3.7, Oaxaca

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

WEL 03 04:43:08.4, 0.3, 4497S:167.51E, h79km, 2km, ML3.5/12, Island Error ellipse: s-maj=2.3km s-min=1.3km az=90.0, South

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

ISC 03 04:50:21.9, 1.1, 21.17S:00.5680W, 0.1, h114km, 14km, mb3.8/4, Error ellipse: s-maj=17.6km s-min=8.3km az=13.1

IDC 03 04:50:23.1, 1.8, 21.11S:68.12W, h112km, 18km, mb3.6/4, mb1 3.5/9, mb1mx3.4/1.9, mbmtpp3.4/9, Error ellipse: s-maj=25.4km s-min=13.5km az=98.0

ISC 03 04:50:23.2, 1.0, 21.17S:00.5681W, 0.1, h110km, 12km, n10, 0510412, mb3.8/4, Chile-Bolivia border region

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

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

IDC 03 04:52:59.8, 1.9, 0.95S:127.91E, h0km, mb3.3/2, mb1 3.5/4, mb1mx3.5/6, mbmtpp3.4/4, ML3.4/2, Error ellipse: s-maj=106.5km s-min=24.1km az=70.0

ISCJB 03 04:53:02.7, 1.4, 0.95S:128.1E, 0.5, h33km, mb3.5/2, Error ellipse: s-maj=77.3km s-min=13.6km az=164.5

ISC 03 04:53:03.9, 1.5, 0.95S:128.2E, 0.5, h35km, n5, 0509495, mb3.5/1, 1D, Halmahera

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

IDC 03 04:55:34.3, 1.2, 2.45S:127.79E, h0km, mb3.7/4, mb1 4.0/6, mb1mx3.8/1.7, mbmtpp3.8/6, ML3.7/2, MS2.7/1, Ms1 2.7/1, ms1mx2.5/2.2, Error ellipse: s-maj=89.3km s-min=12.5km az=70.0

ISCJB 03 04:55:40.3, 0.8, 2.6S:0.1, 127.7E, 0.3, h60km, mb3.9/6, Error ellipse: s-maj=46.2km s-min=11.4km az=160.1

NEIC 03 04:55:42.4, 4.9, 2.61S:127.58E, h60km, 48km, mb4.0/4, Error ellipse: s-maj=47.9km s-min=16.4km az=59.0

ISC 03 04:55:41.1, 1.2, 2.6S:0.1, 127.6E, 0.3, h46km, 25km, n13, 0505161, mb3.9/6, 1D, Ceram Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ, WRAB, WRA, WRA, WB2, WRA, WRA.

IDC 03 04:55:42.4, 4.9, 2.61S:127.58E, h60km, 48km, mb4.0/4, Error ellipse: s-maj=47.9km s-min=16.4km az=59.0

ISC 03 04:55:41.1, 1.2, 2.6S:0.1, 127.6E, 0.3, h46km, 25km, n13, 0505161, mb3.9/6, 1D, Ceram Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR, SONM, MKAR, MKAR, KURK, VNSA, VNSA.

JMA 03 05:00:09.5, 0.3, 3694N:141.94E, h34km, 5km, M2.6, Near coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JFK, JFO, JMM, JFT, JFT, JIO, JIO, JYS, JMK, JMK, MAT, MAT.

WEL 03 05:09:29.4, 0.7, 3797S:176.20E, h122km, 6km, ML3.6/9, Error ellipse: s-maj=6.8km s-min=6.5km az=0.0, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MARZ, URZ, URZ, MWZ, MWZ, BKZ, TUZ, TRVZ, WNVZ, MOVZ, KNZ, PUZ, PUZ, MXZ, TSZ, WPHZ, MRW, BFZ, MRZ, HOWZ, KIW, MTW, MRW, PAWZ, MSWZ, SNZO, TCW, PLWZ, ORZ, KHZ, LTZ.

IDC 03 05:33:38.2, 1.8, 7.16S:155.08E, h0km, mb3.8/5, mb1 4.0/5, mb1mx3.8/1.3, mbmtpp3.8/5, MS3.4/3, Ms1 3.4/3, ms1mx3.0/1.7, Error ellipse: s-maj=65.9km s-min=27.2km az=121.0

ISCJB 03 05:33:41.7, 0.9, 7.2S:0.2, 155.1E, 0.3, h33km, mb3.9/9, MS3.2/2, Error ellipse: s-maj=51.9km s-min=13.5km az=38.5

NEIC 03 05:33:43.5, 0.7, 7.10S:154.95E, h35km, mb4.2/2, Error ellipse: s-maj=42.5km s-min=11.2km az=128.0

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



Table with columns: LTK, VAY, MMB, KVR, NAIG, RDO, SELA, FNA, RZM, ALN, ALN, KKB, BIA, DID, DID, CHOS, CHOS, STIP, KZD, OHR, OHR, VTS, ITM, APE, APE, APE, APE, KEK, VLI, PVL, TIRR, MLR, PLOR, VRI. Includes station names, coordinates, and various codes.

IDC 03 06:11:09.9:1.5, 078N-122.34E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.6/1.7, mbtmp3.7/4, ML3.3/1, Error ellipse: s-maj=136.0km s-min=22.0km az=64.0, Minahassa Peninsula, Sulawesi

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

IDC 03 06:30:51.3:1.6, 1462Sx17754W, h0km, mb4.1/5, mb1 4.4/5, mb1mx4.1/1.4, mbtmp4.1/5, MS4.1/19, Ms1 4.1/19, ms1mx4.0/2.2, Error ellipse: s-maj=154.8km s-min=21.8km az=150.0, ISCJB 03 06:30:54.5:0.7, 150S:02:1774W:0.1, h33km, mb4.3/8, MS4.1/17, Error ellipse: s-maj=31.9km s-min=13.5km az=159.2, NEIC 03 06:30:59.5:6.8, 1491Sx17742W, h33km, 60km, mb4.5/4, Error ellipse: s-maj=57.4km s-min=14.8km az=149.0, GCMT 03 06:30:59.0:3.0, 1479Sx177.12W, h23km, 1km, MW5.0/6.6, Moment Tensor Solution, s19,c24; s66,c87; Duration: 0 Moment tensor: Scale 10^19Nm; Mr0.28t.14; Mw0.29t.15; Mw0.25t.13; Mw0.51t.20; Mw2.17t.10; Mw0.11t.17; Best double couple: Mo3.30100x10^16 Np1.8x24.00000x-0.82.00000x1.174.00000. NP2: q1=15.00000, q84.00000, q8.00000 Principal axes: T 3.2110, P10.0000, Az=33.0000, N 0.1850, P19.0000, Az=152.0000, P -3.3910, P19.0000, Az=249.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

ISC 03 06:30:56.2:0.7, 151S:02:1773W:0.1, h35km, n46, c052/12, mb4.3/8, MS4.1/17, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAO, RAO, RAO, HNR, URZ, PPT, PPT, PPT, TBI, TBI, RPZ, CTA, TAOE, RKT, STKA, STKA, WRA, WRA, ASAR, GUMO, MJAR, ASJ, ASJ, KSR, NVAR, TTA, MCMT, TXAR, TXAR, DLMT, CHMT, IMW, MAW, MAW, PLCA, ULM, ARCS, ARCS, GRF, GRF, KHC, KHC, GERES.

Table with columns: CDF, LOR, AVF, GSB, SMF, BGF, LPL, CAG. Includes station names, coordinates, and various codes.

IDC 03 06:33:48.2:1.3, 2197N:14323E, h0km, mb3.4/4, mb1 3.7/4, mb1mx3.5/1.9, mbtmp3.4/4, Error ellipse: s-maj=54.0km s-min=27.1km az=94.0, Mariana Islands region

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

ISCJB 03 06:38:18.9:0.5, 3770N:002:2298E:003, h12km, 8km, Error ellipse: s-maj=4.2km s-min=3.8km az=12.5, CSEM 03 06:38:19.6:0.1, 3770N:2298E, h12km, ML3.0, Error ellipse: s-maj=1.6km s-min=1.6km az=100.0, ATH 03 06:38:19.0, 37.71N:2297E, h4km, MD3.0/6, NEIC 03 06:38:19.0, 37.71N:2297E, h4km, MD3.0(ATH), After

THE 03 06:38:19.9, 3770N:2298E, h2km, ML3.0, ISC 03 06:38:19.3:0.5, 3769N:002:2299E:003, h17km, 7km, n16, c054/29, Southern Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DID, DID, LTK, LTK, NAIG, NAIG, NAIG, NAIG, VLX, VLX, VLX, VLX, KVR, KVR, KVR, LKR, LKR, LKR, LKR, VLI, VLI, VLI, ITM, ITM, ITM, SELA, SELA, SELA, RLS, RLS, PYL, PYL, AGG, AGG, AGG.

IDC 03 06:42:18.3:3.0, 2225N:14232E, h0km, mb3.3/3, mb1 3.6/3, mb1mx3.4/1.7, mbtmp3.3/3, Error ellipse: s-maj=387.3km s-min=30.3km az=108.0, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA, WRA, ASAR, YKA, CSEM, ISCJB, ISK, DDA, ISC.

IDC 03 07:20:29.3:22.0, 2227S-17636W, h310km, 158km, mb3.4/6, mb1 3.5/7, mb1mx3.3/1.8, mbtmp3.5/7, MS3.4/2, Ms1 3.4/2, ms1mx2.6/2.0, Error ellipse: s-maj=236.4km s-min=42.9km az=57.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ, RPZ, PPT, CTA, CTA, STKA, ASAR, WRA, FITZ.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, STKA, MKAR, YKA, TXAR.

IDC 03 07:36:34.4:0.6, 5324N:160.13E, h0km, mb4.0/16, mb1 4.2/16, mb1mx4.1/2.4, mbtmp4.0/16, Error ellipse: s-maj=20.8km s-min=15.1km az=144.0, ISCJB 03 07:36:41.3:0.5, 5314N:004:16037E:008, h74km, 4km, mb3.9/21, Error ellipse: s-maj=9.4km s-min=4.4km az=36.9, MOS 03 07:36:41.3:3.0, 5319N:15989E, h38km, mb4.5/4, Error ellipse: s-maj=13.1km s-min=6.8km az=79.0, NEIC 03 07:36:42.4:1.4, 5325N:160.23E, h1km, 14km, mb4.1/3, Error ellipse: s-maj=17.8km s-min=10.8km az=151.0, SRD 03 07:36:42.0, 5321N:160.04E, h41km, 31km, ML4.4, ISC 03 07:36:42.4:0.5, 5313N:004:16034E:008, h67km, 4km, n57, c128/73, mb3.9/21, 2C, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SPN, SPN, SPN, NLC, AVH, AVH, AVH, PET, PET, PET, PET, KII, KII, RUS, RUS, GRL, GRL, GNL, GNL, GNL, MYK, MYK, MKZ, MKZ, TUMR, TUMR, TUMR, MIPR, MIPR, KMR, KMR, KMR, KOZ, KOZ, KOZ, KL, KL, KL, KBR, KBR, KBR, SRK, SRK, SRK, SKR, SKR, SKR.

ISC 03 07:36:42.4:0.5, 5313N:004:16034E:008, h67km, 4km, n57, c128/73, mb3.9/21, 2C, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YSS, BILL, BILL, ERM, VAK, VLA, MJAR, TIXI, TIXI, TTA, TTA, TTA, KDAK, KDAK, KDAK, COLA, EGAK, INK, INK, INK, TLY, TLY, YAK, YAK, KURK, MKAR, BVAR, ARCS, ARCS, ARU, ARU, ARU, NVAR, NVAR, NVAR, FINES, FINES, FINES, FINES, FINES, NB2, NOA, NOA, NOA, SCHO, SCHO, SCHO, WMOK, WMOK, WMOK, KIV, KIV, KIV, TXAR, TXAR, TXAR, WRA, WRA, WRA, ASAR, ASAR, ASAR.

NEIC 03 07:45:54.1:3.2, 317S:13981E, h47km, 28km, mb4.5/4, Error ellipse: s-maj=22.3km s-min=17.7km az=61.0, ISCJB 03 07:45:57.2:3.3, 338S:009:1397E:0.1, h90km, 22km, mb4.0/6, Error ellipse: s-maj=19.1km s-min=14.6km az=18.9











2007 MAY

3d 11h

Table with columns for station code, name, time, and status. Includes stations like KKM Kota Kinabalu, BHP Batarasa, OTRP Odiongan, etc.

Table with columns for station code, name, time, and status. Includes stations like CHG Chiang Mai, CHTO Chiang Mai, FORT Kunming, etc.

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





















3d 17h

Table with columns: Station ID, Name, Frequency, Power, Direction, and other metrics. Includes stations like BEKR Beckworth, LHEM Herd Peak, Y03A Glendale, etc.

2007 MAY

Table with columns: Station ID, Name, Frequency, Power, Direction, and other metrics. Includes stations like X15A Humboldt, U13A Pakoan Wash, KDAA Kodiak Island, etc.

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Table with columns: Station ID, Name, Frequency, Power, Direction, and other metrics. Includes stations like F05A White Salmon, Y19A Nutrioso, R14A James Farms, etc.





3d 17h

2007 MAY

Table with multiple columns containing names, codes, dates, and various alphanumeric identifiers. The table is organized into several vertical sections, likely representing different categories or regions. Each entry typically includes a name, a code, a date, and several alphanumeric strings.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Saint Saulge, La Chapelle, Avril sur Air, etc.

ISC/JCB 07:13:44.66:1.0, 3832N-003:2037E, 0.07h, 1.0km, Error ellipse: s-maj=9.1km s-min=3.7km az=156.0

CSEM 07:13:44.7:0.2, 3834N-2045E, h2km, MD3.5, Error ellipse: s-maj=4.8km s-min=1.8km az=64.0

ATH 07:13:44.7:0.2, 3830N-2040E, h10km, 4km, MD3.5/After NEIC 07:13:44.7:0.5, 3833N-2045E, h4km, MD3.5(ATH), After ATH.

THE 07:13:44.7:0.4, 3832N-2041E, h3km, ML3.7 ISC 07:13:44.66:7.1.1, 3830N-004:2036E, 0.08h, 5km, 6km, n22, r183/30, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Valsamata, Annata, Riolos of Patr, etc.

ISC 07:14:31.4:1.1, 333S-13084E, h0km, mb3.7/6, mb1 3.8/8, mb1mx3.8/4, mb1mx3.7/8, ML3.8/2, Error ellipse: s-maj=47.5km s-min=20.1km az=77.0

ISC/JCB 07:14:31.5:2.2, 335S-004:13073E, 0.09h, 15km, 16km, mb4.4/25, MS4.4/2, Error ellipse: s-maj=15.3km s-min=6.4km az=166.0

NEIC 07:14:31.36:7.0, 6.327S-13080E, h10km, mb4.3/8, Error ellipse: s-maj=19.7km s-min=7.7km az=70.0

BUI 07:14:31.36:8.372S-13096E, h7km, mb4.6, mb4.6, Ms4.3, Ms4.1

ISC 07:14:39.0:2.2, 338S-004:13080E, 0.09h, 27km, 16km, n44, r1524/53, mb4.4/25, MS4.5/2, ID, Seram

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

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

ISC 07:18:49.5:1.3, 1045N-6204W, h0km, mb3.5/4, mb1 3.8/6, mb1mx3.6/22, mb1mx3.7/6, ML2.7, MS3.4/2, Ms1 3.4/2, ms1mx2.7/31, Error ellipse: s-maj=25.7km s-min=19.7km az=140.0

ISC/JCB 07:18:51.4:0.6, 1032N-002:6219W, 0.02h, 12km, 4km, mb3.7/5, Error ellipse: s-maj=4.6km s-min=3.1km az=144.4

NEIC 07:18:52.8, 1042N-6216W, h10km, MD3.9(TRN), After FUNIV 07:18:52.8, 1036N-6218W, h10km, MW3.6

TRN 07:18:53.4, 1037N-6209W, h13km, MD3.9, Ms3.7(FDF) ISC 07:18:52.0:0.5, 1034N-002:6220W, 0.02h, h3km, km, n44, r0599/66, mb3.7/5, 4C-2D, Near coast of Venezuela

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Yellowknife Ar, DAVOX Davos/Dischmat, etc.

NEIC 03:18:23:27.4, 3837Sx17592E, h204km, MG3.9(WEL), After WEL, North Island

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

ISC 03:18:38.9:2.6, 853S-11283E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.4/16, mb1mx3.4/3, Error ellipse: s-maj=145.8km s-min=25.5km az=48.0, Jawa

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

NEIC 07:18:37.0:0.4, 190N-14300E, h38km, Mw3.8 Best double couple: M6.08000x1014 NP1:0.321, 0.00000, 0.856, 0.00000, 1.108, 0.00000, NP2:0.112, 0.00000, 0.838, 0.00000, 1.666, 0.00000

MOS 07:18:37.4:7.0, 9.4190N-143.12E, h58km, mb4.4/1, Error ellipse: s-maj=24.3km s-min=11.9km az=89.0

ISC/JCB 07:18:37.4:5.1, 0.6, 4187N-004:1430E, 0.1, h5.9km, 4km, mb3.9/3, Error ellipse: s-maj=13.4km s-min=7.0km az=2.2

JMA 07:18:37.46:8.0, 2.4194N-14297E, h39km, 1km, M3.7 Broadband fault plane solution: P waves. NP1: s=153.00000, 0.822, 0.00000, 1.99, 0.00000, NP2: s=323.00000, 0.868, 0.00000, 1.86, 0.00000, Principal axes: T P1g67.0000, Azm226.0000, N P1g4.0000, Azm324.0000, P P1g23.0000, Azm56.0000

JMA Felt J1.1 NEIC 07:18:37.46:1.0, 7.4197N-143.13E, h48km, 6km, mb4.0/1 Error ellipse: s-maj=19.1km s-min=8.9km az=97.0

NEIC Recorded (1 JMA) in south-central Hokkaido. ISC 07:18:37.48:1.2, 1.4192N-14309E, h69km, 16km, mb3.6/8, mb1 3.6/11, mb1mx3.5/24, mb1mx3.6/11, MS2.6/1, Ms1 2.6/1, ms1mx2.2/31, Error ellipse: s-maj=37.4km s-min=12.9km az=90.0

ISC 07:18:37.46:5.0, 5.4192N-004:1430E, 0.1, h48km, 4km, n27, r087/35, mb3.9/9, 2C-3D, Hokkaido region

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

ISC/JCB 07:18:38:28.5:1.0, 1152N-003:124.41E, 0.03h, 13km, 6km, mb3.8/4, Error ellipse: s-maj=5.3km s-min=4.7km az=178.6

MAN 03:18:28:28, 1150N-124.99E, h7km, mb5.0, ML3.9, MS4.0





3d 20h

Table with columns: DRGR, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Yambol, Buzias, Panagyurishte, etc.

SKHL 03 20:23:28.61.9, 5250N, 13960E, h10km, mb4.0/2,

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

NEIC 03 20:33:08.0, 3143S, 6961W, h2km, ML3.7(GUC), After GUC

GUC 03 20:33:08.0, 6.3143S, 6961W, h2km, 3km, MD3.8, ML3.7, 7C-5D, San Juan Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Combarbala, Ovalle, Tololo Astrono, etc.

IDC 03 20:34:32.3, 3.0, 3379S, 17891W, h0km, mb4.0/2,

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

ISCJB 03 20:38:10.7, 0.6, 1034N, 005, 6218W, 0.03, h2km, 7km, Error ellipse: s-maj=9.2km s-min=5.3km az=166.6

FUNV 03 20:38:10.6, 1035N, 6212W, h14km, MW3.0

ISC 03 20:38:10.7, 0.7, 1035N, 005, 6218W, 0.03, h1km, 5km, n13, c078/21, 1C-2D, Near coast of Venezuela

2007 MAY

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

ISCJB 03 20:43:38.0, 3.0, 3053N, 004, 1421E, 0.1, h33km, mb3.7/6, MS4.3/2, Error ellipse: s-maj=15.9km s-min=3.4km az=165.2

JMA 03 20:43:38.1, 0.2, 3060N, 14244E, h50km, M3.8

NEIC 03 20:43:40.7, 0.7, 3041N, 14210E, h35km, mb4.1/1, Error ellipse: s-maj=30.0km s-min=14.0km az=81.0

IDC 03 20:43:40.8, 4.4, 3042N, 14218E, h34km, 37km, mb3.4/5, mb1.3, 7.9, mb1mx3.5/2.1, mbtmp3.6/9, ML3.4/4, MS4.3/2, Ms1.4, 3/2, ms1mx2.9/2.5, Error ellipse: s-maj=42.6km s-min=6.6km az=65.6

ISC 03 20:43:40.6, 0.6, 3052N, 004, 1421E, 0.1, h35km, n25, c15/3/4, mb3.7/6, MS4.3/2, Southeast of Honshu

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

IDC 03 20:52:04.7, 0.5, 359N, 12743E, h0km, mb4.7/26, mb1.4, 7/26, mb1mx4.7/29, mbtmp4.7/26, MS4.2/16, Ms1.4, 2/16, ms1mx4.1/23, Error ellipse: s-maj=27.8km s-min=10.4km az=72.0

MOS 03 20:52:08.0, 0.9, 363N, 12742E, h33km, 8.5, 3/27, MS4.1/8, Error ellipse: s-maj=15.6km s-min=6.1km az=108.6

ISCJB 03 20:52:09.0, 0.6, 356N, 003, 12743E, 0.05, h42km, 4km, mb5.0/90, MS4.2/43, Error ellipse: s-maj=8.1km s-min=4.2km az=167.5

BUI 03 20:52:08.3, 334N, 12733E, h52km, mb5.1, mb5.0, Ms4.4, Ms2.3

NEIC 03 20:52:10.4, 0.9, 359N, 12751E, h42km, 8km, 8.5, 1/22, Error ellipse: s-maj=8.6km s-min=4.0km az=76.0

GCMT 03 20:52:10.4, 0.3, 377N, 12749E, h2 km, km, MW5.0/69, Moment Tensor Solution, 338, 047, s69, c11, Duration: 0 Moment tensor: Scaple 1016N; Mw=1.73; Ms=2.22; 10; Mw=0.49; 14; Mw=2.79; 25; Mw=2.34; 09; Mw=1.86; 27; Best double couple: Mw4.50300x1016

NP1: 333.00000°, 643.00000°, λ=24.00000°. NP2: 681.00000°, 674.00000°, λ=131.00000°. Principal axes: P 4.0850, Plg19.0000°, Azm200.0000°; N 0.8330, Plg39.0000°, Azm94.0000°; P -4.9220, Plg45.0000°, Azm310.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 03 20:52:11.3, 0.5, 355N, 003, 12744E, 0.05, h47km, 4km, h33km, 2.0km, pP-P, n19, c09/98/215, mb5.0/90, MS4.2/43, 14C-9D, Talau Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ternate, General Santos, Mati, Davao City, Musuan, Pagadian, Surigao, etc.

80

Table with columns: WSI, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Waingapu, Kakadu, Kuching, Taipei, etc.









s-min=22.9km az=139.0
NEIC 03 22:09:56.4.4.4, 3413S, 17857W, h40km, 33km, mb4.5/4,
Error ellipse: s-maj=44.0km s-min=21.4km az=191.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like URZ Urewera, Rata Peaks, Tasmania Univ, etc.

NEIC 03 23:04:00.7, 3513Sx7161W, h61km, MD3.5(GUC), After GUC.

NEIC Felt [I] at Curico, Licanten, Pencahue, Romeral and Talca.
GUC 03 23:04:00.7-0.6, 3513Sx7161W, h61km, 4km, MD3.5,
ML3.6, 2D, Central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Los Niches, San Fernando, Longovilo, etc.

MOS 03 23:18:53.0.2.5, 4265N-4560E, h111km, mb3.6/1, 5C-3D,
Error ellipse: s-maj=32.2km s-min=10.7km az=36.0,

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

IDC 04 00:00:33.4.2.9, 3380Sx17889W, h0km, mb4.1/3,
mb1.4/2.4, mb1mx3.9/15, mbtmp4.1/4, ML3.9/1, Error
ellipse: s-maj=62.7km s-min=44.4km az=124.0,

ISCJB 04 00:00:37.4.1.2, 3390Sx0.10x179.1W-02, h33km, mb4.3/6,
Error ellipse: s-maj=20.6km s-min=12.9km az=18.1,

NEIC 04 00:00:37.9.0.3, 3377Sx17881W, h35km, mb4.3/2, Error
ellipse: s-maj=20.6km s-min=16.2km az=101.0,

ISC 04 00:00:39.1.1.2, 3405Sx1790W-02, h35km, n12,
o=076/12, mb4.3/6, South of Kermadec Islands

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

FINES FINESS Array B 148.14 337 PKPbc PKPbc 00 20 19.5 -0.8
1.2nm, 0.7s, baz=46, slow=4.0, SNR=7.5

MOS 04 00:06:40.2.1.3, 5504Nx112.10E, h14km, mb4.4/1, Error
ellipse: s-maj=20.1km s-min=12.5km az=74.8

BYKL 04 00:06:39.8.0.2, 5506N11213E, h15km, gkm, 3C-1D,
Lake Baykal region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KMO Kumora, YOA Uoyan, SVKR Severomuyk, etc.

ISCJB 04 00:27:29.3.3.3, 1198S-006-7820W-007, h22km, 24km,
mb4.0/15, MS3.7/8, Error ellipse: s-maj=13.0km

ISCJB 04 00:27:33.5.3.3, 1197S-7804W, h39km, 28km, mb3.7/8,
mb1.3/8/11, mb1mx3.7/20, mbtmp3.7/11, ML3.5/3, MS3.7/9,
M1.3/7.9, ms1mx3.4/23, Error ellipse: s-maj=32.0km
s-min=14.9km az=65.0

NEIC 04 00:27:33.2.0.4, 1192S-7804W, h35km, mb4.3/3, Error
ellipse: s-maj=12.7km s-min=5.9km az=47.0

NEIC Felt at Lima.
ISC 04 00:27:32.5.3.4, 1198S-005-7812W-007, h31km, 25km,
n37, o=89/33, mb4.0/15, MS3.7/8, Off coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Los Niches, San Fernando, Longovilo, etc.

MOS 03 23:18:53.0.2.5, 4265N-4560E, h111km, mb3.6/1, 5C-3D,
Error ellipse: s-maj=32.2km s-min=10.7km az=36.0,

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

IDC 04 00:00:33.4.2.9, 3380Sx17889W, h0km, mb4.1/3,
mb1.4/2.4, mb1mx3.9/15, mbtmp4.1/4, ML3.9/1, Error
ellipse: s-maj=62.7km s-min=44.4km az=124.0,

ISCJB 04 00:00:37.4.1.2, 3390Sx0.10x179.1W-02, h33km, mb4.3/6,
Error ellipse: s-maj=20.6km s-min=12.9km az=18.1,

NEIC 04 00:00:37.9.0.3, 3377Sx17881W, h35km, mb4.3/2, Error
ellipse: s-maj=20.6km s-min=16.2km az=101.0,

ISC 04 00:00:39.1.1.2, 3405Sx1790W-02, h35km, n12,
o=076/12, mb4.3/6, South of Kermadec Islands

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

comp=Z, 5.0nm, 0.6s smax
TLY Talaya 6.10 240 eSg Smax 00 09 48.0 -7.5

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

IDC 04 00:15:22.9.3.3, 3374Sx17902W, h0km, mb3.5/2,
mb1.3/8/3, mb1mx3.6/14, mbtmp3.6/3, ML3.5/1, Error
ellipse: s-maj=74.1km s-min=37.4km az=114.0, South
of Kermadec Islands

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

ISCJB 04 00:27:29.3.3.3, 1198S-006-7820W-007, h22km, 24km,
mb4.0/15, MS3.7/8, Error ellipse: s-maj=13.0km

ISCJB 04 00:27:33.5.3.3, 1197S-7804W, h39km, 28km, mb3.7/8,
mb1.3/8/11, mb1mx3.7/20, mbtmp3.7/11, ML3.5/3, MS3.7/9,
M1.3/7.9, ms1mx3.4/23, Error ellipse: s-maj=32.0km
s-min=14.9km az=65.0

NEIC 04 00:27:33.2.0.4, 1192S-7804W, h35km, mb4.3/3, Error
ellipse: s-maj=12.7km s-min=5.9km az=47.0

NEIC Felt at Lima.
ISC 04 00:27:32.5.3.4, 1198S-005-7812W-007, h31km, 25km,
n37, o=89/33, mb4.0/15, MS3.7/8, Off coast of Peru

NEIC 04 00:27:32.5.3.4, 1198S-005-7812W-007, h31km, 25km,
n37, o=89/33, mb4.0/15, MS3.7/8, Off coast of Peru

NEIC Felt at Lima.
ISC 04 00:27:32.5.3.4, 1198S-005-7812W-007, h31km, 25km,
n37, o=89/33, mb4.0/15, MS3.7/8, Off coast of Peru

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

MOS 03 23:18:53.0.2.5, 4265N-4560E, h111km, mb3.6/1, 5C-3D,
Error ellipse: s-maj=32.2km s-min=10.7km az=36.0,

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

IDC 04 00:00:33.4.2.9, 3380Sx17889W, h0km, mb4.1/3,
mb1.4/2.4, mb1mx3.9/15, mbtmp4.1/4, ML3.9/1, Error
ellipse: s-maj=62.7km s-min=44.4km az=124.0,

ISCJB 04 00:00:37.4.1.2, 3390Sx0.10x179.1W-02, h33km, mb4.3/6,
Error ellipse: s-maj=20.6km s-min=12.9km az=18.1,

NEIC 04 00:00:37.9.0.3, 3377Sx17881W, h35km, mb4.3/2, Error
ellipse: s-maj=20.6km s-min=16.2km az=101.0,

ISC 04 00:00:39.1.1.2, 3405Sx1790W-02, h35km, n12,
o=076/12, mb4.3/6, South of Kermadec Islands

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

NEIC 04 00:41:09.0.1.5, 3946N-579E, h10km, ML2.7(LDG), Error
ellipse: s-maj=19.0km s-min=5.8km az=147.0

MDD 04 00:41:09.4.1.5, 3929N-579E, h0km, mb3.7/5, Error
ellipse: s-maj=16.9km s-min=7.9km az=149.0, PRXIMO
ISCJB 04 00:41:10.3.0.4, 3973N-005-562E-005, h10km, Error
ellipse: s-maj=8.1km s-min=4.1km az=151.9







ellipse: s-maj=29.8km s-min=11.8km az=73.0
MAN 04 03:12:20.1021N,12532E,h169km,mb4.3,ML3.2,MS3.0
IDC 04 03:12:21.3-8.6,1012N,12537E,h222km,81km,mb3.4/6,
mb1 3.5/6,mb1mx3.1/8,mbtmpr3.4/6, Error ellipse:
s-maj=90.5km s-min=17.0km az=66.0
ISC 04 03:12:19.0-0.7,1018N,006:1253E:01,h197km,6km,n19,
o#578/21,mb3.7/8,1,C,Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Maasin, Tagbiliran, Musuan, etc.

ISCJB 04 03:14:30.2-0.5,3944N,002:2078E:004,h9km,5km,
Error ellipse: s-maj=3.8km s-min=3.6km az=19.3
ATH 04 03:14:30.1,3943N:2072E,h17km,5km,MD3.2/6
NEIC 04 03:14:30.1,3943N:2072E,h17km,MD3.2(ATH),After
ATH

CSEM 04 03:14:30.9-0.1,3944N:2076E,h1km,MD3.2,Error
ellipse: s-maj=1.8km s-min=1.3km az=107.0
ISC 04 03:14:31.1,3944N:2077E,h1km,ML2.9
THE 04 03:14:31.0-0.4,3945N:002:2076E:004,h14km,5km,n21,
o#154/33,Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Janina, Igoumenitsa, Metsovon, etc.

MAN 04 03:34:26.914N,12601E,h134km,mb4.4,ML3.3,MS3.1,
Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Musuan, Tagbiliran.

ISCJB 04 03:43:29.8-0.6,3060S:005:17928W:009,h172km,6km,
mb4.5/15, Error ellipse: s-maj=14.3km s-min=5.9km
az=22.9
IDC 04 03:43:30.0-0.6,3002S:17889W,h208km,5km,mb4.0/10,
mb1 4.3/11,mb1mx4.2/15,mbtmpr4.0/11, Error ellipse:
s-maj=14.2km s-min=12.2km az=168.0
NEIC 04 03:43:32.0-0.9,3024S:17901W,h198km,6km,mb4.6/8,
Error ellipse: s-maj=12.8km s-min=10.3km az=114.1

ISC 04 03:43:30.7-1.3,3067S:005:17921W:010,h166km,6km,
n125,o#1947/123,mb4.5/15,1C-1D,Kermadec Islands
region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Raoul Island, Matakaoa Point, Musuan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Kapiti Island, Mount Morrison, Cannon Point, etc.

FOZ Fox Glacier 15.61 211 Pn Pn 03 47 01.0 -0.7
FOZ Fox Glacier 15.61 211 Pn Pn 03 46 59.8 -1.9
FOZ Fox Glacier 15.61 211 Pn Pn 03 46 59.8 -1.9

ODZ Otauhu Downs 16.42 206 eP Pn 03 47 12.1 +0.5
ODZ Otauhu Downs 16.42 206 eP Pn 03 47 12.1 +0.5
JCZ Jackson Bay 16.42 212 eP Pn 03 47 12.2 +0.5
JCZ Jackson Bay 16.42 212 eP Pn 03 47 11.3 -0.3

WKZ Wanaka 16.90 210 eP Pn 03 47 18.4 +1.0
WKZ Wanaka 16.90 210 eP Pn 03 47 16.3 -1.1
CTA Charters Tower 32.82 280 P Pn 03 49 49.6 +1.1

CTA Charters Tower 32.82 280 P Pn 03 49 49.6 +1.1
CTA Charters Tower 32.82 280 P Pn 03 49 49.6 +1.1
CTA Charters Tower 32.82 280 P Pn 03 49 49.6 +1.1

STKA Stephens Creek 33.40 258 eP Pn 03 49 55.7 +2.2
STKA Stephens Creek 33.40 258 eP Pn 03 49 55.7 +2.2
STKA Stephens Creek 33.40 258 eP Pn 03 49 55.7 +2.2

ASAR Alice Springs 42.06 268 S ScP 03 51 06.4 +0.2
ASAR Alice Springs 42.06 268 S ScP 03 51 06.4 +0.2
ASAR Alice Springs 42.06 268 S ScP 03 51 06.4 +0.2

WRA Warramunga Arr 43.07 273 P Pn 03 51 13.3 -1.0
WRA Warramunga Arr 43.07 273 P Pn 03 51 13.3 -1.0
WRA Warramunga Arr 43.07 273 P Pn 03 51 13.3 -1.0

WBA Tennant Creek 43.06 273 eP Pn 03 51 13.7 -0.6
WBA Tennant Creek 43.06 273 eP Pn 03 51 13.7 -0.6
WBA Tennant Creek 43.06 273 eP Pn 03 51 13.7 -0.6

VNDA Vanda 47.73 185 eP Pn 03 51 53.6 +3.4
VNDA Vanda 47.73 185 eP Pn 03 51 53.6 +3.4
VNDA Vanda 47.73 185 eP Pn 03 51 53.6 +3.4

FITZ Fitzroy Crossi 51.32 271 eP Pn 03 52 18.2 0.0
FITZ Fitzroy Crossi 51.32 271 eP Pn 03 52 18.2 0.0
FITZ Fitzroy Crossi 51.32 271 eP Pn 03 52 18.2 0.0

CASY Casey 54.22 208 eP Pn 03 52 40.6 +0.4
CASY Casey 54.22 208 eP Pn 03 52 40.6 +0.4
CASY Casey 54.22 208 eP Pn 03 52 40.6 +0.4

MBWA Marble Bar 55.16 264 eP Pn 03 52 45.7 -0.6
MBWA Marble Bar 55.16 264 eP Pn 03 52 45.7 -0.6
MBWA Marble Bar 55.16 264 eP Pn 03 52 45.7 -0.6

GSPA South Pole Qui 59.45 180 P Pn 03 53 18.3 +3.0
GSPA South Pole Qui 59.45 180 P Pn 03 53 18.3 +3.0
GSPA South Pole Qui 59.45 180 P Pn 03 53 18.3 +3.0

SYO Sydney 76.62 191 eP Pn 03 55 00.5 -2.0
MJAR Matsushiro Arr 76.87 326 P Pn 03 55 03.5 -4.5
SNAAS SNAAS 77.92 179 eP Pn 03 55 10.1 +0.4

VNAZ Neumayer-Watz 78.53 177 e P 03 55 13.7 +0.7
VNAZ Neumayer-Watz 78.53 177 e P 03 55 13.7 +0.7
VNAZ Neumayer-Watz 78.53 177 e P 03 55 13.7 +0.7

VNA1 Neumayer-Stat 78.77 177 e P 03 55 15.3 +1.0
VNA1 Neumayer-Stat 78.77 177 e P 03 55 15.3 +1.0
VNA1 Neumayer-Stat 78.77 177 e P 03 55 15.3 +1.0

PLCA Paso Flores 82.08 134 P Pn 03 55 37.5 -0.2
PLCA Paso Flores 82.08 134 P Pn 03 55 37.5 -0.2
PLCA Paso Flores 82.08 134 P Pn 03 55 37.5 -0.2

CFAA Coronel Fontan 89.91 127 P Pn 03 56 09.6 -1.6
CFAA Coronel Fontan 89.91 127 P Pn 03 56 09.6 -1.6
CFAA Coronel Fontan 89.91 127 P Pn 03 56 09.6 -1.6

TXAR Lajitas Arr 93.41 58 P Pn 03 56 22.8 -4.4
TXAR Lajitas Arr 93.41 58 P Pn 03 56 22.8 -4.4
TXAR Lajitas Arr 93.41 58 P Pn 03 56 22.8 -4.4

YSK Yellowstone Arr 106.13 270 PKK Pbc 04 12 54.1 -4.1
YSK Yellowstone Arr 106.13 270 PKK Pbc 04 12 54.1 -4.1
YSK Yellowstone Arr 106.13 270 PKK Pbc 04 12 54.1 -4.1

LSZ Luska 127.26 214 ePK Pbc 04 02 14.6 -1.5
ARCES ARCES Array B 138.62 347 PKP PKPbc 04 02 23.5
ARCES ARCES Array B 138.62 347 PKP PKPbc 04 02 23.5

ARCES ARCES Array B 138.62 347 PKP PKPbc 04 02 23.5
ARCES ARCES Array B 138.62 347 PKP PKPbc 04 02 23.5
ARCES ARCES Array B 138.62 347 PKP PKPbc 04 02 23.5

ARCES ARCES Array B 138.62 347 PKP PKPbc 04 02 23.5
ARCES ARCES Array B 138.62 347 PKP PKPbc 04 02 23.5
ARCES ARCES Array B 138.62 347 PKP PKPbc 04 02 23.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Almayashu, Uchtor, Erkin-Say, etc.

ALM Almayashu 4.37 8 P Pn 03 58 19.4 -3.1
ALM Almayashu 4.37 8 P Pn 03 57 32.9 +0.7
ALM Almayashu 4.37 8 P Pn 03 57 32.9 +0.7

Uchtor 4.60 16 eP Pn 03 57 36.1 +0.8
Uchtor 4.60 16 eP Pn 03 57 36.1 +0.8
Uchtor 4.60 16 eP Pn 03 57 36.1 +0.8

Erkin-Say 4.90 8 eP Pn 03 57 40.1 +0.8
Erkin-Say 4.90 8 eP Pn 03 57 40.1 +0.8
Erkin-Say 4.90 8 eP Pn 03 57 40.1 +0.8

Ala-Archa 4.98 14 P Pn 03 57 41.0 +0.6
Ala-Archa 4.98 14 P Pn 03 57 41.0 +0.6
Ala-Archa 4.98 14 P Pn 03 57 41.0 +0.6

Ala-Archa 4.98 14 P Pn 03 57 41.0 +0.6
Ala-Archa 4.98 14 P Pn 03 57 41.0 +0.6
Ala-Archa 4.98 14 P Pn 03 57 41.0 +0.6

Chumysh 5.38 15 P Pn 03 57 46.9 +1.1
Chumysh 5.38 15 P Pn 03 57 46.9 +1.1
Chumysh 5.38 15 P Pn 03 57 46.9 +1.1

Tokmak 2 5.52 22 eP Pn 03 57 49.8 +2.1
Tokmak 2 5.52 22 eP Pn 03 57 50.4 +2.7
Tokmak 2 5.52 22 eP Pn 03 57 49.8 +2.1

Karayat Array 5.58 342 P Pn 03 57 47.6 -0.8
Karayat Array 5.58 342 P Pn 03 57 47.6 -0.8
Karayat Array 5.58 342 P Pn 03 57 47.6 -0.8

Osobovka 5.60 13 P Pn 03 57 49.2 +0.5
Osobovka 5.60 13 P Pn 03 57 49.2 +0.5
Osobovka 5.60 13 P Pn 03 57 49.2 +0.5

Thein Dam 5.86 155 eP Pn 03 57 53.8 +1.5
Thein Dam 5.86 155 eP Pn 03 57 53.8 +1.5
Thein Dam 5.86 155 eP Pn 03 57 53.8 +1.5

Makanchi Array 11.38 35 eP Pn 03 58 07.5 -0.9
MKAR Makanchi Array 11.38 35 eP Pn 03 58 07.5 -0.9
MKAR Makanchi Array 11.38 35 eP Pn 03 58 07.5 -0.9

Dangsing 13.49 135 eP Pn 03 59 27.4 -1.7
Dangsing 13.49 135 eP Pn 03 59 27.4 -1.7
Dangsing 13.49 135 eP Pn 03 59 27.4 -1.7

Kurchatov 13.55 16 eP Pn 03 59 33.0 -0.6
Kurchatov 13.55 16 eP Pn 03 59 31.7 -2.3
Kurchatov 13.55 16 eP Pn 03 59 33.0 -0.6

Gorkha 13.92 131 eP Pn 03 59 38.3 -0.7
Kakan 14.46 130 eP Pn 03 59 45.9 0.0
Damian 14.49 131 eP Pn 03 59 45.1 -0.1

Gumba 14.74 128 eP Pn 03 59 49.1 -0.3
Jiri 15.11 128 eP Pn 03 59 54.6 +0.5
Jiri 15.11 128 eP Pn 03 59 54.6 +0.5

Borovoye Array 15.31 354 P Pn 03 59 55.5 -0.8
Borovoye Array 15.31 354 P Pn 03 59 55.5 -0.8
Borovoye Array 15.31 354 P Pn 03 59 55.5 -0.8

Aktubinsk 16.46 325 P Pn 04 00 10.0 -0.5
Aktubinsk 16.46 325 P Pn 04 00 10.0 -0.5
Aktubinsk 16.46 325 P Pn 04 00 10.0 -0.5

Zalvo Beam 18.13 23 P Pn 04 00 29.8 +0.7
Zalvo Beam 18.13 23 P Pn 04 00 29.8 +0.7
Zalvo Beam 18.13 23 P Pn 04 00 29.8 +0.7

Malin Array 33.30 307 eP Pn 04 02 59.1 +7.0
Yellowknife Arr 79.86 4 P Pn 04 08 28.1 +1.1
Yellowknife Arr 79.86 4 P Pn 04 08 28.1 +1.1

ISC 04 05:25:32.2-1.3,839S:15680E,h0km,mb3.9/4,mb1 4.1/5,
mb1mx3.9/14,mbtmpr4.0/5,ML4.8/1,MS3.4/4,MS1 3.3/4,
ms1mx3.0/15, Error ellipse: s-maj=38.8km
s-min=24.1km az=172.0,Bougainville - Solomon
Islands region

HNR Honiara 3.28 109 Pn Pn 04 28 24.9 0.0
HNR Honiara 3.28 109 Pn Pn 04 27 06.2 +1.6
HNR Honiara 3.28 109 Pn Pn 04 27 06.2 +1.6

CTA Charters Tower 15.47 220 LR LR 04 34 04.4
WRA Warramunga Arr 24.56 240 P Pn 04 30 55.4 +1.3
WRA Warramunga Arr 24.56 240 P Pn 04 30 55.4 +1.3

Alice Springs 26.62 323 P Pn 04 31 11.8 -1.3
Alice Springs 26.62 323 P Pn 04 31 11.8 -1.3
Alice Springs 26.62 323 P Pn 04 31 11.8 -1.3

Stevens Creek 27.28 209 LR LR 04 42 01.7 -1.3
Makanchi Array 85.62 318 P Pn 04 38 13.2 +0.6
Yellowknife Arr 96.72 28 P Pn 04 39 03.7 -0.6

ISC 04 05:02:59.7-1.1,3305N:14232E,h0km,mb3.4/4,
mb1 3.7/7,mb1mx3.6/21,mbtmpr3.6/7,ML3.8/2,Error
ellipse: s-maj=23.1km s-min=22.1km az=72.0
ISC 04 05:03:01.1-1.2,3330N:005:14245E:009,h42km,12km,
mb3.6/8, Error ellipse: s-maj=12.6km s-min=7.8km
az=158.8
JMA 04 05:03:02.0-0.3,3333N:14244E,h73km,M3.5
NEIC 04 05:03:05.4-2.8,3325N:142.16E,h51km,22km,mb3.9/1,
Error ellipse: s-maj=37.5km s-min=24.2km az=61.0
ISC 04 05:03:02.1-2.0,3327N:005:14246E:008,h29km,17km,
n19,o#813/1,mb3.6/5,Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Boso 1, Boso 2, Boso 3, etc.







Table of astronomical observations for 2007 May, including columns for station name, time, magnitude, and position. Includes stations like HBR, YSS, KLB, etc.

Table of astronomical observations for 2007 May, including columns for station name, time, magnitude, and position. Includes stations like ARU, CHGN, KBD, etc.

Table of astronomical observations for 2007 May, including columns for station name, time, magnitude, and position. Includes stations like SKO, OHR, TIR, etc.



NEIC Felt at Cuernavaca, Mitla and Oaxaca.
BUJ 04 10:21:10.7, 17.20N-96.80W, h70km, mb5.2, Ms2.4, B
SZGRF 04 10:21:29.2, 17.45N-96.14W, h35km, mb5.4, Oaxaca, Mexico

ISC 04 10:21:10.8-0.3, 17.44N-002.9656W-0.02, h45km, mb2km, h63km, 2.1km, pp-P, n648, t1920/632, mb5.0/13, MS4.0/24, 88C-71D, Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time Res, ISC. Lists various seismic stations and their parameters.

Table with columns: GLAT, Glass, PVMO, Portageville, Y19A, Nutrisso, etc. Lists various seismic stations and their parameters.

Table with columns: ARUT, Antelope Range, SHPR, Sheep Range, S13A, Holt Ranch, etc. Lists various seismic stations and their parameters.



MTK	Monte Pirata	29.52	84	eP	P	10 27 09.7	-1.4
K12A	Draper Farm, C	29.58	332	UP	P	10 27 11.3	-0.1
RLMT	Red Lodge	29.58	342	eP	P	10 27 11.2	-0.1
L11A	Cat Creek Ranch	29.61	330	eP	P	10 27 11.9	+0.3
PAHR	Pah Rah Range	29.74	323	eP	P	10 27 13.4	+0.5
N08A	GE Springers MI	29.78	326	UP	P	10 27 13.3	+0.1
J13A	Cove Ranch, Pi	29.88	334	UP	P	10 27 13.8	-0.2
L10A	Juniper Basin	29.88	329	P	P	10 27 14.4	+0.4
M09A	Marre Ranch,	29.89	327	P	P	10 27 14.5	+0.4
LAVA	Lava Cap Winer	29.94	320	P	P	10 27 14.9	+0.3
BRNJ	Basking Ridge	29.94	35	eP	P	10 27 12.7	-1.9
HLID	Halley	30.11	334	P	P	10 27 16.6	+0.6
J12A	Stokes Ranch,	30.16	332	UP	P	10 27 16.8	+0.3
ATAH	Alathualpa	30.20	142	P	P	10 27 17.6	+0.5
P05C	Yuba Gap, Truc	30.20	321	UP	P	10 27 17.3	+0.4
K11A	Parker Ranch,	30.20	331	UP	P	10 27 17.2	+0.3
N07B	Gerlach	30.24	325	UP	P	10 27 17.4	+0.2
I13A	Wildhorse Cree	30.27	334	UP	P	10 27 17.9	+0.4
BINY	Binghamton	30.30	31	eP	P	10 27 16.3	-1.5
M08A	Happy Creek Ra	30.39	326	UP	P	10 27 18.8	+0.3
BEKR	Beckworth	30.41	322	P	P	10 27 19.1	+0.4
L09A	Wilkinson Ranch	30.43	328	P	P	10 27 18.8	-0.1
MCMT	McKenzie Canyo	30.54	337	eP	P	10 27 20.4	+0.6
K10A	MacKenzie Ranch	30.61	330	UP	P	10 27 20.6	+0.2
MFID	Camas Ranch	30.61	332	UP	P	10 27 20.3	-0.2
G15A	Dillon	30.69	338	UP	P	10 27 21.2	0.0
N06A	Buffalo Meadow	30.70	324	P	P	10 27 21.6	+0.4
EYMN	Ely	30.71	7	eP	P	10 27 20.4	-0.8
OHCN	Honcut	30.75	320	eP	P	10 27 21.6	-0.2
M07A	Soldier Meadow	30.77	326	UP	P	10 27 21.6	-0.3
AGMN	Agassiz Refuge	30.78	1	eP	P	10 27 20.4	-1.5
O05C	Quincy	30.80	322	UP	P	10 27 22.1	-0.1
BOZ	Bozeman (W)	30.81	339	eP	P	10 27 23.9	+1.7
BOZ	Bozeman (W)	30.81	339	eP	P	10 27 23.9	+1.7
BOZ	Bozeman (W)	30.81	339	eP	P	10 27 22.4	+0.3
H13A	Challis	30.87	335	UP	P	10 27 23.2	+0.5
SUTB	Sutter Butte	30.87	320	UP	P	10 27 22.8	0.0
ORV	Oroville	30.89	321	P	P	10 27 23.1	+0.1
L08A	Fields	30.90	328	P	P	10 27 23.1	0.0
DLMT	Dillon	30.90	338	eP	P	10 27 23.3	+0.3
K09A	Rome	30.96	329	P	P	10 27 23.6	0.0
I11A	Placerville	31.06	332	P	P	10 27 24.6	+0.2
H12A	Diamond D Ranch	31.10	334	UP	P	10 27 25.0	+0.3
G14A	Jackson	31.12	337	UP	P	10 27 25.8	+0.9
O04C	Chester	31.13	322	P	P	10 27 25.5	+0.4
WVOR	Wild Horse Val	31.23	328	eP	P	10 27 24.9	-1.0
WVOR	Wild Horse Val	31.23	328	eP	P	10 27 24.9	-1.0
LRM	Limekin Ridge	31.25	338	eP	P	10 27 26.2	+0.2
F15A	Butte	31.28	338	P	P	10 27 26.2	-0.1
G13A	Cobalt	31.30	336	UP	P	10 27 26.9	+0.4
L07A	Adell	31.30	326	UP	P	10 27 26.0	-0.6
M06C	Likely Place G	31.36	324	P	P	10 27 27.2	+0.1
J09A	Fry Pan Ranch,	31.46	330	P	P	10 27 28.1	+0.1
HATC	Hat Creek Radi	31.67	323	UP	P	10 27 29.7	-0.1
GASB	Alder Springs	31.70	320	UP	P	10 27 30.7	+0.6
H11A	Donnelly	31.71	333	UP	P	10 27 30.4	+0.3
M07A	Rock Creek Ran	31.73	327	P	P	10 27 30.1	-0.2
KOD	Modoc	31.74	325	eP	P	10 27 29.8	-0.6
MOD	Modoc	31.74	325	UP	P	10 27 29.7	-0.7
J08A	Circle Bar Ran	31.82	329	P	P	10 27 30.9	-0.2
E15A	Deer Lodge	31.83	339	P	P	10 27 30.9	-0.3
M05C	Lookout	31.84	324	UP	P	10 27 30.8	-0.5
F13A	Darby	31.91	336	UP	P	10 27 31.8	-0.1
I09A	Lost Marbles R	31.93	330	UP	P	10 27 31.4	-0.6
H10A	Noah's Angus R	31.95	332	UP	P	10 27 31.6	-0.6
L05A	Lakeview	31.92	325	UP	P	10 27 33.2	-0.6
E14A	Clinton	32.13	338	UP	P	10 27 33.1	-0.6
QUA2	Belchertown	32.24	35	eP	P	10 27 32.3	-2.5
J07A	Hines	32.25	328	UP	P	10 27 34.5	-0.4
F12A	Elk City	32.25	335	UP	P	10 27 34.5	-0.4
I08A	Drewsey	32.27	330	UP	P	10 27 34.7	-0.4
ACCN	Adirondack Com	32.33	32	eP	P	10 27 34.0	-1.6
D15A	Lincoln	32.33	339	UP	P	10 27 35.4	-0.2
BBSR	BB Station	32.35	57	eP	P	10 27 34.8	-1.2
EGMT	Eagleton	32.36	343	eP	P	10 27 37.0	+1.2
EGMT	Eagleton	32.36	343	UP	P	10 27 35.0	-0.8
G11A	Walters Elk Ra	32.38	334	P	P	10 27 35.5	-0.5
BMO	Blue Mountains	32.40	332	eP	P	10 27 33.1	-3.1
E13A	Victor	32.41	337	UP	P	10 27 35.4	-0.8
H09A	Durkee	32.42	331	UP	P	10 27 35.8	-0.5
CHMT	Chamberlain Mo	32.47	338	eP	P	10 27 36.5	-0.3
NCBT	Namber	32.48	31	eP	P	10 27 35.2	-1.7
M04C	Macdoel	32.51	324	UP	P	10 27 36.7	-0.5
MSO	Missoula	32.64	338	eP	P	10 27 37.7	-0.6
MSO	Missoula	32.64	338	eP	P	10 27 37.7	-0.6
G10A	Bishop Farm, J	32.66	333	P	P	10 27 37.2	-1.2
D14A	Greenough	32.70	338	UP	P	10 27 38.4	-0.4
F11A	Grangeville	32.72	334	UP	P	10 27 38.6	-0.4
ULM	Lac du Bonnet	32.74	1	P	P	10 27 36.7	-2.3
ULM	Lac du Bonnet	32.74	1	P	P	10 27 36.7	-2.3
ULM	Lac du Bonnet	32.74	1	P	P	10 27 36.7	-2.3

ULM	comp=Z,16nm,0.7s,mb5.0,baz=177,slow=9.3,SNR=22					10 27 55.2	+4.1
ULM	comp=Z,10nm,0.6s,baz=188,slow=11,SNR=5.0					10 42 43.1	
N02C	Big Bar	32.76	321	UP	P	10 27 38.8	-0.7
H08A	Prairie City	32.78	330	UP	P	10 27 38.7	-0.8
L0NY	Lake Ozona	32.79	30	eP	P	10 27 38.5	-1.1
HRV	Adam Dzewonsk	32.83	35	eP	P	10 27 38.4	-1.6
I07A	Izee	32.86	329	UP	P	10 27 39.4	-0.8
WES	Weston	32.88	36	eP	P	10 27 39.5	-0.9
WES	Weston	32.88	36	eP	P	10 27 39.5	-0.9
WES	Weston	32.88	36	eP	P	10 27 39.5	-0.9
YBH	Yank Blue Hor	32.98	323	UP	P	10 27 39.6	-1.7
D13A	Huson	33.05	337	UP	P	10 27 41.3	-0.5
I06A	Prineville	33.11	328	UP	P	10 27 41.8	-0.7
E11A	Bogner Ranch,	33.12	335	UP	P	10 27 41.7	-0.8
J05A	Fort Rock	33.18	326	UP	P	10 27 43.3	+0.2
F10A	Beach Ranch, E	33.24	333	UP	P	10 27 43.6	+0.1
H07A	Lands Inn, Kim	33.26	329	UP	P	10 27 42.8	-0.9
HNH	Hanover	33.26	33	eP	P	10 27 43.2	-0.6
F09A	S2 Ranch, Elgi	33.33	332	UP	P	10 27 43.3	-1.0
D12A	Red Ives Fores	33.36	336	UP	P	10 27 43.7	-0.8
C14A	Swan Lake	33.38	339	UP	P	10 27 43.9	-0.8
FRNY	Flat Rock	33.42	30	eP	P	10 27 43.9	-1.2
FFD	Franklin Falls	33.43	34	eP	P	10 27 44.4	-0.8
C13A	Hot Springs	33.59	338	UP	P	10 27 45.7	-0.8
J04A	Umpqua Nationa	33.62	325	UP	P	10 27 46.8	-0.1
B13A	Whitefish	34.14	339	P	P	10 27 50.7	-0.7
J02A	Umpqua	34.51	324	UP	P	10 27 53.9	-0.7
A13A	Fieldand Natio	34.60	339	UP	P	10 27 55.7	+0.4
B12A	Libby	34.62	338	UP	P	10 27 55.5	0.0
KEBM	East Butte	34.63	323	eP	P	10 28 21.3	+1.4
H04A	Detroit Lake	34.64	327	P	P	10 27 55.1	-0.6
C10A	Spilker Farm,	34.75	335	UP	P	10 27 56.8	+0.3
B11A	Sandpoint	34.89	337	UP	P	10 27 57.5	-0.2
F05A	White Salmon	35.12	329	UP	P	10 27 59.9	+0.1
NNA	Nana	35.13	145	P	P	10 27 57.5	-2.7
H03A	Soap Creek Ran	35.22	326	UP	P	10 28 00.6	-0.1
WVL	Waterville	35.23	34	eP	P	10 27 60.0	-0.8
E06A	Yakima	35.27	330	UP	P	10 28 02.3	+0.4
B09A	Rice	35.57	335	P	P	10 28 03.5	-0.1
E05A	Randle	35.75	330	UP	P	10 28 05.3	+0.1
PKME	Peaks-Kenny Pk	35.89	33	eP	P	10 28 05.7	-0.8
B08A	Colville Reser	36.01	334	UP	P	10 28 07.0	-0.4
D05A	Enumclaw	36.31	330	UP	P	10 28 09.7	-0.3
A08A	Turner Farm, O	36.44	335	UP	P	10 28 11.2	+0.1
EMMW	East Machias	36.53	36	eP	P	10 28 10.8	-1.1
GNW	Great Mountain	36.59	330	eP	P	10 28 14.8	-0.9
FFC	Flin Flon	37.45	355	P	P	10 28 18.1	-1.5
FFC	Flin Flon	37.45	355	eP	P	10 28 18.3	-1.3
FFC	Flin Flon	37.45	355	eP	P	10 28 18.3	-1.3
EDM	Edmonton	38.05	344	eP	P	10 28 23.6	-1.0
LPAZ	La Paz	43.68	139	eP	P	10 29 09.7	-1.8
LPAZ	La Paz	43.68	139	eP	P	10 29 27.8	+4.0
SCHO	Schefferville	43.73	25	P	P	10 29 09.4	-2.0
SCHO	Schefferville	43.73	25	P	P	10 29 12.5	
YKA	Yellowknife Ar	46.75	349	P	P	10 29 33.2	-2.0
YKA	Yellowknife Ar	46.75	349	P	P	10 29 50.7	+3.0
YKA	Yellowknife Ar	46.75	349	P	P	10 31 05.0	-2.9
YK3	Yellowknife Ar	46.81	349	eP	P	10 29 34.1	-1.6
SIV	San Ignacio	48.24	332	P	P	10 29 44.5	-2.9
SIV	San Ignacio	48.24	332	P	P	10 30 04.2	+4.3
LCO	Las Campanas	52.50	151	eP	P	10 30 17.5	-1.9
DAWY	Dawson	54.88	339	eP	P	10 30 34.6	-1.7
RKT	Rikitea	55.09	224	eLR	LR	10 46 30.3	
RKT	Rikitea	55.09	224	eLR	LR	11 28 16.4	
MENT	Mentasta	55.82	336	eP	P	10 30 40.0	-1.2
EGAK	Eagle	55.92	339	eP	P	10 30 40.2	-3.6
INK	Inuvik	55.94	344	eP	P	10 30 42.1	-1.8
RES	Resolute Bay	57.27	1	eP	P	10 30 51.1	-2.2
PMR	Palmer	57.38	333	eP	P	10 30 53.0	-1.3
PMR	Palmer	57.38	333	eP	P	10 30 53.0	-1.3
KDAK	Kodiak Island	57.50	328	LR	LR	10 55 59.9	
CPUP	Villa Florida	57.84	138	P	P	10 30 54.2	-3.8
CPUP	Villa Florida	57.84	138	P	P	10 31 19.6	+3.6
CPUP	Villa Florida	57.84	138	P	P	10 30 54.2	-3.8
CPUP	Villa Florida	57.84	138	P	P	10 31 19.6	+3.6
CPUP	Villa Florida	57.84	138	P	P	10 55 05.1	
BDFB	Brasilia	58.12	226	eP	P	10 30 57.2	-2.5
BDFB	Brasilia	58.12	226	eP	P	10 56 33.5	
MCK	McKinley	58.26	336	eP	P	10 30 59.0	

4d 10h

Table with columns: Station Name, Elevation, Frequency, Band, Mode, and other parameters. Includes stations like ETSF, Etsaut, LFF, La Frestale, etc.

2007 MAY

Table with columns: Station Name, Elevation, Frequency, Band, Mode, and other parameters. Includes stations like VWF, Saint-Julien-I, ABH, Alteberg, etc.

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Table with columns: Station Name, Elevation, Frequency, Band, Mode, and other parameters. Includes stations like GTA, LFF, LFF, La Frestale, etc.

IDC 04 10:37:32.71.3.5586N:162.60E, h0km, mb3.6/4, mb1 4.0/5, mb1mx3.6/20, mbtrp3.7/5, ML3.2/1, MS2.9/2, Ms1 2.9/2, ms1mx2.6/23, Error ellipse: s-maj=109.5km s-min=22.1km az=141.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and Residual. Includes stations like KBTR, Krutoberegovo, Zelenaya, etc.



4d 12h

Table with columns: Name, Time, Date, Status, and Value. Includes entries like EBAN Banos Encina, EBAN Banos Encina, EBAN Banos Encina, etc.

2007 MAY

Table with columns: Name, Time, Date, Status, and Value. Includes entries like ELIZ Elizondo, ELIZ Elizondo, ELIZ Elizondo, etc.

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Table with columns: Name, Time, Date, Status, and Value. Includes entries like ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, ORIF Oris-en-Rattie, etc.

VLI	Veliari	51.74	39	eP	P	12 16 00.0 -0.6
VAM	Vamos	51.76	41	eP	P	12 16 02.0 +1.3
KEK	Kerkira	51.83	34	eP	P	12 16 00.0 -1.2
CPZ	Penzance	51.95	8	eP	P	12 16 01.3 -0.5
CCA1	Carmenellis	52.02	8	eP	P	12 16 01.7 -0.7
LOMR	Lomond	52.14	12	eP	P	12 16 01.2 -0.9
CSA1	St Austell	52.23	8	eP	P	12 16 03.5 -0.5
TUE	Stuetta	52.24	21	eP	P	12 16 03.0 -1.1
KMBO	Kilima Mbogo	52.29	90	eP	P	12 16 05.9 +0.8
KMBO	comp=Z,81nm,1.4s			pmx	pmx	
KMBO	comp=Z,24um,20.0s	52.29	90	eP	P	12 16 05.9 +0.8
KMBO	comp=Z,81nm,1.4s,mb5.6			LR	LR	
KMBO	comp=Z,24um,20.0s,MS6.2	52.29	90	eP	P	12 16 04.3 -0.8
KMBO	comp=Z,14nm,0.9s,mb4.9,baz=255,slow=7.8,SNR=25			LR	LR	12 36 33.5
KMBO	comp=Z,28um,18.5s,MS6.3,baz=255,slow=34			LR	LR	
JAN	Janina	52.39	35	eP	P	12 16 09.0 +3.7
EVR	Ervyrtana	52.45	36	eP	P	12 16 06.0 +0.2
BBS	Basel-Blauen	52.46	19	eP	P	12 16 04.2 -1.5
HNF	Hinterfall	52.56	18	eP	P	12 16 03.3 -3.2
HAU	Haudompre	52.77	18	eP	P	12 16 03.7 -2.8
HAU	comp=Z,123nm,1.0s,mb5.5			eMLR	MLR	
HAU	comp=Z,18um,22.8s,MS5.8	52.57	18	eP	P	12 16 03.7 -2.8
HAU	Haudompre			pmx	pmx	
HAU	comp=Z,61nm,1.0s,mb5.5			MLR	MLR	
HAU	comp=Z,18um,22.8s,MS6.0	52.57	18	eP	P	12 16 03.7 -2.8
HAU	comp=Z,61nm,1.0s,mb5.5			LR	LR	
NPS	Nesopolis	52.61	42	eP	P	12 16 10.0 +2.9
MEZF	Maizieres J'vi	52.63	17	eP	P	12 16 04.5 -2.5
MEZF	comp=Z,267nm,1.4s,mb5.7					
MEZF	Maizieres J'vi	52.63	17	eP	P	12 16 04.5 -2.5
MEZF	comp=Z,267nm,1.4s,mb5.0					
THEF	They Montfort	52.66	18	eP	P	12 16 05.5 -1.7
MOF	Molkenrain	52.68	19	eP	P	12 16 07.9 +0.6
DAVOX	Davos/Dischmat	52.69	21	eP	P	12 16 05.6 -1.8
DAVOX	comp=Z,127nm,0.9s,mb5.8,baz=228,slow=6.6,SNR=20					
DAVOS	Davos	52.71	21	eP	P	12 16 05.6 -2.0
NVL1	Novallia	52.81	27	eP	P	12 16 10.6 +1.5
NVL2	Novallia	52.91	27	eP	P	12 16 10.6 +1.5
HTL	Hartland	52.92	8	eP	P	12 16 08.6 -0.4
HTL	comp=Z,70nm,1.2s,mb5.5			Amb	Amb	12 16 16.8
STON	Ston	52.97	30	eP	P	12 16 10.6 +1.1
FELD	Feldberg im Sc	52.99	19	eP	P	12 16 07.6 -2.0
LKR	Lokris	52.99	37	eP	P	12 16 10.5 +0.7
THL	Klokotos Trika	53.00	36	eP	P	12 16 11.0 +1.1
KBN	Korca	53.01	34	eP	P	12 16 14.5 +4.6
ATH	Athens Observa	53.01	38	eP	P	12 16 10.5 +0.6
ECH	Echery	53.01	18	eP	P	12 16 06.5 -3.2
HEX	Exmoor	53.09	9	eP	P	12 16 09.6 -0.7
DAVA	Damuels	53.12	21	eP	P	12 16 08.6 -2.0
QSH	Qafa e Shtames	53.14	33	eP	P	12 16 10.6 +5.1
SANT	Santoro	53.15	41	eP	P	12 16 10.3 -0.8
SANT	comp=Z,91nm,0.9s,mb5.5					
FETA	Feichten	53.21	22	eP	P	12 16 08.9 -2.4
CDF	Champ du Feu	53.22	18	eP	P	12 16 08.3 -3.0
CDF	comp=Z,42nm,0.9s,mb5.4			pmx	pmx	
CDF	Champ du Feu	53.22	18	eP	P	12 16 08.3 -3.0
CDF	comp=Z,42nm,0.9s,mb5.4			pmx	pmx	
VAL	Valentia	53.25	4	eP	P	12 16 13.3 +1.9
MTP	Monte Pirata	53.30	294	eP	P	12 23 49.1 +6.5
CHR	Chrid	53.31	33	eP	P	12 16 16.0 +3.5
KZN	Kozani	53.35	35	eP	P	12 16 14.8 +2.0
SPAK	Spaichingen-Ko	53.44	20	eP	P	12 16 10.7 -2.3
BFO	Black Forest	53.49	19	eP	P	12 16 12.0 -1.3
BFO	comp=Z,120nm,1.3s,mb5.7			pmx	pmx	
BFO	Black Forest	53.49	19	eP	P	12 16 11.2 -2.1
BFO	comp=Z,130nm,1.3s,mb5.7			LR	LR	
BFO	comp=Z,13um,19.0s,MS6.0			LR	LR	
PUK	Puka	53.50	32	eP	P	12 16 18.1 +4.6
PUK	comp=Z,108nm,1.8s,mb5.5,SNR=14			PN	PN	
NEO	Neokhori	53.55	37	eP	P	12 16 14.0 +0.1
SEST	Monte Rota	53.55	23	eP	P	12 16 13.8 0.0
SQTA	Sankt Quirin	53.56	22	eP	P	12 16 12.0 -1.8
SQTA	comp=Z,110nm,1.0s,mb5.8,SNR=45					
SQTA	Sankt Quirin	53.56	22	eP	P	12 16 12.0 -1.8
SQTA	comp=Z,110nm,1.0s,mb5.7			pmx	pmx	
HUMP	Col San Antoni	53.59	294	eP	P	12 16 19.1 +4.5
AFE	Apeiranthos	53.61	40	eP	P	12 16 16.0 +1.6
AFE	Apeiranthos	53.61	40	eP	P	12 16 14.9 +0.5
JAVS	Javornik	53.61	25	eP	P	12 16 14.6 +0.4
JAVS	comp=Z,119nm,1.0s,mb5.5			eS	eS	12 16 19.1 +1.6
JAVS	comp=Z,119nm,1.0s,mb5.5			eS	eS	12 23 46.3 -1.4
RETA	Reutte	53.62	22	eP	P	12 16 11.8 -2.4
RETA	comp=Z,52nm,0.9s,mb5.3,SNR=9.1					
CPD	Cerro La Cruz	53.62	294	eP	P	12 16 18.7 +3.9
MOTA	Moosalm	53.62	22	eP	P	12 16 12.4 -1.9
MOTA	comp=Z,172nm,1.6s,mb5.7,SNR=14					
MOTA	Moosalm	53.62	22	eP	P	12 16 12.4 -1.9
MOTA	comp=Z,172nm,1.6s,mb5.7			pmx	pmx	
VOY	Vojsko	53.65	25	eP	P	12 16 13.4 -1.1
VOY	comp=Z,119nm,1.0s,mb5.5			e	e	12 16 16.6 -1.1
VOY	comp=Z,119nm,1.0s,mb5.5			e	e	12 16 25.3
ABTA	Abfaltersbach	53.67	23	eP	P	12 16 13.4 -1.2
MENF	Mencas	53.76	14	eP	P	12 16 15.5 +0.2
KRUS	Krusevo	53.77	34	eP	P	12 16 15.4 -0.1
WATA	Walderalm	53.78	22	eP	P	12 16 13.9 -1.6
WATA	comp=Z,134nm,1.5s,mb5.7,SNR=7.4					
WATA	Walderalm	53.79	22	eP	P	12 16 13.9 -1.6
WATA	comp=Z,134nm,1.5s,mb5.7			pmx	pmx	
HGH	Gray Hill	53.80	9	eP	P	12 16 14.8 -0.7
BAIF	Baives	53.81	15	eP	P	12 16 12.6 -3.0
BAIF	comp=Z,166nm,1.0s,mb5.6					
BAIF	Baives	53.81	15	eP	P	12 16 12.6 -3.0
BAIF	comp=Z,83nm,1.0s,mb5.6			pmx	pmx	
BAIF	Baives	53.81	15	eP	P	12 16 12.6 -3.0
BAIF	comp=Z,83nm,1.0s,mb5.6					
BOJS	Bojanci	53.81	26	eP	P	12 16 16.8 +1.1
BOJS	comp=Z,119nm,1.0s,mb5.5			eP	eP	12 16 20.8 +1.8
BOJS	comp=Z,119nm,1.0s,mb5.5			eS	eS	12 23 46.2 -4.3
KAP	Karpatos	53.83	43	eP	P	12 16 18.5 +2.4
SWN1	Swindon	53.85	10	eP	P	12 16 15.2 -0.6
SWN1	comp=Z,270nm,1.2s,mb5.0			Amb	Amb	12 16 23.5
LANF	Lanzenberg	53.89	18	eP	P	12 16 14.3 -1.9
LJU	Ljubljana	53.93	25	eP	P	12 16 16.2 -0.3
LJU	comp=Z,119nm,1.0s,mb5.5			i	i	12 16 21.7
LJU	comp=Z,119nm,1.0s,mb5.5			eS	eS	12 23 52.1 +0.1
DOU	Dourbes	53.95	16	eP	P	12 16 17.4 +0.8
DOU	comp=Z,14nm,1.0s,mb4.8			AP	AP	12 16 20.7 +0.8
DOU	comp=Z,14nm,1.0s,mb4.8			XP	XP	12 16 21.5 +0.5
DOU	comp=Z,14nm,1.0s,mb4.8			E	E	12 16 28.1
DOU	comp=Z,14nm,1.0s,mb4.8			E	E	12 16 44.8
WLF	Walferdange	53.99	17	eP	P	12 16 18.1 +1.1
WLF	comp=Z,94nm,1.3s,mb5.6			pmx	pmx	
WLF	Walferdange	53.99	17	eP	P	12 16 18.1 +1.1
WLF	comp=Z,94nm,1.3s,mb5.6					
WLF	Walferdange	53.99	17	eP	P	12 16 17.9 +0.9
WLF	comp=Z,94nm,1.3s,mb5.6					
WLF	Walferdange	53.99	17	eP	P	12 16 17.0 0.0
WLF	comp=Z,190nm,1.7s,mb5.8					
GIVF	Givet	54.02	16	eP	P	12 16 14.1 -3.0
GIVF	comp=Z,129nm,1.0s,mb5.5					
GIVF	Givet	54.02	16	eP	P	12 16 14.1 -3.0
GIVF	comp=Z,129nm,1.0s,mb5.5			pmx	pmx	
GIVF	Givet	54.02	16	eP	P	12 16 14.1 -3.0
GIVF	comp=Z,65nm,1.0s,mb5.5					
GIVF	Givet	54.02	16	eP	P	12 16 14.1 -3.0
GIVF	comp=Z,65nm,1.0s,mb5.5					

MCH1	Michaelchurch	54.12	9	eP	P	12 16 16.7 -1.1
MCH1	comp=Z,82nm,1.3s,mb5.5			Amb	Amb	12 16 16.7
MCH1	comp=Z,82nm,1.3s,mb5.5					12 16 24.8
HTR	Treuren Hill	54.16	9	eP	P	12 16 17.0 -1.1
STU	Stuttgart	54.16	20	eP	P	12 16 17.2 -1.0
HAE	Halders End	54.23	9	eP	P	12 16 17.3 -1.3
SKP1	Kopphill	54.23	11	eP	P	12 16 16.6 -2.1
KBA	Koelnbreinspre	54.27	24	eP	P	12 16 17.5 -1.5
KBA	Koelnbreinspre	54.27	24	eP	P	12 16 17.5 -1.5
KBA	comp=Z,50nm,1.2s,mb5.3,SNR=15			pmx	pmx	
SKO	Skojpe	54.28	33	eP	P	12 16 20.4 +1.1
SISC	Sisak	54.29	27	eP	P	12 16 19.6 +0.4
SISC	Sisak	54.29	27	eP	P	12 16 19.6 +0.4
RUP	Ruppelstein	54.30	18	eP	P	12 16 17.2 -2.0
LPZ	LPZ	54.32	25	eP	P	12 16 18.6 -1.4
LPZ	comp=Z,14nm,0.7s,mb5.0,baz=95,slow=3.6,SNR=28			LR	LR	12 38 39.0
PLG	Polz	54.32	25	eP	P	12 16 20.5 +0.7
FUR	Furstenfeldbru	54.32	21	eP	P	12 16 18.6 -1.2
FUR	comp=Z,17um,18.2s,MS6.2,baz=312,slow=35			pmx	pmx	
FUR	Furstenfeldbru	54.32	21	eP	P	12 16 18.6 -1.2
FUR	comp=Z,17um,18.2s,MS6.2,baz=312,slow=35			pmx	pmx	
FUR	Furstenfeldbru	54.32	21	eP	P	12 16 18.6 -1.2
FUR	comp=Z,17um,18.2s,MS6.2,baz=312,slow=35					
BCLA	Clavier	54.43	16	eP	P	12 16 21.3 +1.1
BCLA	comp=Z,193nm,1.0s,mb5.0			E	E	12 16 31.4
VAY	Valandovo	54.47	34	eP	P	12 16 22.1 +1.5
FURI	Furi	54.49	78	eP	P	12 16 22.2 +0.9
FURI	comp=Z,119nm,1.0s,mb5.5			eP	eP	12 16 24.2 +0.2
UCC	Uccle	54.53	15	eP	P	12 16 21.9 +1.1
UCC	comp=Z,14nm,0.7s,mb5.0,baz=95,slow=3.6,SNR=28			AP	AP	12 16 24.5 +0.5
UCC	comp=Z,14nm,0.7s,mb5.0,baz=95,slow=3.6,SNR=28			E	E	12 19 40.0
ABH	Alteburg	54.60	18	eP	P	12 16 20.6 -0.9
TOD	Tromm	54.75	19	eP	P	12 16 20.6 -1.8
DAT	Datt	54.76	42	eP	P	12 16 24.5 +1.8
ROD	Bodrum	54.77	41	eP	P	12 16 20.8 -2.0
BEMT	Membach	54.80	16	eP	P	12 16 24.5 +1.7
BEMT	comp=Z,119nm,1.0s,mb5.0			E	E	12 16 37.3
SMG	Samos	54.83	40	eP	P	12 16 24.5 +1.2
BIRM	Kayabasi	54.86	41	eP	P	12 16 24.5 +1.6
BEBN	Eben Emael	54.88	16	eP	P	12 16 24.2 +0.8
BEBN	comp=Z,119nm,1.0s,mb5.5			XP	XP	12 16 28.1 +0.4
DSB	Dublin	54.88	6	eP	P	12 16 23.7 +0.3
DCN	Croghan	54.88	6	eP	P	12 16 22.1 -1.3
DLF	Lyons Farm	54.91	6	eP	P	12 16 22.6 -1.0
HGN	Heimangroove	54.92	16	eP	P	12 16 22.2 -1.5
HGN	comp=Z,163nm,2.0s,mb5.7					
HGN	Heimangroove	54.92	16	eP	P	12 16 25.7 -1.0
HGN	comp=Z,163nm,2.0s,mb5.7			PP	PP	12 24 04.6 +0.6
SBD1	Bryn Du	54.96	9			











4d 13h

Table with columns: STA, comp, Az, El, P, Pmax, Time, Res. Includes stations like Gaotai, Nanjing, Fitzroy Crossi, etc.

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Table with columns: STA, comp, Az, El, P, Pmax, Time, Res. Includes stations like Zalesovo, Matsumuro, etc.

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Table with columns: STA, comp, Az, El, P, Pmax, Time, Res. Includes stations like Geres, CLL, NB2, etc.

IDC 04 13:07:46.1.3, 2190N:14344E, h0km, mb3.3/5, mb1 3.5/5, mb1mx3.4/19, mbtm3.3/5, Error ellipse: s-maj=51.2km s-min=24.7km az=85.0, Mariana Islands region

Table with columns: Code, Station Name, Az, El, P, Pmax, Time, Res. Includes stations like Sonm, Wra, ASAR, etc.

NEIC 04 13:06:57.4, 3147S:6965W, h149km, MD3.5(GUC), After GUC

GUC 04 13:06:57.4, 0.7, 3147S:6965W, h149km, MD3.5, MD3.3, 5.7, 8D, San Juan Province

Table with columns: Code, Station Name, Az, El, P, Pmax, Time, Res. Includes stations like CMCH, OVCH, etc.

IDC 04 13:22:42.4.4.3, 699S:15526E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/13, mbtm3.3/3, Error ellipse: s-maj=120.7km s-min=37.7km az=118.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, El, P, Pmax, Time, Res. Includes stations like Wra, Sonm, MKAR, etc.

IDC 04 13:34:01.3.1, 0.2150S:17524W, h0km, mb4.0/6, mb1 4.2/6, mb1mx4.0/15, mbtm4.0/6, Error ellipse: s-maj=57.7km s-min=22.9km az=151.0

NEIC 04 13:34:03.0, 6.0, 2.131S:17532W, h15km, mb4.2/2, Error ellipse: s-maj=30.5km s-min=10.8km az=137.0

ISC/JB 04 13:34:04.9, 0.8, 2.155S:03:17537W, h33km, mb4.0/8, Error ellipse: s-maj=49.9km s-min=17.3km az=148.2

ISC 04 13:34:06.8, 0.8, 2.135S:03:1754W, h2, h35km, n12, 0584/11, mb4.0/8, Tonga Islands

Table with columns: Code, Station Name, Az, El, P, Pmax, Time, Res. Includes stations like Wra, Sonm, MKAR, etc.

IDC 04 13:34:06.8, 0.8, 2.135S:03:1754W, h2, h35km, n12, 0584/11, mb4.0/8, Tonga Islands

IDC 04 13:34:06.8, 0.8, 2.135S:03:1754W, h2, h35km, n12, 0584/11, mb4.0/8, Tonga Islands

IDC 04 13:34:06.8, 0.8, 2.135S:03:1754W, h2, h35km, n12, 0584/11, mb4.0/8, Tonga Islands

Table with columns: Code, Station Name, Az, El, P, Pmax, Time, Res. Includes stations like Afi, Rar, etc.

IDC 04 13:34:06.8, 0.8, 2.135S:03:1754W, h2, h35km, n12, 0584/11, mb4.0/8, Tonga Islands

IDC 04 13:34:06.8, 0.8, 2.135S:03:1754W, h2, h35km, n12, 0584/11, mb4.0/8, Tonga Islands

IDC 04 13:34:06.8, 0.8, 2.135S:03:1754W, h2, h35km, n12, 0584/11, mb4.0/8, Tonga Islands

Table with columns: Code, Station Name, Az, El, P, Pmax, Time, Res. Includes stations like Afi, Rar, etc.













4d 18h

Table with columns: VLS, Valsamata, 1.60 341 ePb, Pn, 17 51 06.0 -0.3, etc.

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

NEIC 04 17:55:18.9, 44.82N, 104.6E, h5km, ML2.7(LDG), ML2.4(ROM), After ROM, ROM 04 17:55:18.9, 0.4, 44.82N, 104.6E, h5km, 3km, Md2.5/16, Md2.4/11, Error ellipse: s-maj=3.0km s-min=2.7km az=12.0

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

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

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

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

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

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

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

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Table with columns: HINF, Hinterfeld, 3.86 321 ePn, Sn, 17 56 18.8 -0.5, etc.

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

ISCJB 04 18:01:24.1±0.4, 60.95S, 007.201W, 0.2, h10km, mb4.4/16, MS4.2/18, Error ellipse: s-maj=12.8km s-min=7.5km az=139.2

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

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

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

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

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

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

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

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Table with columns: LPAZ, La Paz, 56.15 301 P, P, 18 11 07.3 +1.6, etc.

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

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

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

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

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

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

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

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

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







WRA Warramunga Arr 34.05 254 P P 20 36 50.8 +0.1
ASAR Alice Springs 35.00 248 P P 20 36 58.6 -0.2

ISCJB 04 20:37:09.0.5.0.3817N.003.2418E.005, h14km, 5km, Error ellipse: s-maj=6.4km s-min=5.3km az=138.7
CSEM 04 20:37:11.7.0.1.3816N.24.27E, h15km, MD2.7, Error ellipse: s-maj=2.8km s-min=2.7km az=77.0
NEIC 04 20:37:11.5.3817N.2404E, h23km, MD2.7(ATH), After ATH.

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC
PTL Penteli 0.25 243 ePb Pp 20 37 16.0 -0.2
ATH Athens Observa 0.39 241 iIiPb Sg 20 37 18.5 -0.3
KAVR Kavouri 0.45 222 ePb Pp 20 37 23.9
NISOS Nisos Aigina 0.66 233 ePn Pn 20 37 23.2 -1.6

ISC 04 21:08:22.3.1.3.467N.8257W, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.7/21, mbtmp3.6/5, ML3.3/1, MS3.3/6, Ms1 3.3/6, ms1mx3.0/30, Error ellipse: s-maj=56.2km s-min=22.2km az=54.0, South of Panama

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC
JTS JuntasAbangare 6.07 337 Pn Pn 21 09 50.2 -3.1
SDV Santo Domingo 12.57 70 Pn Pn 21 11 23.6 +1.0
TEPIC Tepich 16.43 341 LR LR 21 17 57.4
SJG San Juan 20.89 49 LR LR 21 21 37.7
LPAZ La Paz 25.95 146 P P 21 13 51.3 +1.0

ISC 04 21:17:07.0.1.1.2177N.14320E, h0km, mb3.7/7, mb1 3.9/8, mb1mx3.8/19, mbtmp3.8/8, ML3.4/1, MS3.2/7, Ms1 3.2/7, ms1mx2.9/28, Error ellipse: s-maj=45.4km s-min=20.1km az=84.0, Mariana Islands region

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC
CBJJ Chichijima 5.38 350 Pn Pn 21 18 29.7 +1.2
MJU Nakatsue 15.71 319 LR LR 21 25 47.6
KSRS Korea Arr 20.45 323 P P 21 21 51.3 +5.1
KSRS comp=Z, 48nm, 18.6s, baz=150, slow=34
ASAJ Asahikawa 22.49 349 LR LR 21 28 44.9

ISCJB 04 22:01:10.1.2.0.241S.0.1x1773W.0.2, h114km, 22km, mb3.8/5, Error ellipse: s-maj=28.0km s-min=19.2km az=23.1

NEIC 04 22:01:11.1.1.5.2411S.17726W, h113km, 20km, mb3.6/1, Error ellipse: s-maj=34.2km s-min=13.8km az=116.0
ISC 04 22:01:13.1.5.9.2392S.17728W, h130km, 45km, mb3.5/4, mb1 3.8/5, mb1mx3.5/14, mbtmp3.7/5, Error ellipse: s-maj=49.1km s-min=33.1km az=39.0

ISC 04 22:01:11.2.1.8.241S.01.1773W.0.2, h113km, 20km, m13, c0573/16, mb3.8/5, South of Fiji Islands

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC
RAO Raoul Island 5.14 186 Pn Pn 22 02 25.7 -0.2
RAO Raoul Island 5.14 186 P P 22 02 31.5 +5.6
AFI Afiamalu 11.40 28 ePn Pn 22 05 50.8 +0.1
URZ Urewera 14.88 198 eSn Pn 22 05 48.6 -7.7

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SNAASanae 84.38 178 e P 22 13 29.9 -0.5
SNAASanae 84.38 178 e P 22 13 38.7
VNA2 Neumayer-Watz 84.94 177 e P 22 13 33.3 0.0

IDC 04 22:25:52.8.0.6.5011N.9430E, h0km, mb4.4/16, mb1 4.5/17, mb1mx3.3/24, mbtmp4.4/17, ML4.2/1, MS3.6/5, Ms1 3.6/5, ms1mx3.3/24, Error ellipse: s-maj=23.6km s-min=13.2km az=52.0

SZGRF 04 22:25:56.0.0.586N.9596E, h33km, mb4.7, Northern Sumatra, Indonesia
MOS 04 22:25:56.8.1.0.514N.9445E, h33km, mb4.9/14, Error ellipse: s-maj=12.3km s-min=6.8km az=110.9

NEIC 04 22:25:57.4.0.3.498N.9430E, h30km, mb4.7/15, Error ellipse: s-maj=10.4km s-min=6.5km az=215.0
ISCJB 04 22:25:57.7.1.1.494N.005.9437E.0.05, h46km, 10km, mb4.6/63, MS3.7/13, Error ellipse: s-maj=9.4km s-min=7.0km az=33.8

ISC 04 22:25:59.8.0.9.493N.005.9435E.0.05, h49km, 9km, h43km, 3.1km, pP, n130, c0992/126, mb4.6/62, MS3.7/13, hC-9D, Off west coast of northern Sumatra

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC
PSI Prapat 5.03 115 Pn Pn 22 27 13.5 +0.8
KULM Kulim 6.28 86 ePn Pn 22 27 29.5 -0.4
SNG Songkhla 6.62 70 P Pn 22 27 36.0 +1.5

ISC 04 22:59:59.8.0.9.493N.005.9435E.0.05, h49km, 9km, h43km, 3.1km, pP, n130, c0992/126, mb4.6/62, MS3.7/13, hC-9D, Off west coast of northern Sumatra

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC
QIZ Qiongzong 20.61 46 eP P 22 30 35.2 +0.1
KMI Kunming 21.63 21 P P 22 30 46.9 +0.9
JIRN Jiri 23.90 342 eP P 22 31 09.2 +0.1
DMN Dmanisi 24.21 340 eP P 22 31 11.8 -0.1

ISC 04 22:59:59.8.0.9.493N.005.9435E.0.05, h49km, 9km, h43km, 3.1km, pP, n130, c0992/126, mb4.6/62, MS3.7/13, hC-9D, Off west coast of northern Sumatra

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC
GKN Gorkha 24.73 339 eP P 22 31 16.3 -0.4
LSA Lhasa 24.82 353 P P 22 31 18.0 +0.6
KOLN Koldanda 24.91 337 eP P 22 31 17.9 -0.4
DANN Dangsing 25.37 338 eP P 22 31 22.5 0.0

ISC 04 22:59:59.8.0.9.493N.005.9435E.0.05, h49km, 9km, h43km, 3.1km, pP, n130, c0992/126, mb4.6/62, MS3.7/13, hC-9D, Off west coast of northern Sumatra

Code Station Name Az AzZ Phase ID Time Res ISC h m s ISC
NJ2 Nanjing 35.41 37 eP P 22 32 53.3 +2.1
NJ2 Nanjing 35.41 37 eP P 22 33 03.2 -0.9
FITZ Fitzroy Cross 38.42 127 eP P 22 33 16.0 -0.9
FITZ Fitzroy Cross 38.42 127 eP P 22 33 16.1 -0.8

HHC HHC AP pP 22 33 32.6 -1.5
HHC HHC XP sP 22 33 36.6 -3.3
HHC HHC PP pP 22 34 56.9 +5.8

ISC 04 22:59:59.8.0.9.493N.005.9435E.0.05, h49km, 9km, h43km, 3.1km, pP, n130, c0992/126, mb4.6/62, MS3.7/13, hC-9D, Off west coast of northern Sumatra

JOW Kunigami 39.01 52 P P 22 33 21.8 0.0
WMQ Urumqi 39.17 352 P P 22 33 24.0 +1.2
WMQ comp=Z, 28nm, 1.0s, mb5.0 AMB AMB
WMQ comp=Z, 265nm, 4.0s LR LR

ISC 04 22:59:59.8.0.9.493N.005.9435E.0.05, h49km, 9km, h43km, 3.1km, pP, n130, c0992/126, mb4.6/62, MS3.7/13, hC-9D, Off west coast of northern Sumatra

AML Almaty 41.36 337 eP P 22 33 40.5 -0.5
AAK Ala-Archa 41.48 338 eP P 22 33 41.8 -0.1
MK31 Makanchi Array 42.99 348 eP P 22 33 54.4 +0.2

ISC 04 22:59:59.8.0.9.493N.005.9435E.0.05, h49km, 9km, h43km, 3.1km, pP, n130, c0992/126, mb4.6/62, MS3.7/13, hC-9D, Off west coast of northern Sumatra

WRA Warramunga Arr 46.43 123 P P 22 34 22.2 +0.2
WRAB Warramunga Arr 46.44 123 eP P 22 34 22.1 0.0
WRAB Tennant Creek 46.44 123 eP P 22 34 22.4 +0.3

HIA Hailar 49.14 221 eP P 22 34 41.5 -1.1
ZAL Zalesovo 49.47 353 P P 22 34 44.9 -0.9
ZALV Zalesovo Beam 49.48 353 P P 22 34 44.9 -0.2

MJAR Matsushiro Arr 51.01 46 P P 22 34 57.0 0.0
MJAR Matsushiro Arr 51.01 46 P P 22 34 57.0 0.0
MJAR comp=Z, 0.8nm, 0.6s, mb3.8, baz=214, slow=33, SNR=4.0 LR LR

STKA Stephens Creek 57.95 133 eP P 22 35 43.1 -4.3
STKA Stephens Creek 57.95 133 eP P 22 35 47.0 -0.4
STKA Main Array Be 70.58 133 P P 22 35 50.7 -1.2

ARU Arti 58.67 338 eP P 22 35 50.7 -1.2
ARU Arti 58.67 338 eP P 22 36 39.1 -0.5
ARU comp=Z, 1.1nm, 1.7s, mb4.7 P P 22 37 04.3 -1.9

MA2 Magadan 69.27 27 P P 22 37 02.9 +1.4
TIXI Tiksi 70.06 11 eP P 22 37 04.6 -1.6
TIXI Tiksi 70.06 11 eP P 22 37 04.3 -1.9

AKES Petropavlovsk 70.79 35 P P 22 37 12.3 +1.3
VRI Vriocinia 70.97 317 eP P 22 37 13.1 +0.9
PLOS Plostina 71.02 317 eP P 22 37 13.4 +0.9

PKSM Moragy 76.57 316 eP P 22 37 44.8 -0.3
MORC Moravsky Berou 77.73 320 eP P 22 37 51.7 +0.2
MORC Moravsky Berou 77.73 320 eP P 22 37 51.7 +0.1

BRG Berggiesshobel 80.14 321 eP P 22 38 05.1 +0.4



Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Includes stations like BOZC, PRK, GADA, ENZ, etc.

IDC 05 01:12:01.5, 1.8, 334S, 11923E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.5/16, mbtmp3.5/4, Error ellipse: s-maj=162.7km s-min=22.4km az=60.0, Sulawesi

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Includes stations like WRA, ASAR, SONM, MKAR, etc.

IDC 05 01:19:29.3, 3.301N, 14074E, h55km, 32km, mb3.3/3, mb1 3.6/5, mb1mx3.3/20, mbtmp3.4/5, ML3.2/2, Error ellipse: s-maj=47.3km s-min=15.2km az=92.0

ISCJB 05 01:19:30.3, 0.0, 331.0N, 0.0, 1408.0E, 0.07, h76km, 7km, mb3.0/3, Error ellipse: s-maj=3.8km s-min=0.6km az=13.6

JMA 05 01:19:31.8, 0.1, 331.15N, 140.61E, h66km, 3km, M3.2 JMA Feit 1 J1

ISC 05 01:19:31.5, 0.8, 331.1N, 0.0, 1406.5E, 0.07, h66km, 6km, n19, 0.97/32, mb3.6/3, Southeast of Honshu

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Includes stations like JHJ2, JHJ3, JHJ4, JHJ5, etc.

NIED 05 01:25:00, 35.10N, 135.70E, h20km, Mw3.3 Best double couple: Mo1.010000, 1014 NP1, 0.510000, 0.860000, 1.15000000, NP2, 0.319.00000, 0.8600000, 1.4.0.00000

JMA 05 01:25:14.4, 3513N, 13569E, h11km, M3.5, 1D Broadband flat plane solution: P waves, NP1: 0.226.00000, 0.74.00000, 1.172.00000, NP2: 0.134.00000, 0.82.00000, 1.16.00000, Principal axes: T Plg6.0000, Azm181.0000, N Plg72.0000, Azm290.0000, P Plg171.0000, Azm89.0000, Western Honshu

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Includes stations like JMT, JMW, JWS, etc.

IDC 05 01:37:30.0, 6.7, 1946S, 17652W, h0km, mb3.8/2, mb1 4.1/2, mb1mx3.7/14, mbtmp3.8/2, Error ellipse: s-maj=295.1km s-min=105.8km az=153.0, Fiji Islands region

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Includes stations like ASAR, WRA, AKASG, etc.

ATH 05 01:44:41.6, 37.74N, 235.6E, h11km, 1km, MD2.7/4, ISCJB 05 01:44:42.5, 0.6, 37.78N, 0.0, 235.8E, 0.04, h4km, 6km, Error ellipse: s-maj=6.3km s-min=4.8km az=161.0

THE 05 01:44:43.2, 37.78N, 235.6E, h3km, ML1.8 CSEM 05 01:44:43.1, 0.2, 37.78N, 236.0E, h5km, MD2.7, Error ellipse: s-maj=3.4km s-min=2.8km az=162.0

ISC 05 01:44:42.8, 0.6, 37.76N, 0.0, 236.0E, 0.04, h3km, 7km, n13, 0.578/20, Southern Greece

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Includes stations like NAIG, KVR, ATH, etc.

ISCJB 05 02:16:20.6, 1.2, 3836N, 0.0, 2036E, 0.09, h1km, Error ellipse: s-maj=11.1km s-min=4.3km az=161.0

CSEM 05 02:16:21.0, 2.0, 38.37N, 203.5E, h8km, MD3.5, Error ellipse: s-maj=4.5km s-min=1.9km az=71.0

THE 05 02:16:21.5, 38.39N, 203.9E, h1km, ML3.1 ATH 05 02:16:22.9, 38.39N, 203.5E, h12km, 2km, MD3.5/7, NEIC 05 02:16:22.9, 38.39N, 203.5E, h12km, 2km, MD3.5(ATH), After ATH

ISC 05 02:16:20.6, 1.5, 3834N, 0.0, 203E, 0.1, h0km, 7km, n17, 0.888/23, 1C, Greece

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Includes stations like VLS, VLS, VLS, etc.

SZGRF 05 02:23:39.1, 2.484S, 176.77W, h33km, South of Fiji Islands ISCJB 05 02:24:43.0, 1.1, 2042S, 0.0, 177.6W, 0.1, h51km, 19km, mb4.0/1, Error ellipse: s-maj=22.7km s-min=11.2km az=24.7

NEIC 05 02:24:44.7, 1.0, 203.9S, 177.63W, h52km, 11km, mb4.3/8, Error ellipse: s-maj=20.2km s-min=9.7km az=143.0

IDC 05 02:24:47.5, 5.0, 2058S, 177.68W, h55km, 48km, M3.3/7, mb1 3.5/8, mb1mx3.3/16, mbtmp3.4/8, Error ellipse: s-maj=35.9km s-min=15.1km az=90.0

ISC 05 02:24:43.6, 1.2, 203S, 0.0, 177.7W, 0.2, h505km, 19km, n60, 0.573/21, mb4.0/1, Fiji Islands region

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Includes stations like AFI, URZ, CTA, etc.

WRA 1.2nm, 1.1s, baz=96, slow=2.9, SNR=4.7 KAKA 1.2nm, 0.6s, mb4.2, 48.30 271 eP P 02 32 38.4 -0.3

FITZ Fitzroy Crossi 53.37 262 eP P 02 33 15.9 +0.2

FITZ Fitzroy Crossi 53.37 262 eP P 02 33 15.8 +0.1

MJAR Matsushiro Arr 70.27 323 eP P 02 35 04.9 -0.7

MAJO Matsushiro 17.07 323 eP P 02 35 05.2 -0.4

KSRF Katsuragi 76.98 318 eP P 02 35 44.8 +1.0

COLA College 87.98 12 eP P 02 36 38.7 -0.1

CHTO Chiang Mai 90.49 290 eP P 02 36 52.7 +1.1

INK Inuvik 94.03 15 eP PKIKP 02 37 06.5 -0.1

ZALV Zalesovo Beam 110.57 321 PKIKP 02 42 17.2 -0.8

MK31 Makanchi Arr 111.32 313 ePKP 02 42 18.9 -0.7

MKAR Makanchi Arr 111.32 313 ePKP 02 42 18.9 -0.8

KURK Kurchatov 114.09 317 ePKP 02 42 24.3 -0.5

ARCES ARCESS Array B 128.82 350 PKP 02 42 52.9 +0.3

FINES FINESS Array B 135.70 344 PKP 02 43 03.9 -1.8

FINES FINESS Array B 135.70 344 PKP 02 43 03.9 -1.8

AKASG Malin Arr Bay 140.33 311 PKP 02 43 16.2 -3.1

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Includes stations like MOX, VYHS, TANN, etc.

ISCJB 05 02:42.9, 3.1, 0.2406S, 0.06, 668W, 0.2, h192km, 21km, Error ellipse: s-maj=25.7km s-min=9.5km az=177.4

IDC 05 02:42.6, 6.1, 2402S, 66.85W, h179km, 17km, mb3.2/1, mb1 3.3/3, mb1mx3.1/15, mbtmp3.0/3, Error ellipse: s-maj=34.5km s-min=14.9km az=87.0

ISC 05 02:42.7, 0.9, 2405S, 0.06, 669W, 0.2, h182km, 19km, n6, 0.193/6, Salta Province

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Includes stations like CFAA, CFAA, CFAA, etc.

IDC 05 03:05:29.8, 9.2, 2218S, 6602W, h275km, 73km, mb1 2.8/2, mb1mx2.7/16, mbtmp2.7/2, Error ellipse: s-maj=116.3km s-min=37.8km az=20.0, Jujuy Province

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Includes stations like LPAZ, LPAZ, BDFB, etc.

CSEM 05 03:17:46.9, 0.1, 3896N, 4360E, h12km, MD3.0, Error ellipse: s-maj=3.5km s-min=2.2km az=108.0

ISCJB 05 03:17:47.0, 7.0, 5.3895N, 0.0, 4352E, 0.04, h4km, 6km, Error ellipse: s-maj=5.5km s-min=4.1km az=17.1

DDA 05 03:17:47.4, 3892N, 4366E, h1km, MD2.9 ISK 05 03:17:47.6, 3897N, 4359E, h8km, MD3.0

ISC 05 03:17:48.0, 0.6, 3893N, 0.0, 4360E, 0.05, h7km, 6km, n17, 0.689/26, Turkey

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Includes stations like CLDR, CLDR, VANB, etc.

IDC 05 03:18:11.8, 0.9, 2182N, 14305E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.7/20, mbtmp3.8/7, MS2.7/2, Ms1 2.7/2, ms1mx2.4/26, Error ellipse: s-maj=39.3km s-min=20.6km az=91.0, Mariana Islands region

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Includes stations like JNU, KSRF, WRA, etc.

CSEM 05 03:25:14.8, 0.1, 3695N, 3329E, h5km, MD2.9, Error ellipse: s-maj=2.1km s-min=1.7km az=67.0

ISK 05 03:25:14.9, 3693N, 3330E, h7km, MD3.2 ISCJB 05 03:25:15.0, 2.0, 3695N, 0.0, 3332E, 0.03, h1km, 7km, Error ellipse: s-maj=5.5km s-min=4.2km az=160.0

DDA 05 03:25:15.1, 3687N, 3342E, h7km, 4km, MD2.9

ISC 05 03:25:16.1, 0.7, 3694N, 0.0, 3331E, 0.03, h5km, 6km, n22, 0.1502/30, Turkey

Table with columns: Code, Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Includes stations like ERMK, IKL, IKL, etc.

UPC Upipe 148.01 343 ePKP 02 43 32.2 +0.6

STHS Stebnicka Huta 147.29 337 ePKP 02 43 30.7 +0.9







5d 6h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like Villa Florida, BOSA Boshof, GERESE Array B, etc.

MAN 05 05:43:18, 1867N, 12057E, h29km, mb4.7, ML3.6, MS3.5, 1D, Luzon

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like Dolores, Conner, Callao Caves, Cauayan.

PGC 05 06:15:40.6, 2.6, 5055N, 130.38W, h10km, ML4.2/11, Mw4.8, 209km west of Pt. Hardy, Ec Vancouver Island Region

ISCJB 05 06:15:41.9, 0.2, 5076N, 003.13003W, 0.04, h10km, mb4.6/52, MS4.1/29, Error ellipse: s-maj=5.2km

IDC 05 06:15:41.7, 0.6, 5061N, 130.12W, h0km, mb4.2/14, mb1.4/20, mb1mx4.3/27, mbtmp4.2/20, ML4.0/5, MS4.0/24, Ms1.4/0/24, ms1mx3.9/29, Error ellipse: s-maj=11.7km

BUI 05 06:15:41.1, 1.5, 2612N, 129.84W, h10km, mb5.0, mb4.8, Ms4.9, Ms24.6

MOS 05 06:15:42.3, 1.6, 5069N, 130.09W, h10km, mb4.8/22, MS4.0/5, Error ellipse: s-maj=11.3km s-min=5.2km

GCMT 05 06:15:43.7, 0.3, 5040N, 130.45W, h19km, 1km, MW5.0/84, Moment Tensor Solution. s30.c35; s84.c139; Duration: 0

Moment tensor: Scale: 10^19Nm; Mr=0.45c:12; Mw=2.84c:10; Mo=3.29c:12; Mo=0.50c:21; Mo=1.44c:08; M1=0.30c:21; Best double couple: Mo3.44500c:10^16

NP1=0.237, 0.0000c, s80.0000c, -1.0, 0.0000c. NP2: 0.328, 0.0000c, s84.0000c, -1.70, 0.0000c. Principal axes: T: 3.6200, Plg3.0000c, Azm102.0000c; N: -0.3540, Plg7.0000c, Azm359.0000c; P: -3.2690, Plg11.0000c, Azm193.0000c; nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface waves, cutoff=50s. NEIC 05 06:15:43.7, 0.2, 5077N, 130.05W, h10km, mb4.7/39, MW4.9(PGC) Error ellipse: s-maj=5.9km s-min=2.4km

ISC 05 06:15:43.9, 0.2, 5079N, 003.13001W, 0.04, h10km, n235, 0.19/223, mb4.6/52, MS4.1/29, 3C-5D, Vancouver Island region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like HOLB Holberg, PHBC Brooks Peninsula, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like HOPS Hopland, DLHM Dillon, OLCHT Honcut, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries like GDLZ Guadalupe Moun, COWI Conover, RES Resolute Bay, etc.







Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like La Plagne, Saint Sault, Signal de Mont, Arr sur Loir, Sanae, Neumayer-Watz, Neumayer Olymp, Neumayer-Stat, Dimbokro, Paso Flores, Paso Flores, La Paz, La Paz, La Paz, La Paz.

NEIC 05 07:53:38.5, 3887S-175.14E, h225km, MG3.7(WEL), After WEL. WEL 05 07:53:38.6±0.4, 3888S-175.14E, h224km±3km, ML3.7/18, Error ellipse: s-maj=3.4km s-min=3.3km az=0.0, North Island

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists numerous stations including PKVZ, WPVZ, FVWZ, TRVZ, WNVZ, MOVZ, WAZ, PKE, BKZ, TSZ, WPHZ, URWZ, PXZ, MRZ, MWZ, KNZ, KIW, KIW, BIRZ, DUWZ, CAW, MTW, MRW, TRW, SNZO, PAWZ, BHW, BSHW, MSWZ, PLWZ, NNZ, TUWZ, QRZ, GRZ, MXZ, BSXZ, THZ, THZ, KHZ, LTZ, ORZ, MOZ, ODZ, ODZ.

MAN 05 07:57:00, 1383N-12249E, h10km, mb3.7, ML2.5, MS2.0, ID, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like Guinayangan, Polilio Island, Odiongani, Virac.

ISC/JB 05 08:09:29.4±0.5, 3694N-003-138.18E, h20km±5km, mb3.5/5, MS2.9/2, Error ellipse: s-maj=1.0km s-min=0.9km az=179.5

NEIC 05 08:09:29.9, 3694N-138.18E, h0km, MG3.3(JMA), After JMA

JMA 05 08:09:29.8±0.3, 3694N-138.18E, h0km±3km, M3.3 JMA Feit III J1

ISC 05 08:09:30.6±2.3, 3687N-138.22E, h18km±17km, mb3.5/5, mb1.3/7.6, mb1mx3.5/2.1, mbtmp3.4/6, ML2.2/1, MS2.8/4, Ms1.2.8/4, ms1mx2.6/1.8, Error ellipse: s-maj=33.9km s-min=27.2km az=84.0

ISC 05 08:09:29.9±0.5, 3694N-003-138.21E, h11km±4km, n20, ±0.56/2.1, mb3.5/5, MS2.9/2, C-2D, Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like JNN, MAJO, MAT, MJAR, MJAR, MJAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like JGK, JNG, JJK, JZK, JKT, JKS, JSAJ, KRSR, KRSR, GUMO, SONM, WRA, YKA, AKASO, NOA, TXAR.

NDI 05 08:14:57.1±5.4, 3466N-82.28E, h10km, mb4.5, mb4.4(NEIC) ISCB/JB 05 08:15:02.3±0.4, 3420N-004-81.78E±0.06, h10km, mb3.9/11, Error ellipse: s-maj=8.2km s-min=4.1km az=31.3

NEIC 05 08:15:04.0±0.5, 3415N-81.93E, mb4.4/4, Error ellipse: s-maj=12.2km s-min=8.3km az=71.0

IDC 05 08:15:03.6±1.0, 3421N-82.05E, h1km±4km, mb3.7/8, mb1.4/0.10, mb1mx3.7/2.3, mbtmp3.8/1.0, ML3.8/2, Error ellipse: s-maj=40.5km s-min=15.5km az=53.0

BJJ 05 08:15:10.0, 3473N-82.60W, h7km, mb4.0 ISCB/JB 05 08:15:04.0±0.4, 3423N-004-81.83E±0.06, h10km, n34, ±0.95/3.7, mb3.9/11, 7C, Xizang

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists numerous stations including KLP, KLP, SML, THN, NDI, SONA, SONA, SONA, KUDL, KHET, KHET, KHET, Uchtor, MK31, MKAR, AKL, AKL, GTA, GTA, KUR, KUR, ZALV, KMI, KMI, BVAR, BVAR, BVAR, GYA, GYA, AKTK, AKTK, AKTK, AKASO, JOF, FINES, GERES, LPGA, LPGA, LPL, LPL, BAIF, WRA, WRA, ASAR, ASAR, YKA, YKA.

IGQ 05 08:19:27.2, 005S-8037W, h10km±7km, Mb4.5, Ms4.3, Error ellipse: s-maj=7.1km s-min=1.7km az=41.1

ISC/JB 05 08:19:32.0±0.6, 017S-004-8041W±0.04, h44km±6km, mb4.6/39, MS3.7/3, Error ellipse: s-maj=6.7km s-min=6.2km az=173.9

NEIC 05 08:19:35.0±1.1, 016S-8022W, h57km±10km, mb4.0/10, MD4-5(GQ), Error ellipse: s-maj=1.1km s-min=6.0km az=62.0

IDC 05 08:19:35.7±1.9, 017S-80.16W, h61km±18km, mb4.0/13, mb1.4/2.20, mb1mx1.4/1.27, mbtmp4.2/2.0, MS3.8/7, Ms1.3.8/7, ms1mx3.4/2.9, Error ellipse: s-maj=20.0km s-min=9.9km az=72.0

ISC 05 08:19:35.0±0.8, 013S-004-8026W±0.06, h53km±6km, n105, ±0.95/9.4, mb4.6/38, MS3.7/3, 8C-14D, Near coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like Cerro-Chispas, YANA, YANA, COTI, COTI, COTA, COTA, IGUA, IGUA, ANTI, ANTI, JUVI, JUVI, RUNS, RUNS, RETU, RETU, CAYR.

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Lists numerous stations including ARRAY, PATA, CONE, LAV3, ATAH, ATAH, ATAH, ROSC, ROSC, ROSC, ROSC, JTS, JTS, JTS, NNA, NNA, NNA, NNA, SDV, SDV, ARE, PCRV, PCRV, CPUR, CPUR, SDG, SDG, SJG, SJG, MTP, MTP, CFAA, CFAA, CPUR, CPUR, BDFB, BDFB, CPCT, TXAR, TXAR, TXAR, TXAR, BLO, BLO, PLCA, KSU1, ERPA, ANMO, SDCO, NVAR, NVAR, ULM, ULM, ULM, GCMT, BOZ, BOZ, SCHO, EDM, YKA, DLBC, LIC, DBIC, INK, EGAK, EGAK, ESDG, QUIF, ROSF, GRM, GRM, BGFF, BVF, LASF, SMF, LOR, LOR, GIVF, GIVF, CABF, HINF, ZAAO, ZALV, STKA, MKAR, KRSR, ASAR, ASAR, LDF, LFF, RJF, MTLF, CAF, CAF, BGFF, BVF, SVF, LASF, SMF, LOR, GIVF, GIVF, CABF, HINF, ZAAO, ZALV, STKA, MKAR, KRSR, ASAR, LDF, LFF, RJF, MTLF, CAF, CAF, BGFF, BVF, SVF, LASF, SMF, LOR, GIVF, GIVF, CABF.



Table with columns for station code, name, frequency, power, and signal strength. Includes stations like CM31 Chiang Mai Arr, MOY Mondy, AB31 Akbulak array, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like TIY comp=E,55um,12.1s, KKTK Khon Kaen, SVE Sverdljovsk, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like AGRB Hanur-Agry, HIA Hailar, HIA comp=Z,68nm,1.4s, etc.

5d 8h

Table with columns for station name, frequency, power, and other technical details. Includes stations like VORD, PSI, MALT, MALT, VOR, TATO, ANNA, etc.

2007 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like MDJ, CTKT, KGM, CORM, AVNT, SIM, etc.

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



Table with columns for station name, frequency, power, and signal quality. Includes stations like Matsushiro, Apeiranthos, Kalvaria, Santorini, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like Ojcow, Agios Georgios, Hachiojima, etc.

Table with columns for station name, frequency, power, and signal quality. Includes stations like Vranov, Dobruska-Polom, Ulice, etc.



GIVF	comp=Z,277nm,1.2s,mb5.9	56.85 311 eP	P	09 01 23.5 -0.6
GIVF	comp=Z,139nm,1.2s,mb5.9	56.85 311 eP	Pmax	
GIVF	comp=Z,139nm,1.2s,mb5.9	56.85 311 eP	P	09 01 23.5 -0.6
STV	Sta Anna Valdi	56.86 304 P	P	09 01 22.1 -2.1
AUTN	L'Aution	56.87 304 eP	P	09 01 24.6 +0.3
LPG	La Plagne	56.88 306 iJP	P	09 01 23.9 -0.5
LPG	La Plagne	56.88 306 iJP	P	09 01 23.9 -0.5
LPG	comp=Z,356nm,1.0s,mb3		Pmax	
LPG	La Plagne	56.88 306 iJP	P	09 01 23.9 -0.5
LPL	La Plagne	56.89 306 iJP	P	09 01 24.0 -0.4
LPL	comp=Z,897nm,1.0s,mb4		Pmax	
LPL	La Plagne	56.89 306 iJP	P	09 01 24.0 -0.4
LPL	comp=Z,448nm,1.0s,mb5.5		Pmax	
LPL	La Plagne	56.89 306 iJP	P	09 01 24.0 -0.4
SBF	Sospel	56.90 304 iJP	P	09 01 23.6 -0.9
SBF	comp=Z,453nm,1.0s,mb5.9		Pmax	
SBF	Sospel	56.90 304 iJP	P	09 01 23.6 -0.9
SBF	comp=Z,426nm,1.0s,mb4		Pmax	
SBF	Sospel	56.90 304 iJP	P	09 01 23.6 -0.9
VSL	Villasalto	56.90 298 eP	P	09 01 23.8 -0.8
RSL	Roselend	56.91 306 eP	P	09 01 24.0 -0.6
OC22	Abries	56.95 305 eP	P	09 01 23.9 -0.9
UCC	Uccle	56.95 312 P	P	09 01 26.3 -3.0
UCC			XP	09 01 27.6 -3.4
UCC			sP	09 01 43.2
UCC	Luceram	56.95 304 eP	P	09 01 24.0 -0.9
LUFC	Mont Tournerai	56.98 304 eP	P	09 01 24.3 -0.8
REVU	Revere	56.98 304 eP	P	09 01 24.8 -0.3
DOU	Dourbes	56.99 311 P	P	09 01 24.7 -0.3
DOU			pP	09 01 28.2 -1.4
DOU			P	09 01 24.0 -1.2
CABF	La Chapelle	57.00 307 iJP	P	09 01 24.0 -1.2
CABF	comp=Z,289nm,1.2s,mb2		Pmax	
CABF	La Chapelle	57.00 307 iJP	P	09 01 24.0 -1.2
CABF	comp=Z,141nm,1.2s,mb5.9		P	09 01 24.0 -1.2
CABF	La Chapelle	57.00 307 iJP	P	09 01 24.0 -1.2
BNI	Bardonecchia	57.06 305 eP	P	09 01 24.8 -0.8
BNI			Pmax	
BNI	comp=Z,176nm,1.0s,mb5.0		P	09 01 24.8 -0.8
BNI	Bardonecchia	57.06 305 eP	P	09 01 24.8 -0.8
MVIF	Mont Vial	57.08 304 eP	P	09 01 25.3 -0.5
MBDF	Montbardon	57.09 305 iJP	P	09 01 24.4 -1.5
MBDF	comp=Z,240nm,0.9s,mb5.9		Pmax	
MBDF	Montbardon	57.09 305 iJP	P	09 01 24.4 -1.5
MBDF	comp=Z,120nm,0.9s,mb5.9		Pmax	
MBDF	Montbardon	57.09 305 iJP	P	09 01 24.4 -1.5
MEZF	Maizieres J'vi	57.14 310 iJP	P	09 01 25.4 -0.7
MEZF	comp=Z,463nm,1.1s,mb6.1		P	09 01 25.4 -0.7
MEZF	Maizieres J'vi	57.14 310 iJP	P	09 01 25.4 -0.7
SURF	Saint Ours	57.24 314 eP	P	09 01 25.3 -0.9
BAIF	Baives	57.24 311 iJP	P	09 01 26.2 -0.6
BAIF	comp=Z,346nm,1.5s,mb5.9		Pmax	
BAIF	Baives	57.24 311 iJP	P	09 01 26.2 -0.6
BAIF	comp=Z,173nm,1.5s,mb5.9		Pmax	
BAIF	Baives	57.24 311 iJP	P	09 01 26.2 -0.6
BAIF	comp=Z,173nm,1.5s,mb5.9		P	09 01 26.2 -0.6
CALN	Calern	57.31 304 eP	P	09 01 26.1 -1.3
GDM	Grand Maison	57.39 306 eP	P	09 01 26.9 -1.1
FRF	La Foret Royal	57.54 304 iJP	P	09 01 27.7 -1.3
FRF	comp=Z,151nm,1.1s,mb5.9		Pmax	
FRF	La Foret Royal	57.54 304 iJP	P	09 01 27.7 -1.3
FRF	comp=Z,175nm,1.1s,mb5.0		Pmax	
FRF	La Foret Royal	57.54 304 iJP	P	09 01 27.7 -1.3
OG05	Jujurieux	57.58 307 eP	P	09 01 29.4 +0.1
GRN	Grenoble	57.63 306 eP	P	09 01 28.7 -1.0
ORIF	Oris-en-Rattie	57.64 305 iJP	P	09 01 28.1 -1.6
ORIF	comp=Z,117nm,0.9s,mb5.6		eMLR	MLR
ORIF	Oris-en-Rattie	57.64 305 iJP	P	09 01 28.1 -1.6
ORIF	comp=Z,289nm,23.0s,MS6.0		Pmax	
ORIF	Oris-en-Rattie	57.64 305 iJP	P	09 01 28.1 -1.6
ORIF	comp=Z,58nm,0.9s,mb5.6		Pmax	
ORIF	Oris-en-Rattie	57.64 305 iJP	P	09 01 28.1 -1.6
ORIF	comp=Z,58nm,0.9s,mb5.6		P	09 01 28.1 -1.6
OG25	Le Caire	57.68 305 eP	P	09 01 28.7 -1.3
LMR	La Moure	57.70 303 iJP	P	09 01 28.9 -1.3
LMR	comp=Z,295nm,1.2s,mb5.9		Pmax	
LMR	La Moure	57.70 303 iJP	P	09 01 28.9 -1.3
LMR	comp=Z,147nm,1.2s,mb5.9		Pmax	
LMR	La Mour	57.70 303 iJP	P	09 01 28.9 -1.3
LRW	Lerwick	57.71 324 eP	P	09 01 29.3 -0.7
LRW			1eP	09 01 29.3
LRW			Amb	09 01 37.8
WALI	Walls	57.89 324 iJP	P	09 01 30.2 -1.0
STOF	St-Etienne Org	57.91 304 eP	P	09 01 31.2 -0.4
TAVF	Tavernes	57.92 304 eP	P	09 01 32.5 +0.7
VILF	Villemus	58.09 304 eP	P	09 01 33.0 +0.1
COF	Saint Nazaire	58.14 305 eP	P	09 01 32.6 -0.6
OG26	St-Nazaire-De	58.31 305 eP	P	09 01 32.6 -0.6
SMRF	Simiane la Rot	58.14 304 iJP	P	09 01 32.3 -1.0
SMRF	comp=Z,243nm,1.3s,mb5.8		Pmax	
SMRF	Simiane la Rot	58.14 304 iJP	P	09 01 32.3 -1.0
PUYF	Puyolubier	58.20 304 eP	P	09 01 33.0 -0.7
JMIC	Jan Mayen	58.20 337 LR	LR	09 01 34.5 +1.2
JMIC	Jan Mayen	58.20 337 LR	LR	09 26 46.4
KEST	Kesra	58.24 204 P	P	09 01 33.5 -0.6
KEST	comp=Z,20nm,0.9s,mb5.2,baz=277,slow=1.9,SNR=25		LR	09 30 17.0
LOR	Lormes	58.26 308 iJP	P	09 01 32.4 -1.7
LOR	comp=Z,243nm,1.2s,mb5.8		eMLR	MLR
LOR	Lormes	58.26 308 iJP	P	09 01 32.4 -1.7
LOR	comp=Z,27um,23.0s,MS6.0		Pmax	
LOR	Lormes	58.26 308 iJP	P	09 01 32.4 -1.7
LOR	comp=Z,121nm,1.2s,mb5.8		MLR	MLR
LOR	Lormes	58.26 308 iJP	P	09 01 32.4 -1.7
LOR	comp=Z,27um,23.0s,MS6.3		P	09 01 32.4 -1.7
LOR	Lormes	58.26 308 iJP	P	09 01 32.4 -1.7
BERF	Bertagne	58.27 304 eP	P	09 01 33.8 -0.4
TREF	Trevesse	58.39 304 eP	P	09 01 34.5 -0.5
SMF	Signal de Mont	58.47 308 iJP	P	09 01 34.1 -1.4
SMF	comp=Z,410nm,1.0s,mb6.1		P	09 01 34.1 -1.4
SMF	Signal de Mont	58.47 308 iJP	P	09 01 34.1 -1.4
SMF	comp=Z,205nm,1.0s,mb6.1		Pmax	
SMF	Signal de Mont	58.47 308 iJP	P	09 01 34.1 -1.4
SMF	comp=Z,205nm,1.0s,mb6.1		P	09 01 35.3 -0.3
PRAF	Pradon	58.48 304 eP	P	09 01 34.5 -1.1
VIVF	Saint-Julien-I	58.48 305 iJP	P	09 01 34.5 -1.1
VIVF	comp=Z,462nm,1.2s,mb5.9		Pmax	
VIVF	Saint-Julien-I	58.48 305 iJP	P	09 01 34.5 -1.1
VIVF	comp=Z,141nm,1.2s,mb5.9		Pmax	
VIVF	Saint-Julien-I	58.48 305 iJP	P	09 01 34.5 -1.1
SSF	Saint Sauge	58.56 308 iJP	P	09 01 34.6 -1.5
SSF	comp=Z,369nm,1.1s,mb5.0		Pmax	
SSF	Saint Sauge	58.56 308 iJP	P	09 01 34.6 -1.5
SSF	comp=Z,184nm,1.1s,mb5.0		Pmax	
SSF	Saint Sauge	58.56 308 iJP	P	09 01 34.6 -1.5
AVF	Avril sur Loir	58.74 308 iJP	P	09 01 36.0 -1.4
AVF	comp=Z,141nm,1.3s,mb5.8		Pmax	
AVF	Avril sur Loir	58.74 308 iJP	P	09 01 36.0 -1.4
AVF	comp=Z,246nm,1.3s,mb6.1		Pmax	

AVF	Avril sur Loir	58.74 308 iJP	P	09 01 36.0 -1.4
PLDF	La Plantade	58.82 307 eP	P	09 01 36.8 -1.2
COLF	Collangeles	58.92 306 eP	P	09 01 37.5 -1.2
HYF	Humbigny	59.05 309 eP	P	09 01 38.7 -0.2
AGO	Saint Acoulin	59.12 307 eP	P	09 01 38.9 -1.2
BGF	Bois d'Angland	59.15 308 iJP	P	09 01 38.7 -1.5
BGF	Bois d'Angland	59.15 308 iJP	P	09 01 38.7 -1.5
BGF	comp=Z,67nm,1.1s,mb5.6		Pmax	
BGF	Bois d'Angland	59.15 308 iJP	P	09 01 38.7 -1.5
BGF	comp=Z,67nm,1.1s,mb5.6		Pmax	
MBAR	Mbarara	59.20 245 P	P	09 01 44.8 +3.7
MLA1	Latheran	59.26 322 iJP	P	09 01 40.3 -0.6
LASF	Ste Croix	59.28 305 iJP	P	09 01 40.3 -0.9
LYM	comp=Z,416nm,1.2s,mb5.0		P	09 01 40.1 -1.2
LBL	Petit Puy Mans	59.30 307 eP	P	09 01 40.1 -1.2
DAG	Lubilhac	59.31 306 eP	P	09 01 40.3 -1.1
DAG	Danmarks Havn	59.33 345 b iJP	Pmax	09 01 40.5 -0.6
DAG	comp=Z,15nm,1.0s,mb5.0		Pmax	
DAG	Danmarks Havn	59.33 345 b iJP	P	09 01 40.5 -0.6
MME1	Meikie Cairn	59.34 321 iJP	P	09 01 40.6 -0.8
CMAH	Djebel Manchou	59.36 296 eP	P	09 01 44.0 +2.1
ORE	Reay	59.40 323 eP	P	09 01 40.7 -1.1
MCD	Coleburn Disti	59.41 321 iJP	P	09 01 41.3 -0.6
ABF	Djebel Ababa	59.45 295 eP	P	09 01 44.5 +2.0
XSO	Sourthope Farm	59.48 319 iJP	P	09 01 41.5 -0.9
ESY	Stoneypath	59.55 319 eP	P	09 01 41.7 -1.2
HPK	Haverah Park	59.59 317 P	P	09 01 42.6 -0.5
HPK	comp=Z,218nm,1.2s,mb6.1		Amb	09 01 47.4
HPK	Haverah Park	59.59 317 P	P	09 01 42.6 -0.5
HPK	comp=Z,218nm,1.2s,mb6.1		Amb	09 01 47.4
HPK	comp=Z,11um,19.2s,MS6.0		AMS	09 29 46.6
XAL	Allendae	59.65 318 iJP	P	09 01 42.5 -1.0
TCF	Touix Ste Croi	59.65 308 iJP	P	09 01 42.8 -0.9
TCF	comp=Z,578nm,1.2s,mb6.2		Pmax	
TCF	Touix Ste Croi	59.65 308 iJP	P	09 01 42.8 -0.9
TCF	comp=Z,289nm,1.2s,mb6.2		Pmax	
TCF	Touix Ste Croi	59.65 308 iJP	P	09 01 42.8 -0.9
FRNF	Fournols	59.72 307 eP	P	09 01 43.3 -0.9
CAEH	Ain El Ouhach	59.72 296 P	P	09 01 46.0 +1.6
BNI	Birley Grange	59.75 316 iJP	P	09 01 43.0 -1.3
CWF	Charnwood Fore	59.78 316 P	P	09 01 43.2 -1.2
CWF	comp=Z,57nm,2.0s,mb5.3		Amb	09 01 49.9
CWF	Charnwood Fore	59.78 316 eP	P	09 01 43.2 -1.2
CWF	comp=Z,57nm,2.0s,mb5.3		Amb	09 01 49.9
CWF	comp=Z,12um,19.8s,MS6.0		AMS	09 30 07.2
MVH1	Achwaic	59.79 322 iJP	P	09 01 43.5 -0.9
SKP1	Kophill	59.80 314 iJP	P	09 01 43.5 -1.1
EBL	Broad Law	59.83 319 eP	P	09 01 43.8 -0.9
LHO	Holmfirth	59.84 317 iJP	P	09 01 44.1 -0.9
EDI	Edinburgh	59.86 320 P	P	09 01 44.2 -0.8
EDI	comp=Z,190nm,1.2s,mb6.0		Amb	09 01 49.2
EDI	Edinburgh	59.86 320 eP	P	09 01 44.2 -0.8
EDI	comp=Z,190nm,1.2s,mb6.0		Amb	09 01 49.2
EDI	comp=Z,7um,18.0s,MS5.8		AMS	09 30 25.7
CKFL	KeF-Lekhel	59.96 296 P	P	09 01 49.0 +3.0
KWE	Waver Farm	60.00 316 iJP	P	09 01 45.1 -0.9
MDO	Dochfour	60.02 321 iJP	P	09 01 45.0 -0.4
WOL	Waulkane Hill	60.03 319 eP	P	09 01 45.2 -1.3
ESK	Eskdalemuir	60.05 319 P	P	09 01 45.8 -0.5
ESK	comp=Z,691nm,1.1s,mb6.6,SNR=18		P	09 01 45.5 -0.8
ESK	Eskdalemuir	60.05 319 P	P	09 01 45.5 -0.8
ESK	comp=Z,218nm,1.3s,mb6.0		Amb	09 01 51.1
ESK	Eskdalemuir	60.05 319 eP	P	09 01 45.5 -0.8
ESK	comp=Z,218nm,1.3s,mb6.0		Amb	09 01 51.1
ESK	comp=Z,10um,17.4s,MS6.0		AMS	09 29 57.0
ESK	Eskdalemuir	60.05 319 eP	Pmax	09 01 45.3 -1.0
ESK	comp=Z,122nm,1.0s,mb5.9		MLR	MLR
ESK	Eskdalemuir	60.05 319 eP	P	09 01 45.3 -1.0
ESK	comp=Z,122nm,1.0s,mb5.9		LR	LR
GUMO	Guam	60.10 94 LR	LR	09 27 54.3
RSC	Scourie	60.16 323 eP	P	09 01 46.5 -0.5
WOL	Wolverton	60.17 314 eP	P	09 01 46.5 -0.7
STNC	Stoke	60.19 316 eP	P	09 01 46.2 -1.1
STNC	comp=Z,287nm,1.7s,mb5.0		Amb	09 01 55.4
CASM	Ain Smara	60.20 296 P	P	09 01 50.0 +2.4
CAF	Calviac	60.20 306 iJP	P	09 01 46.7 -0.8
CAF	comp=Z,276nm,1.2s,mb5.9		Pmax	
CAF	Calviac	60.20 306 iJP	P	09 01 46.7 -0.8
CAF	comp=Z,138nm,1.2s,mb5.9		Pmax	
CAF	Calviac	60.20 306 iJP	P	09 01 46.7 -0.8
CAF	comp=Z,138nm,1.2s,mb5.9		Pmax	
CAF	Calviac	60.20 306 iJP	P	09 01 46.7 -0.8
CAF	comp=Z,138nm,1.2s,mb5.9		Pmax	
CAF	Calviac	60.20 306 iJP	P	09 01 46.7 -0.8
CAF	comp=			

















Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like WMQ, KBL, MK31, etc.

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

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like BOYT, BYBT, DIKM, etc.













Table with columns for station code, name, frequency, and other technical details. Includes stations like HHC, HNC, HCC, HHC, NST, TIY, SVE, ARU, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like MBDF, MEZF, FRF, FRF, FRF, FRF, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like LZH, LZH, LZH, LZH, CD2, CD2, etc.

ISC/JB 05 17:38:20.9:0.7, 3467N:004.9002E:004, h40km-8km, mb4.2/30, MS4.2/14, Error ellipse: s-maj=6.6km s-min=5.4km az=171.8

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, and other technical details. Includes stations like LSA, LSA, LSA, GUN, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GEC2 GRESS Array S, GERES GRESS Array B, GUNZ Gunzen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PSI Prapat, WRA Warramunga Arr, MKAR Makanchi Arr, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBL Kabul, AAK Ala-Archa, TKM2 Tokmak 2, MKAR Makanchi Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHU2 Mitsune, JOD2 Odawara 2, JYT Yasato, etc.

ISCJB 05 18:12:02.8:0.3, 4934N:001:680E:003, h0km, Error ellipse: s-maj=2.8km s-min=2.1km az=5.7

CSEM 05 18:12:04.7:0.1, 4937N:684E, h1km, ML2.6/13, Error ellipse: s-maj=1.3km s-min=0.8km az=99.0

NEIC 05 18:12:04.4, 4936N:689E, h1km, ML2.6(LDG), ML2.4(STF), After STF.

LDG 05 18:12:04.5:0.1, 4938N:685E, h1km, Md2.3/2, ML2.6/11, Error ellipse: s-maj=1.4km s-min=1.2km az=28.0

BNS 05 18:12:06.9:0.3, 4946N:691E, h1km, ML1.4

ISC 05 18:12:04.0:0.3, 4935N:001:682E:003, h0km, n43, o=78/80, Germany

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RUP Ruppelstein, WLF Walferdange, WLF Walferdange, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LANF Langenberg, BGG Burgetz, BGG Burgetz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ECH Echery, ECH Echery, STB Steinbach, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THEF Theifontort, THEF Theifontort, TOD Tromm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KLL Kallitasperre, DREG Dreilaegerbach, HAU Haudompre, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HAU Haudompre, HAU Haudompre, BFO Black Forest, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BFO Black Forest, BFO Black Forest, MEZF Maizieres Jvi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEZF Maizieres Jvi, MEZF Maizieres Jvi, GIVF Givet, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOF Molkenrain, HINF Hinterferail, HINF Hinterferail, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SFTF Sixfontaines, SFTF Sixfontaines, BAIF Baives, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CABF La Chapelle, CABF La Chapelle, CABF La Chapelle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CABF La Chapelle, CABF La Chapelle, CABF La Chapelle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CABF La Chapelle, CABF La Chapelle, CABF La Chapelle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RUNS Runtun, JUIV Juive, IGUA Igualata, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNTI Cotopaxi 1, VNTI Cotopaxi 2, LAVI Lavay, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SDV Santo Domingo, SDV Santo Domingo, SDV Santo Domingo, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIW San Ignacio, SIW San Ignacio, SIW San Ignacio, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CPUI Villa Florida, CPUI Villa Florida, CPUI Villa Florida, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PLCA Paso Flores, PLCA Paso Flores, PLCA Paso Flores, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WMOK Wichita Mountains, WMOK Wichita Mountains, WMOK Wichita Mountains, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SDCO Great Sand Dunes, SDCO Great Sand Dunes, SDCO Great Sand Dunes, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PV01 Paradox Valley, PV01 Paradox Valley, PV01 Paradox Valley, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HUWT Hardware Ranch, HUWT Hardware Ranch, HUWT Hardware Ranch, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVAR Nina Arroya, NVAR Nina Arroya, NVAR Nina Arroya, etc.







ULN	comp=Z,260nm,1.2s,mb6.1	58.25 343 eP	P	19 16 22.3 +0.6
ULN	comp=Z,260nm,1.2s,mb6.1	eSP	sP	19 17 00.9 -2.2
ULN		eSCP	ScP	19 20 58.8 -2.3
ULN	ULanbaatar	58.25 343 P	P	19 16 22.8 +1.2
ULN	ULanbaatar	58.25 343 P	P	19 16 22.8 +1.2
SOMN	Songino Array	58.42 343 P	P	19 16 23.4 +0.6
SOMN		ScP	ScP	19 20 59.6 -2.2
SOMN		P	P	19 46 53.9
SOMN	Songino Array	58.42 343 P	P	19 16 23.4 +0.6
SOMN	comp=Z,65nm,0.9s,mb5.6,baz=162,slow=7.1,SNR=354	ScP	ScP	19 20 59.6 -2.2
SOMN	comp=Z,6.5nm,1.0s,baz=173,slow=5.9,SNR=3.3	PKPPK	P	19 45 53.9
SOMN	comp=Z,0.7nm,0.9s,baz=356,slow=1.0,SNR=9.8	PKP2bc	P	19 46 10.9
BHPL	Bhopal	58.50 303 eP	P	19 16 21.9 -2.0
KAD	Karad	59.04 295 eP	P	19 16 26.0 -1.8
PTH	Pithoragarh	59.22 311 eP	P	19 16 27.9 -0.9
PTH		eP	P	19 16 28.0
DRV	Dumont d'Urville	59.64 175 P	S	19 16 32.0 +1.0
DRV		S	S	19 24 43.0 +1.1
DRV		R	R	19 35 00.0
POO	Poona	59.76 296 eP	P	19 16 29.7 -3.0
CASY	Casey	60.03 188 eP	P	19 16 35.0 +1.4
CASY	comp=Z,20nm,0.5s,mb5.4	ScP	ScP	19 16 35.0 +1.4
NDI	New Delhi	61.09 308 eP	P	19 16 39.7 -1.9
NDI		eP	AMB	19 16 40.6
NDI	Zakamensk	61.62 342 eP	x	19 24 42.0
ZAK		eP	pmx	19 16 45.2 +0.5
ZAK		pmx	pmx	
AJM	Ajmer	62.16 305 eP	P	19 16 47.0 -1.7
AJM		AMB	AMB	19 16 48.5
SMLA	Simla	62.29 311 eP	P	19 16 49.5 -0.1
SMLA		AMB	AMB	19 16 50.3
TLY	Talaya	62.66 343 P	P	19 16 52.4 +0.9
TLY	comp=Z,325nm,1.4s,mb2.2	eP	P	19 16 52.4 +0.9
TLY	comp=Z,457nm,1.2s,mb3.3,SNR=25	ScP	ScP	19 17 30.5
TLY	Talaya	62.66 343 P	P	19 16 52.3 +0.8
TLY		eS	S	19 25 08.2 -2.3
TLY		pmx	pmx	
TLY	comp=Z,106nm,1.1s,mb5.7	eP	P	19 16 51.9 +0.4
TLY	Talaya	62.66 343 eP	P	19 17 01.0
TLY		eP	P	19 16 52.8 +1.3
TLY	Talaya	62.66 343 P	P	19 16 52.8 +1.3
IRK	Irkutsk	62.98 344 P	P	19 16 54.1 +0.5
IRK		eS	S	19 25 14.0 -0.4
IRK		pmx	pmx	
WMQ	Urumqi	62.98 328 P	P	19 16 54.0 +0.2
WMQ		AP	P	19 17 21.0 -1.7
WMQ		XP	sP	19 17 34.0 -1.6
WMQ		PP	PP	19 19 15.0 +1.1
WMQ		ScP	ScP	19 21 10.0 -1.2
WMQ		ScS	ScS	19 25 13.0 -1.8
WMQ		ScS	ScS	19 26 32.0 -3.4
WMQ		SS	SS	19 29 23.0 +0.3
WMQ		AMB	AMB	
WMQ	comp=Z,188nm,1.0s,mb6.0	AMB	AMB	
WMQ	comp=Z,514nm,5.0s	LR	LR	
WMQ	comp=N,289nm,16.0s	LR	LR	
WMQ	comp=E,208nm,16.0s	LR	LR	
MOY	Mondy	63.45 341 eP	P	19 16 58.0 +1.2
MOY		e	pmx	19 25 20.0
MIR	Mirnyy	63.81 195 eP	P	19 17 00.0 +1.0
MIR		eP	P	19 17 33.0 +5.1
MIR		i	P	19 17 38.0
MIR		pmx	pmx	
NRGR	Nerungr	63.96 358 eP	P	19 17 00.9 +0.9
CLNS	Chul'man	64.14 358 eP	P	19 17 00.6 -0.6
CLNS		pmx	pmx	
CLNS	comp=Z,66nm,0.9s,mb5.5	pmx	pmx	
CLNS	comp=N,37nm,1.0s	pmx	pmx	
PET	Petropavlovsk	65.47 19 P	P	19 17 09.9 0.0
PET		eP	P	19 17 39.9 +1.0
PET		eS	S	19 25 45.6 +0.5
PET		e'SS	SS	19 26 52.1 +1.7
PET		eSS	SS	19 30 07.7 +6.6
PET		eSSS	SS	19 33 02.4
PET		pmx	pmx	
PET	comp=Z,173nm,1.0s,mb5.8	pmx	pmx	
PET	comp=Z,100nm,16.0s	MLR	MLR	
PET	comp=Z,100nm,21.0s	MLR	MLR	
PET	Petropavlovsk	65.47 19 eP	P	19 17 09.8 -0.1
PET	comp=Z,186nm,1.1s,mb5.8	eP	P	19 17 36.0 -2.9
BOD	Bodaibo	66.12 352 eP	P	19 17 13.6 -0.3
BOD		eP	pmx	19 17 13.6 -0.3
BOD		pmx	pmx	
BOD	comp=Z,93nm,1.0s,mb5.6	pmx	pmx	
KSH	Kashi	67.36 318 P	P	19 17 23.5 +1.2
KSH		AP	P	19 17 50.5 -0.9
KSH		XP	sP	19 19 03.9 -0.9
KSH		PP	PP	19 19 54.0 +1.6
KSH		PPP	PPP	19 21 31.1
KSH		SCP	SCP	19 21 42.5
KSH		PCS	PCS	19 21 54.1
KSH		S	S	19 26 04.3 -4.2
KSH		ScS	ScS	19 27 06.5 -2.9
KSH		AMB	AMB	
KSH	comp=Z,658nm,1.7s,mb6.2	LR	LR	
KSH	comp=N,462nm,5.7s	LR	LR	
KSH	comp=E,498nm,4.6s	LR	LR	
KSH	comp=Z,377nm,6.6s	LR	LR	
MK31	Makanchi Array	67.80 328 P	P	19 17 24.8 -0.1
MKAR	Makanchi Array	67.80 328 P	P	19 17 24.9 0.0
MKAR		P	P	19 45 36.9
MKAR		P	P	19 45 49.5
MKAR	Makanchi Array	67.80 328 P	P	19 17 24.9 0.0
MKAR	comp=Z,211nm,1.0s,mb5.9,baz=123,slow=7.4,SNR=530	PKPPK	P	19 45 36.9
MKAR	comp=Z,0.8nm,0.8s,baz=306,slow=4.5,SNR=7.7	PKP2ab	P	19 45 49.5
MKAR	comp=Z,1.1nm,0.9s,baz=318,slow=3.3,SNR=5.7	PKP2ab	P	19 45 49.5
ULHL	Ulahoi	68.64 321 eP	P	19 17 30.5 +0.3
MA2	Magadan	69.14 12 eP	P	19 17 39.0 +6.1
MA2		eP	SS	19 27 01.4
MA2		eSS	MLR	19 31 04.0 +6.3
MA2		MLR	MLR	
KZA	Kyzart	69.17 320 P	P	19 17 34.6 +1.1
YAK	Yakutsk	69.28 16 eP	P	19 17 33.3 -0.5
YAK		e	P	19 17 56.1
YAK		e'PP	pP	19 18 04.8 +1.7
YAK		e'PPP	S	19 20 06.3
YAK		e'P	S	19 21 48.1
YAK		e'P	S	19 26 25.9 -4.6
YAK		e'P	S	19 27 17.0
YAK		e'SS	sS	19 27 21.0 +0.1
YAK		eSS	SS	19 30 52.0 -7.8
YAK		eSSS	SS	19 34 03.7
YAK		pmx	pmx	
YAK	comp=Z,366nm,1.0s,mb6.2	pmx	pmx	

YAK	comp=N,106nm,1.1s	pmx	pmx		
YAK	comp=E,46nm,1.1s	pmx	pmx		
YAK	comp=N,37nm,1.7s	pmx	pmx		
YAK	comp=Z,29nm,1.7s,mb4.8	pmx	pmx		
YAK	comp=E,302nm,2.2s	smx			
YAK	comp=Z,16nm,1.1s	smx			
YAK	comp=N,203nm,3.2s	smx			
YAK	Yakutsk	69.28 16 P	P	19 17 33.1 -0.6	
TKM2	Tokmak 2	69.40 321 P	P	19 17 35.1 +0.2	
TKM2		PKPPK	pmx		
TKM2	comp=Z,51nm,0.9s,mb5.3	PKPPK	P	19 17 35.1 +0.2	
TKM2	Tokmak 2	69.40 321 P	P	19 17 35.1 +0.2	
TKM2		PKPPK	P	19 17 35.4 +0.5	
TKM2	Tokmak 2	69.40 321 P	P	19 17 35.4 +0.5	
TKM2		PKPPK	P	19 17 37.3 +0.8	
UCH	Uchtor	69.72 320 P	P	19 17 37.6 +0.8	
UCH		PKPPK	P	19 17 37.6 +0.8	
UCH	Uchtor	69.72 320 P	P	19 18 06.5 +0.4	
UCH		eP	pP	19 17 37.9 +1.1	
UCH		P	P	19 17 37.9 +1.1	
KBL	Kabul	69.93 311 eP	P	19 17 37.6 -0.8	
AAK	Ala-Archa	69.94 321 P	P	19 17 38.7 +0.5	
AAK	Ala-Archa	69.94 321 P	P	19 17 38.0 -0.2	
AAK		pmx	pmx		
AAK	comp=Z,48nm,0.9s,mb5.3	pmx	pmx		
AAK	Ala-Archa	69.94 321 P	P	19 17 37.7 -0.5	
AAK	Ala-Archa	69.94 321 P	P	19 17 38.3 +0.1	
AAK	Ala-Archa	69.94 321 P	P	19 17 38.3 +0.1	
AAK	Ala-Archa	69.94 321 P	P	19 17 38.3 +0.1	
AAK	Ala-Archa	69.94 321 P	P	19 17 38.0 -0.2	
AAK	comp=Z,48nm,0.9s,mb5.0,baz=130,slow=4.6,SNR=120	PKP2bc	P	19 45 41.8	
AAK	comp=Z,23nm,1.1s,baz=237,slow=2.6,SNR=42	PKP2bc	P	19 17 39.2 +1.0	
AAK	Ala-Archa	69.94 321 P	P	19 17 38.0 -0.4	
FRU	Bishkek	69.97 321 P	P	19 17 38.0 -0.4	
FRU		pmx	pmx		
CHMS	Chumysh	69.97 321 P	P	19 17 38.2 -0.2	
CHMS		SNR=19	P	19 17 40.4 +0.7	
AML	Almayashu	70.19 320 P	P	19 17 40.4 +0.7	
AML		SNR=19	P	19 17 40.4 +0.7	
AML	Almayashu	70.19 320 P	P	19 17 40.4 +0.7	
USP	Ospenovka	70.27 321 P	P	19 17 40.4 +0.2	
USP		SNR=147	P	19 17 40.4 +0.2	
RAR	Rarotonga	70.33 110 LR	LR	19 41 45.8	
RAR		comp=Z,199nm,21.7s,baz=239,slow=30	LR		
EKS2	Erkin-Say	70.41 320 P	P	19 17 41.3 +0.3	
EKS2		comp=Z,91nm,1.0s,mb5.6	P	19 17 41.9 +0.8	
EKS2	Erkin-Say	70.41 320 P	P	19 17 41.9 +0.8	
ZALV	Zalesovo Beam	71.34 334 P	P	19 17 45.6 -0.8	
ZALV		SNR=55	P	19 17 45.6 -0.8	
ZALV	Zalesovo	71.34 334 P	P	19 17 45.6 -0.8	
ZALV		SNR=55	P	19 26 53.4 -1.3	
ZALV	comp=Z,1.8nm,0.7s,baz=147,slow=12,SNR=7.9	S	S	19 26 53.4 -1.3	
ZALV	Zalesovo	71.34 334 P	P	19 17 45.7 -0.8	
ZALV		S	S	19 26 53.4 -1.3	
ZALV		S	S	19 17 46.8 +0.2	
SMY	Shemya	71.36 27 eP	PMX	19 17 46.8 +0.2	
SMY		pmx	pmx		
SMY	comp=Z,352nm,1.5s,mb6.0	MLR	MLR		
SMY	Shemya	71.36 27 eP	P	19 17 46.8 +0.2	
SMY		comp=Z,100nm,22.0s	MLR	MLR	
SMY	Shemya	71.36 27 eP	P	19 17 46.8 +0.2	
SMY		comp=Z,352nm,1.5s,mb6.0	LR	LR	
KURK	Kurchatov	72.14 329 P	P	19 17 51.5 +0.2	
KURK		comp=Z,100nm,22.0s	P	19 17 51.5 +0.2	
KURK	Kurchatov	72.14 329 P	P	19 17 51.0 -0.3	
KURK		comp=Z,3um,1.0s	P	19 17 51.0 -0.3	
KURK		eP	pP	19 18 21.7 +0.9	
KURK		S	S	19 26 57.5 -6.5	
KURK		pmx	pmx		
KURK	comp=Z,534nm,1.0s,mb6.3	pmx	pmx		
KURK	Kurchatov	72.14 329 P	P	19 17 51.0 -0.3	
KURK		comp=Z,534nm,1.0s,mb6.3	P	19 17 51.0 -0.3	
KURK		eP	P	19 18 21.6 +0.8	
KURK		S	S	19 26 57.5 -6.5	
KURK		S	S	19 17 51.4 +0.1	
KURK	Kurchatov	72.14 329 P	P	19 17 51.4 +0.1	
KURK		SNR=263	P	19 17 51.4 +0.1	
VNDA	Vanda	72.18 173 P	P	19 17 52.3 +1.1	
VNDA		pmx	pmx		
VNDA	comp=Z,5.0nm,0.4s	pmx	pmx		
VNDA	comp=Z,1.0nm,0.9s	MLR	MLR		
VNDA	comp=Z,345nm,19.3s	MLR	MLR		
VNDA	Vanda	72.18 173 eP	P	19 17 52.0 +0.9	
VNDA		comp=Z,9.1nm,0.7s,mb4.7	eP	P	19 18 23.2 +2.6
VNDA		eP	pP	19 17 52.3 +1.1	
VNDA	Vanda	72.18 173 P	P	19 17 52.3 +1.1	
VNDA		comp=Z,5.2nm,0.4s,mb4.7,baz=316,slow=6.6,SNR=77	P	19 45 33.1	
VNDA		PKP2ab	P	19 45 33.1	
VNDA	comp=Z,0.8nm,0.9s,baz=353,slow=1.3,SNR=3.6	LR	LR	19 49 54.5	
VNDA	comp=Z,345nm,19.3s,baz=35,slow=36	P	P	19 17 53.7 +0.3	
SEY	Seymchan	72.53 11 P	P	19 17 53.3 +0.8	
NVS	Novosibirsk	72.63 334 P	P	19 27 00.0 -9.4	
NVS		eS	pmx	19 27 00.0 -9.4	
NVS		pmx	pmx		
NVS	comp=Z,280nm,1.2s,mb6.0	pmx	pmx		
NVS	comp=N,185nm,1.4s	pmx	pmx		
NVS	comp=E,183nm,1.3s	smx			
NVS	comp=E,190nm,1.6s	smx			
NVS	comp=N,174nm,2.0s	smx			
SBA	Scott Base	73.08 172 P	P	19 17 58.7 +2.2	
SBA		pmx	pmx		
SBA	comp=Z,14nm,0.9s,mb4.8	pmx	pmx		
SBA	Scott Base	73.08 172 eP	P	19 17 58.2 +1.7	
SBA		comp=Z,14nm,0.9s,mb4.8	eP	pP	19 18 28.6 +2.6
SBA		comp=Z,14nm,0.9s,mb4.8	P	19 18 03.9 +2.0	
MAW	Mawson	73.99 201 eP	P	19 18 04.0 +2.1	
MAW		comp=Z,2.8nm,0.4s,mb4.8	eP	pP	19 18 20.8
MAW	Mawson	73.99 201 eP	P	19 18 04.0 +2.1	
MAW					

5d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMR, PMR Palmer, MCK, MCK McKinley, etc.

2007 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like TSMU, BZS, PSZ, Resolute Bay, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MANZ, EDM, EDM Edmonton, MOX, etc.



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

ISC/JB 05:20:31:16.3:1.3,060N:006:126E:009,584km,13km, mb4.3/18, Error ellipse: s-maj=15.7km s-min=8.5km az=162.3

NEIC 05:20:31:18.8:2.9,055N:126E:06, hg0km,28km, mb4.3/10, Error ellipse: s-maj=15.4km s-min=7.5km az=61.0

IDC 05:20:31:19.3:6.9,065N:126E:18, hg3km,68km, mb3.9/8, mb1 4.0g, mb1mx3.8/1.6, mbtmp3.8/9, ML3.3/1, Error ellipse: s-maj=39.2km s-min=15.1km az=74.0

ISC 05:20:31:17.3:1.4,057N:106:126E:009,h44km,14km, n27, #083/28, mb4.3/18, 1D, Northern Molucca Sea

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

MOS 05:20:36:18.4:0.6,5419N:15693E,h531km,mb4.3/1, Error ellipse: s-maj=98.0km s-min=93.1km az=61.8

KRSC 05:20:36:16.0:2.7,5425N:15646E,h533km,63km, ML4.2, Kamchatka Peninsula

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

IDC 05:20:47:15.9:5.3,599S:15141E,h0km,mb3.6/4, mb1 3.9/4, mb1mx3.5/14, mbtmp3.6/4, MS3.1/1, Ms1 3.1/1, ms1mx2.6/22, Error ellipse: s-maj=115.2km s-min=46.0km az=5.0, New Britain region

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

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

MOS 05:20:54:57.9:0.9,5152N:17782W,h33km,mb5.0/56, MS4.1/11, Error ellipse: s-maj=9.1km s-min=5.5km az=90.4

ISC/JB 05:20:54:59.0:0.6,5137N:005:17774W,003,h50km,4km, mb4.8/157, MS4.2/46, Error ellipse: s-maj=8.1km s-min=3.2km az=174.2

BUJ 05:20:54:58.5,5179N:17800W,h39km,mb5.0,mb4.9,Ms4.6, Ms4.4

IDC 05:20:54:58.5:2.4,5146N:17777W,h31km,16km,mb4.4/27, mb1 4.5/28, mb1mx4.5/32, mbtmp4.4/28, ML4.7/1, MS4.1/24, Ms1 4.1/24, ms1mx4.0/33, Error ellipse: s-maj=15.9km s-min=9.6km az=158.0

GCMT 05:20:55:00.8:0.4,5131N:17761W,h37km,1km, MW5.0/60, Moment Tensor Solution. s39,c51; s60,c93; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:2.91±.15; Mw:2.48±.11; Mw-0.42±.10; Ms:1.43±.11; Mw-1.09±.06; Mr:1.33±.09; Best double couple: M3.52100x10^16 Np1.25±0.0000; s30,00000; A.108.00000; NP2: q=56.00000; r=62.00000; A.80.00000; Principal axes: T q=53.0,Plg71.0000; Azm30.00000; N -0.0590; Plg6.00000; Azm61.00000; P -3.4900,Plg16.0000; Azm154.00000; nstai refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s.

SZGRF 05:20:55:00.3,5150N:17814W,h33km,mb4.6, Andreanof Islands, Aleutian Islands, United States

NEIC 05:20:55:00.8:0.2,5142N:17778W,mb4.8/103, ML4.8(AEIC), Error ellipse: s-maj=6.3km s-min=2.9km az=179.0

ISC 05:20:55:01.2:0.5,5143N:005:17777W,003,h54km,4km, h54km,1.5km,pp-P,n410, #099/401, mb4.8/157, MS4.2/46, 18C-8D, Andreanof Islands

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SVW2, KDAK, KDAK, etc.

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like IMA2, IMA2, IMA2, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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





5d 21h

Table with columns for station code, name, frequency, and other technical details. Includes stations like KHC Kasperske Hory, BURAR Bucovina Array, and various YHNE and GERS stations.

2007 MAY

Table with columns for station code, name, frequency, and other technical details. Includes stations like BGF Bois d'Agland, WRA Warramunga Arr, TCF Toule Croi, and various AKL, RKT, LPL, and other stations.

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Table with columns for station code, name, frequency, and other technical details. Includes stations like ASOF Jabal al Asfar, ROSC El Rosal, and various BOB, KMB, LIC, and other stations.

NEIC 05 21:05:11.9.0.7, 3433N:8197E, h10km, mb3.9/2, Error ellipse: s-maj=13.7km s-min=6.2km az=48.0
IDC 05 21:05:11.2.1.3, 3446N:8205E, h10km, mb3.4/6, mb1 3.7/8, mb1mx3.5/23, bmtbp3.6/8, ML3.4/2, Error ellipse: s-maj=42.6km s-min=20.8km az=63.0
ISJCJB 05 21:05:14.9k.1.0, 3461N:01:821E:02, h33km, mb3.3/5, Error ellipse: s-maj=22.3km s-min=12.3km az=145.1
ISC 05 21:05:15.8.0.8, 3442N:009.821E:01, h35km, n16, a150116, mb3.3/5, Xizang







Table with columns: SDV, Santo Domingo, 3.12 48 P, 15nm, 0.3s, baz=243, slow=3.8, SNR=86

MEX 05 23:19:29.1+0.8, 1522N:9674W, h24km, m4.2/10, Error ellipse: s-maj=2.1, 1550N:005:9667W, h26km, m4.2/10, Error ellipse: s-maj=10.0km

ISC/B 05:23:19:31.2, 1550N:005:9667W, h26km, m4.2/10, Error ellipse: s-maj=10.0km

IDC 05:23:19:38.4+4.6, 1609N:9636W, h24km, m4.1km, mb3.6/9, mb1.3/9.1, mb1mx3.7/24, mbtmp3.7/11, ML3.6/2, MS3.2/5, Ms1.3/2.5, ms1mx2.8/28, Error ellipse: s-maj=35.0km

ISC 05:23:19:34.0+1.2, 1560N:006:9656W, h27km, m6.8km, n6.8, s=131/89, mb4.0/17, MS3.3/3, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, HUIG Huatulco, HUIG Vista Hermosa, VHO Oaxaca, etc.

JTS JuntasAbangare 12.48 114 LR, comp=N, 20.8s, baz=7.7, slow=36

Table with columns: TXAR Lajitas Array, 15.16 336 P, 23 29 35.2, etc.

SDV Santo Domingo 26.18 102 P, 3.7nm, 0.7s, mb4.0, baz=296, slow=8.9, SNR=5.4

Table with columns: SCIA State Center, 26.38 6 P, 23 25 13.3+5.2, etc.

Table with columns: YKA Yellowknife Ar, 48.55 349 P, 0.8nm, 0.8s, mb3.8, baz=156, slow=7.0, SNR=10

NEIC 05 23:23:49.4+0.7, 1479N:9266W, h26km, m7.9km, MD4.1, Near coast of Chiapas

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

MOS 05:23:28:31.1+1.6, 5312N:16257E, h35km, mb4.2/1, Error ellipse: s-maj=2.1, 4km, s-min=13.6km, az=107.3

KRSC 05:23:28:31.5+0.7, 5310N:16260E, h43km, m4.2km, ML4.1, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MKZ Mys Kozlova, etc.

PET comp=N, 194nm, 0.4s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

BGR 06:00:34:03.5+0.3, 4759N:7638E, h5km, ML2.6/5, Error ellipse: s-maj=4.4km, s-min=2.2km, az=160.0

LDG 06:00:34:03.0+0.1, 4759N:764E, h4km, MD2.8/2, M2.7/20, Error ellipse: s-maj=1.5km, s-min=1.4km, az=131.0

ZUR 06:00:34:03.5+0.0, 4758N:760E, h4km, 1km, ML2.3, Error ellipse: s-maj=1.0km, s-min=0.8km, az=132.0

STR 06:00:34:03.2+0.1, 4759N:761E, h5km, M2.3, Error ellipse: s-maj=0.0km, s-min=0.0km, az=0.0

NEIC 06:00:34:03.5+0.0, 4758N:760E, h4km, ML2.7(LDG), ML2.3(ZUR), ML2.3(STR), ML2.3(SZGRF), After ZUR

ISC 06:00:34:02.6+0.2, 4759N:007:758E, 001, h0km, n13, s=123/237, 19C-16D, Switzerland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WEIL Weil am Rhein, etc.

CSEM 05:23:28:41.1, 3904N:4409E, h4km, MD3.1, After ISK

ISK 05:23:28:41.1, 3904N:4409E, h4km, MD3.1, Iran-Armenia-Azerbaijan border region

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

IDC 05:23:29:00.4+6.5, 870S:12032E, h214km, 38km, mb3.4/1, mb1.3/1.5, mb1mx2.9/18, mbtmp3.0/5, Error ellipse: s-maj=70.0km, s-min=54.0km, az=85.0, Flores region

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

IDC 05:23:57:00.2+2.1, 2129S:6701W, h174km, 22km, mb3.6/1, mb1.3/3.4, mb1mx3.2/17, mbtmp3.1/4, Error ellipse: s-maj=36.1km, s-min=22.2km, az=112.0, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, LPAZ La Paz, etc.

Table with columns: NAY, Al-Naaiem, 8.77 279 eS, 23 29 20.8 -1.1

BUI 06:00:31:20.0, 3404N:11970E, h23km, mb4.5, mb4.3, ML4.0, Ms3.3, Ms2.3, Southeastern China

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

PRU 06:00:34:02.3, 4740N:779E, h0km, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

BGR 06:00:34:03.5+0.3, 4759N:7638E, h5km, ML2.6/5, Error ellipse: s-maj=4.4km, s-min=2.2km, az=160.0

LDG 06:00:34:03.0+0.1, 4759N:764E, h4km, MD2.8/2, M2.7/20, Error ellipse: s-maj=1.5km, s-min=1.4km, az=131.0

ZUR 06:00:34:03.5+0.0, 4758N:760E, h4km, 1km, ML2.3, Error ellipse: s-maj=1.0km, s-min=0.8km, az=132.0

STR 06:00:34:03.2+0.1, 4759N:761E, h5km, M2.3, Error ellipse: s-maj=0.0km, s-min=0.0km, az=0.0

NEIC 06:00:34:03.5+0.0, 4758N:760E, h4km, ML2.7(LDG), ML2.3(ZUR), ML2.3(STR), ML2.3(SZGRF), After ZUR

ISC 06:00:34:02.6+0.2, 4759N:007:758E, 001, h0km, n13, s=123/237, 19C-16D, Switzerland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WEIL Weil am Rhein, etc.

BOURR Bourrignonn 0.31 230 P, 299nm, 0.4s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

SULZ Scheitheim 0.64 74 P, 625nm, 0.4s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

FLACH Flaach 0.67 91 P, 161nm, 0.2s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

ECH Echery 0.69 336 P, 161nm, 0.2s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

ZUR Degenried 0.72 108 P, 238nm, 0.3s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

TRULL Trullikon 0.75 85 P, 257nm, 0.4s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

CDF Champ du Feu 0.85 346 P, 60nm, 0.3s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, STEIN Stein am Rhein, etc.

STEIN Stein am Rhein 0.88 84 P, 161nm, 0.2s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

BFO Black Forest 0.90 341 P, 161nm, 0.2s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

BFO Black Forest 0.90 34 P, 161nm, 0.2s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

BFO Black Forest 0.90 34 P, 161nm, 0.2s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

WILA Wila 0.92 101 P, 535nm, 0.2s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

HASLI Hasliberg/Brie 0.92 155 P, 161nm, 0.2s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

BNALP Banalp 0.92 141 P, 89nm, 0.5s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0

HAU Haudompre 0.93 297 P, 89nm, 0.5s, Error ellipse: s-maj=0.8km, s-min=0.6km, az=155.0



SISB	Singen-Schiene	0.94	84	11	P*	Pb	00 34 21.7	-0.1
SISB	Singen-Schiene					Sb	00 34 22.4	
SISB	Singen-Schiene					Sb	00 34 33.7	-1.1
SISB	Singen-Schiene	0.94	84	11	P*	Pb	00 34 21.7	-0.1
SISB	Singen-Schiene					Sb	00 34 33.7	-1.1
SISB	Singen-Schiene	0.94	84	11	P*	Pb	00 34 22.4	
SISB	Singen-Schiene					Sb	00 34 35.7	
MUO	Muotathal	0.95	130	11	Pg	Pg	00 34 21.1	+0.2
WEIN	Weingarten	0.96	93	11	Pg	Pg	00 34 21.2	+0.3
SPAK	Spaichingen-Ko	0.96	57	P*	P*	Pb	00 34 21.4	-0.7
SPAK	Spaichingen-Ko	0.96	57	Pg	Pg	Pg	00 34 21.3	+0.3
BRANT	Les Verrieres	0.99	229	11	Pg	Pg	00 34 22.3	+0.7
GUT	Gutenstein	1.14	65	11	Pn	Pn	00 34 23.8	-2.0
GUT	Gutenstein					Pb	00 34 25.0	+0.5
GUT	Gutenstein	1.14	65	11	Pn	Pn	00 34 23.8	-2.0
GUT	Gutenstein	1.14	65	11	Pn	Pn	00 34 25.0	+0.5
THEF	They Montfort	1.24	301	Pg	Pg	Pg	00 34 27.1	+0.7
THEF	They Montfort					Pb	00 34 26.9	+0.5
LIENZ	Kamort/St.Gall	1.33	102	11	P*	P*	00 34 21.6	-6.6
LBG	Lerchenberg	1.35	37	P	P	Pg	00 34 26.3	-2.1
LBG	Lerchenberg					Sg	00 34 46.3	+0.4
LBG	Lerchenberg	1.35	37	Px	Px	Sb	00 34 46.3	+0.4
TUBL	Tuebingen-Lenn	1.38	47	Pg	Pg	Pg	00 34 30.4	+1.4
TUBL	Tuebingen-Lenn					Sg	00 34 48.0	+1.3
CABF	La Chapelle	1.41	227	eP	eP	Sg	00 34 30.5	+0.9
CABF	La Chapelle					Sg	00 34 47.8	-0.1
CABF	La Chapelle	1.41	227	ePn	ePn	Pn	00 34 28.7	-0.8
CABF	La Chapelle					Pb	00 34 30.5	+0.9
CABF	La Chapelle	1.41	227	eP	eP	Sg	00 34 30.5	+0.9
CABF	La Chapelle					Sg	00 34 47.8	-0.1
BUCH	Bad Urach	1.47	54	Pn	Pn	Pn	00 34 28.2	-2.1
BUCH	Bad Urach					Pg	00 34 31.1	+0.4
BUCH	Bad Urach					Pg	00 34 30.2	+0.4
BUCH	Bad Urach	1.47	54	P	P	Pg	00 34 31.1	+0.4
DAVA	Damuel	1.59	100	11	Pg	Sn	00 34 53.1	-0.2
DAVA	Damuel					Pn	00 34 31.7	-0.3
DAVA	Damuel	1.59	100	11	Pn	Pn	00 34 53.1	-0.2
STU	Stuttgart	1.60	42	eP	eP	Pg	00 34 33.4	+0.1
STU	Stuttgart					Sg	00 34 54.3	+0.2
SFTF	Sexfontaines	1.81	291	eP	eP	Sg	00 34 37.8	+0.5
SFTF	Sexfontaines					Sg	00 34 55.6	-3.1
SFTF	Sexfontaines	1.81	291	ePn	ePn	Pn	00 34 33.9	-1.1
SFTF	Sexfontaines					Pb	00 34 37.8	+0.5
SFTF	Sexfontaines					Sg	00 34 55.6	-3.1
SFTF	Sexfontaines	1.81	291	ePn	ePn	Pn	00 34 33.9	-1.1
SFTF	Sexfontaines					Pb	00 34 37.8	+0.5
SFTF	Sexfontaines					Sg	00 34 55.6	-3.1
VAI	Varese	1.91	154	Pn	Pn	Sn	00 34 36.6	+0.3
VAI	Varese					Sn	00 34 59.6	-1.4
MEZF	Maizieres J'vi	1.92	299	eP	eP	Sg	00 34 39.4	0.0
MEZF	Maizieres J'vi					Sg	00 35 57.9	-3.5
MEZF	Maizieres J'vi	1.92	299	ePn	ePn	Pn	00 34 35.7	-0.8
MEZF	Maizieres J'vi					Pg	00 34 39.4	0.0
MEZF	Maizieres J'vi					Sg	00 35 57.9	-3.5
MEZF	Maizieres J'vi	1.92	299	ePn	ePn	Pn	00 34 35.7	-0.8
MEZF	Maizieres J'vi					Pg	00 34 39.4	0.0
MEZF	Maizieres J'vi					Sg	00 35 57.9	-3.5
ORX	Oropa	1.98	172	Pn	Pn	Pn	00 34 40.2	+2.9
ORX	Oropa					Sg	00 35 05.5	+2.7
ORX	Oropa	1.98	172	Pn	Pn	Pn	00 34 38.7	+1.3
ORX	Oropa					Sn	00 35 05.8	+2.9
HDH	Heidenheim-Cha	2.02	60	S	S	Sn	00 35 00.7	-3.2
LPL	La Plagne	2.15	196	eP	eP	Sg	00 34 43.9	0.0
LPL	La Plagne					Sg	00 35 11.9	+0.1
LPL	La Plagne	2.15	196	ePn	ePn	Pn	00 34 40.2	+0.4
LPL	La Plagne					Pg	00 34 43.9	0.0
LPL	La Plagne					Sg	00 35 11.9	+0.1
LPL	La Plagne	2.15	196	ePn	ePn	Pn	00 34 40.2	+0.4
LPL	La Plagne					Pg	00 34 43.9	0.0
LPL	La Plagne					Sg	00 35 11.9	+0.1
LPG	La Plagne	2.17	195	eP	eP	Pg	00 34 44.2	+0.1
LPG	La Plagne					Sg	00 35 11.8	-0.4
LPG	La Plagne	2.17	195	ePn	ePn	Pn	00 34 39.6	-0.3
LPG	La Plagne					Pg	00 34 44.2	+0.1
LPG	La Plagne					Sg	00 35 11.8	-0.4
LPG	La Plagne	2.17	195	eP	eP	Pg	00 34 44.2	+0.1
LPG	La Plagne					Sg	00 35 11.8	-0.4
SIND	Sindeldorf	2.22	37	Pg	Pg	Pg	00 34 44.8	-0.3
SIND	Sindeldorf					Sg	00 35 13.7	-0.2
FETA	Feichten	2.22	104	11	Pg	Pg	00 34 46.2	+1.0
FETA	Feichten					Sg	00 35 14.4	+0.5
WLF	Waldrange	2.28	336	eSg	eSg	Pg	00 35 16.2	+0.4
WLF	Waldrange					Pg	00 34 50.2	-0.1
SQTA	Sankt Quirin	2.50	97	11	Pg	Pg	00 35 22.0	-0.7
SQTA	Sankt Quirin					Pg	00 34 50.2	-0.7
SQTA	Sankt Quirin	2.50	97	Pg	Pg	Sg	00 35 22.0	-0.7
SQTA	Sankt Quirin					Sg	00 35 22.0	-0.7
LOR	Lormes	2.54	264	eP	eP	Pg	00 34 51.2	-0.1
LOR	Lormes					Sg	00 35 22.6	-1.7
LOR	Lormes	2.54	264	eP	eP	Pg	00 34 51.2	-0.1
LOR	Lormes					Sg	00 35 22.6	-1.7
SMF	Signal de Mont	2.72	251	eP	eP	Pg	00 34 54.0	-0.7
SMF	Signal de Mont					Sg	00 35 26.4	-3.5
SMF	Signal de Mont	2.72	251	ePn	ePn	Pn	00 34 48.8	+1.3
SMF	Signal de Mont					Pg	00 34 54.0	-0.7
SMF	Signal de Mont					Sg	00 35 26.4	-3.5
SMF	Signal de Mont	2.72	251	ePn	ePn	Pn	00 34 48.8	+1.3
SMF	Signal de Mont					Pg	00 34 54.0	-0.7
SMF	Signal de Mont					Sg	00 35 26.4	-3.5
SSF	Saint Saulge	2.82	261	eP	eP	Pg	00 34 56.2	-0.4
SSF	Saint Saulge					Sg	00 35 19.5	-4.0
SSF	Saint Saulge	2.82	261	ePn	ePn	Pn	00 34 49.9	+1.1
SSF	Saint Saulge					Pg	00 34 56.2	-0.4
SSF	Saint Saulge					Sg	00 35 19.5	-4.0
SSF	Saint Saulge	2.82	261	ePn	ePn	Pn	00 34 49.9	+1.1
SSF	Saint Saulge					Pg	00 34 56.2	-0.4
SSF	Saint Saulge					Sg	00 35 19.5	-4.0
SSF	Saint Saulge	2.82	261	ePn	ePn	Pn	00 34 49.9	+1.1
SSF	Saint Saulge					Pg	00 34 56.2	-0.4
SSF	Saint Saulge					Sg	00 35 19.5	-4.0
MBDF	Montbardon	2.92	191	eP	eP	Pg	00 34 57.8	-0.7
MBDF	Montbardon					Sg	00 35 35.6	-0.7
MBDF	Montbardon	2.92	191	ePn	ePn	Pn	00 34 57.8	-0.7
MBDF	Montbardon					Sg	00 35 35.6	-0.7
ORIF	Oris-en-Rattie	2.92	204	eP	eP	Pg	00 34 57.8	-0.7
ORIF	Oris-en-Rattie					Sg	00 35 35.4	-1.0
ORIF	Oris-en-Rattie	2.92	204	ePn	ePn	Pn	00 34 49.2	-1.0
ORIF	Oris-en-Rattie					Pb	00 34 57.8	-0.7
ORIF	Oris-en-Rattie					Sg	00 35 35.4	-1.0
ORIF	Oris-en-Rattie	2.92	204	ePn	ePn	Pn	00 34 49.2	-1.0
ORIF	Oris-en-Rattie					Pb	00 34 57.8	-0.7
ORIF	Oris-en-Rattie					Sg	00 35 35.4	-1.0
AVF	Avril sur Loir	2.99	256	eP	eP	Pg	00 34 59.4	-0.4
AVF	Avril sur Loir					Sg	00 35 37.4	-1.2
AVF	Avril sur Loir	2.99	256	ePn	ePn	Pn	00 34 51.3	+0.1
AVF	Avril sur Loir					Pb	00 34 59.4	-0.4
AVF	Avril sur Loir					Sg	00 35 37.4	-1.2
AVF	Avril sur Loir	2.99	256	ePn	ePn	Pn	00 34 51.3	+0.1
AVF	Avril sur Loir					Pb	00 34 59.4	-0.4
AVF	Avril sur Loir					Sg	00 35 37.4	-1.2
GIVF	Givet	3.10	325	ePn	ePn	Pn	00 34 51.7	-1.0
GRA1	Grafenberg Arr	3.21	48	eP	eP	Pg	00 35 03.3	-0.7
GRA1	Grafenberg Arr					Sg	00 35 44.1	-1.5
GRA1	Grafenberg Arr	3.21	48	eP	eP	Pg	00 35 03.4	-0.6
GRA1	Grafenberg Arr					Sg	00 35 44.1	-1.5

GRF	Grafenberg Arr	3.21	48	eSg	eSg	Sg	00 35 43.9	-1.6
GRF	Grafenberg Arr			eP	eP	Sg	00 35 03.3	-0.7
BAIVES	Baives	3.33	319	ePn	ePn	Pn	00 35 44.0	-1.5
HYF	Humbigny	3.37	266	eSg	eSg	Sg	00 35 49.2	-1.2
BGF	Bois d'Angland	3.39	254	eP	eP	Sg	00 35 07.0	-0.6
BGF	Bois d'Angland			eSg	eSg	Sg	00 35 49.8	-1.7
BGF	Bois d'Angland	3.39	254	eP	eP	Pg	00 35 07.0	-0.6
BGF	Bois d'Angland			eSg	eSg	Pg	00 35 49.8	-1.7
VIVF	Saint-Julien-l	3.40	217	eP	eP	Pg	00 35 06.8	-0.9
VIVF	Saint-Julien-l			eSg	eSg	Pg	00 35 50.5	-1.2
VIVF	Saint-Julien-l	3.40	217	ePn	ePn	Pn	00 34 54.6	-2.2
VIVF	Saint-Julien-l			eP	eP	Pg	00 35 06.8	-0.9
VIVF	Saint-Julien-l			eSg	eSg	Pg	00 35 50.5	-1.2
VIVF	Saint-Julien-l	3.40	217	eP	eP	Sg	00 35 06.8	-0.9
VIVF	Saint-Julien-l			eSg	eSg	Pg	00 35 50.5	-1.2
WET	Wetzell	3.86	64	eSn	eSn	Sn	00 35 45.2	-4.0
WET	Wetzell			eSg	eSg	Sg	00 36 04.0	-2.6
TCF	Toulx Ste Croi	3.90	252	ePn	ePn	Pn	00 35 03.0	-0.7
TCF	Toulx Ste Croi			eSg	eSg	Sn	00 35 45.4	-4.7
TCF	Toulx Ste Croi	3.90	252	ePn	ePn	Pn	00 35 03.0	-0.7
TCF	Toulx Ste Croi			eSg	eSg	Sn	00 35 45.4	-4.7
TCF	Toulx Ste Croi			eSg	eSg	Sg	00 36 05.1	-2.7
MOX	Moxa	4.05	39	eP	eP	Pg	00 35 18.3	-1.8
NOVY	Novy Kostel	4.16	49	eP	eP	Pg	00 35 20.8	-1.5
NOVY	Novy Kostel			eSg	eSg	Pg	00 36 14.3	-1.9
NOVY	Novy Kostel	4.16	49	eP	eP	Pg	00 36 14.3	-1.9
NOVY	Novy Kostel			eSg	eSg	Pg	00 36 14.3	-1.9
GUNZ	Gunzen	4.28	47	eSg	eSg	Sg	00 36 19.0	-1.1
TANN	Tannenbergs	4.28	47	eSg	eSg	Sg	00 36 18.3	-1.8
GERESS	GERESS Array S	4.28	71	eSg	eSg	Sg	00 35 55.6	
KHC	Kasperske Hora	4.29	67	eSg	eSg	x	00 36 17.1	-3.2
LASF	Ste Croix	4.37	218	eP	eP	Pg	00 35 24.8	-1.5
LASF	Ste Croix			eSg	eSg	Pg	00 36 20.7	-2.2
LASF	Ste Croix	4.37	218	ePn	ePn			

6d 1h

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, S/N, etc.). Includes stations like HHC, CN2, GUN, PKI, etc.

2007 MAY

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like AKTO, SBA, BILL, SVE, etc.

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

NIED 06 01:09:00, 3690N:141 60E, h65km, Mw4.3 Best double
code Station Name Az Phase ID Op ISG Time Res
ONAJ Iwakimizuishi 0.60 288 S Pn 01 09 56 +0.7

Table with columns for station name, frequency, power, and other technical details. Includes stations like Alice Springs, Yellowknife Arr, and various ARCES and GEC2 stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Grafenberg Arr, Black Forest, and various GEC2 and GERS stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Almayashu, Al-Archa, Bhopal, and various AAK, AAM, and AAL stations.





6d 1h

Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like DAWY Dawson, FORT Forrest, LBTF Lobatse, etc.

ISC 06 01:28:56.20.7, 3394N-8166E, h0km, mb4.3/17, mb1 4.5/19, mb1mx4.4/24, mbtmp4.3/19, ML3.6/2, Error ellipse: s-maj=12.9 km, s-min=15.2 km az=41.0

Table with columns: Code, Station Name, Frequency, Power, Class, and other technical details. Includes stations like AAK Ala-Archa, KBL Kabul, MKR1 Makanchi Array, etc.

2007 MAY

Main table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like CHTO Chiang Mai, XAN XAN, GYA Guiyang, etc.

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Table with columns: Station Name, Frequency, Power, Class, and other technical details. Includes stations like SEY Seymchan, GEC2 GERESS Array S, GEC3 GERESS Array S, etc.







Table with 5 columns: YKA, Yellowknife Ar, 82.68, 8 P, P, 02 25 54.3 -0.5

IDC 06 02:23:35.7-0.8, 128N-126.30E, h0km, mb4.2/10, mb1 4.3/1, mb1mx4.1/19, mbtmp4.2/11, ML4.0/1, MS3.5/2, Ms1 3.5/2, ms1mx2.9/27, Error ellipse: s-maj=49.8km s-min=14.3km az=74.0

NEIC 06 02:23:37.6-0.4, 126N-126.38E, h10km, mb4.4/12, Error ellipse: s-maj=20.7km s-min=6.8km az=76.0

BUI 06 02:23:38.6, 130N, 126.40E, h10km, mb4.9, Ms4.5, Ms4.4

ISCJB 06 02:23:42.8-2.4, 119N-126.3E, h266km, 24km, mb4.3/20, Error ellipse: s-maj=27.7km s-min=10.6km az=172.3

ISC 06 02:23:43.8-1.8, 118N-126.3E, h18km, n35, 0.95/34, mb4.4/20, 2D, Northern Molucca Sea

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC

JMA 06 02:28:14.6-0.3, 3301N-136.99E, h441km, M2.9

ISCJB 06 02:28:15.4-0.7, 3301N-137.12E, h430km, 6km, mb3.2/5, Error ellipse: s-maj=17.1km s-min=10.7km az=151

IDC 06 02:28:15.8-1.9, 3297N-136.92E, h412km, 27km, mb3.0/5, mb1 3.1/6, mb1mx2.9/21, mbtmp2.9/6, Error ellipse: s-maj=60.8km s-min=15.5km az=76.0

ISC 06 02:28:16.7-0.6, 3311N-137.14E, h424km, 7km, n25, 0.15/23, mb3.2/5, Near south coast of eastern Honshu

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC

CSEM 06 02:34:21.6-0.2, 4384N-203.7E, h2km, ML2.8, Error ellipse: s-maj=4.9km s-min=3.3km az=50.0

ISCJB 06 02:34:22.7-0.4, 4389N-202.35E, h3km, h12km, 3km, Error ellipse: s-maj=4.4km s-min=3.5km az=151.9

NEIC 06 02:34:22.1, 4382N-202.5E, h5km, ML2.8(BUC), After BUC

BEO 06 02:34:23.4-0.4, 4386N-203.1E, h12km, 4km, ML2.9, 9m

ISC 06 02:34:23.6-0.5, 4388N-202.35E, h0.4, h10km, 3km, n45, 0.15/61, 10C-10D, Northwestern Balkan Peninsula

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC

IDC 06 02:39:12.4-3.1, 3468N-83.19E, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.5/21, mbtmp3.6/4, ML3.3/1, MS3.4/1, ms1mx2.4/18, Error ellipse: s-maj=158.3km s-min=27.6km az=85.0, Xizang

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC

ISCJB 06 02:48:54.9-0.7, 3832N-203.6E, h0.3, h3km, 5km, Error ellipse: s-maj=5.2km s-min=3.4km az=135.6

ATH 06 02:48:54.3, 3832N-203.5E, h1km, 1km, MD3.5/14

NEIC 06 02:48:54.2, 3823N-202.9E, h13km, MD3.6(ATH), After ATH

CSEM 06 02:48:56.1-0.2, 3832N-204.0E, h1km, ML3.5, Error ellipse: s-maj=3.3km s-min=1.6km az=46.0

THE 06 02:48:56.0, 3835N-204.2E, h3km, ML3.5

ISC 06 02:48:56.2-0.7, 3832N-203.6E, h4km, 5km, n39, 0.09/52, Greece

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC

IDC 06 02:52:25.0-3.2, 3448N-82.64E, h0km, mb3.3/3, mb1 3.6/4, mb1mx3.3/21, mbtmp3.4/4, ML2.9/1, Error ellipse: s-maj=159.0km s-min=28.2km az=65.0, Xizang

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC

FUNV 06 03:15:49.8, 6.77N-73.13W, h165km, MW3.2

ISCJB 06 03:15:50.0-0.7, 6.91N-72.94W, h171km, 6km, mb3.6/9, Error ellipse: s-maj=10.5km s-min=9.3km az=157.0

NEIC 06 03:15:50.6-0.6, 6.72N-72.92W, h172km, 6km, mb3.6/5, Error ellipse: s-maj=16.7km s-min=8.8km az=146.0

IDC 06 03:15:50.3-1.2, 6.78N-72.89W, h166km, 13km, mb3.4/5, mb1 3.6/8, mb1mx3.3/22, mbtmp3.5/8, Error ellipse: s-maj=30.6km s-min=13.8km az=133.0

ISC 06 03:15:51.0-0.7, 6.89N-72.93W, h164km, 6km, n32, 0.06/33, mb3.6/9, 6D, Northern Colombia

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC

IDC 06 03:16:37.9-2.1, 6.77S-154.83E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.8/13, mbtmp3.8/4, MS3.0/2, Ms1 3.0/2, ms1mx2.9/20, Error ellipse: s-maj=150.2km s-min=29.1km az=128.0, Bougainville - Solomon Islands region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC

NEIC 06 03:45:29.0, 23.90N-123.40E, h20km, Mw4.6 Best double couple: M9.97000x1015 NP1.9x52.00000, 571.00000, 1.76.00000, NP2.9x270.00000, 824.00000, 1.25.00000

BUI 06 03:45:29.9, 23.75N-123.63E, h28km, mb4.6, mb4.5, ML4.3, Ms4.3, Ms2.1

IDC 06 03:45:24.5-0.6, 23.98N-123.36E, h0km, mb4.4/19, mb1 4.4/21, mb1mx4.4/26, mbtmp4.3/21, ML3.5/2, MS4.0/8, Ms1 4.0/8, ms1mx3.6/30, Error ellipse: s-maj=21.6km s-min=13.8km az=69.0

NEIC 06 03:45:27.9-1.7, 23.94N-123.42E, h22km, 12km, mb4.6/46, MW4.6(NIED), Error ellipse: s-maj=6.5km s-min=5.7km az=190.0

NEIC Recorded [2 JMA] on Iriomote-jima. ISCJB 06 03:45:28.7-0.5, 23.92N-123.34E, h39km, 3km, mb4.6/81, MS4.1/15, Error ellipse: s-maj=5.5km s-min=3.7km az=177.0

JMA 06 03:45:28.5-0.2, 23.85N-123.36E, h28km, 2km, M4.9

JMA Fell II J1. MOS 06 03:45:28.9-0.9, 24.12N-123.37E, h33km, mb4.9/35, Ms4.2/4, Error ellipse: s-maj=11.4km s-min=5.5km az=117.3

SZGRF 06 03:45:29.4, 24.26N-124.31E, h33km, mb4.7, Southwestern Ryukyu Islands, Japan

ISC 06 03:45:29.4-0.6, 23.92N-123.36E, h0.7, h31km, 3km, h35-12D, 2km, p-P, n219, 0.09/6/236, mb4.6/81, MS4.1/15, 15C-13D, Southwestern Ryukyu Islands

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC

6d 3h

2007 MAY

Table with columns for station code, name, frequency, and signal strength. Includes stations like SSE, S, Sn, 03 48 37.9 -0.2, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like GUMO Guam, CHTO Chiang Mai, CHTO Chiang Mai, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like GAMB Gambell, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KHC Kasperske Hory, GEC2 GERESS Array B, GRA1 Grafenberg Arr, etc.

WEL 06 03:47:29.5-0.5, 4055S-17326E, h197km, 3km, ML3.6/13, Error ellipse: s-maj=3.2km s-min=2.4km az=0.0, Cook Strait

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DUWZ D'Urville Isla, QRTZ Quartz Range, NNZ Nelson, etc.

BJI 06 03:53:44.0, 2407N-6208E, h31km, mb5.1, mb4.6, Ms4.6, Msz4.3 SZGRF 06 03:53:51.0, 2351N-6237E, h31km, mb4.9, Off coast of Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WBK Wadi Bani Khal, BIDO Bidbid, SMDO Samad, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BSYO Bisya, BSY Bisya, BANOH Banah, BANOM Banah, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV comp=Z,3.2nm,0.5s,mb4.5, GAT Gaotai, GAT Gaotai, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like ARCES ARCESS Array B, La Chapelle, Oris-en-Rattie, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like POO, Chirah Chowk, KUDL, etc.

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

OMAN 06 04:00:40.9, 2528N:6454E, h16km
CSEM 06 04:01:00.7, 0.1, 2503N:6290E, h28km, mb4.9/68, Error ellipse: s-maj=3.6km s-min=2.9km az=163.0
ISCJB 06 04:01:00.1, 0.2, 2498N:004.6297E:002, h27km, mb4.7/120, MS4.1/17, Error ellipse: s-maj=5.3km s-min=2.8km az=177.9
MOS 06 04:01:01.6, 0.9, 2505N:6292E, h33km, mb4.9/79, MS4.1/6, Error ellipse: s-maj=6.8km s-min=3.9km az=121.8
BUJ 06 04:01:01.1, 2515N:6286E, h32km, mb5.0, mb4.8, Ms4.5, Ms4.3
IDC 06 04:01:02.0, 0.5, 2501N:6295E, h26km, mb3.0, mb4.3/21, mb1.4, 3/22, mb1mx4.2/28, mbtmp4.3/22, ML4.4/1, MS3.8/4, Ms1.3/8.4, ms1mx3.4/26, Error ellipse: s-maj=13.4km s-min=11.7km az=30.0
NEIC 06 04:01:02.5, 0.2, 2508N:6299E, mb4.8/68, Error ellipse: s-maj=5.1km s-min=3.6km az=183.0
NEIC Felt at Gwadur and Palsni.
SZGRF 06 04:01:09.1, 2492N:6149E, h31km, mb4.8, Off coast of Pakistan

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Wadi Bani Khal, Bidbid, Samad, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like POO, Chirah Chowk, KUDL, etc.

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







BLLM		eS	x	04 45 15.7	
CAHU	Cacacuatique	0.70 348f	eP	04 45 06.9	
CAHU		eS	x	04 45 22.4	
SNVI	San Vicente	0.92 305	eP	04 45 04.8	
SNVI		eS	x	04 45 18.0	
CRIN	San Cristobal	1.05 111f	eP	04 45 05.0 -1.6	
CRIN		eS	x	04 45 23.6 +1.0	
LFRS	El Faro	1.11 299	eP	04 45 06.0	
LFRS		eS	x	04 45 19.1	
TGUH	Teguicigalpa,Un	1.23 38	ePn	04 45 09.3 +0.7	
TGUH		eS	x	04 45 25.2 -1.0	
TELS	Telica 3	1.29 113f	eP	04 45 08.0 -1.0	
TELS		eS	x	04 45 23.3 +0.0	
TELN	Telica	1.29 112f	eP	04 45 08.4 -0.8	
TELN		eS	x	04 45 29.4 +2.1	
BOQS	Boqueron	1.35 299f	eP	04 45 08.9	
BOQS		eS	x	04 45 24.8	
CNGN	Cerro Negro	1.45 211	eP	04 45 09.1 -2.0	
CNGN		eS	x	04 45 31.1 +0.5	
MOMJ	Momotombo	1.63 114	eP	04 45 14.4 +1.1	
MOMJ		eS	x	04 45 34.5 -0.1	
COPN	Comaltepe	1.69 122	eP	04 45 12.3 -1.7	
COPN		eS	x	04 45 28.3 -1.7	
SNUE	San Jose	1.70 298f	eP	04 45 13.5	
SNUE		eS	x	04 45 32.8	
SBSL	San Blas	1.70 296	eP	04 45 13.4	
SBSL		eS	x	04 45 32.8	
CSAN		1.813 119	eP	04 45 15.2 -0.6	
CSAN		eS	x	04 45 38.8 -0.2	
APYN	Apoyeque	1.87 117f	eP	04 45 15.9 -0.4	
XAVN	Guata Xavier	1.93 119	eP	04 45 16.2 -0.7	
TISEN	Laguna Tiscapa	1.98 118	eP	04 45 17.1 -0.6	
HUEN		1.98 112	eP	04 45 18.2 +0.4	
MGAN	Managua	2.00 118	eP	04 45 17.3 -0.6	
MGAN		i		04 45 44.6	
CRUN	El Crucero	2.04 122f	eP	04 45 17.9 -0.5	
TICN	Ticuantepe	2.07 120	eP	04 45 18.3 -0.5	
APON	Apoyo	2.26 121	eP	04 45 20.8 -0.5	
SSAN	San Juan del S	2.31 129	eP	04 45 28.2 -0.2	
CONN	Concepcion	2.82 122	eP	04 45 29.1 +0.5	
MADN	Villa Maderas	2.98 124	eP	04 45 31.0 +0.2	
JTS	JuntasAbangare	4.12 132	eP	04 45 43.1 -3.0	
JTS		comp=E, 2.9nm, 0.3s, baz=311, slow=18, SNR=18		04 45 51.5 +5.4	
JTS		comp=E, 2.9nm, 0.3s, baz=306, slow=17, SNR=66		04 46 33.0 -0.3	
JTS		comp=E, 2.5nm, 0.3s, baz=207, slow=23, SNR=2.1		04 46 47.6	
JCR	Jicaral	4.32 138	eP	04 45 46.9 -2.0	
CGA2	Cerro Gallo 2	4.66 131	eP	04 45 54.4 +1.1	
CGA2		eS	x	04 46 48.5 +2.2	
PR51	Puriscal	4.79 130	eP	04 45 55.7 +0.5	
LAJ	Bijagua	5.01 129	eP	04 46 01.2 -4.0	
LCR2	La Lucha 2	5.18 129	eP	04 46 01.2 +0.8	
LCR2		eS	x	04 47 00.7 +1.7	
BAR1		6.02 129	eP	04 46 11.9 -0.0	
TEIG	Tepeich	7.11 358	eP	04 46 28.2 +1.6	
TERV	Terraz Guagua	16.17 144	eP	04 48 26.7 +0.2	
JCT	Junction City	20.43 320	eP	04 49 13.5 -0.8	
JCT		comp=E, 2.2nm, 0.5s			
TXAR	Lajas Array	21.71 321	eP	04 49 27.2 -0.7	
TXAR		comp=E, 2.3nm, 0.7s, mb3=137, slow=11, SNR=30			
BCMP	Cornudas Mount	24.43 322	eP	04 49 54.0 -0.2	
BCMP		comp=E, 1.2nm, 0.5s, mb3=5			
GRW	Mount Saint Ca	25.77 89	eP	04 50 05.2 -1.4	
GRW	Mount Saint Ca	25.77 89	eP	04 50 05.2 -1.4	
GRHS	Sauteurs	25.79 89	eP	04 50 05.0 -0.8	
GRHS	Sauteurs	25.79 89	eP	04 50 05.0 -0.8	
GRSS	Sisters	25.81 89	eP	04 50 06.6 -0.4	
GRSS	Sisters	25.81 89	eP	04 50 06.6 -0.4	
GRIC	Isle de Caille	25.84 89	eP	04 50 06.6 -0.5	
SDCO	Great Sand Dun	29.07 331	eP	04 50 36.6 +0.8	
SDCO		comp=E, 1.7nm, 1.0s, mb4=2			
BW06	Boulder Array	34.94 332	eP	04 51 27.2 +0.2	
BW06		comp=E, 1.2nm, 0.9s, mb3=7			
HWUT	Hardware Ranch	35.03 329	eP	04 51 28.7 +0.9	
HWUT		comp=E, 1.1nm, 0.9s, mb4=6			
REDW	Red Top Meadow	36.00 331	eP	04 51 36.7 +0.5	
REDW		comp=E, 4.0nm, 0.5s, mb4=6			
SNOW	Snow King Moun	36.03 331	eP	04 51 37.2 +0.8	
SNOW		comp=E, 1.1nm, 0.9s, mb4=2			
LOHW	Long Hollow	38.08 332	eP	04 51 37.8 +1.0	
LOHW		comp=E, 2.9nm, 1.0s, mb4=2			
TPAW	Teton Pass	36.14 331	eP	04 51 37.8 +0.4	
TPAW		comp=E, 2.5nm, 0.7s, mb4=2			
MOOR	Moose Ponds	36.24 332	eP	04 51 38.7 +0.5	
MOOR		comp=E, 1.6nm, 0.6s, mb4=1			
NVAV	Mina Array Bea	36.84 319	eP	04 51 44.9 +1.6	
NVAV		comp=E, 0.9nm, 0.8s, mb3=7, baz=150, slow=7.3, SNR=4.3			
ULM	Lac du Bonnet	37.61 352	eP	04 51 48.3 -1.3	
ULM		comp=E, 2.5nm, 0.5s, mb3=6			
ULM	Lac du Bonnet	37.61 352	eP	04 51 48.6 -1.1	
ULM		comp=E, 2.5nm, 0.5s, mb4=3, baz=170, slow=8.6, SNR=7.2			
EDM	Edmonton	44.81 339	eP	04 52 48.1 -0.4	
SCHG	Schefferville	44.85 317	eP	04 52 49.2 +0.4	
SCHG		comp=E, 4.4nm, 0.8s, mb4=0, baz=2931, slow=8.2, SNR=6.3			
YKA	Yellowknife Ar	52.85 345	eP	04 53 49.3 -0.6	
YKA		comp=E, 0.4nm, 0.3s, mb3=9, baz=149, slow=6.6, SNR=33			
YKA	Yellowknife Ar	52.85 345	eP	04 54 07.0 -7.8	
YKA		comp=E, 0.3nm, 0.5s, baz=133, slow=8.2, SNR=8.3			
WRA	Warramunga Arr	138.87 255	eP	05 04 02.2 +2.0	
WRA		comp=E, 0.3nm, 0.4s, baz=91, slow=2, SNR=6.0			
ASAR	Alto Springs	138.93 249	eP	05 04 00.5 +0.3	
ASAR		comp=E, 0.3nm, 0.6s, baz=129, slow=3.0, SNR=1.1			
FITZ	Fitzroy Cross	147.19 257	eP	05 04 17.0 -0.2	
FITZ		comp=E, 1.0nm, 0.9s, baz=178, slow=16, SNR=6.3			

CAPV	Capacho	1.25 27	eP	04 47 43.1 +0.1	
CAPV		eS	x	04 48 04.3 -0.7	
CAPV	Capacho	1.25 27	eP	04 47 43.1 +0.1	
CAPV		eS	x	04 48 03.7 -1.2	
OCAC	Ocana	1.54 344	eP	04 47 43.6 -2.3	
OCAC		eS	x	04 47 57.9 -4.0	
ROSC	El Rosal	2.37 217	eP	04 47 54.9 -0.1	
ROSC	El Rosal	2.37 217	ePn	04 47 54.8 -0.2	
ROSC		eS	x	04 48 21.5 -4.7	
ROSC	El Rosal	2.37 217	eP	04 47 54.6 -0.3	
ROSC		comp=E, 6.4nm, 0.3s, baz=40, slow=5.4, SNR=31			
ROSC	baz=282, slow=20				
ROSC	12nm, 0.3s, baz=73, slow=19, SNR=14				
SOCCV	Socops	2.53 53	eP	04 48 25.3 -0.9	
SOCCV		eS	x	04 47 58.0 +1.1	
WIGV	El Vigia	2.57 36	eP	04 48 29.9 +0.3	
WIGV		eS	x	04 47 57.6 +0.3	
WIGV	El Vigia	2.57 36	eP	04 48 30.9 +0.4	
WIGV		eS	x	04 47 57.6 +0.3	
WIGV	Santa Helena	2.69 259	eP	04 48 28.5 -2.0	
WIGV		eS	x	04 47 55.1 -3.8	
HELCO	Santo Domingo	3.08 46	eP	04 48 29.9 -3.2	
HELCO		eS	x	04 48 04.3 +0.6	
SDV	Santo Domingo	3.08 46	ePn	04 48 41.0 -0.8	
SDV		comp=E, 2.2nm, 0.3s, baz=253, slow=11, SNR=7409			
SDV	1um, 0.3s, baz=69, slow=22, SNR=1				
ELOV	Elorza	3.39 86	eP	04 48 09.4 +2.0	
ELOV		eS	x	04 48 50.5 +1.9	
PRAC	Prado	3.64 214	eP	04 48 08.6 -2.1	
PRAC		eS	x	04 48 52.2 -2.1	
WIRV	Villa del Rosa	3.76 7	eP	04 48 10.6 -0.3	
WIRV		eS	x	04 48 52.1 -5.1	
QARV	Quebrada Arrib	4.16 34	eP	04 48 17.5 +0.2	
QARV		eS	x	04 49 03.4 -2.8	
SANV	Sanarito	4.30 50	eP	04 48 19.4 +0.2	
SANV		eS	x	04 49 08.6 -1.0	
CURV	Curarigua	4.35 42	eP	04 49 08.6 -1.0	
CURV		eS	x	04 49 08.4 -2.3	
SOLC	Bahia Solano	4.56 266	eP	04 48 18.4 -4.1	
SOLC		eS	x	04 48 24.0 -0.5	
DAVB	Dabajuro	4.71 28	eP	04 48 26.7 +0.3	
DAVB		eS	x	04 48 27.0 +0.4	
TEPV	Tepabamba	4.85 49	eP	04 48 20.8 -3.5	
TEPV		eS	x	04 48 27.0 -0.4	
SIQV	Siquisique	4.93 38	eP	04 49 22.6 -1.7	
SIQV		eS	x	04 48 29.4 -1.5	
SIQV	Siquisique	4.93 38	eP	04 48 31.2 -0.7	
SIQV		eS	x	04 49 03.2 -0.7	
MALC	Bahia Malaga	5.20 239	eP	04 48 31.2 -0.7	
MALC		eS	x	04 49 29.6 -2.8	
BAUV	El Baul	5.27 65	eP	04 48 31.2 -0.7	
BAUV		eS	x	04 49 29.6 -2.8	
BAUV	Puerto Ayacucho	5.37 104	eP	04 49 30.4 +0.8	
BAUV		eS	x	04 49 30.4 -0.2	
PACV	Jacura	5.89 43	eP	04 48 39.7 -4.2	
PACV		eS	x	04 49 15.0 -0.3	
JACV	Turiamo	6.20 53	eP	04 49 51.1 -3.3	
JACV		eS	x	04 48 48.4 -0.2	
CAOV	Caicara del Or	6.50 85	eP	04 50 00.4 -2.1	
CAOV		eS	x	04 48 49.0 -0.5	
CRUC	La Cruz	6.61 218	eP	04 48 54.0 -0.4	
CRUC		eS	x	04 49 10.2 -3.5	
MERV	Las Mercedes	7.08 69	eP	04 50 11.2 -3.5	
MERV		eS	x	04 48 52.6 -0.0	
FUNV	FUNVISIS	7.95 59	eP	04 48 52.6 -0.0	
FUNV		eS	x	04 50 12.4 -0.6	
BCIP	Isla Barro Co	7.29 290	ePn	04 50 12.4 -0.6	
BCIP		comp=E, 685nm, 0.8s			
AZU	Azuero	7.50 279	eP	04 48 55.6 -4.4	
AZU		eS	x	04 49 00.9 -0.6	
BIRV	Birongo	7.62 60	eP	04 50 21.9 -4.0	
BIRV		eS	x	04 49 04.0 +0.8	
BIRV	Copira	7.75 64	eP	04 49 09.9 -2.0	
BIRV		eS	x	04 49 12.7 -0.7	
ORCV	Isla La Orchil	8.30 52	eP	04 49 18.7 -0.4	
ORCV		eS	x	04 49 18.7 -0.4	
PARV	Paraguaján	8.41 76	eP	04 49 18.7 -0.4	
PARV		eS	x	04 49 18.7 -0.4	
PCRV	Puerto La Cruz	8.84 67	eP	04 49 18.7 -0.4	
PCRV		eS	x	04 49 18.7 -0.4	
PCRV	Puerto La Cruz	8.84 67	eP	04 49 18.7 -0.4	
PCRV		comp=E, 328nm, 0.3s, baz=222, slow=5.3, SNR=108			
IBAV	Isla La Blanqui	9.62 58	eP	04 49 27.4 -2.0	
IBAV		eS	x	04 49 28.9 -1.2	
ORIV	Ortupiano	9.67 76	eP	04 49 28.9 -1.2	
ORIV		eS	x	04 49 30.2 -1.2	
GURV	El Guri	9.78 83	eP	04 49 28.3 -4.7	
GURV		eS	x	04 49 37.4 -1.0	
CRUV	Carupano	10.30 67	eP	04 49 39.5 -0.1	
CRUV		eS	x	04 49 12.1 -3.1	
GUNV	Guanooco	10.40 70	eP	04 51 31.9 -8.4	
GUNV		eS	x	04 49 47.5 -0.7	
BAR1		11.02 284	eP	04 49 47.1 -1.9	
BAR1		eS	x	04 51 48.9 -5.6	
RIOV	Rio Grande	11.06 82	eP	04 49 50.0 -2.7	
RIOV		eS	x	04 49 52.6 -1.3	
BUSV	Buena Vista	11.12 285	eP	04 49 57.7 +3.2	
BUSV		eS	x	04 49 56.9 +0.5	
URSC	Urasca	11.21 287	eP	04 49 56.9 +0.5	
URSC		eS	x	04 49 56.9 +0.5	
LUISC	Luepa	11.39 94	eP	04 49 57.6 -0.4	
LUISC		eS	x	04 50 09.4 -0.6	
LCR2	La Lucha 2	11.40 286	eP	04 49 58.7 -0.3	
LCR2		eS	x	04 50 03.0 -0.9	
SJS	Escuela Geolog	11.49 287	eP	04 49 58.7 -0.3	
SJS		eS	x	04 50 01.1 -0.4	
LAJ	Bijagua	11.54 286	eP	04 50 03.1 -0.6	
LAJ		eS	x	04 50 03.1 -0.6	
TCE					

6d 4h

Table with columns for station call letters, name, frequency, and other details. Includes stations like Binghamton, Saint Louis, Weston, etc.

2007 MAY

Table with columns for station call letters, name, frequency, and other details. Includes stations like Sonoran Desert, Winslow, Paradox Valley, etc.

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Table with columns for station call letters, name, frequency, and other details. Includes stations like Corn Creek, Stansbury, Lasa Array, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like MCMT McKenzie Canyon, HELL Mitchell Peak, N10A Dunphy, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like WVOR Wild Horse Val, G11A Walters Elk Ra, BEKA Beckworth, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like YBH Yreka Blue Hor, YBH Yreka Blue Hor, D08A Wollman Farm, etc.

6d 4h

Table with columns: DBIC, Dimboko, 67.51, 86, P, 04 57 53.5 +0.1, etc. Lists various radio stations and their frequencies.

2007 MAY

Table with columns: MEZF, Maizieres J'vi, 76.98, 42, P, 04 58 48.4 -0.5, etc. Lists various radio stations and their frequencies.

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Table with columns: SOTA, Sankt Quirin, 81.08, 43, P, 04 59 11.2 0.0, etc. Lists various radio stations and their frequencies.







PBDV	comp=Z,80nm,2,1s Barranco-do-Ve	16.92 112	eP	Pn	06 11 27.9 +1.5	LOR	comp=Z,3um,20.5s,MS4.7 Lormes	21.79 74	eP	P	06 12 20.7 -0.6	FBE	Freiberg	27.64 64	eP	P	06 13 17.8 +0.8
PBDV	comp=Z,80nm,2,1s		A		06 11 36.4	LOR	comp=Z,85nm,1,6s,mb4.9			LR	06 12 20.7 -0.6	KHC	Kasperke Hory	27.69 67	eP	P	06 13 19.9 -0.3
PBDV	comp=Z,78nm,2,5s		eLR	LR	06 15 22.9	MDT	comp=Z,3um,20.5s,MS4.7 Midelt	21.81 117	P	P	06 12 24.3 +2.6	KHC			eS	x	06 13 37.2
ROSF	comp=Z,4um,18.0s Rostréren	16.93 71	eP	Pn	06 11 25.4 -1.0	MDT	comp=Z,11nm,1,1s,mb4.3,baz=300,slow=13,SNR=5.4			LR	06 19 51.6	KHC		AMS	AMS		06 18 02.0 -1.6
PVAQ	comp=Z,64nm,1,5s Vaqueiros	16.97 111	eP	Pn	06 11 27.0 0.0	PLDF	comp=Z,1um,19.6s,MS4.3,baz=333,slow=34	21.81 77	eP	P	06 12 21.9 +0.2	BRG	comp=Z,2um,19.5s Berggiesshubel	28.02 64	eP	P	06 13 19.8 -0.6
PVAQ	comp=Z,64nm,1,5s		A		06 11 36.2	BAIF	comp=Z,67nm,1,6s,mb4.5	21.85 66	eP	P	06 12 21.8 -0.2	BRG	comp=Z,16nm,1,8s,mb4.3		e	S	06 13 37.6
PVAQ	comp=Z,61nm,1,9s		eLQ	LR	06 14 40.6	BAIF	comp=Z,34nm,1,6s,mb4.5	21.85 66	eP	Pmax	06 12 21.8 -0.2	BRG	comp=Z,740nm,19.2s,MS4.3		eS	LR	06 13 19.7 -0.7
PVAQ	comp=Z,61nm,1,9s		eLQ	LR	06 15 36.5	BAIF	comp=Z,34nm,1,6s,mb4.5	21.85 66	eP	P	06 12 21.8 -0.2	BRG	comp=Z,77nm,1,8s,mb4.5		eS	P	06 13 19.8 -0.6
QUIF	comp=Z,3um,19.2s Quistinic	17.00 73	eP	Pn	06 11 26.0 -1.3	SMF	comp=Z,34nm,1,6s,mb4.5	21.86 75	eP	P	06 12 23.0 +0.9	BRG	comp=Z,27nm,1,8s,mb4.6		e		06 13 37.6
PBAR	comp=Z,48nm,1,9s Barrancos	17.00 108	eP	Pn	06 11 26.5 -0.9	SMF	comp=Z,32nm,1,7s,mb4.8	21.86 75	eP	Pmax	06 12 23.0 +0.9	BRG	comp=Z,23nm,1,8s		S	S	06 18 13.0 +9.0
PBAR	comp=Z,48nm,1,9s		A		06 11 36.5	SMF	comp=Z,66nm,1,7s,mb4.8	21.86 75	eP	P	06 12 23.0 +0.9	BRG	comp=N,2um,15.3s				
PBAR	comp=Z,46nm,1,9s		eLR	LR	06 15 41.4	COLF	comp=Z,66nm,1,7s,mb4.8	21.86 75	eP	P	06 12 21.9 -1.2	BRG	comp=E,1um,14.5s				
EGRO	comp=Z,2um,21.8s El Granado	17.05 110	P	Pn	06 11 28.4 +0.3	UCC	Collangettes	21.95 79	eP	P	06 12 24.6 +1.5	BRG	comp=Z,1um,19.2s				
EGRO	comp=Z,2um,21.8s		P	Pn	06 11 28.4 +0.3	UCC	Ucc	21.95 79	eP	P	06 12 24.6 +1.5	GEC2	GERESS Array B	28.11 68	eP	P	06 13 20.8 -0.5
EGRO	comp=Z,60nm,1,4s El Granado	17.05 110	P	Pn	06 11 28.4 +0.3	DOC	Dourbes	22.09 66	P	P	06 12 24.0 0.0	GERES	GERESS Array B	28.11 68	eP	P	06 13 20.0 -1.3
SGMF	comp=Z,60nm,1,4s Saint Gilles	17.41 72	eP	Pn	06 11 32.0 -0.3	GIVF	Givet	22.24 66	eP	P	06 12 26.2 +1.6	GERES	comp=Z,2,2nm,0.9s,mb3.9,baz=276,slow=6.3,SNR=9.5		LR	LR	06 23 44.6
EMIN	comp=Z,60nm,1,4s Mina Concepcio	17.46 109	P	Pn	06 11 33.2 +0.1	LASF	Ste Croix	22.38 82	eP	P	06 12 28.5 +0.3	HFS	comp=Z,2um,19.5s,MS4.7,baz=267,slow=35		LR	LR	06 24 11.6
ELAN	comp=Z,88nm,1,7s Lanestosa	17.48 89	P	Pn	06 11 33.9 +0.5	LASF	Ste Croix	22.38 82	eP	P	06 12 28.4 +0.7	PRU	comp=Z,2um,19.5s,MS4.7,baz=267,slow=35		eS	S	06 13 25.6 +0.9
ELAN	comp=Z,88nm,1,7s		P	Pn	06 11 33.9 +0.5	MEZF	Maizieres J'vi	22.46 70	eP	P	06 12 29.7 +1.2	PRU	comp=Z,665nm,18.9s,MS4.3,baz=255,slow=35		eS	S	06 13 38.2
ESDC	comp=Z,34nm,1,4s Lanestosa	17.48 89	P	Pn	06 11 33.9 +0.5	MEZF	Maizieres J'vi	22.46 70	eP	P	06 12 29.7 +1.2	PRU	comp=Z,665nm,18.9s,MS4.3,baz=255,slow=35		eS	S	06 18 15.9 +4.4
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	PRU	comp=Z,2um,17.6s		AMS	AMS	06 24 00.0
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,3um,17.8s		eS	S	06 13 32.4 +1.4
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	TREC	Trest	29.20 67	eP	P	06 13 32.4 +1.4
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	TREC	Trest	29.20 67	eP	P	06 18 26.3 +3.7
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	TREC	Trest	29.20 67	eP	P	06 24 00.0
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.0 -0.5
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.4 +1.4
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 18 26.3 +3.7
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 24 00.0
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.0 -0.5
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.4 +1.4
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 18 26.3 +3.7
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 24 00.0
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.0 -0.5
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.4 +1.4
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 18 26.3 +3.7
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 24 00.0
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.0 -0.5
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.4 +1.4
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 18 26.3 +3.7
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 24 00.0
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.0 -0.5
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.4 +1.4
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 18 26.3 +3.7
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 24 00.0
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.0 -0.5
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.4 +1.4
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 18 26.3 +3.7
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 24 00.0
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.0 -0.5
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.4 +1.4
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 18 26.3 +3.7
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 24 00.0
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.0 -0.5
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.4 +1.4
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 18 26.3 +3.7
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 24 00.0
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.0 -0.5
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 13 32.4 +1.4
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4	UPC	comp=Z,2um,17.6s		eS	S	06 18 26.3 +3.7
ESDC	comp=Z,34nm,1,4s		P	Pn	06 11 33.9 +0.5	BCLA	Clavier	22.55 65	P	P	06 12 29.9 +0.4</						



Table with columns: Code, Station Name, Az, MS4, Phase ID, Time, Res, ISC. Rows include stations like Les Rejaudoux, Toulx Ste Croix, Calviac, etc.

Table with columns: Code, Station Name, Az, MS4, Phase ID, Time, Res, ISC. Rows include stations like TCF TCF, TCF TCF, CAF Calviac, etc.

Table with columns: Code, Station Name, Az, MS4, Phase ID, Time, Res, ISC. Rows include stations like AKASG Malin Array Be, OBN Obninsk, OBN Obninsk, etc.

ICD 06:22:31.21, 1.0, 4578N:28.14W, h0km, mb3.8/9, mb1.3/9/11, mb1mx3.8/28, mbtmp3.8/11, ML3.92, MS4.0/19, Ms1.4, 0.19, ms1mx3.9/36, Error ellipse: s-maj=33.7km s-min=18.5km az=179.0

MOS 06:22:32.51, 1.0, 4523N:27.47W, h10km, mb4.7/32, Error ellipse: s-maj=13.5km s-min=6.3km az=151.5

CSEM 06:22:32.01, 1.0, 4528N:27.50W, h10km, mb4.5/32, MS3.8, Error ellipse: s-maj=11.1km s-min=2.4km az=179.0

ISCBJ 06:22:33.2, 3.2, 4541N:0.1, 2755W:0.05, h13km, 15km, mb4.4/43, MS4.0/22, Error ellipse: s-maj=23.0km s-min=6.2km az=178.5

NEIC 06:22:36.0, 0.5, 4571N:27.50W, h10km, mb4.6/33, Error ellipse: s-maj=16.2km s-min=5.1km az=183.0

SZGRF 06:22:40.3, 4623N:27.54W, h33km, mb4.3, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, MS4, Phase ID, Time, Res, ISC. Rows include stations like ROSF Rostrenen, QUIF Quintrin, SGMF Saint Giles, etc.

Table with columns: Code, Station Name, Az, MS4, Phase ID, Time, Res, ISC. Rows include stations like TCF TCF, TCF TCF, CAF Calviac, etc.

Table with columns: Code, Station Name, Az, MS4, Phase ID, Time, Res, ISC. Rows include stations like AKASG Malin Array Be, OBN Obninsk, OBN Obninsk, etc.











6d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DLBC Dease Lake, GYA Guiyang, WMQ Urumqi, MK31 Makanchi Array, etc.

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ISCJB 06 12:10:27.6:0.5,5140N:003.1613E, h0km, Error ellipse: s-maj=4.0km s-min=2.4km az=21.8
IPEC 06 12:10:27.5:0.2,5150N:1624E, h0km, ML2.0/3, Error ellipse: s-maj=1.2km s-min=0.8km az=47.0
NEIC 06 12:10:28.1,5150N:1618E, h1km, ML2.7(SZGRF), After SZGRF.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSP Ksiaz, BRG Berggiesshubel, RUE Ruedersdorf, etc.

ISC 06 12:16:23.0:132.0,1545S:17397E, h0km, mb3.8/3, mb1 4.0/8, mb1mx3.7/11, mbtmp3.8/3, Error ellipse: s-maj=2289.0km s-min=148.6km az=70.0, Fiji Islands region

ISC 06 12:34:24.7:4.5,242S:13888E, h0km, mb3.3/2, mb1 3.6/3, mb1mx3.4/12, mbtmp3.3/8, ML3.4/1, Error ellipse: s-maj=183.5km s-min=29.7km az=87.0, Irian Jaya

ISC 06 13:05:40.8:0.9,2184N:14310E, h0km, mb3.8/8, mb1 4.0/8, mb1mx3.9/18, mbtmp3.9/8, MS2.6/1, Ms1 2.6/1, ms1mx2.3/7, Error ellipse: s-maj=35.5km s-min=19.8km az=98.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, KSRK Korea Array, SONM Songoing Array, etc.

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ISC 06 13:13:21.2:1.6,602S:10305E, h0km, mb4.0/10, mb1 4.0/10, mb1mx3.9/21, mbtmp4.0/10, Error ellipse: s-maj=62.7km s-min=15.3km az=52.0, Southwest of Sumatra

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

ISC 06 13:20:28.2:0.7,2186N:14316E, h0km, mb3.9/12, mb1 4.1/12, mb1mx4.0/21, mbtmp3.9/12, MS3.5/14, Ms1 3.5/14, ms1mx3.4/32, Error ellipse: s-maj=26.9km s-min=18.3km az=80.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBIJ Chichi jima, GUMO Guam, JHU Hachioji jima, etc.

ISC 06 13:37:38.1:0.9,1019N:12695E, h0km, mb3.8/8, mb1 3.9/8, mb1mx3.7/18, mbtmp3.8/8, MS2.7/1, Ms1 2.7/1, ms1mx2.5/35, Error ellipse: s-maj=74.6km s-min=18.1km az=52.0

ISC 06 13:37:45.3:1.1,994N:006.12633E, h0km, h64km=11km, mb3.8/8, Error ellipse: s-maj=13.4km s-min=9.4km az=174.0

MAN 06 13:37:46.992N:12615E, h16km, mb4.9, ML3.8, MS3.9 ISC 06 13:37:46.8:1.2,995N:006.12630E, h0km, h64km=12km, n24, c096/28, mb3.8/8, 1C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, MSPL Maasin, OCLP Ormoc, etc.

ISC 06 13:48:12.5:1.9,259S:12740E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.5/16, mbtmp3.5/3, Error ellipse: s-maj=138.4km s-min=25.7km az=56.0, Ceram Sea

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

ISC 06 14:00:29.1:2.0,2427S:17990W, h481km,21km, mb3.6/11, mb1 3.7/12, mb1mx3.5/18, mbtmp3.6/12, Error ellipse:

s-maj=19.2km s-min=17.5km az=116.0
ISCJB 06 14:00:31.3, 1.4, 24045, 0.09, 1799E, 0.1, h506km, 16km, mb4.0/11, Error ellipse: s-maj=17.8km s-min=13.0km az=158.6

NEIC 06 14:00:34.0, 1.4, 24435, 17997E, h544km, 19km, mb4.3/2, Error ellipse: s-maj=24.0km s-min=16.2km az=182.0

ISC 06 14:00:32.6, 1.3, 2419S, 0.09, 1799E, 0.1, h511km, 16km, n25, c098/23, mb4.0/11, South of Fiji Islands

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

NIED 06 14:04:00, 4570N, 15180E, h5km, Mw4.8 Best double couple: Mo:1.60000e+10, NP1:0.720000e+08, NP2:0.2740000e+08, NP3:0.8130000e+07, NP4:1.120000e+07

SZGRF 06 14:04:18.0, 4426N, 15137E, h33km, mb4.6, East of Kuril Islands, Russia

SKHL 06 14:04:18.4, 1.8, 4547N, 15213E, h58km, 25km, mb5.0/6, Ms3.8/2

ISCJB 06 14:04:19.2, 1.1, 4532N, 15181E, 0.05, h27km, 8km, mb4.6/74, MS3.7/19, Error ellipse: s-maj=9.3km s-min=4.6km az=151.2

NEIC 06 14:04:19.2, 2.6, 4551N, 15177E, h12km, 16km, mb4.7/37, MS4.1/4, Error ellipse: s-maj=10.5km s-min=6.3km az=140.0

JMA 06 14:04:20.8, 0.4, 4565N, 15180E, h30km, M4.8, MOS 06 14:04:21.8, 1.2, 4560N, 15168E, h36km, mb4.9/29, Error ellipse: s-maj=10.2km s-min=5.7km az=110.7

IDC 06 14:04:26.0, 3.5, 4558N, 15167E, h67km, 32km, mb3.9/17, mb1.4/019, mb1.1mx4.0/25, mbtmp3.9/19, ML3.7/2, MS3.5/8, MS1.3/8, ms1mx3.3/29, Error ellipse: s-maj=18.0km s-min=13.2km az=157.0

ISC 06 14:04:21.3, 1.0, 4542N, 15183E, 0.05, h27km, 7km, h15km, 1.1km, p-P, n254, c124/279, mb4.6/73, MS3.7/19, 18C-7D, Kuril Islands

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 various seismic stations and their associated data points.

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









Table with columns: YOZ, Yozgat, 2.02 102 ePN, Pn, 17 42 50.8 -0.1, etc.

MOS 06 17:44:39.0.0.9, 752S:1349W, h10km, mb4.9/21, Error ellipse: s-maj=15.0km s-min=7.6km az=70.8

ISCJB 06 17:44:39.0.0.3, 756S:006:1347W, h10km, mb4.5/40, MS4.2/18, Error ellipse: s-maj=10.9km s-min=7.9km az=26.5

IDC 06 17:44:39.2.0.6, 760S:1343W, h0km, mb4.1/18, mb1.4/219, mb1mx4.1/26, mbtmp4.1/19, ML3.1/1, MS4.2/17, Ms1.4/217, ms1mx4.1/22, Error ellipse: s-maj=16.8km s-min=15.3km az=11.1

GCMT 06 17:44:40.5.0.2, 756S:1356W, h12km, MW5.0/68, Moment Tensor Solution, s28 c31; s68 c90; Duration: 0 Moment tensor: Scale 1016Nm; Mr-3.38; 10; Mw0.25; 11; Mw0.3.13; 10; Mw0.26; 39; Mw0.05; 08; Mw1.57; 35; Best double couple: Mo3.66600e+16 NP1=350.00000e+6, s32.00000e+6, -90.00000e+6; NP2=0s170.00000e+6, s58.00000e+6, -90.00000e+6. Principal axes: T 3.5880, Plg13.0000, Azm260.0000; N 0.1520, Plg0.0000, Azm350.0000; P -3.7440, Plg77.0000, Azm81.0000; nst1 refers to body waves, cutoff=40s.

nst2 refers to surface waves, cutoff=50s. NEIC 06 17:44:40.5.0.4, 767S:1356W, h10km, mb4.8/19, MS4.3/7 Error ellipse: s-maj=11.1km s-min=7.5km az=141.0 SZGRF 06 17:44:43.6, 753S:1317W, h20km, mb4.4, Ascension Island region

ISC 06 17:44:41.1.0.3, 759S:006:1349W, h07, h10km, (h19km, 0km, pp-P), n109, e109/99, mb4.5/40, MS4.2/18, 2D, Ascension Island region

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

Main table with columns: GRA1, Grafenberg Arr, 60.98 18 eP, pP, 17 55 00.1 +2.4, etc.

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



Table with columns for station code, name, frequency, power, and other technical details. Includes stations like WMQ, LGTI, PTH, NGP, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like PET, KURK, MA2, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BSY, SVE, SVE, etc.

6d 18h

VRSR	comp=Z,20nm,1.5s,mb4.8	pmax	pmax		
VRSR	comp=N,7.0nm,1.5s	pmax	pmax		
VRSR	comp=E,20nm,1.8s	pmax	pmax		
VRSR	comp=N,60nm,4.2s	smax			
VRSR	comp=Z,20nm,5.4s	smax			
VRSR	comp=E,10.0nm,4.2s	MLR	MLR		
VRSR	comp=Z,190nm,14.0s,MS4.5	MLR	MLR		
VRSR	comp=N,90nm,15.0s,MS4.5	MLR	MLR		
VRSR	comp=E,160nm,16.0s,MS4.5	MLR	MLR		
TMCR	Tamitsa 71.03 333 i/P	P		18 38 33.2	-0.3
KOPT	Kop Dagj 71.19 307 i/P	P		18 38 35.2	+0.2
MARD	Mardin 71.33 304 i/P	P		18 38 33.8	-2.1
SOC	Sochi 71.34 311 c i/P	P		18 38 35.4	-0.4
SOC		ePP	pP	18 38 47.7	-2.1
SOC		e		18 42 53.5	
SOC		eSS	S	18 47 47.8	-2.0
SOC		eSS	sS	18 48 24.4	+9.4
SOC	comp=Z,29nm,0.8s,mb5.3	MLR	MLR		
SOC	comp=Z,2um,16.0s,MS5.5				
SOC	Sochi 71.34 311 i/P	P		18 38 35.6	-0.2
MOS	Moscow 71.59 324 e/P	P		18 38 35.6	-1.5
MOS		e	pP	18 38 47.0	-5.1
MOS		e		18 38 56.9	
MOS		e		18 41 11.9	
MOS	comp=Z,400nm,2.3s,mb5.9	pmax	pmax		
MOS	comp=Z,121nm,1.4s,mb5.6	MLR	MLR		
TTA	Tatalina 71.85 29 e/P	P		18 38 40.1	+1.6
SWZ	Sparrevohn 72.16 31 e/P	P		18 38 41.5	+1.2
PTK	Pertek 72.19 306 e/P	P		18 38 42.3	+1.3
OBN	Obninsk 72.24 323 P	P		18 38 40.4	-0.6
OBN	comp=Z,412nm,1.8s,mb5.1,SNR=8.3				
OBN	Obninsk 72.24 323 i/P	P		18 38 40.2	-0.8
OBN		e		18 41 22.1	
OBN		iS	S	18 47 56.6	-3.1
OBN	comp=Z,140nm,1.6s,mb5.6	MLR	MLR		
OBN	comp=Z,2um,21.0s,MS5.3				
OBN	Obninsk 72.24 323 e/P	P		18 38 39.4	-1.5
OBN	comp=Z,215nm,1.5s,mb5.9				
SVRC	Sivrice-ELAZID 72.33 305 e/P	P		18 38 42.9	+1.1
ELZG	Elazig 72.56 306 i/P	P		18 38 43.1	-0.1
IMAZ	Indian Mountain 72.68 25 e/P	P		18 38 44.0	+0.6
GRSN	GiresunGRSN 72.75 308 i/P	P		18 38 41.2	-3.1
APA	Apacity 72.80 336 i/P	P		18 38 43.6	-0.5
APA		e	pP	18 38 56.4	-2.7
APA		eS		18 48 00.0	-5.6
APA	comp=Z,39nm,1.0s,mb5.3	MLR	MLR		
ANN	comp=Z,2um,17.0s,MS5.5				
ANN	Anapa 72.82 312 c i/P	P		18 38 43.9	-0.8
ANN		ePP	pP	18 48 07.8	+1.1
ANN		iS	S	18 48 07.8	+1.1
ANN		eSS	SS	18 52 53.8	+6.6
ANN		eSSS		18 56 04.7	
ANN	comp=Z,73nm,1.4s,mb5.4	MLR	MLR		
ANN	comp=Z,1um,19.0s,MS5.2				
URFA	Urfa 72.85 305 e/P	P		18 38 45.6	+0.7
MALT	Malatya 73.02 306 e/P	P		18 38 46.9	+0.9
MALT	Malatya 73.02 306 i/P	P		18 38 46.6	+0.7
MALT	Malatya 73.02 306 i/P	P		18 38 46.6	+0.6
GZT	Gaziantep 73.85 305 i/P	P		18 38 49.7	-1.2
SVSK	Karacayir 73.86 307 e/P	P		18 38 51.5	+0.6
KDKA	Kodiak Island 74.00 34 LR	LR		19 14 11.5	
JOF	comp=Z,439nm,19.1s,MS4.8,baz=264,slow=38				
JOF	Joensuu 74.12 332 e/P	P		18 38 51.1	-0.8
JOF	comp=Z,6.8nm,0.4s,mb4.9	pmax	pmax		
JOF	Joensuu 74.12 332 e/P	P		18 38 51.1	-0.8
JOF	comp=Z,7.0nm,0.4s,mb4.9	pmax	pmax		
GAZ	Gaziantep 74.16 305 e/P	P		18 38 53.3	+0.7
KVT	Kavak 74.39 309 e/P	P		18 38 54.3	+0.4
KEV	Kevo 74.88 339 e/P	P		18 38 55.4	-0.8
KEV	comp=Z,3.7nm,0.4s,mb4.7	pmax	pmax		
KEV	Kevo 74.88 339 e/P	P		18 38 55.4	-0.8
KEV	comp=Z,4.0nm,0.4s,mb4.7	pmax	pmax		
BNN	Bunyan 74.92 306 e/P	P		18 38 56.9	-0.2
PUL	Pulkovo 75.03 328 i/P	P		18 38 57.9	+0.2
SIM	Simferopol' 75.13 313 c i/P	P		18 38 57.9	-0.2
SIM		e	pP	18 39 10.0	+3.2
SIM		eS		18 48 34.4	+1.7
SIM	comp=Z,59nm,0.9s,mb5.5	MLR	MLR		
SIM	comp=Z,1um,20.7s,MS5.2				
SIM	Simferopol' 75.13 313 e/P	P		18 38 57.8	-0.3
BOYT	Boyabat 75.18 309 i/P	P		18 38 56.2	-2.3
KOZT	Kozan 75.19 305 e/P	P		18 38 59.0	+3.1
PMR	Palmer 75.19 30 e/P	P		18 38 59.0	+0.9
PMR	comp=Z,12nm,0.5s,mb5.1	pmax	pmax		
PMR	Palmer 75.19 30 e/P	P		18 38 59.0	+0.9
PMR	comp=Z,12nm,0.5s,mb5.1	pmax	pmax		
CTKT	Corunna 75.41 308 i/P	P		18 38 58.1	-1.7
ARCES	ARCCESS Array B 75.43 339 P	P		18 38 59.3	-0.1
ARCES	comp=Z,6.5nm,0.6s,mb4.8,baz=7.0,SNR=46	LR	LR	19 17 24.1	
ARCES	comp=Z,814nm,18.2s,MS5.1,baz=72,slow=40				
CORM	Corunna 75.61 308 e/P	P		18 39 01.4	+0.4
KARA	Karaisali 75.83 305 e/P	P		18 39 02.8	+0.5
CADAG	Cicekdag 75.91 307 i/P	P		18 38 57.1	-5.5
NIG	Nigde 76.02 306 e/P	P		18 39 03.8	+0.5
BALT	Dayday 76.28 310 i/P	P		18 39 04.2	-0.6
MERS	Mersin 76.33 305 e/P	P		18 39 05.3	+0.2
KBS	Kingsbay 76.44 349 e/S	S		18 48 47.5	+1.4
KBS	comp=Z,930nm,18.1s,MS5.1	AMS	AMS	19 17 35.7	
KAMT	Kaman 76.46 307 e/P	P		18 39 04.3	-1.5
FIAT	FINESSE Array S 76.79 331 e/P	P		18 39 06.4	-0.8
FINES	FINESSE Array B 76.79 331 i/P	P		18 39 06.9	-0.3
FINES	comp=Z,9.0nm,0.6s	pmax	pmax		
FINES	FINESSE Array B 76.79 331 P	P		18 39 06.5	-0.7
FINES	comp=Z,8.5nm,0.6s,mb4.9,baz=86,slow=7.8,SNR=40	LR	LR	19 16 18.8	
DIV	Divide 76.87 30 P	P		18 39 09.6	+1.9
ANTO	comp=Z,22nm,0.9s,mb5.4				
ANTO	Ankara 77.05 308 e/P	P		18 39 08.5	-0.6
ANTO	comp=Z,70nm,1.5s,mb5.4				
ANTO	Ankara 77.05 308 P	P		18 39 09.3	+0.2
ANTO	SNR=8.3				
ANTO	Ankara 77.05 308 P	P		18 39 09.3	+0.2
ANTO	SNR=8.3				
ANTO	Ankara 77.05 308 P	P		18 39 09.3	+0.2
ANTO	SNR=8.3				
ANTO	Ankara 77.05 308 i/P	P		18 39 08.9	-0.3
IKL	Isikil 77.12 304 e/P	P		18 39 09.5	-0.1
AKASG	Malin Array Be 77.29 319 i/P	P		18 39 09.3	-1.0
AKASG	comp=Z,24nm,1.0s	pmax	pmax		
AKASG	Malin Array Be 77.29 319 P	P		18 39 09.1	-1.1
AKASG	comp=Z,24nm,1.0s,mb5.1,baz=66,slow=5.2,SNR=108	LR	LR	19 16 47.3	
AKASG	comp=Z,802nm,20.7s,MS5.0,baz=80,slow=38				
AKKB	Malin Array Si 77.29 319 e/P	P		18 39 09.2	-1.1
KIEV	Kiev 77.30 319 e/P	P		18 39 09.2	-1.1
KIEV	comp=Z,115nm,1.5s,mb5.6	pmax	pmax		
KIEV	Kiev 77.30 319 e/P	P		18 39 09.2	-1.1
KIEV	comp=Z,115nm,1.5s,mb5.6	pmax	pmax		

2007 MAY

TRO	Tromsø 77.65 339 e/P	P		18 39 10.6	-1.3
TRO		eS	S	18 48 59.8	+0.4
TRO	comp=Z,613nm,19.7s,MS4.9	AMS	AMS	19 17 43.5	
KDHM	Kadlinhani 77.85 307 i/P	P		18 39 08.4	-5.3
KIZT	Kizilcal 77.85 307 e/P	P		18 39 14.2	0.0
LEF	Lefka 77.99 303 e/P	P		18 39 14.6	+0.1
EGAK	Eagle 78.05 26 e/P	P		18 39 13.5	-0.8
HENT	comp=Z,16nm,0.8s,mb5.0				
KIS	Hendek 78.26 309 i/P	P		18 39 13.5	-2.4
KIS	Kishinev 78.35 316 e/P	P		18 39 15.0	-1.2
KIS		e		18 49 06.0	
KIS	comp=Z,220nm,1.2s,mb5.9	MLR	MLR		
KIS	comp=E,2um,20.0s	MLR	MLR		
KIS	comp=Z,3um,20.0s,MS5.6	MLR	MLR		
KIS	comp=Z,2um,20.0s	MLR	MLR		
KIS	Kishinev 78.35 316 e/P	P		18 39 15.0	-1.2
KIS	comp=Z,200nm,1.2s,mb5.9	LRM		19 16 20.0	
KIS	comp=Z,2um,20.0s				
BORA	Estelhar 78.81 308 i/P	P		18 39 16.3	-2.6
DAWY	Dawson 78.99 26 e/P	P		18 39 19.3	-0.1
SHUT	Suhut-Afyon 79.04 307 e/P	P		18 39 20.1	-0.1
TIRR	Tirgusor 79.21 313 i/P	P		18 39 20.8	-0.2
ISP	Isparta 79.24 306 e/P	P		18 39 20.4	-0.9
ISP	Isparta 79.24 306 i/P	P		18 39 20.5	-0.7
ISP	Isparta 79.24 306 i/P	P		18 39 20.5	-0.8
ALT	Altintas 79.26 308 e/P	P		18 39 21.1	-0.3
YLV	Yalova 79.45 309 e/P	P		18 39 21.8	+0.6
HARR	Harsova 79.49 314 i/P	P		18 39 23.2	+0.7
HARR	Harsova 79.49 314 i/P	P		18 39 23.9	+0.4
PSN	Presentstsi 79.56 317 e/P	P		18 39 25.7	+0.3
PSN	Presentstsi 79.56 312 i/P	P		18 39 21.4	-1.5
GDZ	Geziz 79.72 308 i/P	P		18 39 18.7	-5.3
INUVIK	Inuvik 79.84 21 e/P	P		18 39 22.2	-1.7
INUVIK	comp=Z,741nm,1.1s,mb5.5				
INUVIK	comp=Z,310nm,20.1s,MS4.7,baz=289,slow=36	LR	LR	19 14 50.3	
VRI	Vrincioiaia 80.02 315 i/P	P		18 39 26.4	+1.0
VRI	Vrincioiaia 80.02 315 i/P	P		18 39 26.1	+0.7
PLOR	Plostina 80.08 315 e/P	P		18 39 26.5	+0.8
SIUW	Suwali 80.09 324 e/P	P		18 39 25.2	-0.4
SUW	Suwali 80.09 324 e/P	P		18 39 25.2	-0.4
GOLH	Golhisar 80.11 306 i/P	P		18 39 21.0	-5.1
PRD	Provadia 80.23 312 i/P	P		18 39 26.6	0.0
MORB	Moi Rana 80.38 337 e/P	P		18 39 25.0	-1.9
MORB	comp=Z,30nm,1.3s,mb5.1	Amb	Amb	18 39 27.4	
MORB	Moi Rana 80.38 337 e/P	P		18 39 25.0	-1.9
MANIT	Manisa 80.57 307 i/P	P		18 39 26.1	-2.4
BURAR	Burucina Array 80.58 317 i/P	P		18 39 28.5	+0.3
BURAR	Bucovina Array 80.58 317 i/P	P		18 39 28.5	+0.2
MLR	Muntele Rosu 80.65 315 P	P		18 39 29.5	+0.7
MLR	Muntele Rosu 80.65 315 i/P	P		18 39 29.0	+0.2
L'VOV	L'vov 80.74 319 i/P	P		18 39 27.1	-2.0
L'VOV	comp=Z,1um,18.0s,MS5.2	MLR	MLR		
L'VOV	comp=N,200nm,19.0s,MS5.0	MLR	MLR		
BUCI	Bucharest 80.89 314 P	P		18 39 31.3	+1.2
JMB	Yambol 81.00 312 e/P	pP		18 39 47.5	+1.5
JMB	Yambol 81.00 312 i/P	P		18 39 30.8	+0.1



Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BSEG Bad Segeberg, GROS Grobnik, KHC Kasperske Hory, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like RETA Reutte, CFI Castel Tesino, TOD Tromm, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SMF Signal de Mont, SMF Signal de Mont, MAW Mawson, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CMCH Combarbala, JACH Jahuel, etc.

6d 20h

Table with columns: FCH, FCH, FCH, PCH, PCH, LMEL, LMEL, LMEL, LMEL. Includes station names like Farellones, Pirique, Las Melosas and various codes.

NEIC 06 19:28:00.1±1.2, 2.0475s:6998W, h54km±13km, Error ellipse: s-maj=19.9km s-min=12.1km az=92.0

ISC 06 19:28:01.6±1.1, 2.0425s:6983W, h60km±8km, mb3.1/3, mb1 3.5/5, mb1mx3.3/17, mbtmp3.4/5, Error ellipse: s-maj=34.3km s-min=26.0km az=104.0

ISCJB 06 19:28:03.0±0.8, 2.0565s:006:6955W:0.1, h93km±14km, mb3.3/2, Error ellipse: s-maj=18.0km s-min=9.4km az=178.9

ISC 06 19:28:04.7±0.8, 2.0575s:006:6955W:1, h89km±14km, n15, c126/15, mb3.3/2, 1C, Northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like CEN1, ANCH, LPZA, ARE, SIV, CFAA, PLCA, BDFB, YKA, YKA, YKA.

ISCJB 06 19:28:49.8±0.4, 3.657N:003:13950E:007, h123km±3km, mb3.5/8, Error ellipse: s-maj=9.9km s-min=5.3km az=1.1

ISC 06 19:28:49.8±1.1, 3.666N:13964E, h108km±6km, mb3.2/8, mb1 3.4/12, mb1mx3.3/24, mbtmp3.3/12, Error ellipse: s-maj=17.1km s-min=9.7km az=78.0

NEIC 06 19:28:50.5±0.8, 3.655N:13956E, h112km±7km, MG3.4(JMA), Error ellipse: s-maj=13.8km s-min=8.5km az=117.0

JMA 06 19:28:51.3±0.1, 3.654N:13943E, h116km±1km, M3.4

ISC 06 19:28:51.1±0.4, 3.659N:003:13949E:007, h117km±3km, n32, c087/46, mb3.5/8, Eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like JAG, JAG, JKT, JRY, JRY, JHK, JHK, MJAR, MAJO, MAJO, MAT, MAT, JNS, JNS, JYJ, JYJ, JOD2, JOD2, JSD, JSD, JAW, JAW, JSH, JSH, JHM, JHM, JHM, JHM, JHM, JHM.

ERM Erimo 6.12 27 ePn Pn 19 30 18.2 -0.8

ASAJ Asahikawa 7.89 17 P Pn 19 30 42.0 -2.7

KSRS Korea Array 9.25 279 P Pn 19 31 04.0 +2.1

SONM Songino Array 26.77 305 P P 19 34 21.1 +1.3

ZALV Zalesovo Beam 41.08 313 P P 19 36 22.2 -0.7

MKAR Makanchi Array 43.05 302 P P 19 36 39.2 +0.2

INIK Inuvik 55.49 196 P Pn 19 38 14.1 +0.9

FITZ Fitzroy Crossi 58.94 196 P Pn 19 38 17.0 0.0

WRAB Warramunga Arr 56.42 186 ePn P 19 38 19.9 -0.5

ASAR Alice Springs 60.16 186 P P 19 38 46.0 -0.3

YKA Yellowknife Arr 64.97 30 P P 19 39 17.7 -0.2

TXAR Lajitas Array 91.61 51 P P 19 41 46.1 +1.1

ISC 06 19:29:54.1±2.1, 0.70N:12668E, h0km±0.0/3, mb1 3.2/3, mb1mx3.1/14, mbtmp3.1/3, Error ellipse: s-maj=181.8km s-min=26.7km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like WRA, ASAR, MKAR, WRA, ASAR, MKAR, WRA, ASAR, MKAR, WRA, ASAR, MKAR.

ISC 06 19:51:15.9±1.3, 3.421N:8175E, h0km±3.6/6, mb1 3.8/8, mb1mx3.2/22, mbtmp3.6/8, ML3.5/1, Error ellipse: s-maj=45.3km s-min=20.6km az=66.0

NEIC 06 19:51:17.1±1.0, 3.421N:8182E, h10km±mb3.7/2, Error ellipse: s-maj=27.1km s-min=12.8km az=68.0

2007 MAY

ISCJB 06 19:51:19.9±0.8, 3.44N:01:819E:02, h33km±mb3.8/7, Error ellipse: s-maj=22.1km s-min=11.8km az=148.6

BUI 06 19:51:20.5±0.7, 3.457N:8253E, h8km±mb4.1, ISC 06 19:51:22.4±3.3, 3.44N:02:819E:02, h38km±28km, n16, c098/16, mb3.8/7, 2C, Xizang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like MKAR, KURK, ZALV, KMI, BVAR, BRVK, SONM, LPG, LPL, WRA, INK, ASAR, YKA.

CSEM 06 19:55:22.5±0.1, 3.868N:3085E, h2km±MD3.5, Error ellipse: s-maj=1.4km s-min=1.1km az=2.0

ISCJB 06 19:55:23.4±0.6, 3.868N:002:3086E:003, h3km±5km, Error ellipse: s-maj=3.9km s-min=3.7km az=24.8

ISC 06 19:55:23.3±0.7, 3.867N:3086E, h5km±MD3.5, DDA 06 19:55:24.3±0.3, 3.867N:3086E, h6km±MD3.4, M3.5

ISC 06 19:55:24.0±0.5, 3.866N:002:3086E:003, h1km±5km, n48, c082/57, 3C-2D, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like SHUT, SHUT, ALT, TKTP, KIZT, ESKT, ESKT, SEYT, ISP, KDHN, KDHN, KDHN, KHL, GDZ, GDZ, BCK, KONT, GPA, DENT, KULA, GOLH, GOLH, LOD, ANKA, ADST, DVT, DURS, ZI, ELL, HEND, HENT, YLV, KAMT, AKS, AKS, FET, KCT, BALB, YER, ISK, BNT, EDC, CAFT, SANC, KLYT, NIG, IKL, TOS, MERS, TIRP, VTS, MLR, PLOR, BURAR.

ISC 06 20:00:35.6±2.2, 0.43N:12679E, h0km±mb3.2/3, mb1 3.5/3, mb1mx3.3/15, mbtmp3.3/3, Error ellipse: s-maj=165.4km s-min=28.6km az=66.0, Northern Molucca Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like WRA, ASAR, MKAR.

ISCJB 06 20:02:39.1±1.2, 1.764N:006:1198E:01, h71km±10km, mb3.8/3, Error ellipse: s-maj=17.8km s-min=8.9km az=22.8

ISC 06 20:02:50.1±5.0, 1.580N:12133E, h0km±mb3.6/4, mb1 3.8/4, mb1mx3.5/19, mbtmp3.7/4, Error ellipse: s-maj=259.8km s-min=27.3km az=90.0

ISC 06 20:02:40.7±1.2, 1.761N:006:1198E:01, h61km±11km, n17, c099/22, mb3.7/3, 1C-4D, Philippine Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like ABRA, PIP, BOLP, LUBP, BCPH, BCPH, CVP, CAUP, PCPH, PCPH, BALP, PALP, POLP, LUBP, BUSP, ENPP, WRA, ASAR, STKA.

ISC 06 20:22:08.6±1.0, 3.598N:005:9970E:007, h10km±n8, c126/15, mb3.4/2, Qinghai

ISC 06 20:22:24.4±0.1, 3.598N:005:9970E:007, h10km±n8, c126/15, mb3.4/2, Qinghai

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ISCJB 06 20:08:50.4±0.4, 4.376N:003:10516W:004, h0km±mb4.0/4, Error ellipse: s-maj=4.7km s-min=3.6km az=155.4

ISC 06 20:08:52.8±0.9, 4.407N:10589W, h0km±mb4.0/4, mb1 3.9/7, mb1mx3.7/23, mbtmp3.8/7, ML3.1/3, Error ellipse: s-maj=25.1km s-min=11.7km az=130.0

NEIC 06 20:08:52.6±0.4, 4.375N:10516W, h0km±ML3.4, Error ellipse: s-maj=5.5km s-min=4.6km az=115.0, Suspected Mining explosion.

NEIC 65 km [40 miles] SSE of Gillette. ISC 06 20:08:52.5±0.4, 4.382N:003:10525W:004, h0km±n52, c097/4, mb4.0/4, Wyoming

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like PHWY, RWWY, LAO, RLMT, BWO6, LWKY, LOHW, FLWY, MOOW, YNR, SNOW, ISCO, YFTF, REDW, IMW, TPWA, YMR, DCID, AHDI, QLMT, CLMT, DGMT, DGMT, SMCO, BOZO, HWUT, JLU, CTU, HVU, HVU, NQU, SDCO, SDCO, MPU, PV10, PV10, ECSD, NLU, CHKT, CBKS, CBKS, CBKS, MVCO, MSU, MSU, CCUT, ULM, ULM, ULM, NVAR, TXAR, TXAR, TXAR, ARCES, FINES, ZALV, MKAR.

CSEM 06 20:22:08.0±0.3, 3.811N:2366E, h30km±ML2.8, Error ellipse: s-maj=7.1km s-min=3.7km az=65.0

THE 06 20:22:08.3, 3.811N:2366E, h7km±ML2.8

ISCJB 06 20:22:09.1±0.7, 3.811N:004:2356E:005, h5km±Error ellipse: s-maj=7.0km s-min=4.1km az=41.9

ATH 06 20:22:10.5±0.1, 3.801N:2355E, h5km±ML1.8

ISC 06 20:22:08.6±1.8, 3.810N:005:2360E:007, h18km±17km, n10, c067/16, Greece

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like ATH, ATH, PTL, KVR, KVR, KVR, LTK, LTK, DID, DID, LKR, LKR, LKR.

ISCJB 06 20:22:29.9±0.9, 3.608N:006:9979E:007, h10km±mb3.4/2, Error ellipse: s-maj=9.6km s-min=6.4km az=137.4

ISC 06 20:22:23.6±7.5, 3.565N:9935E, h0km±mb3.6/1, mb1 3.6/5, mb1mx3.3/23, mbtmp3.6/5, ML3.3/2, Mst 1 3.3/2, ms1mx2.6/20, Error ellipse: s-maj=119.1km s-min=43.0km az=135.0

BUI 06 20:22:24.5±0.3, 3.580N:9929E, h12km±ML3.7, M3.7, M3.2.2

ISC 06 20:22:24.4±0.1, 3.598N:005:9970E:007, h10km±n8, c126/15, mb3.4/2, Qinghai

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists station LZH.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LZH, JIU2, JOW, JNU, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIU2, JOW, JNU, JMW, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAW, MRW, MRK, etc.

IDC 06 20:41:18.3-4.8, 2468N, 14129E, h171km, 91km, mb3.6/2, mb1 3.7/4, mb1mx3.2/19, mbtmp3.6/4, Error ellipse: s-maj=152.9km s-min=23.5km az=70.0, Volcano Islands region

ORF 06 21:10:43.7, 1831S, 17975E, h30km, mb7.0, MOS 06 21:11:50.3, 1.2, 1929S, 17933W, h657km, mb6.1/46, Error ellipse: s-maj=36.4km s-min=14.3km az=107.4

EIDS 06 21:11:51.8, 1883S, 17884W, h673km, mb5.4, mb5.5, NEIC 06 21:11:52.5, 0.1, 1940S, 17935W, mb6.0/135, MW6.4, Error ellipse: s-maj=3.9km s-min=2.6km az=127.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YKA, AKASG, NB2, NBQ, etc.

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

IDC 06 20:41:44.6, 1.1, 162N, 12638E, h0km, mb3.9/3, mb1 4.0/4, mb1mx3.6/16, mbtmp3.8/4, Error ellipse: s-maj=118.4km s-min=22.8km az=68.0

GCMT 06 21:11:52.0, 0.1, 1944S, 17904W, h691km, MW6.5/114, Moment Tensor Solution, s14c279; s94c150; Duration: 4s1 Moment tensor: Scale 10^19Nm

CTA 06 21:11:53.0, 0.1, 1947S, 02-17933W, 002, h679km, h679km, 1.2km, p-P, N1944, c-0673/918, mb5.8/176, 286C-183D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TNE, FITZ, WRA, WB2, ASAR, MKAR, etc.

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

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

ISC/JB 06 21:10:26.0, 2.9, 51S, 0-13460E, h192km, 26km, mb3.9/7, Error ellipse: s-maj=39.5km s-min=13.8km az=16.4

ISC 06 21:10:32.4, 2.6, 51S, 0-1457E, h231km, 24km, n11, c-085/13, mb3.9/7, 1C, Eastern New Guinea region

CTA 06 21:11:53.0, 0.1, 1947S, 02-17933W, 002, h679km, h679km, 1.2km, p-P, N1944, c-0673/918, mb5.8/176, 286C-183D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAKA, WB2, WRA, WRA, ASAR, BATI, FITZ, FITZ, STKA, KRSR, SONM, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO, RAO, RAO, RAO, FUNA, DZM, WZC, WZC, KUZ, MXZ, MXZ, RAR, RAR, RAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMOR, YAH, CNB, CNB, CNB, CTA, CTA, CTA, etc.

NIED 06 21:11:00, 3060N, 13150E, h20km, Mw4.1 Best double couple: M1.49000x1015 NP1.3238.00000, 8.000000, -1.89.00000, NP2.35.00000, 8.10.00000, -1.94.00000

ISC/JB 06 21:11:13.0, 0.9, 3060N, 005.03157E, 0.07, h46km, 6km, mb3.8/13, Error ellipse: s-maj=11.9km s-min=6.0km az=34.8

CTA 06 21:11:53.0, 0.1, 1947S, 02-17933W, 002, h679km, h679km, 1.2km, p-P, N1944, c-0673/918, mb5.8/176, 286C-183D, Fiji Islands region

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

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

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

IDC 06 21:11:14.9, 3.0, 3060N, 13125E, h36km, 24km, mb3.6/9, mb1 3.7/13, mb1mx3.7/24, mbtmp3.6/13, MLJ 3.4/4, MS3.3/1, Ms3.7

ISC 06 21:11:14.0, 0.8, 3061N, 004.13151E, 0.07, h39km, 6km, n32, c-0596/39, mb3.8/13, 6C-1D, Kyushu

CTA 06 21:11:53.0, 0.1, 1947S, 02-17933W, 002, h679km, h679km, 1.2km, p-P, N1944, c-0673/918, mb5.8/176, 286C-183D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JTN, JTN, JTSR, JTSR, JNAR, JKC, JKC, JSU, JZT, JZT, JNN, JNN, JTSN, JZJ, etc.

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

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

Table with columns: STKA, comp, PKIKP, PKIKP, 21 27 24.6 -1.5, etc. Includes rows for STKA, Nuku Hiva Iata, Rikitea, Warramunga Arr, etc.

Table with columns: FITZ, comp, N, 27nm, 0.6s, baze=99, slow=16, SNR=2.0, etc. Includes rows for Dumont d'Urville, Kupang, Ternate, etc.

Table with columns: MJAR, Matsushiro Arr, 68.64 324 P, P, 21 21 51.2 -0.5, etc. Includes rows for Matsushiro, Baguio City Da, etc.







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Table with columns: ID, Name, baz=, SNR, P, PKK, Pbc, 21, 41, 23.1, -1.2, etc. Includes entries like G08A, N12A, Y18A, SFJM, D06A, etc.

2007 MAY

Table with columns: ID, Name, baz=, SNR, P, PKK, Pbc, 21, 41, 21.5, 0.0, etc. Includes entries like DUG, CAIG, E09A, B07A, N14A, etc.

6d 21h

Table with columns: ID, Name, baz=, SNR, P, PKK, Pbc, 21, 41, 21.5, 0.0, etc. Includes entries like F12A, Y22C, L1ENM, D11A, HIA, etc.

6d 21h

E13A	baz=88, SNR=116	↑P	PKKPbc	21 41 14.4	-1.8
AHID	baz=88 Auburn Hatcher 88.08 43 eP	P	P	21 23 34.5	+0.3
AHID	comp=Z,304nm,0.7s,mb5.0	ePP	PP	21 27 12.3	-2.7
A11A	Hali Mountain, 88.08 36 P	P	P	21 23 34.2	+0.2
F14A	baz=88, SNR=320 Wisdom 88.16 40 P	P	P	21 23 34.2	-0.3
D13A	baz=88, SNR=53 Huson 88.17 36 P	P	P	21 23 33.3	-1.3
D13A	baz=88, SNR=209	↓P	PKKPbc	21 41 14.0	-1.8
GD2L	baz=88 Guadalupe Moun 88.18 55 eP	P	P	21 23 35.2	+0.3
GD2L		ePP	PP	21 26 00.8	+3.4
B12A	baz=88, SNR=44 Libby 88.25 37 ↓P	P	P	21 27 15.1	-0.9
MSO	Missoula 88.34 39 eP	P	P	21 23 34.2	-1.2
MSO	comp=Z,57nm,0.8s,mb5.2	ePP	PKKPbc	21 41 13.4	-2.0
CHRT	Chiangrai 88.36 292 ↓P	P	P	21 23 37.0	+1.0
G15A	comp=Z,493nm,0.8s,mb5.1 Dillon 88.37 41 P	P	P	21 23 35.7	+0.1
G15A	baz=88, SNR=430	↓P	PKKPbc	21 41 15.5	+0.3
E14A	Clinton 88.39 39 P	P	P	21 23 35.2	-0.4
E14A	baz=88, SNR=216	↓P	PKKPbc	21 41 14.7	-0.6
DLMT	Dillon 88.41 40 eP	P	P	21 23 35.8	+0.1
DLMT	comp=Z,1μm,1.4s,mb6.3	ePP	PKKPbc	21 25 57.1	-1.2
DLMT		eSP	SP	21 27 07.2	+2.0
DLMT		eS	S	21 33 27.7	+1.5
DLMT		ePKKPdf	PKKPdf	21 41 11.2	-0.4
DLMT		ePKKPbc	PKKPbc	21 41 15.9	+0.7
C13A	Hot Springs 88.41 38 ↓P	P	P	21 23 34.4	-1.2
C13A	baz=89, SNR=72	↓P	PKKPbc	21 41 13.5	-1.7
DCID1	Drake Creek 88.42 42 eP	P	P	21 23 36.3	+0.5
DCID1		ePP	PP	21 27 17.0	-0.7
A12A	Yaak River Ran 88.46 36 ↓P	P	P	21 23 35.6	-0.2
TPAW	Teton Pass 88.52 43 eP	P	P	21 23 36.5	+0.3
TPAW	comp=Z,629nm,1.1s,mb6.3	ePP	PKKPbc	21 25 59.6	+0.7
TPAW		ePP	PKKPbc	21 27 16.4	-2.0
TPAW		ePKKPbc	PKKPbc	21 41 15.1	+0.3
REDW	Red Top Meadow 88.52 43 eP	P	P	21 23 36.3	0.0
REDW	comp=Z,1μm,1.2s,mb6.6	e		21 24 12.6	
REDW		ePP	PKKPbc	21 26 02.3	+3.4
REDW		ePP	PKKPbc	21 27 15.8	-2.7
CM31	Chiang Mai Arr 88.59 290 eP	P	P	21 23 38.6	+1.4
CM31	comp=Z,14nm,0.6s,mb4.9	e		21 24 13.8	
CM31		ePP	PKKPbc	21 26 01.5	+1.7
CM31		ePP	PKKPbc	21 27 18.2	-1.2
SNOW	Snow King Moun 88.63 43 eP	P	P	21 23 37.2	+0.4
SNOW	comp=Z,668nm,0.9s,mb6.4	e		21 24 13.4	
SNOW		ePP	PKKPbc	21 25 59.1	-0.3
SNOW		ePP	PKKPbc	21 27 16.1	-2.6
SNOW		ePP	PKKPbc	21 27 37.2	+0.2
U15A	Baotou 88.67 314 eP	P	P	21 23 36.8	-0.2
F15A	Butte 88.71 40 P	↓P	PKKPbc	21 41 14.2	-0.2
F15A	baz=89, SNR=220	↓P	PKKPbc	21 41 14.2	-0.2
CHG	Chiang Mai 88.72 290 ↑P	P	P	21 23 38.9	+1.2
CHG	comp=Z,57nm,0.7s,mb5.4	e		21 23 39.0	+1.3
CHTO	Chiang Mai 88.72 290 eP	P	P	21 26 01.2	+0.8
CHTO		e		21 27 23.0	
CHTO	Chiang Mai 88.72 290 eP	P	P	21 23 39.0	+1.3
CHTO	comp=Z,31nm,0.6s,mb5.2	e		21 24 13.8	
CHTO		ePP	PKKPbc	21 26 00.3	-0.1
CHTO		ePP	PKKPbc	21 27 20.7	+0.3
CHTO		ePKKPbc	PKKPbc	21 41 13.2	-0.2
CHTO	Chiang Mai 88.72 290 P	P	P	21 23 39.2	+1.5
CHTO	SNR=13	P	P	21 23 39.2	+1.5
CHTO	Chiang Mai 88.72 290 P	P	P	21 23 39.2	+1.5
CHTO	SNR=13	P	P	21 23 39.2	+1.5
CHTO	Chiang Mai 88.72 290 P	P	P	21 23 39.2	+1.5
CHTO	SNR=13	P	P	21 23 39.2	+1.5
CHTO	Chiang Mai 88.72 290 P	P	P	21 23 39.2	+1.5
CHTO	SNR=13	P	P	21 23 39.2	+1.5
CHTO	Chiang Mai 88.72 290 P	P	P	21 23 39.2	+1.5
CHTO	SNR=13	P	P	21 23 39.2	+1.5
IMW	Indian Meadow 88.72 42 eP	P	P	21 23 36.6	-0.6
IMW	comp=Z,607nm,0.9s,mb6.3	e		21 24 12.5	
IMW		e		21 25 58.0	-1.9
IMW		eSP	SP	21 27 08.8	+2.3
LRM	Limekiln Ridge 88.72 40 eP	P	P	21 23 36.8	-0.4
D14A	Greenough 88.72 39 ↓P	P	P	21 23 35.6	-1.5
D14A	baz=89, SNR=140	↑P	PKKPbc	21 41 13.0	-1.5
MOOW	Moose Ponds 88.77 42 eP	P	P	21 23 37.5	0.0
MOOW	comp=Z,944nm,1.7s,mb6.2	ePP	PKKPbc	21 27 18.2	-2.2
CHMT	Chamberlain Mo 88.79 39 eP	P	P	21 23 36.6	-0.8
CHMT		ePP	PKKPbc	21 24 11.7	
CHMT		ePP	PKKPbc	21 25 59.7	-0.4
CHMT		ePP	PKKPbc	21 27 08.0	+1.3
CHMT		ePKKPbc	PKKPbc	21 41 12.8	-1.5
LOHW	Long Hollow 88.80 43 eP	P	P	21 23 37.1	-0.4
LOHW	comp=Z,217nm,0.7s,mb6.0	ePP	PKKPbc	21 26 01.9	+1.6
LOHW		ePP	PKKPbc	21 27 17.1	-3.5
LOHW		ePKKPbc	PKKPbc	21 41 13.2	-0.4
DAWY	Dawson 88.82 16 eP	P	P	21 23 36.4	-0.8
DAWY		e		21 24 11.8	
DAWY		ePP	PKKPbc	21 25 58.5	-1.4
DAWY		ePKKPdf	PKKPdf	21 41 11.1	+1.4
B13A	Whitefish 88.83 37 ↓P	P	P	21 23 36.6	-1.0
B13A	baz=89, SNR=118	↓P	PKKPbc	21 41 13.5	-0.7
QLMT	Earthquake Lak 88.86 41 eP	P	P	21 23 38.5	+0.7
QLMT		ePP	PKKPbc	21 25 58.2	-2.1
VHO	Vista Hermosa 88.88 72 ↓P	P	P	21 23 39.4	+0.9
OXX	Oaxaca 88.89 72 ↓P	P	P	21 23 40.0	+1.5
E15A	Deer Lodge 88.91 39 P	P	P	21 23 37.5	-0.5
E15A	baz=89, SNR=106	↓P	PKKPbc	21 41 13.4	-0.6
C14A	Swan Lake 88.94 38 ↓P	P	P	21 23 36.7	-1.4
C14A	baz=89	↑P	PKKPbc	21 41 12.6	-1.4
EGAK	Eagle 88.94 15 eP	P	P	21 23 36.6	-1.1
EGAK	comp=Z,356nm,0.9s,mb6.1	e		21 24 11.8	
FLWY	Flagg Ranch 88.96 42 eP	P	P	21 23 38.8	+0.5
FLWY	comp=Z,709nm,1.1s,mb6.3	e		21 24 11.8	
HUIG	Huatulco 88.98 73 ↓P	P	P	21 23 39.5	+0.5
YFT	Old Faithful 89.05 42 eP	P	P	21 23 40.3	+1.6
YFT		ePP	PKKPbc	21 27 22.6	+0.1
SNAa	Sanae 89.07 179 eP	P	P	21 23 37.8	+0.6
SNAa		e		21 23 39.0	
SNAa		e		21 23 41.9	
SNAa		e		21 23 47.0	
SNAa		e		21 24 14.4	
SNAa		e		21 25 00.1	
SNAa		e		21 26 01.1	+0.1
SNAa		e		21 26 08.1	
SNAa		e		21 28 31.0	
SNAa		e		21 28 47.3	
SNAa	Sanae 89.07 179 eP	P	P	21 49 15.7	
SNAa		e		21 49 20.5	
SNAa	Sanae 89.07 179 P	P	P	21 49 27.8	-0.8
SNAa		ePP	PKKPbc	21 26 00.1	-0.9

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SNAa	S	SKSac	21 33 03.7	-0.9	
SNAa	S	pmax			
SNAa	comp=Z,41nm,0.6s	pmax	pmax		
SNAa	comp=Z,8.0nm,1.0s	pmax	pmax		
SNAa	comp=Z,4.0nm,0.8s	pmax	pmax		
SNAa	comp=N,2.0nm,0.9s	smax			
SNAa	comp=Z,3.0nm,0.6s	pmax	pmax		
SNAa	comp=Z,3.0nm,1.1s	pmax	pmax		
SNAa	Sanae 89.07 179 P	P	P	21 23 37.6	-0.7
SNAa		ePP	PKKPbc	21 26 00.1	-0.9
SNAa	Sanae 89.07 179 P	P	P	21 23 37.6	-0.7
SNAa	comp=Z,41nm,0.6s,mb5.3,SNR=788	p	p	21 26 00.1	-0.9
SNAa	comp=Z,7.8nm,1.0s,SNR=223,slow=5.3,SNR=8.9	PKKP	PKKP	21 28 31.0	-0.8
SNAa	comp=Z,3.9nm,0.8s,SNR=195,slow=3.2,SNR=8.9	SKSac		21 33 03.7	-0.9
SNAa	comp=Z,2.2nm,0.9s,SNR=178,slow=2.2,SNR=8.5	PKKPbc	PKKPbc	21 41 10.5	-4.0
SNAa	comp=Z,3.3nm,0.6s,SNR=298,slow=0.2,SNR=27	PKPPK		21 49 14.7	
SNAa	comp=Z,2.7nm,1.1s,SNR=23,slow=1.7,SNR=6.4	PKPPK			
YMR	Madison River 89.08 42 eP	P	P	21 23 39.5	+0.7
YMR	comp=Z,943nm,1.3s,mb6.4	e		21 24 10.8	
YMR		ePP	PKKPbc	21 26 01.5	-0.1
YMR		ePP	PKKPbc	21 27 17.9	-4.8
YMR		ePP	PKKPbc	21 23 38.4	-0.5
BW06	Boulder Array 89.08 44 eP	P	P	21 23 39.5	+0.7
BW06	comp=Z,324nm,0.8s,mb6.1	ePP	PKKPbc	21 27 19.1	-3.7
NRGR	Nerungri 89.11 333 eP	P	P	21 23 38.5	-0.1
NRGR		e		21 33 06.1	+1.2
NRGR		e		21 33 06.1	+1.2
BOZ	Bozeman (W) 89.14 40 eP	P	P	21 23 39.0	-0.1
BOZ	comp=Z,320nm,1.1s,mb6.0	ePP	PKKPbc	21 23 39.0	-0.1
BOZ	Bozeman (W) 89.14 40 eP	P	P	21 23 39.0	-0.1
BOZ	comp=Z,318nm,1.1s,mb6.0	ePP	PKKPbc	21 25 59.6	-2.3
BOZ		eSP	SP	21 27 13.2	+4.8
BOZ		e		21 41 13.2	-0.2
BOZ	Bozeman (W) 89.14 40 ↓P	P	P	21 23 39.0	-0.1
BOZ	baz=89	↓P	PKKPbc	21 41 13.1	-0.3
CLNS	Chul'man 89.15 333 eP	P	P	21 23 38.6	-0.2
CLNS	comp=N,23nm,1.2s	eS	S	21 33 03.5	-0.1
CLNS	comp=N,23nm,1.2s	pmax	pmax		
CLNS	comp=Z,48nm,1.2s,mb5.1	pmax	pmax		
CLNS	comp=E,12nm,0.9s	pmax	pmax		
CLNS	comp=Z,33nm,1.2s,mb4.9	pmax	pmax		
CLNS	comp=N,35nm,1.3s	pmax	pmax		
CLNS	comp=E,18nm,1.0s	pmax	pmax		
CLNS	comp=N,114nm,1.4s	smax			
CLNS	comp=Z,7.0nm,1.0s	smax			
CLNS	comp=E,54nm,1.1s	smax			
A13A	Flathead Natio 89.16 37 ↑P	P	P	21 23 38.6	-0.4
A13A	baz=89	↑P	PKKPbc	21 41 12.8	-0.6
CD2	Chengdu 89.18 303 P	P	P	21 23 40.8	+1.2
CD2		AP	PP	21 26 00.8	-1.7
CD2		XP	SP	21 27 07.5	-1.6
CD2		PP	PP	21 27 29.6	+5.7
CD2		SKS	S	21 33 05.0	
CD2		S	S	21 33 36.1	+2.2
CD2		SS	SS	21 37 43.8	-4.7
CD2		SS	SS	21 39 50.4	+2.9
CD2		AMB	AMB	21 39 54.7	+0.2
SMCO	Snowmass 89.20 48 eP	P	P	21 23 39.7	+0.2
SMCO	comp=Z,585nm,1.2s,mb6.2	ePP	PKKPbc	21 26 02.5	+0.1
SMCO		ePP	PKKPbc	21 27 19.9	-4.0
SMCO		ePKKPdf	PKKPdf	21 41 12.8	-0.1
SMCO		ePKKPbc	PKKPbc	21 41 12.8	-0.1
VNA3	Neumayer Oly				



6d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PKME, MTP, KBL, KBL, KBL, KBL, KBL, etc.

2007 MAY

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

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

Table with columns for location (e.g., Oslo, Borcka, Bergen), time (e.g., 138.94 352), and status (e.g., eP, PKPdf, AMB).

Table with columns for location (e.g., EKA, GCL, Yozgat, Eskdalemur), time (e.g., 144.08 7), and status (e.g., eP, PKPdf, AMB).

Table with columns for location (e.g., Bryn Du, Ostrava-Krasne, Ostrava-Krasne), time (e.g., 146.49 4), and status (e.g., eP, PKPdf, PKPb).







6d 22h

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

IDC 06 21:24:48.7.3.4, 1908S.17948W, h695km, 40km, mb3.2/5, mb1 3.5/6, mb1mx3.2/17, mbmtmp3.2/5, Error ellipse: s-maj=158.4km s-min=16.5km az=158.0, Fiji Islands region

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

IDC 06 21:35:25.6.7.5, 2016S.17814W, h529km, 75km, mb3.3/6, mb1 3.5/7, mb1mx3.2/17, mbmtmp3.3/7, 1D, Error ellipse: s-maj=47.8km s-min=23.1km az=53.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, CTM Charters Tower, ASAR Alice Springs, etc.

ISCJB 06 21:46:01.0.0.7, 3745N.004.742E.01, h211km, 9km, mb3.5/6, Error ellipse: s-maj=14.8km s-min=4.4km az=160.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AML Almayashu, UCH Uchtohar, KZA Kyzart, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EKS2 Erkin-Say, AAK Ala-Archa, AAK Ala-Archa, etc.

ISCJB 06 21:50:53.0.2.8, 3477N.006.738E.01, h10km, mb3.4/3, Error ellipse: s-maj=16.6km s-min=5.1km az=155.0

IDC 06 21:51:01.2.1.0, 3491N.7387E, h51km, 94km, mb3.3/4, mb1 3.6/6, mb1mx3.2/22, mbmtmp3.4/6, ML3.7/2, Error ellipse: s-maj=77.2km s-min=37.3km az=58.0

ISC 06 21:50:56.9.2.3, 3482N.006.739E.02, h20km, 12km, m21, o=73/25, mb3.4/3, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THN Thein Dam, DAL Dalhousie, SUN Sundarnagar, etc.

IDC 06 21:54:43.1.2.9, 1403S.16732E, h0km, mb3.9/4, mb1 4.1/4, mb1mx3.7/15, mbmtmp3.9/4, Error ellipse: s-maj=101.3km s-min=46.8km az=141.0, Vanuatu Islands

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

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mb1 4.7/30, mb1mx4.7/30, mbtmp4.6/30, Error ellipse: s-maj=7.0km s-min=6.6km az=172.0

BUI 06 22:01:07.9.1906S.17876W, h699km, mb5.4, mb5.1, NEIC 06 22:01:08.9.0.1, 1941S.17932W, mb5.5/6, MW6.1, Error ellipse: s-maj=4.5km s-min=3.0km az=126.0, Moment Tensor Solution. s11 Moment tensor: Scale 10^18Nm; Mr1.36; M0.06; M0.142; M0.29; M0.02; M0.047; Best double couple: M0.150000x10^18 NP1.0x22.00000x, s38.00000x, 1.12.00000x. NP2.0x175.00000x, 855.00000x, 1.74.00000x. Principal axes: T 1.5100, Plg74.0000, Azm38.0000; N 0.0100, Plg13.0000; Azm184.0000; P 1.5100, Plg0.0000; Azm276.0000; Azm276.0000; ISCJB 06 22:01:08.0.0.1, 1945S.003.17934W.003, h690km, mb5.3/11 Error ellipse: s-maj=4.0km s-min=2.5km az=135.9

SZGRF 06 22:01:08.8.1995S.17904W, h698km, Fiji Islands region

GCMT 06 22:01:08.9.0.2, 1931S.17905W, h692km, 1km, MW6.0/94, Moment Tensor Solution. s94.c191; s54.c56; Duration: 2s6 Moment tensor: Scale 10^18Nm; Mr1.34x.03; M0.0.36x.03; M0.0.98x.04; M0.0.43x.04; M0.0.68x.03; M0.0.34x.04; Best double couple: M0.148200x10^18 NP1.0x52.00000x, 647.00000x, 1.16.00000x. NP2.0x193.00000x, 850.00000x, 1.63.00000x. Principal axes: T CAW 1.5450, Plg70.0000; Azm16.0000; N -0.1240, Plg20.0000; Azm212.0000; P -1.4200, Plg1.0000; Azm302.0000; nst1 refers to mantle waves, cutoff=40s. nst2 refers to mantle waves, cutoff=125s.

ISC 06 22:01:09.6.0.1, 1948S.003.17930W.003, h692km, h692km, 1.9km, p-P, n1307, o=74/706, mb5.3/11, 217C-107D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, FUNA Funafuti, RAR Rarotonga, etc.

FOZ Fox Glacier, FOZ Fox Glacier, LBZ Lake Benmore, JCZ Jackson Bay, etc.

ISC 06 22:01:09.6.0.1, 1948S.003.17930W.003, h692km, h692km, 1.9km, p-P, n1307, o=74/706, mb5.3/11, 217C-107D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PAE Paea, PPT Papeete, WHZ Wether Hill, etc.











Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like Muntele Rosu, Upice, Paralmimi, Dobruska-Polom, Collm, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like SWN1 Swindon, AKMC Akamas, SZH Strazhica, WOL Wolvertoren, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like PSET Seti Cidades, CDF Champ du Feu, KKB Krunik, SPA Spachingen-Ko, etc.

Table with columns for call sign, name, frequency, mode, and other technical details. Includes stations like OBKA Obir, OBKA comp=Z,2.9nm,0.7s, FLN La Foliniere, BDRM Kaye, etc.



D03A	Wishkah Elem. baz=83, SNR=13	82.98	35	↑P	P	22 31 36.7	0.0
N04A	Rock Creek Ran baz=83	82.99	42	↑P	P	22 31 37.5	+0.5
F09A	Amboy baz=83, SNR=6.5	82.92	36	↑P	P	22 31 36.5	-0.3
P10A	Eureka baz=83	83.01	44	↑P	P	22 31 36.9	-0.1
S12A	Delamar Landin baz=83, SNR=8.3	83.04	46	↑P	P	22 31 38.3	+1.1
U13A	Pakoon Wash baz=83, SNR=12	83.04	48	↑P	P	22 31 37.6	+0.3
W14A	Seligm baz=83, SNR=11	83.06	49	↑P	P	22 31 37.7	+0.3
217A	Green Valley baz=83, SNR=9.6	83.08	53	↑P	P	22 31 38.1	+0.5
I06A	Prineville baz=83, SNR=9.4	83.08	39	↑P	P	22 31 37.7	+0.5
Q11A	Duckwater baz=83, SNR=7.9	83.13	45	↑P	P	22 31 37.8	+0.1
PSI	Prapat comp=Z, 6.1nm, 1.0s, mb4, 1, baz=83, slow=5.8, SNR=3.8	83.14	275	P	P	22 31 38.1	-0.3
WVOR	Wild Horse Val 83.17 41 eP	83.17	41	eP	P	22 31 37.8	0.0
WVOR	Wild Horse Val 83.17 41 eP	83.17	41	eP	P	22 31 37.8	0.0
GAMB	Gambell comp=Z, 1.5nm, 0.9s, mb4.5	83.20	3	eP	P	22 31 37.9	+0.5
L08A	Fields baz=83, SNR=11	83.21	41	↑P	P	22 31 38.3	+0.4
V14A	Boquillas Ranc baz=83, SNR=8.2	83.25	49	↑P	P	22 31 38.9	+0.5
X15A	Humboldt baz=83, SNR=10.0	83.32	50	↑P	P	22 31 38.7	0.0
Z16A	Peralt Trail, baz=83	83.36	51	↑P	P	22 31 39.1	+0.2
K08A	Mann Creek Ran baz=83, SNR=9.6	83.43	40	↑P	P	22 31 39.4	+0.3
H06A	Lindcot Farm baz=83, SNR=9.0	83.47	38	↑P	P	22 31 39.2	0.0
D04A	Dobbs Creek Ra baz=83	83.50	35	↑P	P	22 31 38.8	-0.5
F05A	White Salmon baz=83	83.50	37	↑P	P	22 31 38.6	-0.8
117A	Oracle baz=83, SNR=6.4	83.51	52	↑P	P	22 31 40.3	+0.6
318A	Bisbee baz=84, SNR=12	83.55	54	↑P	P	22 31 40.8	+0.8
N10A	Dunphy baz=84	83.57	43	↑P	P	22 31 39.9	+0.2
I07A	Ize baz=84, SNR=10	83.58	39	↑P	P	22 31 38.8	-0.9
Y16A	Circle Bar Ran baz=84, SNR=10.0	83.58	51	↑P	P	22 31 40.5	+0.5
U14A	Mt Trumbull baz=84, SNR=9.3	83.59	48	↑P	P	22 31 40.3	+0.3
E05A	Randle baz=84, SNR=6.8	83.73	36	↑P	P	22 31 39.5	-0.9
218A	Draogon baz=84, SNR=6.8	83.75	53	↑P	P	22 31 41.9	+1.0
Q04A	Brinnon baz=84, SNR=6.7	83.78	34	↑P	P	22 31 40.5	-0.1
C12A	Willow Creek R baz=84	83.78	45	↑P	P	22 31 41.1	+0.2
O11A	Cowboy Ranch, baz=84	83.81	44	↑P	P	22 31 41.0	+0.1
H07A	Lands Inn, Kim baz=84	83.83	38	↑P	P	22 31 40.9	0.0
X16A	Lo Mia Camp. P baz=84, SNR=11	83.86	50	↑P	P	22 31 41.6	+0.3
K09A	Rome baz=84, SNR=9.3	83.88	41	↑P	P	22 31 41.3	+0.1
Y17A	Roosevelt baz=84	83.95	51	↑P	P	22 31 41.8	0.0
M10A	LL Ranch, Tu baz=84, SNR=10	83.98	42	↑P	P	22 31 42.2	+0.5
D05A	Enumclaw baz=84	83.99	35	↑P	P	22 31 41.7	0.0
V15A	Kaibab Nationa baz=84, SNR=7.2	84.01	49	↑P	P	22 31 42.5	+0.4
I08A	Drewsey baz=84	84.04	39	↑P	P	22 31 41.5	-0.5
319A	Douglas baz=84, SNR=10	84.06	54	↑P	P	22 31 43.0	+0.6
118A	Homack Ranch, baz=84, SNR=7.1	84.11	53	↑P	P	22 31 43.3	+0.6
W16A	Flagstaff baz=84	84.12	50	↑P	P	22 31 43.0	+0.4
E06A	Yakima baz=84	84.16	36	↑P	P	22 31 42.4	-0.1
G07A	Ruggs Ranch, H baz=84, SNR=6.2	84.16	38	↑P	P	22 31 42.4	-0.1
TTA	Tatalina comp=Z, 9.0nm, 0.7s, mb4.4	84.17	10	eP	P	22 31 42.1	-0.1
TTA	Tatalina comp=Z, 2.0nm, 1.3s, mb4.5	84.17	10	eP	P	22 31 42.1	-0.1
J09A	Fry Pan Ranch, baz=84, SNR=12	84.22	40	↑P	P	22 31 42.9	0.0
BJT	Baijiatuu 84.28 316 P	84.28	316	P	P	22 31 42.5	-0.8
BJJ	Beijing 84.28 316 P	84.28	316	P	P	22 31 42.1	+0.8
Q13A	Wheeler Ranch, baz=84, SNR=5.4	84.28	45	↑P	P	22 31 43.0	-0.3
X17A	Forest Lakes baz=84, SNR=5.4	84.28	51	↑P	P	22 31 44.1	+0.7
L10A	Juniper Basin baz=84, SNR=6.9	84.32	42	↑P	P	22 31 43.6	+0.2
PMR	Palmer 84.33 14 eP	84.33	14	eP	P	22 31 42.0	-1.0
PMR	Palmer comp=Z, 1.1nm, 0.8s, mb4.3	84.33	14	eP	P	22 31 42.0	-1.0
PMR	Palmer comp=Z, 1.1nm, 0.8s, mb4.5	84.33	14	eP	P	22 31 42.0	-1.0
219A	White Tail Can baz=84, SNR=7.1	84.36	53	↑P	P	22 31 44.4	+0.5
M11A	Holland Ranch, baz=84, SNR=6.1	84.40	43	↑P	P	22 31 44.1	+0.3
WUAZ	Wupatki baz=84	84.43	49	↑P	P	22 31 44.2	+0.1
T15A	Red Dirt Ranch baz=84, SNR=6.3	84.44	48	↑P	P	22 31 44.4	+0.3
K10A	MacKenzie Ranch baz=84, SNR=6.3	84.45	41	↑P	P	22 31 44.0	0.0
C05A	Toll Reservoir baz=84, SNR=7.3	84.45	35	↑P	P	22 31 43.8	-0.1
O12A	Currie baz=84	84.47	44	↑P	P	22 31 44.3	+0.1
A04A	Legoe Bay, Lum baz=84, SNR=5.4	84.53	34	↑P	P	22 31 44.2	-0.1
P13A	Bates Ranch, G baz=84, SNR=7.4	84.54	45	↑P	P	22 31 44.6	0.0
B05A	Bryant baz=84, SNR=6.6	84.58	34	↑P	P	22 31 44.4	-0.1
G08A	Pilot Rock baz=84, SNR=8.0	84.58	38	↑P	P	22 31 44.6	0.0
N12A	Clover Valley baz=84, SNR=6.4	84.58	43	↑P	P	22 31 44.3	-0.4
Y18A	Canyon Day Jun baz=84, SNR=7.4	84.59	52	↑P	P	22 31 45.6	+0.7
D06A	Cle Elum baz=84	84.62	36	↑P	P	22 31 44.2	-0.5
119A	Ashpeack Ranch, baz=85	84.67	53	↑P	P	22 31 45.7	+0.4
DIV	Divide comp=Z, 1.5nm, 0.7s, mb4.7	84.74	16	eP	P	22 31 44.4	-0.5
L11A	Cat Creek Ran baz=85, SNR=7.8	84.82	42	↑P	P	22 31 46.1	+0.3
J10A	Berg Farm, Mel baz=85	84.86	40	↑P	P	22 31 46.1	+0.1
HAWA	Hanford comp=Z, 1.5nm, 0.9s, mb4.3	84.88	37	eP	P	22 31 45.9	-0.1
M12A	Wells baz=85, SNR=6.0	84.96	43	↑P	P	22 31 46.4	-0.1
H09A	Durkee baz=85	85.00	39	↑P	P	22 31 46.3	-0.3
A05A	Maple Falls baz=85	85.03	34	↑P	P	22 31 45.9	-0.7
D07A	Quincy baz=85	85.10	36	↑P	P	22 31 46.5	-0.6
SEY	Seymchan baz=85	85.10	347	↑P	P	22 31 46.2	-0.9
N13A	Wendover, West baz=85, SNR=5.4	85.13	44	↑P	P	22 31 47.2	-0.1
E08A	Dider Farm, El baz=85	85.21	37	↑P	P	22 31 47.4	-0.1
Y19A	Nutroso baz=85	85.25	52	↑P	P	22 31 48.7	+0.6

L12A	House Creek Ra baz=85, SNR=5.2	85.27	42	↑P	P	22 31 48.3	+0.3
MSU	Marysville 85.31 47 eP	85.31	47	eP	P	22 31 48.8	+0.5
C07A	Wanchville baz=85, SNR=7.6	85.34	36	↑P	P	22 31 47.7	-0.4
M13A	Montello baz=85, SNR=6.0	85.41	43	↑P	P	22 31 48.7	0.0
H10A	Noah's Angus R baz=85, SNR=6.5	85.50	40	↑P	P	22 31 48.6	-0.4
K12A	Drafer Farm, C baz=86	85.60	42	↑P	P	22 31 49.8	+0.3
D08A	Wollman Farm, baz=86, SNR=8.5	85.61	37	↑P	P	22 31 49.4	0.0
I11A	Placerville baz=86, SNR=5.7	85.62	40	↑P	P	22 31 49.9	+0.4
G10A	Bishop Farm, J baz=86, SNR=8.0	85.66	39	↑P	P	22 31 49.8	+0.1
B07A	Winthrop baz=86, SNR=8.0	85.76	35	↑P	P	22 31 50.1	0.0
N14A	Grayback Hills baz=86	85.79	44	↑P	P	22 31 50.3	-0.2
J12A	Stokes Ranch, baz=86, SNR=10	85.80	41	↑P	P	22 31 50.8	+0.4
A07A	Ashnola River, baz=86, SNR=6.5	85.96	34	↑P	P	22 31 50.9	-0.2
D09A	Jones Farm, Hi baz=86, SNR=9.7	85.96	37	↑P	P	22 31 51.1	0.0
F10A	Beach Ranch, E baz=86, SNR=17	85.97	38	↑P	P	22 31 50.8	-0.4
H11A	Donnelly baz=86, SNR=11	86.01	40	↑P	P	22 31 51.7	+0.3
M14A	Sheep Mountain baz=86, SNR=11	86.02	43	↑P	P	22 31 51.3	-0.2
B08A	Colville Reser baz=86, SNR=13	86.12	35	↑P	P	22 31 50.9	-0.9
K13A	Stover Farm, H baz=86, SNR=6.8	86.12	42	↑P	P	22 31 52.0	0.0
G11A	Walters Elk Ra baz=86, SNR=7.6	86.23	39	↑P	P	22 31 52.4	0.0
MCK	McKinley 86.26 13 eP	86.26	13	eP	P	22 31 50.9	-1.2
MCK	McKinley comp=Z, 1.0nm, 0.8s, mb4.5	86.26	13	eP	P	22 31 50.9	-1.2
HLUD	Halt baz=86, SNR=25	86.39	41	↑P	P	22 31 53.8	+0.6
C09A	Chrisman Ranch baz=86	86.39	36	↑P	P	22 31 52.8	-0.3
J13A	Coy Ranch, Pi baz=86, SNR=25	86.45	42	↑P	P	22 31 54.2	+0.7
A08A	Turner Farm, O baz=86, SNR=10	86.50	35	↑P	P	22 31 53.5	0.0
F11A	Grangeville baz=86, SNR=7.5	86.56	39	↑P	P	22 31 52.5	-1.5
H12A	Diamond D Ranc baz=86, SNR=20	86.63	40	↑P	P	22 31 54.4	+0.1
K14A	Jones Ranch, D baz=86, SNR=9.1	86.65	43	↑P	P	22 31 54.7	+0.2
I13A	Wildhorse Cree baz=87, SNR=10	86.75	41	↑P	P	22 31 55.5	+0.6
B09A	Rice baz=87, SNR=9.0	86.81	36	↑P	P	22 31 54.4	-0.6
A09A	Danville baz=87, SNR=8.6	86.88	35	↑P	P	22 31 55.1	-0.3
H13A	Challis baz=87, SNR=9.7	87.00	40	↑P	P	22 31 56.3	+0.2
F12A	Elk City, SNR=25	87.02	39	↑P	P	22 31 55.8	-0.3
D11A	Klaveano Farm, baz=87, SNR=8.6	87.08	38	↑P	P	22 31 55.6	-0.7
HIA	Haliar 87.14 325 /P	87.14	325	/P	P	22 31 56.2	-0.4
HWUT	Hardware Ranch comp=Z, 2.5nm, 0.6s, mb4.0	87.23	44	eP	P	22 31 57.2	0.0
G13A	Cobalt baz=87, SNR=7.6	87.29	36	eP	P	22 31 57.4	0.0
NEW	Danville 87.29 36 eP	87.29	36	eP	P	22 31 56.7	-0.6
IMAZ	Indian Mountain 87.46 10 eP	87.46	10	eP	P	22 31 57.2	-0.5
COLA	College 87.49 13 eP	87.49	13	eP	P	22 31 56.4	-1.4
COLA	College 87.49 13 eP	87.49	13	eP	P	22 31 56.3	-1.5
TXAR	Lajitas Array 87.58 58 eP	87.58	58	eP	P	22 31 59.6	+0.5
F13A	Darby baz=88	87.59	39	↑P	P	22 31 58.2	-0.6
D12A	Red Ives Fores 87.65 38 eP	87.65	38	eP	P	22 31 58.4	-0.6
ANMO	Albuquerque 87.76 52 eP	87.76	52	eP	P	22 32 00.0	+0.2
ANMO	Albuquerque comp=Z, 8.0nm, 1.2s	87.76	52	eP	P	22 32 00.0	+0.2
BILL	Bilibo 87.90 355 /P	87.90	355	/P	P	22 31 59.3	-0.4
BILL	Bilibo comp=Z, 7.6nm, 1.2s, mb4.7	87.90	355	/P	P	22 41 25.3	+0.8
BILL	Bilibo comp=Z, 9.0nm, 0.8s, mb4.5	87.90	355	eP	P	22 31 59.6	-0.1
BILL	Bilibo comp=Z, 7.8nm, 0.8s, mb4.9	87.90	355	eP	P	22 31 59.6	-0.1
E13A	Victor baz=88	88.01	39	↑P	P	22 31 59.9	-0.8
A11A	Hall Mountain, baz=88, SNR=5.7	88.09	36	↑P	P	22 32 01.4	+0.4
D13A	Huson baz=88	88.19	38	↑P	P	22 32 01.6	-0.9
G15A	Dillon baz=88, SNR=11	88.39	41	↑P	P	22 32 02.6	+0.1
E14A	Clinton baz=88, SNR=5.3	88.41	39	↑P	P	22 32 02.3	-0.3
DLMT	Dillon comp=Z, 1.38nm, 0.5s	88.42	40	eP	P	22 32 03.0	+0.4
C13A	Hot Springs baz=88	88.43	38	↑P	P	22 32 01.7	-1.0
TPAW	Teton Pass comp=Z, 0.9nm, 1.4s, mb4.6	88.53	43	eP	P	22 32 03.4	+0.2
SNOW	Snow King Moun 88.65 43 eP	88.65	43	eP	P	22 32 04.2	+0.4
F15A	Butte baz=89, SNR=5.7	88.72	40	↑P	P	22 32 03.0	-1.0
IMW	Indian Meadow comp=Z, 4.4nm, 1.3s, mb4.7	88.74	42	eP	P	22 32 03.7	-0.5
D14A	Greenough baz=89	88.74	39	↑P	P	22 32 03.0	-1.1
LOHW	Long Hollow baz=89</						













YBH	Yreka Blue Hor	80.11	39	eP	P	00 35 50.9 +0.4
YBH	Yreka Blue Hor	80.11	39	eP	P	00 35 51.1 +0.7
O05C	Quincy	80.17	42	↑P	P	00 35 51.0 +0.1
M03C	McCloud	80.19	40	↑P	P	00 35 51.2 +0.3
MLAC	Mammoth Lakes	80.20	45	↑P	P	00 35 51.7 +0.7
BELC	Belle Mtn.	80.23	49	↑P	P	00 35 51.4 +0.2
MPMC	Manual Spec	80.26	46	P	P	00 35 51.5 +0.1
K02A	Glendale	80.27	38	↑P	P	00 35 51.5 +0.2
O04C	Chester	80.27	41	↑P	P	00 35 51.6 +0.3
WAKR	Walker	80.29	44	eP	P	00 35 52.0 +0.5
R06C	Coleville	80.30	44	P	P	00 35 52.1 +0.6
TIN	Tinemaha	80.30	45	↑P	P	00 35 51.6 +0.1
R07C	Lee Vining	80.32	44	↑P	P	00 35 52.1 +0.5
HATC	Hat Creek Radi	80.33	41	↑P	P	00 35 51.9 +0.3
GSC	Goldstone	80.33	47	P	P	00 35 51.6 -0.2
GSC	Goldstone	80.33	47	P	P	00 35 51.7 -0.1
HEC	Hector	80.42	48	P	P	00 35 52.1 -0.1
BEKR	Beckworth	80.47	42	P	P	00 35 52.5 +0.1
HUMO	Hull Mountain	80.49	39	eP	P	00 35 52.8 +0.4
HUMO	Hull Mountain	80.49	39	↑P	P	00 35 52.8 +0.4
CN2	Changchun	80.52	323	↑P	P	00 35 52.8 +0.3
CN2				eS	P	00 39 15.5 +3.0
CN2				eS	P	00 45 07.7 +0.4
CN2	comp-Z,40nm,1.0s,mb4.8			AMB	AMB	
WCN	Washoe City	80.53	43	↑P	P	00 35 53.1 +0.4
S08C	White Mtn Res	80.58	45	P	P	00 35 53.6 +0.6
GLA	Glamis	80.59	50	↑P	P	00 35 53.8 +0.7
GLA	Glamis	80.59	50	↑P	P	00 35 53.6 +0.5
J02A	Umpqua	80.59	38	P	P	00 35 53.1 +0.3
P06A	Stead Airport	80.66	42	↑P	P	00 35 53.7 +0.3
M04C	Macdoel	80.67	40	P	P	00 35 53.8 +0.5
ELFS	Eagle Lake Fire	80.67	41	↑P	P	00 35 53.7 +0.4
I02A	Mapleton	80.83	37	↑P	P	00 35 54.4 +0.3
M05C	Lookout	80.84	40	↑P	P	00 35 54.4 +0.2
GRAC	Grapevine Rang	80.84	46	↑P	P	00 35 54.6 +0.2
GMRC	Granite Mounta	80.87	48	↑P	P	00 35 54.5 0.0
L04A	Klamath Falls	80.87	39	↑P	P	00 35 54.6 +0.3
FURC	Furnace Creek	80.91	46	↑P	P	00 35 54.6 -0.1
IRM	Iron Mountain	80.91	49	↑P	P	00 35 55.1 +0.3
Q07A	Schurz	80.94	43	↑P	P	00 35 55.1 +0.3
J03A	Ideyl Park	80.95	38	↑P	P	00 35 55.0 +0.3
O06A	Flanigan	80.98	42	P	P	00 35 55.2 +0.3
NVAR	Mina Array Bea	80.99	44	P	P	00 35 55.3 +0.2
PAHR	Pat R Range	81.00	43	eP	P	00 35 55.2 +0.1
SHOC	Shoshone	81.01	47	↑P	P	00 35 55.0 -0.2
TUQ	Turquoise Mtn.	81.02	48	↑P	P	00 35 55.3 0.0
R08A	Mina	81.08	44	↑P	P	00 35 55.5 0.0
I03A	Eugene	81.13	37	↑P	P	00 35 55.7 0.0
H02A	Toledo	81.15	36	↑P	P	00 35 56.1 +0.4
Y12C	Blythe	81.16	50	P	P	00 35 56.3 +0.3
M06C	Likely Place G	81.16	41	↑P	P	00 35 56.3 +0.4
K04A	Chilquien	81.22	39	↑P	P	00 35 56.3 +0.2
P07A	Fallon	81.22	43	↑P	P	00 35 56.5 +0.3
N06A	Buffalo Meadow	81.30	41	↑P	P	00 35 56.7 +0.1
S09A	Goldfield	81.33	45	P	P	00 35 56.5 -0.3
J04A	Umpqua Nationa	81.37	38	↑P	P	00 35 57.3 +0.4
LDFC	Landfair	81.41	48	eP	P	00 35 57.8 +0.6
L05A	Lakeview	81.43	40	↑P	P	00 35 57.9 +0.7
Q08A	Gabbs	81.47	44	↑P	P	00 35 57.5 0.0
COR	Corvax	81.49	37	↑P	P	00 35 57.8 +0.4
I04A	Tendick Farm	81.52	38	P	P	00 35 57.4 -0.2
H03A	Soap Creek Ran	81.55	37	P	P	00 35 58.1 +0.4
V11A	Goodspring	81.57	48	P	P	00 35 58.2 +0.1
O07A	Toulon	81.58	42	↑P	P	00 35 58.1 +0.1
TPNV	Topopah Spring	81.58	46	eP	P	00 35 58.2 +0.1
TPNV	Topopah Spring	81.58	46	eP	P	00 35 58.2 +0.1
TPNV	Topopah Spring	81.58	46	eP	P	00 35 58.3 +0.2
NEE2	Needles Airpor	81.60	49	↑P	P	00 35 58.3 +0.1
MOD	Modoc	81.67	40	eP	P	00 35 58.6 +0.2
MOD	Modoc	81.67	40	eP	P	00 35 58.7 +0.3
W12A	Cal Nev Ari	81.69	48	↑P	P	00 35 58.9 +0.2
Y13A	Salome	81.69	50	↑P	P	00 35 59.2 +0.5
PDMCI	Parker Dam,Lak	81.71	49	P	P	00 35 59.0 +0.1
R09A	Tonopah	81.71	45	↑P	P	00 35 58.8 +0.1
K05A	Summer Lake	81.79	39	P	P	00 35 59.7 +0.7
P08A	Diez Valley	81.83	43	↑P	P	00 35 59.7 +0.4
S10A	Tonopah Range	81.86	45	↑P	P	00 35 59.6 +0.2
N07B	Gerlach	81.86	42	↑P	P	00 35 59.6 +0.1
U11A	Corn Creek	81.90	47	↑P	P	00 35 60.0 +0.3
J05A	Fort Rock	81.91	39	P	P	00 36 00.2 +0.6
V12A	Nelson	81.92	48	P	P	00 35 60.0 +0.1
G03A	Yamhill	81.95	36	↑P	P	00 35 59.8 0.0
Q09A	Carvers	81.95	44	↑P	P	00 36 00.1 +0.2
X13A	Yuca	82.07	49	P	P	00 36 00.9 +0.2
M07A	Soldier Meadow	82.08	41	↑P	P	00 36 00.8 +0.3
SHPR	Sheep Range	82.10	47	eP	P	00 36 00.9 +0.1
O08A	Rochester Mine	82.11	43	↑P	P	00 36 00.9 +0.2

Z14A	Wintersburg	82.11	51	↑P	P	00 36 01.2 +0.3
SSOR	Sweet Springs	82.13	37	P	P	00 36 00.6 -0.1
F03A	Seaside	82.17	36	↑P	P	00 36 00.9 +0.1
H04A	Madras	82.18	37	↑P	P	00 36 00.6 -0.4
K06A	Valley Falls	82.22	40	↑P	P	00 36 01.4 +0.2
MA2	Warm Springs	82.23	345T	eP	P	00 36 00.0 -0.8
R10A	Warm Springs	82.25	45	P	P	00 36 02.0 +0.5
S11A	Rachel	82.28	46	↑P	P	00 36 01.6 0.0
W13A	Hualapai Mount	82.28	49	↑P	P	00 36 02.0 +0.3
SVW2	Sparrevohn	82.30	11	eP	P	00 35 59.4 -1.7
MAW	Mawson	82.32	200	eP	P	00 36 01.1 -0.2
MAW	Mawson	82.32	200	eP	P	00 36 01.1 -0.2
MAW	comp-Z,49nm,1.4s	82.32	200	eP	P	00 36 01.1 -0.2
MAW	comp-Z,49nm,1.4s,mb4.9	82.32	200	eP	P	00 36 01.1 -0.2
MAW	comp-Z,12nm,0.6s,mb4.6	82.32	200	eP	P	00 36 01.1 -0.2
MAW	comp-Z,2.0nm,0.7s,baz=49,slow=2.5,SNR=11	82.32	52	↑P	P	00 36 02.2 +0.3
115A	Sonoran Desert	82.32	52	↑P	P	00 36 02.2 +0.3
L07A	Adell	82.33	41	↑P	P	00 36 02.3 +0.5
G04A	Mulbin	82.33	37	↑P	P	00 36 01.5 -0.1
Y14A	Wickenburg	82.35	50	↑P	P	00 36 02.0 -0.1
P09A	Austin	82.36	44	↑P	P	00 36 01.9 0.0
N08A	GE Springer Mi	82.39	42	↑P	P	00 36 02.1 +0.1
I05A	Bend	82.41	38	↑P	P	00 36 02.2 +0.2
T11A	Corn Creek, Al	82.43	46	P	P	00 36 02.8 +0.4
Q10A	Clear Creek Ra	82.46	45	P	P	00 36 02.5 0.0
U12A	Valley of Fire	82.49	47	↑P	P	00 36 02.9 +0.2
T12A	Moapa	82.52	47	↑P	P	00 36 02.8 0.0
J06A	Christmas Vall	82.53	39	↑P	P	00 36 02.6 -0.2
E03A	Lebam	82.55	35	↑P	P	00 36 02.9 +0.2
V16A	Three Points	82.57	53	↑P	P	00 36 03.7 +0.5
V13A	Grand Canyon W	82.59	48	↑P	P	00 36 03.2 0.0
M08A	Happy Creek Ra	82.60	42	P	P	00 36 03.7 +0.5
116A	Eloy	82.64	52	P	P	00 36 04.0 +0.5
Z15A	Gila River Ind	82.66	51	↑P	P	00 36 03.7 +0.1
O09A	Fish Creek Ran	82.66	43	↑P	P	00 36 03.5 0.0
X14A	Yava	82.69	50	P	P	00 36 04.2 +0.5
H05A	Madras	82.71	38	↑P	P	00 36 03.4 -0.2
R11A	Troy Canyon, C	82.76	45	P	P	00 36 03.8 -0.2
K07A	Root Creek Ran	82.76	40	↑P	P	00 36 04.1 +0.3
D03A	Wishkah Elem.	82.78	35	↑P	P	00 36 04.4 +0.5
F04A	Amboy	82.80	36	P	P	00 36 03.9 -0.2
N09A	Rock Creek Ran	82.82	42	↑P	P	00 36 04.3 +0.1
P10A	Eureka	82.84	44	↑P	P	00 36 04.4 0.0
Y15A	Casa Rosa Rang	82.84	50	P	P	00 36 04.9 +0.4
HOOD	Mount Hood Mea	82.87	37	eP	P	00 36 04.6 +0.2
S12A	Delamar Landin	82.88	46	↑P	P	00 36 05.2 +0.6
SLKM	Skilak Lake	82.88	141T	eP	P	00 36 02.8 -1.2
SLKM	Skilak Lake	82.88	141T	eP	P	00 39 02.9
C03A	Quillayute Air	82.88	34	↑P	P	00 36 05.0 +0.6
U13A	Paton Wash	82.88	48	P	P	00 36 05.1 +0.4
I06A	Prineville	82.90	39	P	P	00 36 05.1 +0.6
NLWA	Nellon Lookou	82.90	34	↑P	P	00 36 04.8 +0.3
NLWA	Nellon Lookou	82.90	34	↑P	P	00 36 04.7 +0.3
W14A	Seligman	82.91	49	P	P	00 36 05.5 +0.7
Z17A	Great Valley	82.94	53	P	P	00 36 05.9 +0.8
GAMB	Gambell	82.95	3	eP	P	00 36 04.2 -0.1
Q11A	Duckwater	82.97	45	P	P	00 36 05.0 0.0
WVOR	Wild Horse Val	82.99	41	P	P	00 36 05.1 +0.1
G05A	Wamic	83.01	37	↑P	P	00 36 04.9 -0.2
E04A	Onalaska	83.03	35	↑P	P	00 36 05.6 +0.4
L08A	Fields	83.04	41	↑P	P	00 36 05.5 +0.2
OTR	Olympics-Tyee	83.08	34	P	P	00 36 05.9 +0.6
V14A	Boquillas Ran	83.10	49	↑P	P	00 36 06.1 +0.4
J07A	Hines	83.11	40	↑P	P	00 36 05.7 +0.1
X15A	Humboldt	83.17	50	P	P	00 36 06.7 +0.6
M09A	Marrel Ranch,	83.17	42	P	P	00 36 06.5 +0.5
O10A	Cortex Mining	83.17	43	↑P	P	00 36 06.1 +0.1
TUC	Tucson	83.22	53	eP	P	00 36 07.0 +0.6
Z16A	Peralta Trail	83.22	51	↑P	P	00 36 06.8 +0.4
T13A	Saint George	83.23	47	P	P	00 36 06.7 +0.3
K08A	Mann Creek Ran	83.25	40	↑P	P	00 36 06.5 +0.2
OSD	Olympics-Snow	83.26	34	P	P	00 36 06.6 +0.4
P11A	Circle Ranch	83.27	44	↑P	P	00 36 06.6 +0.1
H06A	Lindquist Farm	83.28	38	P	P	00 36 06.3 -0.1
D04A	Dobbs Creek Ra	83.30	35	↑P	P	00 36 07.0 +0.6
F05A	White Salmon	83.31	37	↑P	P	00 36 06.3 -0.2
L09A	Wilkinson Ran	83.36	41	↑P	P	00 36 07.0 +0.1
117A	Oracle	83.37	52	↑P	P	00 36 07.8 +0.6
N10A	Dumphy	83.40	43	↑P	P	00 36 07.3 +0.2
G06A	Carlson Farm	83.40	37	P	P	00 36 06.7 -0.3
R12A	Pony Springs,	83.41	46	↑P	P	00 36 07.4 +0.2
318A	Bisbee	83.42	54	P	P	00 36 08.1 +0.6
Y16A	Circle Bar Ran	83.43	51	↑P	P	00 36 07.9 +0.5
U14A	Mit Trumbull	83.44	48	P	P	00 36 08.0 +0.6
W15A	Williams	83.48	49	↑P	P	00 36 08.3 +0.6
B04A	Port Angeles	83.51	34	P	P	00 36 07.7 +0.3
S13A	Holt Ranch, En	83.54	47	↑P	P	00 36 08.1 +0.2
E05A	Randle	83.54	36	↑P	P	00 36 07.3 -0.4
GNW	Green Mountain	83.57	35	eP	P	00 36 07.5 -0.2
C04A	Brinnon	83.58	34	↑P	P	00 36 07.9 +0.1

J08A	Circle Bar Ran	83.60	40	P	P	00 36 08.2 +0.2
218A	Dragon	83.62	53	P	P	00 36 09.2 +0.8
Q12						

MSU	Marysville	85.15	47	P	P	00 36 16.1 +0.4
A06A	Chilliwack	85.21	34	↑P	P	00 36 15.2 -0.5
M13A	Monte Vista	85.24	43	↓P	P	00 36 16.1 0.0
F09A	S2 Ranch, Elgi	85.25	38	↑P	P	00 36 15.7 -0.2
MF1D	Camas Ranch	85.26	41	P	P	00 36 15.9 -0.1
X19A	St. Johns	85.30	51	P	P	00 36 16.8 +0.3
H10A	Noah's Angus R	85.32	40	↓P	P	00 36 15.9 -0.5
D08A	Wollman Farm	85.42	37	↓P	P	00 36 16.7 -0.1
K12A	Draper Farm, C	85.43	42	↓P	P	00 36 16.9 0.0
I11A	Placerville	85.44	40	↑P	P	00 36 16.8 -0.1
G10A	Bishop Farm, J	85.48	39	P	P	00 36 16.7 -0.4
DUG	Dugway	85.55	45	↑P	P	00 36 17.2 -0.3
DUG	Dugway	85.55	45	↑P	P	00 36 17.2 -0.4
E09A	Wood Farm, Sta	85.56	37	P	P	00 36 16.9 -0.4
B07A	Winthrop	85.56	35	↑P	P	00 36 17.1 -0.3
J12A	Stokes Ranch	85.62	41	P	P	00 36 18.1 +0.4
N14A	Grayback Hills	85.63	44	P	P	00 36 17.5 -0.3
L13A	Double Diamond	85.75	43	↑P	P	00 36 18.6 +0.1
A07A	Ashnola River	85.76	34	↑P	P	00 36 18.1 -0.2
C08A	Higginbotham F	85.76	36	↓P	P	00 36 17.8 -0.5
BGU	Big Grassy Moun	85.77	44	↑P	P	00 36 17.9 -0.7
D09A	Jonny Farm, R	85.77	37	↓P	P	00 36 18.2 -0.2
F10A	Beach Ranch, E	85.79	38	P	P	00 36 18.0 -0.5
H11A	Donnelly	85.83	40	↓P	P	00 36 18.5 -0.2
M14A	Sheep Mountain	85.85	43	↓P	P	00 36 19.0 +0.1
USHA	Ushuaia	85.89	147	P	P	00 36 18.5 -0.4
NLU	North Lily Min	85.92	45	↑P	P	00 36 19.3 0.0
B08A	Colville Hesser	85.93	35	P	P	00 36 18.4 -0.7
K13A	Stover Farm, H	85.95	42	↓P	P	00 36 19.8 +0.4
MCK	McKinley	86.02	13	P	P	00 36 17.5 -1.7
MCK	McKinley	86.02	13	P	P	00 36 17.5 -1.6
G11A	Walters Elk Ra	86.04	39	P	P	00 36 19.5 -0.3
N15A	Stansbury Isla	86.08	44	↑P	P	00 36 19.8 -0.2
E10A	Myers Farm, Un	86.14	38	↓P	P	00 36 19.5 -0.7
C09A	Chrisman Ranch	86.20	36	↓P	P	00 36 20.0 -0.4
HL1D	Halley	86.21	41	↑P	P	00 36 21.0 +0.4
NOQ	North Oquirrh	86.23	45	↑P	P	00 36 20.7 0.0
SKAC	Skagway	86.25	21	↑P	P	00 36 20.6 +0.3
MPU	Maple Canyon	86.25	45	↑P	P	00 36 21.1 +0.2
J15A	Cove Ranch, Pi	86.28	42	↓P	P	00 36 21.1 +0.5
A08A	Turner Farm, O	86.31	35	↓P	P	00 36 20.6 -0.3
SPUT	South Promonto	86.34	44	↑P	P	00 36 21.6 +0.4
XAN	XAN	86.34	308	P	P	00 36 22.2 +0.8
XAN	XAN			AP	PP	00 38 40.3 +1.5
XAN	XAN			XP	SP	00 39 44.9 +1.4
XAN	XAN			PP	PP	00 40 03.0 +7.2
XAN	XAN			PPP	PP	00 42 00.1
XAN	XAN			S	S	00 46 06.9 +2.4
XAN	XAN			S	AMB	
HVU	Hansel Valley	86.36	43	↑P	P	00 36 21.4 +0.1
F11A	Grangeville	86.37	39	↓P	P	00 36 19.7 -1.6
M15A	Larsen Ranch	86.41	44	↑P	P	00 36 21.4 -0.2
H12A	Diamond D Ranc	86.45	40	↓P	P	00 36 21.6 0.0
K14A	Jones Ranch, D	86.48	43	↓P	P	00 36 22.1 +0.2
CTU	Camp Tracy	86.50	45	↑P	P	00 36 22.0 0.0
I13A	Wildhorse Cree	86.58	41	↓P	P	00 36 22.6 +0.4
E11A	Bogner Ranch	86.59	38	↑P	P	00 36 20.8 -1.4
B09A	Rice	86.62	36	↑P	P	00 36 21.8 -0.5
JLU	Jordanelle	86.66	45	↑P	P	00 36 22.8 +0.1
A09A	Danville	86.69	35	P	P	00 36 22.6 -0.1
DAU	Daniels Canyon	86.69	45	↑P	P	00 36 23.1 +0.2
C10A	Spiker Farm	86.75	37	↓P	P	00 36 22.5 -0.5
H13A	Challis	86.82	40	P	P	00 36 23.6 +0.2
F12A	Elk City	86.84	39	P	P	00 36 23.1 -0.3
D11A	Klaveano Farm	86.89	38	P	P	00 36 22.7 -1.0
Y22C	IRIS PASSCAL I	86.90	52	↓P	P	00 36 24.5 +0.4
HIA	Hillar	86.92	325	↑P	P	00 36 22.5 -1.2
HWUT	Hardware Ranch	87.06	44	↑P	P	00 36 24.3 -0.3
B10A	Chitwood Farm	87.06	36	↑P	P	00 36 23.9 -0.5
MNTX	Cornudas Moun	87.07	55	↑P	P	00 36 25.0 +0.1
NEW	Newport	87.10	36	↑P	P	00 36 23.8 -0.8
NEW	Newport	87.10	36	↑P	P	00 36 23.9 -0.7
G13A	Cobalt	87.11	40	↓P	P	00 36 24.6 -0.1
MVCO	Mesa Verde	87.12	49	↑P	P	00 36 24.7 -0.3
MVCO	Mesa Verde	87.12	49	↑P	P	00 36 24.6 -0.4
IMA2	Indian Mountai	87.22	10	↑P	P	00 36 23.8 -0.9
COLA	College	87.25	13c	↑P	P	00 36 22.9 -2.0
COLA	College	87.25	13c	↑P	P	00 36 22.0 -2.9
A10A	Northport	87.25	36	↑P	P	00 36 25.0 -0.3
DLBC	Dease Lake	87.39	24	↑P	P	00 36 25.6 -0.1
F13A	Darby	87.39	39	↓P	P	00 36 25.6 -0.5
TXAR	Lajitas Array	87.46	58	P	P	00 36 27.2 +0.5
TXAR	Lajitas Array	87.46	58	P	P	00 36 27.2 +0.5
H12C	Red Ives Fores	87.46	38	↑P	P	00 36 25.5 -0.8
DHC	Hu-ho-hao-te	87.55	315	↑P	P	00 36 27.4 +0.5
HHC	HHC			AP	PP	00 38 49.3 +4.5
HHC	HHC			XP	PP	00 39 52.1 +2.8
HHC	HHC			PP	PP	00 40 09.3 +4.1
HHC	HHC			SS	SS	00 45 52.9
HHC	HHC			SS	SS	00 46 11.1 -4.3
HHC	HHC			SS	SS	00 52 25.8 +3.0
HHC	HHC			AMB	AMB	
HHC	HHC			AMB	AMB	
ANMO	Albuquerque	87.62	52f	↑P	P	00 36 27.1 -0.3
ANMO	Albuquerque	87.62	52	↑P	P	00 36 26.8 -0.0
B11A	Sandpoint	87.62	36	↑P	P	00 36 26.7 -0.3
KMI	Kunming	87.63	297	↑P	P	00 36 27.8 +0.0
KMI	KMI			AP	PP	00 38 48.6 +3.0
KMI	KMI			AMB	AMB	
BILL	Billibino	87.65	355c	↑P	P	00 36 25.5 -1.2

BILL	Billibino	87.65	355	↑P	P	00 36 25.6 -1.1
G14A	Jackson	87.66	40	↑P	P	00 36 27.4 +0.1
SYO	Syowa Base	87.67	193f	↑P	P	00 36 24.0 -3.0
MCMT	McKenzie Canyo	87.82	41	↑P	P	00 36 28.3 +0.2
E13A	Victor	87.83	39	↑P	P	00 36 27.1 -0.9
A11A	Hall Mountain	87.90	36	↑P	P	00 36 28.6 +0.3
AHID	Auburn Hatcher	87.92	43	↑P	P	00 36 29.0 +0.4
F14A	Wisdom	88.00	40	↑P	P	00 36 28.5 -0.4
D13A	Huson	88.00	38	↑P	P	00 36 27.8 -1.1
B12A	Libby	88.07	37	↑P	P	00 36 29.0 -0.2
MSO	Missoula	88.17	39	↑P	P	00 36 28.5 -1.1
BSMT	Bassou Peak	88.21	37	↑P	P	00 36 29.0 -0.8
G15A	Dillon	88.21	41	↓P	P	00 36 29.9 0.0
E14A	Hot Springs	88.23	39	↑P	P	00 36 29.5 -0.4
C13A	Hot Springs	88.24	38	↑P	P	00 36 28.9 -1.0
DLMT	Dillon	88.24	40	↑P	P	00 36 30.1 0.0
DCIDI	Drake Creek	88.26	42	↑P	P	00 36 30.6 +0.5
A12A	Yaak River Ran	88.28	36	↑P	P	00 36 29.9 -0.2
TPAW	Teton Pass	88.36	43	↑P	P	00 36 31.0 +0.3
REDW	Red Top Meadow	88.36	43	↑P	P	00 36 30.8 +0.2
SNOW	Snow King Moun	88.47	43	↑P	P	00 36 31.6 +0.4
F15A	Greenough	88.54	40	↑P	P	00 36 31.2 -0.2
L14A	Greenough	88.56	39	↑P	P	00 36 30.2 -1.2
DRM	Limelin Ridge	88.56	40	↑P	P	00 36 31.1 -0.3
IMW	Indian Meadow	88.56	42	↑P	P	00 36 31.0 -0.5
DAWY	Dawson	88.60	16	↑P	P	00 36 30.3 -0.9
CHTO	Chiang Mai	88.61	290	↑P	P	00 36 33.3 +1.0
CHMT	Chamberlain M	88.62	39	↑P	P	00 36 31.0 -0.7
LOHW	Lohr	88.64	43	↑P	P	00 36 32.1 +0.2
B13A	Whitefish	88.66	37	↑P	P	00 36 30.9 -0.9
QLMT	Quartz Lake	88.70	41	↑P	P	00 36 32.8 +0.6
EGAK	Eagle	88.72	15	↑P	P	00 36 30.8 -1.0
E15A	Deer Lodge	88.74	39	↑P	P	00 36 31.6 -0.7
C14A	Swan Lake	88.77	38	↑P	P	00 36 31.1 -1.3
FLWY	Flag Ranch	88.81	42	↑P	P	00 36 33.2 +0.5
YFT	Old Faithful	88.89	42	↑P	P	00 36 34.7 +1.7
YMR	Madison River	88.92	42	↑P	P	00 36 34.0 +0.8
BW06	Boulder Array	88.92	44	↑P	P	00 36 32.8 -0.4
BOZ	Bozeman (W)	88.97	40	↑P	P	00 36 33.3 -0.1
BOZ	Bozeman (W)	88.97	40	↑P	P	00 36 33.3 -0.1
A13A	Flathead Natio	88.98	37	↓P	P	00 36 32.8 -0.6
CD2	Chengdu	89.03	303	↑P	P	00 36 35.0 +1.0
CD2	CD2			AP	PP	00 40 35.2 +3.4
CD2	CD2			XP	PP	00 40 05.5 +3.7
CD2	CD2			PP	PP	00 40 20.8 +3.9
CD2	CD2			SKS	S	00 46 02.1
CD2	CD2			S	AMB	00 46 27.6 -1.7
CD2	CD2			AMB	AMB	
SMCO	Snowmass	89.07	48	↑P	P	00 36 33.8 -0.2
YNR	Norris Junctio	89.12	42	↑P	P	00 36 35.5 +1.4
D15A	Lincoln	89.12	39	↑P	P	00 36 33.8 -0.3
LKWY	Lake	89.22	42	↑P	P	00 36 36.2 +1.6
SNA	Sanae	89.31	179	↑P	P	00 36 33.1 -1.5
SNA	SNA			e	e	00 36 36.6
SNA	SNA			e	e	00 36 43.3
SNA	SNA			e	e	00 38 57.2
SNA	SNA			e	e	00 39 01.9
SNA	SNA			e	e	00 39 33.5 -1.1
RY	Research	89.37	39	↑P	P	00 36 33.3 -0.1
VNA3	Neumayer Olymp	89.48	177	↑P	P	00 39 01.6 +7.8
MAIT	Maitri	89.50	184	↑P	P	00 36 35.2 -2.1
VNA2	Neumayer-Watz	89.91	177	↑P	P	00 36 36.6 -0.8
VNA2	VNA2			e	e	00 36 40.1
VNA2	VNA2			e	e	00 36 46.4
VNA2	VNA2			e	e	00 39 00.0
VNA2	VNA2			e	e	00 39 04.7
VNA1	Neumayer-Stat	90.15	177	↑P	P	00 36 37.9 -0.6
VNA1	VNA1			e	e	00 36 41.3
VNA1	VNA1			e	e	00 38 47.7
VNA1	VNA1			e	e	00 39 00.4 +4.3
VNA1	VNA1			e	e	00 39 04.6
RLMT	Red Lodge	90.19	42	↑P	P	00 36 39.3 +0.2
GCMT	Greycliff	90.25	41	↑P	P	00 36 39.0 -0.3
ISCO	Idaho Springs	90.28	42	↑P	P	00 36 38.3 -0.1
YAK	Yakutsk	90.46	339f	↑P	P	00 36 38.6 -1.3
YAK	Yakutsk			pmx	pmx	
YAK	Yakutsk			pmx	pmx	
LZH	Lanzhou	90.96	308	↑P	P	00 36 39.1 -0.8
LZH	LZH			AP	PP	00 39 44.1 +1.2
LZH	LZH			XP	PP	00 39 09.0 +7.2
LZH	LZH			PP	PP	00 40 11.0 +5.1
LZH	LZH			PP	PP	00 40 38.0 +6.0
LZH	LZH			SKS	S	00 46 14.4
LZH	LZH			eS	S	00 46 46.3 -0.1
LZH	LZH			AMB	AMB	
JCT	Junction City	91.00	58	↑P	P	00 36 42.2 -0.9
JCT	JCT			pmx	pmx	
JCT	JCT			pmx	pmx	
JCT	JCT			pmx	pmx	
PHWY	Pilot Hill	91.02	46	↑P	P	00 36 42.6 -0.4
PLCA	Paso Flores	91.07				











7d 0h

2007 MAY

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like WVOR Wild Horse Val, Q05C Quincy, Q03C Winters, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like LPG comp=Z,5.0nm,0.5s,mb5.1, LAGNE La Plagne, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like SGMF Saint Gilles, LASF Ste Croix, MFF Saint Martin, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res. Includes stations like CAPV Capacho, VIGV El Vigia, etc.

IDC 07 00:33:05.6:6.3,2050S:6703W,h220km,44km,mb3.4/1, mb1 3.5/3,mb1mx3/2/17,mbtmp3.3/3, Error ellipse:



ASAR Alice Springs 26.51 227 P P 01 13 00.2 +0.2
ASAR Fitzroy Crossi 30.80 245 P P 01 16 23.8 -0.7
SONM Songino Array 68.72 327 P P 01 18 25.7 0.0
MKAR Makanchi Array 82.83 319 P P 01 19 46.5 0.0
YKA Yellowknife Ar 95.82 28 P P 01 20 48.1 0.0

IDC 07 01:11:40.2-3.6, 717S-15772E, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.8/13, mbmtpp3.9/5, Error ellipse: s-maj=112.2km s-min=9.8km az=115.0, Bougainville - Solomon Islands region

Code Station Name Az AZ Phase ID Time Res
WRA Warramunga Arr 25.99 238 Op P 01 17 15.0 +0.1
ASAR Alice Springs 28.14 232 P P 01 17 34.5 +0.2
SONM Songino Array 70.36 328 P P 01 23 00.8 +1.3
MKAR Makanchi Array 85.33 318 P P 01 24 19.3 +0.1
ZALV Zalesovo Beam 85.84 325 P P 01 24 21.3 -0.3

CSEM 07 01:25:57.3, 3549N-2441E, h28km, MD3.6/6, After ATH
NEIC 07 01:25:57.3, 3549N-2441E, h28km, MD3.6(ATH), After ATH

ATH 07 01:25:57.3, 3548N-2442E, h28km, MD3.6/2C-3D, Crete

Code Station Name Az AZ Phase ID Time Res
VAM Vamos 0.19 248 Op P 01 26 03.3 +0.1
NPS Neapolis 1.00 102 Op P 01 26 17.1 +1.7
VLI Veliai 1.72 316 Op P 01 26 28.3 +2.9
KARP Karpathos 2.24 87 Op P 01 26 34.1 +1.6
ARG Arkhangelos 3.10 75 Op P 01 26 46.7 +2.4
LKR Lokris 3.36 341 Op P 01 26 49.9 +2.0

ORF 07 01:34:11.8, 3616N-2403E, h30km, mb4.2, ML5.6
BUJ 07 01:34:40.8, 3760N-2110E, h16km, mb4.9, mb4.9, Ms5.1, Msz4.7

ISCJB 07 01:34:41.2, 0.1, 3757N, 001+2105E, 001, h10km, mb4.7/87, MS4.2/27, Error ellipse: s-maj=2.0km s-min=1.3km az=13.4

PRU 07 01:34:41.6, 3778N-2102E, h0km, M4.5
IDC 07 01:34:41.3, 0.5, 3778N-2115E, h0km, mb4.5/23, mb1 4.5/34, mb1mx3.5/38, mbmtpp4.4/34, ML4.4, 1/10, MS3.9/18, Ms1 3.9/18, ms1mx3.7/36, Error ellipse: s-maj=11.1km s-min=10.5km az=61.0

CSEM 07 01:34:42.8, 0.0, 3748N-2101E, h15km, mb4.8/8, Ms3.4, Error ellipse: s-maj=1.2km s-min=0.9km az=9.0
NEIC 07 01:34:42.8, 3762N-2108E, h16km, mb4.5/69, ML4.6(PDG), ML4.4(ATH), After ATH

THE 07 01:34:43.1, 3761N-2106E, h3km, ML5.1
ATH 07 01:34:43.1, 3764N-2109E, h18km, 1km, MD4.7/23, ML4.6
MOS 07 01:34:44.8, 1.2, 3772N-2110E, h33km, mb4.9/22, MS4.1/23, Error ellipse: s-maj=3.4km s-min=2.1km az=103.0

HLW 07 01:34:45.7, 3757N-2162E, h3km, Mb4.3
PDG 07 01:34:45.0, 0.6, 3774N-2094E, h28km, 2km, MD4.8/4, ML4.6/10, Error ellipse: s-maj=1.9km s-min=1.9km az=0.0

GII 07 01:34:48.0, 0.0, 3670N-2171E, h0km, mb4.9/3, ML4.9/3
ISC 07 01:34:43.0, 0.1, 3758N-001+2107E, 001, h10km, (h38km, 1.5km; p-P), n739, n1946/797, mb4.7/87, MS4.2/27, 71C-44D, Southern Greece

Code Station Name Az AZ Phase ID Time Res
RLS Riolos of Patr 0.57 33 Op P 01 35 01.4 -0.2
KFL Anninata 0.58 337 Op P 01 34 53.7 -0.6
VLS Valsamata 0.71 328 Op P 01 34 55.9 -0.9
VLS Valsamata 0.71 328 Op P 01 35 06.7 +0.6
VLS Valsamata 0.71 328 Op P 01 34 55.9 -0.9
ITM Ithomi 0.79 120 Op P 01 34 58.5 +0.4
PYL PYLOS 0.86 142 Op P 01 34 59.7 +0.1
SEL Sela 0.95 43 Op P 01 35 00.7 +0.6
VLX Vlachokerasia 1.06 101 Op P 01 35 02.9 +0.4
LKD Levkas 1.18 344 Op P 01 35 03.8 -1.7
LKD Lyvritania 1.46 231 Op P 01 35 20.9 +0.0
EVR Eurytania 1.56 23 Op P 01 35 28.1 -1.8
LTR Loutrakai 1.56 73 Op P 01 35 11.1 -1.9
VLI Veliai 1.72 119 Op P 01 35 33.7 +0.4
VLI Veliai 1.72 119 Op P 01 35 15.8 -1.0
DID Didima 1.72 92 Op P 01 35 13.9 +1.0
AGG Agios Georgios 1.75 34 Op P 01 35 13.9 +0.5
LKR Lokris 1.86 54 Op P 01 35 15.0 +0.1
LKR Lokris 1.86 54 Op P 01 35 15.1 +0.2
XOR Xoriatini 2.04 34 Op P 01 35 17.4 +2.1
JAN Janina 2.20 355 Op P 01 35 19.0 +1.0
THL Klokokos Trika 2.12 20 Op P 01 35 19.9 +1.5
ATH Athens Observa 2.13 78 Op P 01 35 20.1 +1.5
KEK Kerkira 2.36 335 Op P 01 35 21.7 +1.2
NEO Neokhori 2.42 44 Op P 01 35 23.7 +1.2
XOR Xoriatini 2.42 44 Op P 01 35 23.7 +1.2
SRN Sarande 2.45 34 Op P 01 35 23.1 +0.1
ARO Anlonissos 2.72 53 Op P 01 35 27.3 +0.6
LIT Likhohoron 2.75 23 Op P 01 35 27.8 +0.7
KZN Kozani 2.78 11 Op P 01 35 29.8 +2.3
TPE Tepelena 2.84 34 Op P 01 35 28.6 +0.5
KBN Korca 2.95 35 Op P 01 35 33.4 +0.2
PAIG Paliouri 3.11 40 Op P 01 35 34.2 +0.3
KARN Karanos 3.15 133 Op P 01 35 34.5 +1.9
NCA Florina 3.21 4 Op P 01 35 34.3 +0.8
VAM Vamos 3.32 130 Op P 01 35 37.0 +2.1
PLG Polygyros 3.35 33 Op P 01 35 35.7 +0.4
PLG Polygyros 3.35 33 Op P 01 35 33.1 Op P 01 35 37.3 +0.4
THE Thessaloniki 3.39 25 Op P 01 35 36.3 +0.5
HORT Hortiatini 3.41 27 Op P 01 35 36.7 +0.6
BIA Bitola 3.45 3 Op P 01 35 36.8 +0.1
BIA Bitola 3.45 3 Op P 01 35 36.8 +0.1
IGR Griva 3.71 108 Op P 01 35 44.3 +0.3
OHR Ohrid 3.54 357 Op P 01 35 38.4 +0.5
OHR Ohrid 3.54 357 Op P 01 35 38.5 +0.6
OUR Ouranopolis 3.57 39 Op P 01 35 39.2 +0.8
APE Apeiranthos 3.59 97 Op P 01 35 39.7 +1.1
APE Apeiranthos 3.59 97 Op P 01 35 39.7 +1.1
APE Apeiranthos 3.59 97 Op P 01 35 39.7 +1.1
LCI Lecce 3.59 321 Op P 01 35 38.5 +0.6
GVD Gavdhos 3.66 137 Op P 01 35 39.5 -0.1
GVD Gavdhos 3.66 137 Op P 01 35 39.5 -0.1
SOH Sokhos 3.69 28 Op P 01 35 41.3 +1.2
SANT Santorini 3.71 108 Op P 01 35 41.9 +0.4
SANT Santorini 3.71 108 Op P 01 35 41.3 +0.3
TIP Timpagrade 3.75 297 Op P 01 35 40.4 -0.4
TIP Timpagrade 3.75 297 Op P 01 35 40.4 -0.4
KRI Kendrickon 3.85 21 Op P 01 35 42.9 +0.7
GNT Giralfo 3.87 290 Op P 01 35 43.1 +0.5
TIR Tirane 3.89 346 Op P 01 35 43.4 +0.7
VAY Valandovo 3.92 17 Op P 01 35 43.5 +0.4
VAY Valandovo 3.92 17 Op P 01 35 43.1 0.0
SIVA Sivas 3.95 129 Op P 01 35 45.4 +1.8
LIA Limnos Island 3.96 53 Op P 01 35 44.8 +1.0
LIA Limnos Island 3.96 53 Op P 01 35 44.8 +1.0
SOI Samo 4.00 279 Op P 01 35 43.3 -0.6
CHOS Chios Island 4.02 77 Op P 01 35 46.0 +1.5
SRS Serrai 4.04 28 Op P 01 35 45.5 +0.6
QSH Qafa e Shtames 4.04 347 Op P 01 35 47.0 +2.1
STIP Stip 4.20 11 Op P 01 35 47.6 +0.5

STIP Stip 4.20 11 Op P 01 35 47.6 +0.6
TDS Terranova Siba 4.25 301 Op P 01 35 48.2 +0.4
MTTG Motta San Gio 4.28 277 Op P 01 35 47.9 -0.3
LAST Lasithi 4.29 123 Op P 01 35 50.0 +1.7
SCLL Scilla 4.29 281 Op P 01 35 48.0 -0.3
PEI Pezzo di Greco 4.30 320 Op P 01 35 48.4 +0.1
NPS Neapolis 4.33 211 Op P 01 35 50.4 +1.6
NVR Nevrokopi 4.34 291 Op P 01 35 49.8 +0.8
SKO Skopje 4.40 4 Op P 01 35 51.0 +1.2
SKO Skopje 4.40 4 Op P 01 35 50.4 +0.6
PRK Paraskevi 4.41 66 Op P 01 35 51.6 +1.7
PRK Paraskevi 4.41 66 Op P 01 35 52.2 +2.3
URLA Izmir 4.43 78 Op P 01 35 50.6 +0.4
BOZC Bozcaada 4.50 58 Op P 01 35 51.4 +0.2
PUK Puka 4.55 349 Op P 01 35 51.7 -0.2
SMG Samos 4.58 87 Op P 01 35 53.2 +1.2
GADA Givkgeada 4.58 94 Op P 01 35 53.2 +1.2
ULC Ulcinj 4.60 343 Op P 01 35 51.4 -1.2
ULC Ulcinj 4.60 343 Op P 01 35 47.1 -4.3
AGST Augusta-Monte 4.67 268 Op P 01 35 51.6 -1.8
EZN Ezine 4.68 90 Op P 01 35 54.9 +1.3
SGI Sgolgore (BA) 4.72 316 Op P 01 35 54.7 +0.5
BLBC Balçova 4.78 78 Op P 01 35 58.1 +3.0
BLBC Balçova 4.78 78 Op P 01 35 57.3 +2.3
HAVL Avola 4.79 264 Op P 01 35 53.7 -1.4
BAI Bari 4.80 319 Op P 01 35 55.6 +0.4
SRI Sorino 4.80 287 Op P 01 35 53.7 -1.5
ZKR Zadar 4.81 19 Op P 01 35 57.9 +0.3
BCI Bajram Curri 4.85 351 Op P 01 35 56.9 +1.0
PTRP Pietrapertosa 4.89 309 Op P 01 35 57.9 +1.4
PZI Palazzolo 4.91 266 Op P 01 35 55.4 -1.4
KDG Bornova 4.96 79 Op P 01 35 59.8 +2.3
RDO Rodhos 4.97 43 Op P 01 35 57.9 +0.3
BOBT Bodrum 5.00 94 Op P 01 36 03.4 +5.5
BUM Brajici-Budva 5.01 341 Op P 01 35 57.0 -1.1
BUM Brajici-Budva 5.01 341 Op P 01 36 51.6 -4.4
MGR Morigerati 5.01 302 Op P 01 35 58.5 +3.0
TTG Topogorica 5.04 345 Op P 01 35 57.6 -1.0
TTG Topogorica 5.04 345 Op P 01 36 52.7 +4.3
ENEZ Enez 5.05 50 Op P 01 35 59.9 +1.1
HMC Modica 5.06 265 Op P 01 35 57.5 -1.3
451nm,0.8s
HVZN Vizzini 5.08 267 Op P 01 35 57.5 -1.6
579nm,0.5s
PVY Plav 5.08 351 Op P 01 35 59.1 -0.1
PVY Plav 5.08 351 Op P 01 36 53.5 -4.4
CDT Castel del Mon 5.11 315 Op P 01 35 59.4 -0.1
LPK Lapsee 5.24 56 Op P 01 36 03.0 +1.8
HERC Herceg Novi 5.25 339 Op P 01 36 05.9 +1.7
HCY Herceg Novi 5.25 339 Op P 01 36 07.4 -4.7
DAT Datca 5.26 97 Op P 01 36 07.1 +5.5
VTS Vitosha 5.27 17 Op P 01 36 03.0 +1.3
VTS Vitosha 5.27 17 Op P 01 36 02.8 +1.1
VAE Valguarnera 5.30 27 Op P 01 36 04.1 +2.0
6.2nm,0.3s,baz=346,slo=7.3,SNR=5
VAE 5.4nm,0.3s,baz=124,slo=11,SNR=3.5 LR 01 37 04.4 +1.3
VAE comp=Z.495nm,18.3s,baz=352,slo=36.5 LR 01 37 50.2
KARP Karpathos 5.30 111 Op P 01 36 04.4 +2.2
KARP Karpathos 5.31 111 Op P 01 36 04.4 +2.1
PLD Plovdiv 5.32 31 Op P 01 36 03.7 +1.3
MLSB Milas 5.34 91 Op P 01 36 07.5 +4.8
RAFF Raffo Rosso 5.36 258 Op P 01 36 01.9 -1.0
IVA Berane 5.37 351 Op P 01 37 00.0 0.0
MRLC Muro Lucano 5.38 308 Op P 01 36 04.6 +1.4
52nm,0.5s
SGO Sgignano 5.39 305 Op P 01 36 04.6 +1.3
AKS Akhisar 5.46 74 Op P 01 36 04.2 -0.2
AKS Akhisar 5.46 74 Op P 01 36 04.2 -0.2
NKY Niksic 5.47 344 Op P 01 36 03.4 -1.0
NKY Niksic 5.47 344 Op P 01 37 02.1 -5.3
CSLB Castelbuono 5.57 276 Op P 01 36 06.4 +0.5
113nm,1.0s
FG4 Candela 5.58 311 Op P 01 36 07.2 +1.2
FG4 comp=Z.189nm,0.3s 5.58 311 Op P 01 36 07.2 +1.2
FG4 comp=Z.189nm,0.3s 5.58 311 Op P 01 36 07.2 +1.2
GIB Gibilmanna 5.60 276 Op P 01 36 06.9 +0.7
GIB Gibilmanna 5.60 276 Op P 01 36 06.9 +0.7
BRY Bratogost 5.66 341 Op P 01 36 05.5 -1.6
BRY Bratogost 5.66 341 Op P 01 37 06.8 -5.3
RKY Sarkoy-Tekirda 5.67 55 Op P 01 36 09.5 +2.3
SART Sarkoy-Tekirda 5.67 55 Op P 01 36 06.3 -0.9
FMST Monte Sant'Ang 5.71 318 Op P 01 36 07.7 -0.1
BALB Balikesir 5.71 67 Op P 01 36 10.3 +2.5
MSI Monte Sant'Ang 5.72 318 Op P 01 36 08.2 +0.3
CSSN Cassano Irpino 5.73 307 Op P 01 36 09.9 +1.9
5.2nm,0.5s
YER Yerkesik 5.76 92 Op P 01 36 14.0 +5.6
MFT Murefte 5.79 54 Op P 01 36 10.1 +1.2
ARG Arkhangelos 5.81 101 Op P 01 36 11.7 +2.5
FG5 Orsara di Pugl 5.82 311 Op P 01 36 09.9 +0.6
FG5 comp=Z.443nm,0.9s 5.82 311 Op P 01 36 09.9 +0.6
FG5 comp=Z.443nm,0.9s 5.82 311 Op P 01 36 09.9 +0.6
UPM Unac-Piva 5.86 344 Op P 01 36 09.0 -0.8
UPM Unac-Piva 5.86 344 Op P 01 37 19.9 -5.1
STON Ston 5.89 335 Op P 01 36 18.1 -2.1
STON Ston 5.89 335 Op P 01 37 11.8 -5.9
PLE Pljevlja 5.89 348 Op P 01 36 09.8 -0.4
PRM Rignano Grg 5.89 316 Op P 01 37 12.5 -5.2
MLET Marmara Adasi 5.91 57 Op P 01 36 12.0 +1.5
MRB1 Monte Rocchet 5.91 309 Op P 01 36 11.8 +1.3
comp=Z.377nm,0.6s
LTBO Tobrug 5.98 156 Op P 01 36 12.6 +1.1
SNR=2.2
BNT Bandirama 6.01 60 Op P 01 36 14.2 +2.3
KULA Kula-Manisa 6.06 79 Op P 01 36 16.4 +3.8
PSB1 Pecosannita 6.07 309 Op P 01 36 14.4 +1.7
EDRB Erdre 6.11 44 Op P 01 36 14.1 +0.9
comp=Z.195nm,0.8s
FG2 Serracapiola 6.22 315 Op P 01 36 14.7 0.0
DST Dursunbey 6.25 69 Op P 01 36 18.1 +2.8
CIGN Sant'Elia a Pi 6.27 312 Op P 01 36 16.5 +1.1
KCT Karacayab 6.28 62 Op P 01 36 17.8 +2.2
DENT Denizli 6.32 86 Op P 01 36 20.9 +4.7
SGG Gregorio Mates 6.43 308 Op P 01 36 18.8 +1.2
comp=Z.167nm,0.8s
FETI Roccamonfina 6.47 96 Op P 01 36 24.1 +5.9
RFR Roccamonfina 6.63 306 Op P 01 36 21.7 +1.3
comp=Z.211nm,1.1s
MIDA Miranda 6.65 310 Op P 01 36 23.1 +2.4
comp=Z.444nm,0.9s
KHL Karamall 6.72 81 Op P 01 36 26.2 +4.6
CTT Catalca 6.72 56 Op P 01 36 23.0 +1.4
RN12 Rionero Sannit 6.75 310 Op P 01 36 23.4 +1.4
GDZ Gediz 6.78 75 Op P 01 36 22.8 +0.3
SDI San Donato 6.96 309 Op P 01 36 25.8 +0.7
SDI comp=Z.23nm,0.5s 6.96 309 Op P 01 36 25.8 +0.7
SDI comp=Z.23nm,0.5s 6.96 309 Op P 01 36 25.8 +0.7
SLAM Slano 6.96 149 Op P 01 36 23.0 -2.0
CRUR CRAIOVA 7.05 16 Op P 01 36 26.4 +0.2
INTR Introdacqua 7.08 311 Op P 01 36 27.4 +0.9
comp=Z.178nm,1.1s
IZI Izi 7.10 65 Op P 01 36 29.6 +2.7
ELL Elassip 7.10 94 Op P 01 36 33.1 +6.2
ISK Istanbul-Kandi 7.10 58 Op P 01 36 28.9 +2.0
YLV Yalova 7.11 63 Op P 01 36 29.6 +2.6
VVLD Villa Vallejo 7.17 309 Op P 01 36 29.1 +1.3
KLYT Kalyvia 7.18 57 Op P 01 36 29.9 +2.0
comp=Z.260nm,1.0s
ALT Altintas 7.26 75 Op P 01 36 32.6 +3.6
GUAR Guarino 7.32 308 Op P 01 36 30.6 +0.7
ADVT Abdulvahap 7.33 64 Op P 01 36 33.1 +3.2
HRS Hristi 7.33 84 Op P 01 36 33.1 +3.2
TKPT Hereke 7.42 61 Op P 01 36 33.1 +1.9

ISP Isparta 7.49 85 Op P 01 36 37.9 +5.7
ISP Isparta 7.49 85 Op P 01 36 35.9 +4.8
ISP Isparta 7.49 85 Op P 01 36 35.4 +3.3
ISP Isparta 7.49 85 Op P 01 36 36.0 +3.9
ISP Isparta 7.49 85 Op P 01 36 35.4 +3.3
SLUT Sivas 7.54 80 Op P 01 36 35.6 +4.9
BCK Bucak 7.56 88 Op P 01 36 38.4 +5.2
AQU L'Aquila 7.58 311 Op P 01 36 30.1 -3.3
AQU L'Aquila 7.58 311 Op P 01 36 36.3 +2.9
TERO Teramo 7.63 314 Op P 01 36 34.8 +0.7
143nm,1.0s
ANTB Antalya 7.67 92 Op P 01 36 39.5 +4.8
GPA Golpazarri 7.69 67 Op P 01 36 37.9 +2.9
ESKT Eskisehir 7.90 73 Op P 01 36 41.8 +4.0
GZR Gur Zlata 7.92 9 Op P 01 36 37.9 -0.1
MNS Montasola 8.04 309 Op P 01 36 40.0 +0.3
MNS comp=Z.49nm,0.6s 8.04 309 Op P 01 36 40.0 +0.3
NMS Montasola 8.04 309 Op P 01 36 40.0 +0.3
comp=Z.49nm,0.6s
NRCA Norcia 8.04 313 Op P 01 36 41.0 +1.3
114nm,0.7s
BZS Buzias 8.05 31 Op P 01 36 38.2 -1.6
HMAT Matruh 8.16 141 Op P 01 36 39.0 -2.4
AOI Ancona 8.24 319 Op P 01 36 42.3 -0.2
comp=Z.108nm,0.9s
CING Cingoli 8.34 316 Op P 01 36 44.2 +0.3
comp=Z.96nm,1.0s
VOIR Voiron 8.40 20 Op P 01 36 45.6 +0.9
VOIR Voiron 8.40 20 Op P 01 36 45.2 +0.5
VOIR Voiron 8.40 20 Op P 01 36 45.6 +0.9
NVLL Novajla 8.41 328 Op P 01 36 43.8 -1.0
NVLL Novajla 8.41 328 Op P 01 36 43.5 -6.1
ASS Assisi 8.45 313 Op P 01 36 48.9 +3.5
ASS comp=Z.2.0nm,0.5s 8.45 313 Op P 01 36 48.9 +3.5
ASS comp=Z.2.0nm,0.5s 8.45 313 Op P 01 36 48.9 +3.5
KIZT Kizilcal 8.60 78 Op P 01 36 50.9 +3.4
SISC Sisak 8.64 337 Op P 01 36 45.3 -2.7
MURB Monte Urbano 8.65 314 Op P 01 36 51.4 +3.4
comp=Z.178nm,1.0s
MLR Muntele Rosu 8.71 23 Op P 01 36 50.6 +1.7
MLR Muntele Rosu 8.71 23 Op P 01 36 49.3 -4.0
comp=Z.222,slo=8.6
MLR Muntele Rosu 8.71 23 Op P 01 36 49.8 +0.9
MLR Muntele Rosu 8.71 23 Op P 01 36 50.6 +1.7
FSSB Fossombrone 8.78 317 Op P 01 36 49.4 -0.5
comp=Z.98nm,0.6s
HARR Harsova 8.79 34 Op P 01 36 51.8 +1.8
HARR Harsova 8.79 34 Op P 01 36 48.0 +2.4
HARR Harsova 8.79 34 Op P 01 36 51.8 +1.8
PIEI Pieia 8.81 315 Op P 01 36 50.7 +0.4
comp=Z.110nm,1.3s
PKSM Moragy 8.82 349 Op P 01 36 48.1 -2.3
PKSM Moragy 8.82 349 Op P 01 36 48.0 -2.4
PKSM Moragy 8.82 349 Op P 01 36 48.3 -2.1
TIRR Tirgusor 8.83 37 Op P 01 36 52.0 +1.5
TIRR Tirgusor 8.83 37 Op P 01 36 51.5 +1.4
TIRR Tirgusor 8.83 37 Op P 01 36 52.0 +1.5
KDEZ Karadeniz Ereos 8.85 62 Op P 01 36 53.8 +3.0
KRPE Karpuzlu 8.91 318 Op P 01 36 50.7 -1.0
KONT Konya-Tatoy 8.95 84 Op P 01 36 56.9 +4.7
BADI Badiali 8.96 314 Op P 01 36 54.3 +2.0
BOJS Bojanci 9.04 333 Op P 01 36 51.9 -1.6
BOJS Bojanci 9.04 333 Op P 01 36 51.9 -1.6
ALSA Alassa 9.06 241 Op P 01 36 53.9 +0.1
SNR=22
SWA2 Repubblica di 9.08 155 Op P 01 36 52.6 -1.4
REMI Repubblica di 9.11 317 Op P 01 36 51.9 -2.6
CRM Caprese Michel 9.15 154 Op P 01 36 53.7 -1.3
CRM Caprese Michel 9.20 314 Op P 01 36 56.8 +1.2
CRE Caprese Michel 9.20 314 Op P 01 36 56.8 +1.2
113nm,0.7s
PLOR Plostinia 9.26 25 Op P 01 36 58.0 +1.6
DRGR Dracov 9.29 77 Op P 01 36 56.4 -0.5
VRI Vrincoiaia 9.30 25 Op P 01 36 58.3 +1.3
VRI Vrincoiaia 9.30 25 Op P 01 36 58.7 +1.7
SFI Santa Sofia 9.43 315 Op P 01 37 01.0 +2.2
SFI comp=Z.42nm,0.7s 9.43 315 Op P 01 37 01.0 +2.2
SFI Santa Sofia 9.43 315 Op P 01 37 01.0 +2.2
ANTO Ankara 9.44 72 Op P 01 37 01.8 +2.9
ANTO Ankara 9.44 72 Op P 01 37 00.7 +1.7
ANTO Ankara 9.44 72 Op P 01 37 00.7 +1.7
ANTO Ankara 9.44 72 Op P 01 37 00.7 +1.7
ERMK Ermenek 9.50 92 Op P 01 37 03.2 +3.4
KOGS Kog 9.56 340 Op P 01 36 57.7 -2.9
KOGS Kog 9.60 282 Op P 01 37 02.0 +0.9
comp=Z.0.4nm,0.3s,baz=15,slo=8.4,SNR=13
KEST 9.60 282 Op P 01 37 02.0 +0.9
LR 01 41 13.0
LJU Ljubljana 9.77 332 Op P 01 37 01.4 -2.0
VOJK Vojsko 10.00 330 Op P 01 37 05.0 -1.6
VOY Vojvodina 10.00 330 Op P 01 37 05.0 -1.6
KAMT Kaman 10.07 76 Op P 01 37 10.2 +2.6
PERS Pernice 10.07 336 Op P 01 37 05.1 -2.5
OBKA Obir 10.16 334 Op P 01 37 06.8 -1.9
OBKA Obir 10.16 334 Op P 01 39 00.3 -2.4
OBKA Obir 10.16 334 Op P 01 37 06.8 -1.9
OBKA Obir 10.16 334 Op P 01 37 06.8 -1.9
IKL Isikli 10.19 94 Op P 01 37 13.6 +4.3
LFK Lefkose 10.30 99 Op P 01 37 16.1 +5.4
OBKA Obir 10.37 356 Op P 01 37 10.9 -1.9
PSZ Piszkesteto 10.37 356 Op P 01 37 08.8 -2.9
PSZ Piszkesteto 10.37 356 Op P 01 37 10.8 -0.9
PSZ Piszkesteto 10.37 356 Op P 01 37 10.6 -1.1
BURAR Bucovina Array 10.49 336 Op P 01 37 13.8 +0.6
BURAR Bucovina Array 10.49 336 Op P 01 37 14.2 +1.0
ARSA Arzberg 10.50 339 Op P 01 39 03.1 -8.0
ARSA Arzberg 10.50 339 Op P 01 37 11.0 -2.4
SNR=6.6
ARSA Arzberg 10.50 339 Op P 01 39 06.2 -4.9
ARSA Arzberg 10.50 339 Op P 01 37 11.0 -2.4
ARSA Arzberg 10.50 339 Op P 01 37 11.0 -2.4
PGF Pioggia 10.50 302 Op P 01 37 14.4 +0.9
PGF comp=Z.113nm,1.4s 10.50 302 Op P 01 37 14.4 +0.9
PGF Pioggia 10.50 302 Op P 01 37 14.4 +0.9
PGF comp=Z.57nm,1.4s 10.50 302 Op P 01 37 14.4 +0.9
PGF Pioggia 10.50 3



7d 1h

2007 MAY

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ONI, ETOB, ETOB, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SGFM, SGFM, SGFM, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AKTO, AKTO, AKTO, etc.





2007 MAY

7d 3h

MJAR	comp=Z,3.5nm,0.8s,mb4.1,baz=189,slow=9.9,SNR=11	PcP	PcP	03 13 32.9 +0.9		
MJAR	comp=Z,0.4nm,0.3s,baz=212,slow=4.5,SNR=4.9	LR	LR	03 12 25.8		
DL2	comp=Z,84nm,18.4s,baz=60,slow=36	P	P	03 10 30.5 +0.5		
DL2	Dalian	29.45 353	AMB	AMB		
CD2	comp=Z,20nm,0.7s,mb4.9	P	P	03 10 32.7 +1.4		
CD2	Chengdu	29.59 319	AP	pP	03 10 46.3 -1.1	
CD2			PP	PP	03 11 30.2 -1.0	
CD2			PCP	PcP	03 13 35.9 +2.4	
CD2			S	S	03 15 25.7 +7.7	
CD2			SS	SS	03 17 02.0 -2.7	
CD2			PCS	PCP	03 13 36.3	
CD2			AMB	AMB	03 17 17.9 +1.1	
CD2	comp=Z,20nm,0.8s,mb4.8	AMB	AMB			
CD2	comp=Z,40nm,4.2s	LR	LR			
CD2	comp=N,180nm,12.0s	LR	LR			
CD2	comp=Z,200nm,9.6s	LR	LR			
WRAB	Tennant Creek	30.48 164	P	P	03 10 39.9 +0.7	
WRAB	comp=Z,270nm,0.7s,mb5.5,SNR=12	P	P			
WRAB	Tennant Creek	30.48 164	P	P	03 10 38.9 -0.3	
WRAB	Tennant Creek	30.48 164	eP	P	03 10 38.6 -0.6	
WRA	Warramunga Arr	30.48 164	pP	P	03 10 38.6 -0.6	
WRA			PP	PP	03 11 02.0 -2.9	
WRA	Warramunga Arr	30.48 164	P	P	03 10 38.6 -0.6	
WRA	comp=Z,6.7nm,0.6s,mb4.5,baz=345,slow=9.4,SNR=85	pP	pP	03 11 02.0 -2.9		
WRA	comp=Z,7.3nm,0.8s,baz=335,slow=10.5,SNR=6	PcP	PcP	03 13 36.3 +0.4		
WRA	comp=Z,3.6nm,0.8s,baz=344,slow=3.1,SNR=6.2	P	P	03 13 36.3		
WRA	comp=Z,0.5nm,0.8s,baz=314,slow=1.4,SNR=4.8	PKIKP	PKIKP	03 21 06.3 -1.0		
WB2	Warramunga Arr	30.49 164	P	P	03 10 39.2 -0.1	
WB2			PcP	PcP	03 13 36.5 +0.6	
WB2			eS	S	03 15 22.5 -1.0	
WB2			P	P	03 10 43.9 -1.2	
MWA	Marble Bar	31.14 191	eP	P		
BJT	comp=Z,34nm,0.8s,mb5.1	AMB	AMB			
BJT	Baijiatou	31.53 346	eP	P	03 10 48.0 -0.3	
BJT			pmax	pmax		
BJT	comp=Z,10.0nm,0.5s	Baijiatou	31.53 346	eP	P	03 10 48.0 -0.3
BJT	comp=Z,10.0nm,0.5s,mb4.8	Baijiatou	31.53 346	P	P	03 10 48.1 -0.4
BJT			AMB	AMB		
SNY	comp=Z,24nm,0.8s,mb5.0	Shenyang	32.19 357	PP	P	03 10 54.8 +0.8
SNY			AMB	AMB		
LZH	comp=Z,37nm,0.7s,mb5.2	Lanzhou	33.15 326	eP	P	03 11 02.9 +0.4
LZH			AP	pP	03 11 17.7 -1.1	
LZH			PP	PP	03 12 15.0 -4.7	
LZH			PCP	PcP	03 13 44.5 +1.6	
LZH			S	S	03 16 18.0 +4.6	
LZH			PCS	PcS	03 17 29.0 +0.5	
LZH			SS	SS	03 18 20.5 -2.1	
LZH			AMB	AMB		
LZH	comp=Z,16nm,1.0s,mb4.8		AMB	AMB		
LZH	comp=Z,90nm,5.0s		LR	LR		
LZH	comp=E,527nm,12.4s		LR	LR		
LZH	comp=Z,826nm,14.5s		LR	LR		
ASAR	Alice Springs	33.95 167	P	P	03 11 09.2 -0.3	
ASAR	comp=Z,15nm,0.7s,mb5.0,baz=345,slow=6.8,SNR=167	P	P			
ASAR	comp=Z,5.0nm,0.9s,baz=7.4,slow=8.5,SNR=3.1	pP	pP	03 11 33.8 -1.6		
ASAR	comp=Z,5.2nm,0.7s,baz=342,slow=2.7,SNR=1.1	PcP	PcP	03 13 47.5 +0.8		
ASAR	comp=Z,1.9nm,0.9s,baz=353,slow=2.2,SNR=4.7	S	S	03 16 23.1 -2.9		
CN2	Changchun	34.10 359	eS	P	03 11 09.9 -0.7	
CN2			P	P	03 16 33.9 +6.1	
CN2			AMB	AMB		
MDJ	comp=Z,10.0nm,0.6s,mb4.8	Mudanjiang	35.05	5	P	03 11 18.8 0.0
MDJ			PP	PP	03 12 38.5 -2.2	
MDJ			S	S	03 16 48.8 +6.3	
MDJ			PCS	PcS	03 17 37.2 +2.2	
MDJ			AMB	AMB		
MDJ	comp=Z,29nm,1.4s,mb4.9		AMB	AMB		
MDJ	comp=Z,29nm,4.2s		AMB	AMB		
MDJ	Mudanjiang	35.05	5	P	03 11 20.0 +1.2	
CTA	Charters Tower	35.63 146	eP	P	03 11 25.1 +1.0	
CTA	comp=Z,24nm,1.1s,mb5.0		ePcP	PcP	03 13 51.8 +1.5	
CTA			e	P	03 11 25.1 +1.0	
CTA			e	P	03 13 51.8	
CTA	comp=Z,24nm,1.1s		pmax	pmax		
CTAO	Charters Tower	35.63 146	eP	P	03 11 24.7 +0.6	
CTAO			pmax	pmax		
CTAO	comp=Z,64nm,1.2s,mb5.4		eP	P	03 11 24.7 +0.6	
SHL	Shillong	35.99 301	eP	P	03 11 27.0 -0.1	
GTA	Gaotai	37.75 326	eP	P	03 11 41.9 0.0	
GTA			PP	PP	03 13 12.5 +2.1	
GTA			PCP	PcP	03 15 57.8 +1.4	
GTA			S	S	03 17 31.1 +7.3	
GTA			SS	SS	03 20 09.6 -4.8	
GTA			AMB	AMB		
GTA	comp=Z,10.0nm,1.2s,mb4.5		AMB	AMB		
GTA	comp=Z,105nm,5.3s		AMB	AMB		
GTA	comp=N,114nm,18.3s		LR	LR		
GTA	comp=E,134nm,16.7s		LR	LR		
GTA	comp=Z,124nm,19.0s		LR	LR		
LSA	Lhasa	38.15 307	P	P	03 11 47.0 +1.7	
LSA	Lhasa	38.15 307	eP	P	03 11 46.4 +1.1	
LSA			pmax	pmax		
LSA	comp=Z,40nm,0.6s,mb5.4		Lhasa	38.15 307	eP	03 11 46.4 +1.1
HABR	Khabarovsk	39.52 10	eP	P	03 11 54.9 -1.6	
HABR			e	P	03 12 13.4	
HABR			e	P	03 13 25.7	
HABR			e	P	03 14 01.3	
HABR			eS	S	03 17 53.1 +3.0	
HABR			e	P	03 20 49.4	
HABR			e	P	03 21 57.8	
KLR	Kul'dur	39.83 6	eP	P	03 11 55.1 -3.9	
KLR			pmax	pmax		
HIA	Hailar	39.90 354	eP	P	03 11 58.5 -1.1	
YS	Yuzh-Sakhalins	39.91 18	P	P	03 11 58.9 -0.8	
FORT	Forrest	40.18 177	eP	P	03 12 02.3 +0.2	
FORT			P	P		
FORT	comp=Z,179nm,0.5s,mb6.2		ePcP	PcP	03 14 04.8 +0.6	
BOK	Bokaro	40.71 295	eP	P	03 12 07.7 +1.0	
BOK			AMB	AMB	03 12 09.2	
ULN	Ulaanbaatar	41.35 341	eP	P	03 12 10.8 -0.8	
JIRN	Jiri	41.48 301	eP	P	03 12 13.7 +0.7	
SOMI	Songino Array	41.55 340	P	P	03 12 12.8 -0.3	
SOMI			PP	PP	03 12 38.9 -0.8	
SOMI			P	P	03 14 08.5	
SOMI	Songino Array	41.55 340	P	P	03 12 12.8 -0.3	
SOMI			pP	pP	03 12 38.9 -0.8	
SOMI			PcP	PcP	03 14 08.5 +0.2	
SOMI			ScP	ScP	03 17 48.8 -0.8	
SOMI	Songino Array	41.55 340	P	P	03 12 12.8 -0.3	
SOMI			pP	pP	03 12 38.9 -0.8	
SOMI			P	P	03 14 08.5 +0.2	
SOMI	comp=Z,1.9nm,0.7s,baz=154,slow=7.3,SNR=3.5		PcP	PcP	03 14 08.5 +0.2	
SOMI	comp=Z,4.8nm,0.8s,baz=156,slow=3.0,SNR=9.5		ScP	ScP	03 17 48.8 +0.8	
SOMI			ScP	ScP		
SOMI	comp=Z,0.8nm,0.8s,baz=151,slow=3.3,SNR=4.7		Kellerberrin	41.67 190	eP	03 12 13.6 -0.8
KLBR	Kellerberrin	41.67 190	eP	P		
GUN	Gumba	41.82 301	eP	P	03 12 16.2 +0.5	
GUN			P	P		
GUN	comp=Z,152nm,0.4s,mb6.0					

VIS	Vishakhapatnam	42.09 286	eP	P	03 12 18.6 +0.6	
VIS			AMB	AMB	03 12 21.6	
PKI	Pulchoki	42.12 301	eP	P	03 12 18.0 -0.1	
PKI	Daman	42.39 301	eP	P	03 12 17.9 -0.3	
PKI	Phulchoki	42.13 301	eP	P	03 12 19.8 +0.3	
PKI	Kakani	42.29 301	eP	P	03 12 19.8 +0.3	
MUN	Mundaring	42.35 192	eP	P	03 12 17.4 -2.4	
DMN	Daman	42.39 301	eP	P	03 12 20.4 +0.1	
EIDS	Eidsvold	42.51 145	eP	P	03 12 21.1 -0.2	
GKN	Gorkha	42.90 301	eP	P	03 12 24.1 -0.3	
NWAO	Narrogin (SRO)	43.07 191	eP	P	03 12 25.7 +0.1	
KOLN	Koldanda	43.71 300	eP	P	03 12 31.2 +0.2	
DANN	Dangsing	43.74 301	eP	P	03 12 31.2 +0.1	
BLSP	Bilasapur	43.77 292	eP	P	03 12 32.2 +0.7	
BLSP			AMB	AMB	03 12 33.0	
STKA	Stephens Creek	43.86 161	PP	P	03 12 32.6 +0.6	
STKA	comp=Z,60nm,0.8s,mb5.0		ePcP	PcP	03 14 17.2 +0.8	
STKA	Stephens Creek	43.86 161	P	P	03 12 32.6 +0.6	
STKA	comp=Z,1.3nm,0.3s,mb5.2,baz=339,slow=7.8,SNR=79		PcP	PcP	03 14 16.6 +0.2	
STKA	comp=Z,5.3nm,0.5s,baz=359,slow=2.4,SNR=2.9		P	P	03 12 40.7 +1.1	
PALK	Pallekele	44.76 271	eP	P	03 12 40.7 +1.1	
ZAK	Zakamensk	44.78 340	eP	P	03 12 35.7 -3.4	
ZAK			pmax	pmax	03 14 19.1	
ZAK	comp=Z,1.0nm,0.9s		pmax	pmax		
NGP	Ngapur	46.47 290	eP	P	03 12 53.4 +0.5	
NGP			AMB	AMB	03 12 55.2	
HYB	Hyderabad	46.61 285	eP	P	03 12 55.0 +1.0	
HYB			pmax	pmax		
HYB	comp=Z,50nm,1.0s,mb5.2					
HYB	Hyderabad	46.61 285	iP	P	03 12 55.0 +1.0	
HYB			P	P		
MOY	Moinda	46.63 339	eP	P	03 12 53.3 -0.5	
ARMA	Armidale	46.82 149	eP	P	03 12 56.6 +1.2	
WMQ	Urumqi	47.55 323	P	P	03 13 02.0 +1.0	
WMQ			PP	PP	03 14 53.0 -0.4	
WMQ			S	S	03 19 54.0 +6.7	
WMQ			SS	SS	03 23 16.0 -0.8	
WMQ	comp=Z,38nm,1.0s,mb5.2		AMB	AMB		
WMQ	comp=Z,124nm,5.0s		LR	LR		
WMQ	comp=N,124nm,14.0s		LR	LR		
WMQ	comp=E,102nm,14.0s		LR	LR		
WMQ	comp=Z,815nm,14.0s		LR	LR		
KOD	Kodaikanal	47.70 275	eP	P	03 13 02.9 +0.4	
KOD			AMB	AMB	03 13 05.1	
BHPL	Bhopal	48.24 293	eP	P	03 13 06.0 -0.6	
BHPL			AMB	AMB	03 13 08.2	
AKL	Akola	48.31 289	eP	P	03 13 08.5 +1.3	
AKL			AMB	AMB	03 13 09.4	
TRD	Trivandrum	48.33 273	eP	P	03 13 06.0 -1.4	
TRD			AMB	AMB	03 13 09.6	
LATR	Latur	48.56 286	eP	P	03 13 09.7 +0.5	
LATR			AMB	AMB	03 13 11.2	
BOD	Bodaibo	49.00 352	eP	P	03 13 11.3 -0.5	
BOD			pmax	pmax		
RIV	Riverview	49.38 152	eP	P	03 13 17.4 +2.3	
NDI	New Delhi	49.39 300	eP	P	03 13 13.8 -1.5	
NDI			eP	P	03 13 14.0	
NDI			AMB	AMB	03 13 14.6	
CNB	Cambrai Magne	49.85 155	eP	P	03 13 20.4 +1.9	
CNB	comp=Z,73nm,0.5s,mb5.9					
CNB	Petrovavlovsk	50.74 25	eP	P	03 13 23.8 -1.2	
CNB			pmax	pmax		
POO	Poona	51.14 286	eP	P	03 13 28.1 -0.6	
POO			AMB	AMB	03 13 30.2	
AJM	Ajmer	51.22 296	eP	P	03 13 29.1 0.0	
AJM			AMB	AMB	03 13 31.3	
THN	Thein Dam	51.53 304	eP	P	03 13 29.8 -1.6	
MK31	Makanchi Array	52.37 323	eP	P	03 13 37.3 0.0	
MKAR	Makanchi Array	52.37 323	eP	P	03 13 37.1 -0.2	
MKAR			PP	PP	03 14 46.6 -1.2	
MKAR	Makanchi Array	52.37 323	P	P	03 13 37.1 -0.1	
MKAR	comp=Z,29nm,0.6s,mb5.5,baz=124,slow=8.1,SNR=433		pP	pP	03 14 03.7 -1.2	
MKAR	comp=Z,3.9nm,0.7s,baz=132,slow=6.6,SNR=2.2		PcP	PcP	03 14 46.6 -0.2	
MKAR	comp=Z,1.1nm,0.7s,baz=114,slow=4.0,SNR=10		LR	LR	03 36 45.7	
MKAR	comp=Z,52nm,18.9s,baz=354,slow=37		LR	LR		
YAK	Yakutsk	52.43	2	eP	P	03 13 37.0 -0.4
YAK			e	P	03 14 01.0 -4.1	
YAK			e	P	03 14 50.3	
YAK			e	P	03 15 37.1	
YAK			ePcP	PcP	03 16 39.9	
YAK			eS	S	03 20 52.3 -2.1	
YAK			e	P	03 23 10.8	
YAK			eS	SS	03 24 36.2 +2.4	
YAK			pmax	pmax		
YAK	comp=Z,55nm,0.8s,mb5.6		pmax	pmax		
YAK	comp=N,30nm,1.2s		pmax	pmax		







Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NAY, BATI, BSH, MHL, KIV, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NB2, NOA, NORSAR, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like INK, EGAK, DAWY, etc.

IDC 07 06:10:36.5, 6.2, 5.6, 2027S, 17013E, h0km, mb3.7/2, mb1 4.0/2, mb1mx3.7/12, mbtmp3.7/2, Error ellipse: s-maj=224.3km s-min=53.1km az=148.0, Vanuatu Islands

CSEW 07 06:29:53.2, 0.3, 3912N, 4230E, h5km, MD3.0, Error ellipse: s-maj=8.5km s-min=6.2km az=14.0, ISK 07 06:29:53.8, 3907N, 4232E, h9km, MD3.0, ISCBJ 07 06:29:55.3, 1.0, 3918N, 4233E, 0.04, h2km, gkm, Error ellipse: s-maj=5.7km s-min=4.9km az=38.0, DDA 07 06:29:57.0, 3918N, 4238E, h7km, 3km, Md2.9, ISK 07 06:29:56.7, 0.8, 3920N, 003, 4235E, 0.04, h16km, 7km, n16, c1923/25, Turkey

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AGRB, HANUR, etc.

IDC 07 06:42:04.7, 2.3, 1812S, 17892W, h0km, mb4.2/4, mb1 4.4/4, mb1mx4.0/14, mbtmp4.2/4, Error ellipse: s-maj=153.1km s-min=28.7km az=150.0, Fiji Islands region

MOS 07 06:59:59.8, 0.5, 5422N, 16046E, h8km, mb4.2/1, Error ellipse: s-maj=33.3km s-min=11.4km az=69.7, KRSC 07 06:59:59.6, 0.6, 5423N, 16046E, h5km, 5km, ML4.1, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KII, KRY, MKZ, etc.



















7d 11h

2007 MAY

Table with columns for station name, frequency, power, and signal strength. Includes stations like KTGM, SALM, IPM, GOA, JOW, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like WBK, Wadi Bani Khal, WBK, Davo City (W), DAV, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like KIV, Kislovodsk, KIV, KIV, KIV, etc.



7d 11h

2007 MAY

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ABH Alteburg, BFO Black Forest, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ORIF Oris-en-Rattie, FRF La Foret Royal, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like PMR Palmer, SLKM Skilak Lake, etc.

ELUO	comp=Z,7.2nm,0.6s,mb4.8	80.05	308	P	P	12 11 57.3	-0.1
ELUO					pmax		
ELUO	comp=Z,47nm,0.9s,mb5.4	80.05	308	P	P	12 11 57.3	-0.2
ELOJ	Sierra Loja	80.19	307	P	P	12 11 57.4	-0.8
ELOB	comp=Z,1.6nm,0.5s,mb4.2	80.20	313	P	P	12 11 58.3	+0.1
PCAB	Cabrill	80.27	313	eP	P	12 11 59.5	+0.0
MTE	Manteigas	80.68	312	eP	P	12 12 01.9	+1.1
MTE							
MTE	Manteigas	80.68	312	eP	pP	12 12 05.6	+0.7
PVIS	Viseu	80.73	312	eP	P	12 12 01.9	+0.9
PCBR	Castelo Branco	80.94	311	eP	P	12 12 02.7	+0.5
LSZ	Lusaka	81.19	246	LR	PFAKE LR	12 12 20.0	+1.6
LSZ	comp=Z,233nm,22.0s,MS4.5	81.19	246	P	P	12 12 03.5	-0.2
LSZ	Lusaka	81.19	246	P	P	12 12 03.5	-0.2
SIT	Sitka	81.23	26	LR	PFAKE LR	12 12 10.0	+6.6
EBAD	Badajoz	81.23	310	P	P	12 12 03.8	0.0
EJIF	Jimena Fronter	81.45	307	P	pmax	12 12 04.4	-0.6
EJIF					pmax		
EJIF	Jimena Fronter	81.45	307	P	P	12 12 04.4	-0.6
ESPR	Espera	81.49	308	P	P	12 12 04.5	-0.6
EMIN	Mina Concepcio	81.55	309	P	P	12 12 05.6	+0.1
PESTR	Estremoz	81.55	310	eP	P	12 12 06.2	+0.8
PBAR	Barrancos	81.57	310	eP	P	12 12 05.7	+0.1
EVO	Evara	82.01	310	eP	P	12 12 08.1	+0.2
EVO					eMLR		
EVO	comp=Z,572nm,20.5s,MS4.6	82.01	310	eP	P	12 12 07.8	-0.1
DLBC	Deasse Lake	82.09	237	eP	P	12 12 08.7	+0.8
CNB	Canberra Magne	82.15	140	eP	P	12 12 08.2	-0.2
PBEJ	Beja	82.20	310	eP	P	12 12 09.7	+0.8
EGRO	El Granado	82.22	309	P	P	12 12 08.1	-0.9
PVAO	Vaqueiros	82.44	309	eP	P	12 12 10.2	0.0
PBDV	Barranco-do-Ve	82.67	309	eP	P	12 12 11.9	+0.5
WRAK	Wrangell Islan	82.81	25	eP	P	12 12 12.5	+0.8
WRAK					LR LR		
YKA	Yellowknife Ar	82.95	14	P	pmax	12 12 11.3	-1.0
YKA					pmax		
YKA	Yellowknife Ar	82.95	14	P	P	12 12 11.3	-1.0
TAU	Tasmania Unive	86.76	146	PFAKE LR	LR	12 12 40.0	+8.4
FUNA	Funafuti	87.17	102	PFAKE LR	LR	12 12 40.0	+5.7
LBTB	Lobatse	88.82	240	PFAKE LR	LR	12 12 50.0	+8.1
FCC	Fort Churchill	89.70	6	eP	pmax	12 12 44.5	-1.0
FCC					pmax		
FCC	comp=Z,61nm,1.2s,mb5.8	89.70	6	eP	P	12 12 44.5	-1.0
BOSA	Boshof	91.15	237	P	LR	12 12 51.7	-1.0
BOSA	Boshof	91.15	237	P	LR	12 50 49.2	
BOSA	comp=Z,11nm,0.8s,mb5.3,baz=70,slow=3.2,SNR=17	91.15	237	P	LR	12 50 49.2	
EDM	Edmonton	91.58	18	eP	P	12 12 53.9	-0.4
TSUM	Tsumber	91.77	249	PFAKE LR	LR	12 13 10.0	+1.4
PGC	Sidney	92.27	26	eP	P	12 12 58.5	+0.8
VDB	Vedder Mountai	92.46	25	P	P	12 12 58.5	0.0
A05A	Maple Falls	92.49	25	UP	P	12 12 58.9	+0.2
A04A	Legoe Bay, Lum	92.49	25	UP	P	12 12 59.4	+0.7
O0BC	Olympics-Boni	92.54	27	P	P	12 13 00.3	+1.3
A06A	Chilliwack	92.62	25	UP	P	12 12 59.0	-0.3
FFC	Flin Flon	92.62	11	P	P	12 12 58.2	-1.0
FFC	comp=Z,124nm,1.2s,mb5.2,SNR=7.5	92.62	11	P	P	12 12 58.3	-0.9
FFC					pmax		
FFC	comp=Z,48nm,1.5s,mb5.7	92.62	11	eP	MLR	12 12 58.2	-0.9
FFC					MLR		
FFC	comp=Z,557nm,20.0s,MS5.0	92.62	11	eP	LR	12 12 58.2	-0.9
MBW	Mount Baker	92.73	25	P	P	12 13 00.1	+0.3
B04A	Port Angeles	92.74	26	UP	P	12 13 00.8	+0.9
CMW	Cultus Mountai	92.95	25	P	P	12 13 01.7	+0.8
A07A	Ashnola River,	93.05	24	P	P	12 13 02.2	+1.0
B05A	Bryant	93.10	25	P	P	12 13 02.0	+0.5
B06A	Marblemount	93.11	25	UP	P	12 13 01.6	0.0
NLWA	Neilton Lookou	93.15	27	eP	P	12 13 02.0	+0.2
NLWA					LR LR		
NLWA	comp=Z,793nm,19.0s,MS5.2	93.15	27	eP	P	12 13 03.1	+1.3
SCHO	Schefferville	93.16	351	P	P	12 13 00.7	-1.0
SCHO	comp=Z,18nm,1.1s,mb5.4,baz=36,slow=5.3,SNR=11	93.16	351	P	LR	12 56 58.6	
JCW	Jim Creek	93.22	25	P	P	12 13 02.7	+0.7
CMLA	Chad da Macela	93.22	318	PFAKE LR	LR	12 13 10.0	+7.7
C04A	Brinon	93.23	26	P	P	12 13 03.6	+1.5
D03A	Wishkah Elem.	93.42	27	UP	P	12 13 04.5	+1.5
A08A	Turner Farm, O	93.51	23	P	P	12 13 04.2	+0.8
B07A	Winthrop	93.64	24	P	P	12 13 04.5	+0.5
C05A	Toll Reservoir	93.72	25	UP	P	12 13 04.8	+0.4
A09A	Danville	93.72	23	P	P	12 13 05.3	+0.9
RMW	Rattlesnake Mo	93.88	26	P	P	12 13 06.1	+1.0
E03A	Leban	93.97	27	UP	P	12 13 06.1	+0.5
B08A	Colville Reser	94.00	24	UP	P	12 13 05.9	+0.3
D05A	Enumclaw	94.04	26	UP	P	12 13 06.6	+0.8
A10A	Northport	94.06	22	UP	P	12 13 06.4	+0.5
E04A	Onalaska	94.26	27	UP	P	12 13 07.4	+0.5
C07A	Waterville	94.32	25	P	P	12 13 07.1	0.0
B09A	Rice	94.53	23	P	P	12 13 08.1	+0.9

FMW	Mount Fremont	94.37	26	P	P	12 13 07.7	+0.3
D06A	Cle Elum	94.45	25	UP	P	12 13 07.6	-0.1
A11A	Hall Mountain,	94.46	22	UP	P	12 13 08.6	+0.9
F03A	Seaside	94.48	28	UP	P	12 13 08.4	+0.5
TBM	Table Mountain	94.56	25	P	P	12 13 09.1	+0.8
C08A	Higginbotham F	94.59	24	UP	P	12 13 08.4	0.0
ERK	Elk Rock	94.64	27	P	P	12 13 09.5	+0.8
E05A	Randle	94.65	26	UP	P	12 13 08.8	+0.1
A12A	Yaak River Ran	94.71	21	UP	P	12 13 09.2	+0.4
D07A	Quincy	94.77	25	UP	P	12 13 09.3	+0.1
EBG	Ellensburg	94.80	25	P	P	12 13 10.4	+1.0
NEW	Newport	94.83	23	eP	pmax	12 13 09.5	+0.1
NEW	comp=Z,25nm,1.2s				MLR		
NEW	comp=Z,866nm,21.0s	94.83	23	eP	MLR	12 13 09.4	0.0
NEW	comp=Z,25nm,1.2s,mb5.5				LR LR		
C09A	comp=Z,866nm,21.0s,MS5.2	94.84	23	UP	P	12 13 09.8	+0.2
B11A	Sandpoint	94.92	22	UP	P	12 13 10.5	+0.6
F04A	Amboy	94.92	27	UP	P	12 13 10.2	+0.2
MTMW	Mount Mitchell	94.92	27	UP	P	12 13 10.7	+0.7
E06A	Yakima	94.95	26	P	P	12 13 10.7	+0.6
OD2	Odessa Site #2	95.05	24	P	P	12 13 10.9	+0.4
A13A	Flethead Natio	95.09	21	UP	P	12 13 10.7	+0.1
G03A	Yamhill	95.10	28	UP	P	12 13 11.5	+0.7
B12A	Libby	95.14	22	UP	P	12 13 11.5	+0.6
MXC	Moxie City	95.18	25	P	P	12 13 12.2	+1.1
D08A	Wollman Farm,	95.26	24	UP	P	12 13 11.8	+0.3
F05A	White Salmon	95.33	26	UP	P	12 13 12.3	+0.5
E07A	Sunnyside	95.35	25	UP	P	12 13 12.3	+0.5
D09A	Jones Farm, Ri	95.47	24	UP	P	12 13 12.6	+0.2
G04A	Mulino	95.50	27	UP	P	12 13 13.2	+0.6
B13A	Whitfish	95.57	21	P	P	12 13 13.3	+0.5
HAWA	Hanford	95.61	25	eP	LR LR	12 13 13.8	+0.7
H03A	comp=Z,765nm,21.0s,MS5.2	95.62	28	UP	P	12 13 13.5	+0.3
F06A	Goldendale	95.68	26	UP	P	12 13 14.0	+0.6
COR	Corvallis	95.69	28	PFAKE LR	LR	12 13 20.0	+6.5
E08A	Dider Farm, El	95.70	25	UP	P	12 13 13.5	+0.1
F07A	Phiny Hill Vi	95.89	25	UP	P	12 13 14.9	+0.6
G05A	Wamic	95.92	27	UP	P	12 13 15.3	+0.8
I02A	Mapleton	95.95	29	UP	P	12 13 15.1	+0.4
E09A	Wood Farm, Sta	96.00	24	UP	P	12 13 14.5	-0.3
H04A	Detroit Lake	96.05	27	UP	P	12 13 15.2	+0.1
D10A	Klaveano Farm,	96.15	23	P	P	12 13 15.6	+0.1
C13A	Hot Springs	96.15	21	P	P	12 13 16.0	+0.5
G06A	Carlson Farm,	96.19	26	UP	P	12 13 16.4	+0.7
I03A	Eugene	96.20	28	UP	P	12 13 16.5	+0.7
C14A	Swan Lake	96.33	21	UP	P	12 13 16.5	+0.2
E10A	Myers Farm, Un	96.38	23	UP	P	12 13 16.4	-0.2
F08A	Penetron	96.39	25	UP	P	12 13 17.1	+0.4
SUR	Sutherland	96.43	236	PFAKE LR	LR	12 13 30.0	+1.3
H05A	comp=Z,1um,20.0s,MS5.4	96.46	27	UP	P	12 13 17.4	+0.4
D12A	Red Ives Fores	96.46	22	UP	P	12 13 16.6	-0.3
G07A	Ruggs Ranch, H	96.52	26	UP	P	12 13 17.8	+0.6
I04A	Tendick Farm,	96.70	28	UP	P	12 13 18.1	0.0
D13A	Huson	96.71	22	UP	P	12 13 17.8	-0.2
H06A	Lindquist Farm	96.73	26	UP	P	12 13 18.4	+0.3
G08A	Pilot Rock	96.76	25	UP	P	12 13 18.5	+0.1
F10A	Beach Ranch, E	96.78	24	UP	P	12 13 18.6	+0.1
E11A	Bogner Ranch,	96.80	23	P	P	12 13 18.5	0.0
VIPM	Ingram Point	96.81	27	UP	P	12 13 19.2	+0.6
J03A	Ideyld Park	96.83	29	UP	P	12 13 19.4	+0.8
I05A	Bend	96.85	27	UP	P	12 13 19.3	+0.5
D14A	Greenough	97.02	21	UP	P	12 13 19.2	-0.2
MSO	Missoula	97.11	21	eP	LR LR	12 13 19.9	0.0
K02A	Glendale	97.11	29	UP	P	12 13 19.8	-0.1
G09A	Cove	97.20	24	UP	P	12 13 20.2	-0.1
DBIC	Dimbokro	97.21	282	P	P	12 13 20.5	-0.4
DBIC						12 17 14.0	
DBIC	Dimbokro	97.21	282	P	P	12 13 20.5	-0.5
DBIC	comp=Z,6.4nm,1.0s,mb5.0,baz=31,slow=7.0,SNR=4.7				PP	12 17 14.0	-3.2
DBIC	comp=Z,5.2nm,0.9s,baz=31,slow=10,SNR=3.6				LR LR	13 01 03.7	
F11A	comp=Z,653nm,19.2s,MS5.1	97.22	23	UP	P	12 13 20.2	-0.2
EGMT	Eagleton	97.24	18	eP	P	12 13 19.7	-0.7
EGMT	comp=Z,22nm,1.1s,mb5.5				LR LR		
EGMT	comp=Z,784nm,20.0s,MS5.2	97.24	18	UP	P	12 13 20.0	-0.4
CHMT	Chamberlain Mo	97.24	21	eP	P	12 13 20.3	-0.2
J04A	Umqua Nationa	97.29	28	UP	P	12 13 21.4	+0.6
D15A	Lincoln	97.35	20	UP	P	12 13 20.6	-0.4
E13A	Victor	97.38	22	UP	P	12 13 20.4	-0.6
G10A	Bishop Farm, J	97.42	24	UP	P	12 13 20.9	-0.4
I06A	Prineville	97.47	27	UP	P	12 13 22.0	+0.6
HUMO	Hull Mountain	97.47	29	PFAKE LR	LR	12 13 30.0	+8.4
HUMO					LR LR		
HUMO	comp=Z,522nm,22.0s,MS5.0	97.47	29	UP	P	12 13 22.2	+0.6
H08A	Prairie City	97.53	25	UP	P	12 13 22.4	+0.6
L02A	Cave Junction	97.57	30	UP	P		

7d 12h

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 7d 12h band.

2007 MAY

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 2007 MAY band.

242

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 242 band.

CSEM 07 12:10:36.5, 3972N-2346E, h3km, ML2.6, After THE

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution for CSEM stations.

MOS 07 12:32:34.6, 1.3, 1367N-9068W, h33km, mb4.8/11, Error ellipse: s-maj=17.6km s-min=6.4km az=114.5

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the MOS band.

ISC 07 12:32:41.6, 0.4, 1379N-044-9056W-004, h75km, 4km, h59km, p-P, n304, e088/300, mb4.5/39, 49G-66D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution for ISC stations near Guatemala.



TXAR	comp-Z,38nm,0.7s	19.66 324 P	Pn	12 37 05.8 -0.9
TXAR	comp-Z,0.9nm,0.3s,baz=148,slow=10,SNR=26		pP	12 37 18.3 -1.5
TXAR	comp-Z,0.9nm,0.3s,baz=152,slow=11,SNR=4.6		PcP	12 41 21.1 -0.1
SDV	comp-Z,0.2nm,0.3s,baz=137,slow=3.2,SNR=5.7		eP	12 37 08.6 -1.2
SDV	Santo Domingo	20.13 102 eP	P	12 37 07.5 -2.3
GOGA	comp-Z,1.7nm,0.3s,baz=296,slow=3.3,SNR=14		eP	12 37 15.6 +1.2
OXF	comp-Z,1.7nm,0.3s,baz=296,slow=3.3,SNR=14		eP	12 37 15.7 +0.4
OXF	comp-Z,53nm,0.9s	20.66 3 eP	Pmax	12 37 15.7 +0.5
MIAR	comp-Z,53nm,0.9s	20.84 353 eP	Pmax	12 37 17.0 -0.3
MIAR	comp-Z,20nm,0.8s	20.84 353 eP	Pmax	12 37 17.0 -0.3
UALR	comp-Z,20nm,0.8s	20.95 356 eP	P	12 37 18.5 0.0
UALR	comp-Z,6.5nm,0.7s		eP	12 37 31.6
PLAL	Pickwick Lake	21.22 6 eP	P	12 37 21.9 +0.7
PLAL	comp-Z,6.1nm,1.7s,mb4.7		eP	12 37 34.4
SWET	Sewanee	21.74 10 eP	P	12 37 26.4 -0.4
WMOK	Wichita Moun	22.14 342 eP	P	12 37 30.2 -0.9
CPCT	Cooper Cave	22.24 13 eP	P	12 37 32.3 +0.1
GDLE	Guadalupe Moun	22.25 328 eP	P	12 37 31.7 -0.7
WVT	Waverly	22.38 6 eP	P	12 37 34.1 +0.5
AMTX	Amarillo	22.38 336 eP	P	12 37 34.1 +0.5
TZTN	Tazewell	23.51 14 eP	P	12 37 44.3 -0.6
SIUC	comp-Z,1.9nm,0.8s,mb4.5	23.86 3 eP	P	12 37 47.9 -0.1
SIUC	comp-Z,2.7nm,0.8s,mb4.6		eP	12 38 03.5
CCM	Cathedral Cave	24.17 359 eP	P	12 37 51.5 +0.6
LPM	Los Pinos Moun	25.09 327 eP	P	12 38 00.1 +0.9
ANMO	Albuquerque	25.49 328 eP	P	12 38 02.5 -0.5
ANMO	Albuquerque	25.49 328 eP	P	12 38 03.5 +0.5
ACSO	Alum Creek Sta	27.17 13 eP	P	12 38 17.6 -0.3
ACSO	Alum Creek Sta	27.17 13 eP	P	12 38 33.2 -2.3
MVCO	Mesa Verde	28.29 329 eP	P	12 38 29.5 +1.5
WUAZ	Wupatki	28.62 323 eP	P	12 38 30.2 -0.7
ECSD	EROS,Sioux Fal	30.29 351 eP	P	12 38 44.6 -1.0
CCUT	Cedar City	31.18 323 eP	P	12 38 54.8 +1.3
CCUT	Cedar City	31.18 323 eP	P	12 39 08.9 -2.4
MSRV	Marysvale	31.19 326 eP	P	12 38 54.5 +0.8
ARUT	Antelope Range	31.38 324 eP	P	12 38 56.9 +1.5
ARUT	Antelope Range	31.38 324 eP	P	12 39 10.9 -2.2
SHRP	Sheep Range	31.57 320 eP	P	12 38 56.4 -0.6
GSC	Goldstone	31.89 317 eP	P	12 38 56.9 -3.0
GSC	comp-Z,9.0nm,0.9s,mb4.5		Pmax	12 38 56.9 -3.1
GSC	Goldstone	31.89 317 eP	P	12 38 56.9 -3.1
DAU	Daniels Canyon	32.12 330 eP	P	12 39 01.4 -0.4
DAU	Daniels Canyon	32.12 330 eP	P	12 39 14.7 -4.9
NLU	North Lily Min	32.19 328 eP	P	12 39 02.4 0.0
NLU	North Lily Min	32.19 328 eP	P	12 39 13.2 -7.0
TPNV	Topopah Spring	32.52 320 eP	P	12 39 06.1 +0.7
TPNV	Topopah Spring	32.52 320 eP	P	12 41 51.6
TPNV	comp-Z,24nm,1.1s,mb4.9		Pmax	12 39 06.1 +0.6
TPNV	Topopah Spring	32.52 320 eP	P	12 39 06.1 +0.6
CTU	Camp Tracy	32.58 329 eP	P	12 41 51.6 +0.9
CTU	Camp Tracy	32.58 329 eP	P	12 39 05.3 -0.6
CTU	comp-Z,13nm,1.0s,mb4.7		eP	12 39 18.8 -4.8
DUG	Dugway	32.75 328 eP	P	12 39 08.9 +1.6
DUG	Dugway	32.75 328 eP	P	12 41 51.5
DUG	comp-Z,10.0nm,0.9s,mb4.7		Pmax	12 39 08.9 +1.5
DUG	Dugway	32.75 328 eP	P	12 39 08.9 +1.5
DUG	comp-Z,9.9nm,0.9s,mb4.6		eP	12 41 51.5 +0.3
HWUT	Hardware Ranch	33.19 331 eP	P	12 39 11.2 +0.1
HWUT	Hardware Ranch	33.19 331 eP	P	12 39 25.1 -3.8
HWUT	Hardware Ranch	33.19 331 eP	P	12 41 52.6 +0.2
BW06	Boulder Array	33.20 334 eP	P	12 39 28.9 -0.1
BW06	Big Grassy Moun	33.40 338 eP	P	12 39 13.3 +0.3
EGU	Elgin	33.40 338 eP	P	12 39 23.8 -7.0
LONY	Lake Ozonia	33.61 21 eP	P	12 39 15.5 +0.7
LONY	Lake Ozonia	33.61 21 eP	P	12 39 30.4 -2.1
HVU	Hansel Valley	33.91 330 eP	P	12 39 17.7 +0.3
HVU	Hansel Valley	33.91 330 eP	P	12 39 30.3 -4.9
N13A	Wendover, West	33.96 327 eP	P	12 39 18.4 +0.5
M14A	Sheep Mountain	33.99 329 eP	P	12 39 19.2 +1.1
S08C	White Mtn Res	34.08 319 eP	P	12 39 19.5 +0.6
S08C	White Mtn Res	34.08 319 eP	P	12 39 15.8 -3.2
SMCM	Simmler	34.08 314 eP	P	12 39 15.8 -3.2
RCTC	Reactor, Farmer	34.09 316 eP	P	12 39 18.6 -0.5
HELL	Mitchell Peak	34.16 317 eP	P	12 39 18.5 -1.1
HELL	Mitchell Peak	34.16 317 eP	P	12 39 20.2 0.0
REDW	Red Top Meadow	34.24 333 eP	P	12 39 20.2 0.0
REDW	Red Top Meadow	34.24 333 eP	P	12 39 34.8 -3.4
O11A	Cowboy Ranch,	34.24 325 eP	P	12 39 21.3 +1.0
O11A	Cowboy Ranch,	34.24 325 eP	P	12 39 21.3 +1.0
SNOW	Snow King Moun	34.28 333 eP	P	12 39 20.7 +0.1
SNOW	Snow King Moun	34.28 333 eP	P	12 39 40.5 -1.7
M13A	Montello	34.30 328 eP	P	12 39 21.8 +1.0
LOHW	Long Hollow	34.34 334 eP	P	12 39 21.2 +0.1
LOHW	Long Hollow	34.34 334 eP	P	12 39 39.0 +1.0
P10A	Eureka	34.36 323 eP	P	12 39 22.0 +0.7
P10A	Eureka	34.36 323 eP	P	12 39 22.2 +0.7
TPAW	Teton Pass	34.39 333 eP	P	12 39 22.7 +1.0
N12A	Clover Valley,	34.40 326 eP	P	12 39 22.7 +1.0
MOOW	Moose Ponds	34.51 334 eP	P	12 39 23.3 -0.2
AGMN	Agassiz Refuge	34.68 354 eP	P	12 39 22.9 -1.1
IMW	Indian Meadow	34.71 334 eP	P	12 39 24.5 +0.2
IMW	Indian Meadow	34.71 334 eP	P	12 39 40.5 -1.7
IMW	Indian Meadow	34.71 334 eP	P	12 41 56.5 -0.2
NVAR	Mina Array Bea	34.72 320 eP	P	12 39 25.9 +1.4
NVAR	Mina Array Bea	34.72 320 eP	P	12 39 39.5 -2.9
NVAR	Mina Array Bea	34.72 320 eP	P	12 41 57.3 +0.5
NVAR	Mina Array Bea	34.72 320 eP	P	12 45 35.2 +3.5
NVAR	Mina Array Bea	34.72 320 eP	P	12 39 25.9 +1.4
NVAR	comp-Z,1.9nm,0.6s,mb5.1,baz=128,slow=9.3,SNR=132		eP	12 39 39.5 -2.9
NVAR	comp-Z,10nm,0.6s,baz=125,slow=9.0,SNR=9.6		P	12 41 57.3 +0.5
NVAR	comp-Z,2.6nm,0.8s,baz=104,slow=4.2,SNR=6.1		P	12 42 12.8
NVAR	comp-Z,2.8nm,0.7s,baz=115,slow=4.4,SNR=6.0		P	12 45 39.2 +3.5
M12A	Wells	34.73 327 eP	P	12 39 25.3 +0.8
Q08A	Gabbs	34.75 321 eP	P	12 39 26.1 +1.4
PKD	Parkfield	34.78 315 eP	P	12 39 22.0 -3.1
T06C	Millerton Lake	34.80 317 eP	P	12 39 23.5 -1.7
R07C	Lee Vining	34.98 319 eP	P	12 39 27.9 +1.2
O09A	Fish Creek Ran	35.15 323 eP	P	12 39 29.5 +1.4
U04C	Hernandez Rese	35.17 315 eP	P	12 39 27.2 -1.1
M11A	Holland Ranch,	35.21 326 eP	P	12 39 29.6 +0.9
L12A	House Creek Ra	35.31 328 eP	P	12 39 29.6 +0.2
S05C	Merced	35.40 317 eP	P	12 39 29.3 -1.0
WAKR	Walker	35.48 319 eP	P	12 39 31.7 +0.7

R06C	Coleville	35.50 319 eP	P	12 39 33.3 +2.2
K12A	Draper Farm, C	35.60 329 eP	P	12 39 32.3 +0.3
M10A	Ill. Ranch, Tu	35.68 326 eP	P	12 39 33.9 +1.2
L11A	Cat Creek Ran	35.71 327 eP	P	12 39 33.3 +0.4
HAST	Hastings Reser	35.71 315 eP	P	12 39 31.7 -1.4
N09A	Rock Creek Ran	35.78 324 eP	P	12 39 34.1 +0.5
J13A	Cove Ranch, Pi	35.80 330 eP	P	12 39 33.5 -0.1
CMB	Columbia Colle	35.82 318 eP	P	12 39 32.9 -1.0
CMB	Columbia Colle	35.82 318 eP	P	12 39 32.9 -1.0
CMB	comp-Z,6.0nm,0.8s,mb4.6		eP	12 39 32.9 -1.0
CMB	Columbia Colle	35.82 318 eP	P	12 39 33.3 -0.6
PACP	Pacheco Peak	35.85 316 eP	P	12 39 32.5 -1.7
L10A	Juniper Basin	36.03 326 eP	P	12 39 35.5 -0.1
HLID	Hailey	36.04 330 eP	P	12 39 36.2 +0.4
N08A	GE Springer Mi	36.09 323 eP	P	12 39 36.3 +0.1
M09A	Marrel Ranch,	36.12 325 eP	P	12 39 36.5 +0.1
O07A	Toulon	36.13 322 eP	P	12 39 37.0 +0.4
S04C	Ingram Cany-5	36.15 316 eP	P	12 39 36.0 -0.7
J12A	Stokes Ranch,	36.15 329 eP	P	12 39 36.5 -0.2
WCN	Washoe City	36.15 320 eP	P	12 39 36.4 -0.3
PAHR	Pah Rah Range	36.16 321 eP	P	12 39 37.8 +1.0
I13A	Wildhorse Cree	36.16 331 eP	P	12 39 37.5 +0.7
K11A	Parker Ranch,	36.28 328 eP	P	12 39 37.8 0.0
G15A	Dillon	36.39 334 eP	P	12 39 39.8 +1.1
BOZ	Bozeman (W)	36.41 335 eP	P	12 39 38.8 0.0
BOZ	comp-Z,1.0nm,0.7s,mb3.9		Pmax	12 39 38.8 0.0
BOZ	Bozeman (W)	36.41 335 eP	P	12 39 38.8 0.0
BOZ	Bozeman (W)	36.41 335 eP	P	12 39 39.1 +0.2
LAVA	Lava Cap Winer	36.45 319 eP	P	12 39 38.7 -0.7
WENL	Wente Brothers	36.50 316 eP	P	12 39 38.8 -0.9
N07B	Gerlach	36.58 323 eP	P	12 39 40.6 +0.3
DLMT	Dillon	36.59 334 eP	P	12 39 40.9 +0.5
DLMT	comp-Z,2.1nm,0.6s,mb4.2		eP	12 39 56.5 -1.9
ULM	Lac du Bonnet	36.62 354 eP	P	12 39 38.2 -2.3
ULM	Lac du Bonnet	36.62 354 eP	P	12 39 53.6 -4.9
ULM	Lac du Bonnet	36.62 354 eP	P	12 39 38.2 -2.3
ULM	comp-Z,3.2nm,0.5s,mb4.5,baz=171,slow=10,SNR=6.7		eP	12 39 53.6 -4.9
MFID	Camas Ranch	36.63 329 eP	P	12 39 41.0 +0.2
L09A	Wilkinson Ranc	36.64 325 eP	P	12 39 41.4 +0.6
M08A	Happy Creek Ra	36.66 324 eP	P	12 39 41.4 +0.3
P05C	Yuba Gap, Truc	36.68 319 eP	P	12 39 42.5 +1.2
O06A	Flanigan	36.71 321 eP	P	12 39 42.2 +0.7
H13A	Challis	36.72 331 eP	P	12 39 42.0 +0.6
K10A	MacKenzie Ranc	36.73 327 eP	P	12 39 41.6 0.0
BEKR	Beckworth	36.86 320 eP	P	12 39 43.5 +0.8
G14A	Jackson	36.88 333 eP	P	12 39 42.8 0.0
LRM	Limekiln Ridge	36.90 334 eP	P	12 39 43.5 +0.5
LRM	Limekiln Ridge	36.90 334 eP	P	12 40 02.1 +1.2
F15A	Butte	36.93 334 eP	P	12 39 43.5 +0.3
H12A	Diamond D Ranc	36.99 331 eP	P	12 39 44.6 +0.8
I11A	Placerville	37.06 329 eP	P	12 39 45.0 +0.6
N06A	Buffalo Meadow	37.07 322 eP	P	12 39 44.6 +0.1
M07A	Soldier Meadow	37.08 323 eP	P	12 39 45.0 +0.4
G13A	Cobalt	37.11 332 eP	P	12 39 44.9 +0.1
K09A	Rome	37.13 326 eP	P	12 39 46.1 +1.1
L08A	Fields	37.13 325 eP	P	12 39 45.5 +0.5
LPAZ	La Paz	37.21 143 eP	P	12 39 45.4 -0.5
LPAZ	comp-Z,1.6nm,0.7s,mb4.1,baz=342,slow=11,SNR=7.1		eP	12 39 59.7 -4.3
Q03C	comp-Z,2.0nm,0.8s,baz=322,slow=10,SNR=4.1		P	12 39 45.9 +0.1
Q03C	Winters	37.21 317 eP	P	12 39 45.9 +0.1
OHCN	Honcut	37.26 319 eP	P	12 39 47.1 +1.0
O05C	Quincy	37.26 320 eP	P	12 39 45.3 -0.8
HRV	Holler Researc	37.36 336 eP	P	12 40 01.0 -3.9
ORV	Oroville	37.39 319 eP	P	12 39 48.3 +1.0
WVOR	Wild Horse Val	37.45 325 eP	P	12 39 47.9 +0.2
WVOR	Wild Horse Val	37.45 325 eP	P	12 42 05.8
WVOR	comp-Z,7.0nm,0.9s,mb4.6		Pmax	12 39 47.9 +0.2
WVOR	Wild Horse Val	37.45 325 eP	P	12 39 47.9 +0.2
WVOR	comp-Z,6.6nm,0.9s,mb4.5		eP	12 42 05.8 +0.9
O04C	Chester	37.58 320 eP	P	12 39 49.0 +0.1
L07A	Adeli	37.58 324 eP	P	12 39 49.7 +0.9
J09A	Fry Pan Ranch,	37.59 329 eP	P	12 39 49.5 +0.6
I10A	Payette	37.61 329 eP	P	12 39 49.3 +0.3
H11A	Donnelly	37.66 330 eP	P	12 39 49.4 0.0
EGMT	Eagleton	37.67 339 eP	P	12 39 49.1 -0.4
EGMT	Eagleton	37.67 339 eP	P	12 39 49.2 -0.3
F13A	Darby	37.69 333 eP	P	12 39 49.4 -0.2
M06C	Likely Place G	37.73 322 eP	P	12 39 50.6 +0.4
E14A	Clinton	37.81 334 eP	P	12 39 50.7 +0.1
D15A	Lincoln	37.90 335 eP	P	12 39 51.7 +0.2
H10A	Notches Angus R	37.94 329 eP	P	12 39 51.4 -0.4
K07A	Rock Creek Ran	37.96 325 eP	P	12 39 52.9 +0.8
J08A	Circle Bar Ran	37.98 326 eP	P	12 39 52.5 +0.3
LBCM	Butte Creek Ri	38.04 321 eP	P	12 39 53.3 +0.5
MOD	Modoc	38.06 323 eP	P	12 39 53.5 +0.6
MOD	Modoc	38.06 323 eP		













Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Karatay Array, Uchtor, Erkin-Say, Ala-Archa, etc.

ISCJB 07 16:14:19.71.3, 4.008N, 0.005E, 346E.01, h8km, 8km, Error ellipse: s-maj=14.0km s-min=7.2km az=25.0

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

NNC 07 16:14:49.9.3.5, 4.297N, 7647E, h11km, 18km, mb3.5, mpv3.1, Error ellipse: s-maj=62.1km s-min=6.2km az=161.0

ISCJB 07 16:14:50.1.0.7, 4.285N, 0.005E, 7659E.006, h22km, 7km, Error ellipse: s-maj=9.9km s-min=4.9km az=138.7

KNET 07 16:14:50.0.8, 4.281N, 7644E, h11km, 5km, ml2.9, Error ellipse: s-maj=7.3km s-min=2.5km az=81.0

ISC 07 16:14:50.2.0.7, 4.284N, 0.04E, 7652E.005, h9km, 6km, n17, o=861/24, 15C-14D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like KNDC, ULHL, TKM2, KBK, CHMS, AAK, USP, UCH, KK31, KURBB, KURK, VOSK, BVAO, ZRNK, etc.

NEIC 07 16:39:55.5.2.8, 6.67S, 13141E, h73km, 30km, mb4.0/2, Error ellipse: s-maj=34.9km s-min=19.7km az=73.0

ISCJB 07 16:39:59.2.0.7, 1.15S, 0.1X, 13122E.008, h145km, 22km, mb3.8/5, Error ellipse: s-maj=17.3km s-min=11.6km az=22.5

ISC 07 16:40:00.2.7.3, 7.10S, 13126E, h128km, 75km, mb3.6/3,

mb1 4.1/7, mb1mx3.8/13, mbtmp3.9/7, Error ellipse: s-maj=58.6km s-min=27.0km az=43.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like KAKA, KAKA, BATI, FITZ, FITZ, FITZ, FITZ, WRAB, WRAB, WRA, WRA, WB2, WB2, ASAR, ASAR, MBWA, MBWA, KKM, KKM, SONM, SONM, AAK, AAK, ZALV, ZALV, KURK, KURK, etc.

ISC 07 17:16:01.0.3.3, 2.30N, 9657E, h0km, mb3.9/5, mb1 3.9/5, mb1mx3.6/18, mbtmp3.9/5, Error ellipse: s-maj=137.7km s-min=21.4km az=59.0

ISCJB 07 17:16:03.8.0.9, 2.30N, 0.1E, 965E.01, h33km, mb3.9/5, Error ellipse: s-maj=17.8km s-min=13.9km az=44.9

NEIC 07 17:16:04.2.0.8, 2.14N, 9629E, h30km, Error ellipse: s-maj=19.9km s-min=9.8km az=55.0

ISC 07 17:16:05.1.1.2, 1.21N, 0.1E, 963E.02, h35km, n11, o=64/31, mb3.9/5, Northern Sumatra

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like TSI, KULM, LSA, WRA, WRAB, WRAB, AAK, AAK, MK31, MK31, MKAR, MKAR, SONM, SONM, ZAAO, ZAAO, ZALV, ZALV, etc.

ISCJB 07 17:52:29.9.0.5, 3.028N, 0.006E, 1392E.02, h45km, 10km, mb3.5/10, Error ellipse: s-maj=24.6km s-min=8.0km az=166.8

JMA 07 17:52:29.9.0.2, 3.033N, 13936E, h47km, M3.6, NEIC 07 17:52:30.7.1.4, 3.011N, 13853E, h410km, 32km, mb3.2/1, Error ellipse: s-maj=82.2km s-min=14.9km az=69.0

ISC 07 17:52:30.3.1.1, 3.011N, 13866E, h408km, 33km, mb2.5/5, mb1 2.7/8, mb1mx2.7/20, mbtmp2.7/8, Error ellipse: s-maj=80.4km s-min=10.4km az=69.0

ISC 07 17:52:31.0.0.5, 3.030N, 0.006E, 1393E.02, h47km, 10km, n29, o=107/36, mb3.5/10, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like JHU2, JHU2, JHU, JHU, CBJ, CBJ, CBJ, BSO1, BSO1, BSO3, BSO3, JIE, JIE, JOD2, JOD2, JNY, JNY, JHU, JHU, JRY, JRY, JYT, JYT, JAG, JAG, MJAR, MJAR, MAJO, MAJO, JHO, JHO, JJK, JJK, SONM, SONM, SONM, SONM, JIRN, JIRN, GUN, GUN, MKAR, MKAR, GKN, GKN, DANN, DANN, KURK, KURK, WRA, WRA, ASAR, ASAR, AKASG, AKASG, etc.

ISC 07 18:17:57.0.39.0, 2908S, 17604W, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.6/10, mbtmp3.6/3, MS4.1/2, MS1 4.1/2, mb1mx3.2/18, Error ellipse: s-maj=731.0km s-min=171.1km az=96.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like STKA, STKA, ASAR, ASAR, WRA, WRA, RPN, RPN, USHA, USHA, etc.

ISC 07 18:33:46.7.8.8, 1407S, 16691E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.8/13, mbtmp3.8/4, Error ellipse: s-maj=240.5km s-min=42.8km az=126.0, Vanuatu Islands

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

ISC 07 18:40:50.0.5.5, 3621N, 7105E, h70km, 46km, mb3.8/9, mb1 4.0/3, mb1mx3.8/24, mbtmp3.9/13, ML4, 1/4, Error ellipse: s-maj=37.0km s-min=17.7km az=28.0

MOS 07 18:40:52.6.1.1, 3638N, 7092E, h102km, mb4.4/5, Error ellipse: s-maj=13.6km s-min=6.7km az=88.8

ISCJB 07 18:40:53.2.0.5, 3640N, 0.002E, 7110E.005, h113km, 6km, mb4.1/16, Error ellipse: s-maj=57.2km s-min=3.4km az=167.2

NEIC 07 18:40:55.0.8, 3645N, 7100E, h106km, 8km, mb4.3/8, Error ellipse: s-maj=9.8km s-min=8.0km az=99.0

BUJ 07 18:40:54.4, 3665N, 7091E, h101km, mb4.8, mb4.0, NNC 07 18:41:04.1.6.5, 37.14N, 7087E, h194km, 54km, mb3.2, mp4.6, Error ellipse: s-maj=57.2km s-min=3.2km az=23.0

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like KBL, KBL, CHCP, CHCP, THW, THW, KSH, KSH, KSH, THN, THN, THN, DLH, DLH, AML, AML, AML, AML, UCH, UCH, UCH, UCH, KZA, KZA, EKS2, EKS2, EKS2, EKS2, BHK, BHK, BHK, BHK, KK31, KK31, AAK, AAK, AAK, AAK, SDNR, SDNR, SDNR, SDNR, KBK, KBK, KBK, KBK, FRU, FRU, FRU, FRU, ULHL, ULHL, CHMS, CHMS, USP, USP, TKM2, TKM2, TKM2, TKM2, TKM2, TKM2, KLP, KLP, KLP, KLP, JOSI, JOSI, JOSI, JOSI, KHET, KHET, KHET, KHET, KHET, KHET, NDI, NDI, NDI, NDI, KUDL, KUDL, KUDL, KUDL, SONA, SONA, SONA, SONA, SONA, SONA, PTH, PTH, PTH, PTH, AJJM, AJJM, AJJM, AJJM, LGTI, LGTI, LGTI, LGTI, MK31, MK31, MK31, MK31, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, DANN, DANN, DANN, DANN, KOLN, KOLN, KOLN, KOLN, DMN, DMN, DMN, DMN, PKN, PKN, PKN, PKN, PKI, PKI, PKI, PKI, GUN, GUN, GUN, GUN, KURBB, KURBB, KURBB, KURBB, etc.

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region

ISC 07 18:40:54.5.0.4, 3639N, 0.002E, 7110E.005, h111km, 5km, n97, o=122/118, mb4.1/16, 9C-7D, Afghanistan-Tajikistan border region



NP1: 276.00000°; 833.00000°; λ-68.00000°. NP2: 66.90000°; 860.00000°; λ-104.00000°. Principal axes: T 3.6150, P14.0000°, Azm169.0000°, N 0.8070, P12.0000°, Azm76.0000°; P -4.4100, P1g71.0000°. Azm308.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to mantle waves, cutoff=125s.

SZGRF 07 20:32:33.3, 2162S, 17799W, h571km, Fiji Islands region  
 IDC 07 20:32:33.0, 0.5, 2123S, 17866W, h552km, 5km, mb4.8/22, mb1.4/74, mb1mx4.7/24, mb1mp4.8/24, Error ellipse: s-maj=8.3km s-min=7.6km az=7.0

BGS 07 20:32:34.5, 2162S, 17862W, h550km, mb5.2(NEIC)  
 ISC 07 20:32:32.9, 0.1, 2123S, 17864W, 0.03, h550km, h550km, 1.3km; p-P, n1171, d0s71/689, mb5.2/133, 267C-198D, Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
RAO	Raoul Island	7.97	175	eP	S	S	20 34 29.1	-1.1
RAO	Raoul Island	7.97	175	eS	S	S	20 36 07.6	+1.2
RAO	Raoul Island	7.97	175	P	P	P	20 34 30.0	-0.2
RAO	386nm, 0.3s, baz=90, slow=20, SNR=13			S	S	S	20 36 05.8	-0.6
FUNA	Funafuti	12.85	300	iP	P	P	20 35 16.7	-3.6
WCZ	Waipua Caves	15.85	201	eP	P	P	20 35 53.1	+2.2
WCZ	Waipua Caves	15.85	201	PN	P	P	20 35 53.1	+2.2
KUZ	Kuatoitu	16.18	196	eP	P	P	20 35 55.3	+1.4
KUZ	Kuatoitu	16.18	196	PN	P	P	20 35 54.9	+1.0
MXZ	Matakaoa Point	16.45	189	eP	P	P	20 35 55.1	-1.2
MXZ	Matakaoa Point	16.45	189	PN	P	P	20 35 55.2	-1.2
WTAZ	Waiaatarua	16.68	199	eP	P	P	20 36 00.9	+2.4
WTAZ	Waiaatarua	16.68	199	PN	P	P	20 36 00.9	+2.4
PUZ	Puketiti	16.95	188	eP	P	P	20 36 01.8	+0.8
PUZ	Puketiti	16.95	188	PN	P	P	20 36 00.9	-0.1
MWZ	Matawai	17.32	190	eP	P	P	20 36 03.4	-0.9
MWZ	Matawai	17.32	190	PN	P	P	20 36 03.4	-0.9
URZ	Ureweira	17.32	191	eP	P	P	20 36 02.4	-1.9
URZ	Ureweira	17.32	191	PN	P	P	20 36 03.1	-1.3
URZ	38nm, 0.3s, baz=22, slow=6.2, SNR=78			S	S	S	20 38 52.4	-4.3
URZ	2.7nm, 0.3s, baz=225, slow=20, SNR=6.4			S	S	S	20 36 01.8	-2.5
URZ	Ureweira	17.32	191	PN	P	P	20 36 01.8	-2.5
RAR	Rarotonga	17.59	93	eP	P	P	20 36 06.1	-0.9
RAR	2.9nm, 0.3s, baz=243, slow=7.8, SNR=15			S	S	S	20 36 06.1	-0.9
KNZ	Kokohu	17.97	189	eP	P	P	20 36 10.3	0.0
KNZ	Kokohu	17.97	189	PN	P	P	20 36 09.8	-0.4
HAUI	Hauti	18.07	197	eP	P	P	20 36 13.2	+2.0
HIZ	Hauti	18.07	197	PN	P	P	20 36 13.1	0.9
BKZ	Black Stump Fm	18.32	192	eP	P	P	20 36 11.9	-1.5
BKZ	Black Stump Fm	18.32	192	PN	P	P	20 36 11.6	-1.8
OTVZ	Oturere	18.49	194	eP	P	P	20 36 14.1	-0.9
OTVZ	Oturere	18.49	194	PN	P	P	20 36 14.1	-0.9
FWWZ	Far West T-bar	18.60	194	eP	P	P	20 36 15.6	-0.4
FWWZ	Far West T-bar	18.60	194	PN	P	P	20 36 15.5	-0.5
WNVZ	Wahianoa	18.66	194	eP	P	P	20 36 16.0	-0.6
WNVZ	Wahianoa	18.66	194	PN	P	P	20 36 16.0	-0.6
MOVZ	Moawhango	18.70	194	eP	P	P	20 36 15.6	-1.4
MOVZ	Moawhango	18.70	194	PN	P	P	20 36 15.6	-1.4
PYZ	Pawarua	18.80	191	eP	P	P	20 36 20.1	-0.4
PYZ	Pawarua	18.80	191	PN	P	P	20 36 20.1	-0.4
BFZ	Birch Farm	19.83	192	eP	P	P	20 36 26.3	-0.9
BFZ	Birch Farm	19.83	192	PN	P	P	20 36 26.3	-0.9
MRZ	Mangatainoka R	19.94	193	eP	P	P	20 36 27.9	-0.3
MRZ	Mangatainoka R	19.94	193	ePN	P	P	20 36 27.9	-0.3
KIW	Kapiti Island	20.28	194	eP	P	P	20 36 30.4	-0.9
KIW	Kapiti Island	20.28	194	PN	P	P	20 36 30.1	-1.2
MTW	Mount Morrison	20.44	193	eP	P	P	20 36 31.9	-0.8
MTW	Mount Morrison	20.44	193	PN	P	P	20 36 31.7	-0.9
CAW	Cannon Point	20.48	194	eP	P	P	20 36 32.3	-0.8
CAW	Cannon Point	20.48	194	PN	P	P	20 36 32.1	-1.0
MRW	Makara Radio	20.68	194	eP	P	P	20 36 34.7	-0.2
MRW	Makara Radio	20.68	194	PN	P	P	20 36 34.6	-0.2
SNZO	South Karori	20.75	194	eP	P	P	20 36 35.3	-0.2
SNZO	South Karori	20.75	194	PN	P	P	20 36 35.0	-0.5
TCW	Tory Channel	20.77	195	eP	P	P	20 36 35.3	-0.3
TCW	Tory Channel	20.77	195	PN	P	P	20 36 35.3	-0.3
PLWZ	Palisades	20.89	199	eP	P	P	20 36 37.6	-0.9
QRZ	Quartz Range	20.89	199	eP	P	P	20 36 37.6	-0.9
QRZ	Quartz Range	20.89	199	PN	P	P	20 36 37.3	-0.6
NNZ	Nelson	21.00	197	eP	P	P	20 36 37.9	+0.1
NNZ	Nelson	21.00	197	PN	P	P	20 36 37.9	+0.1
TUWZ	Tuamatarua	21.05	196	eP	P	P	20 36 37.2	-1.1
TUWZ	Tuamatarua	21.05	196	PN	P	P	20 36 37.2	-1.1
BSWZ	Blackbirch Sta	21.34	196	eP	P	P	20 36 40.9	+0.1
BSWZ	Blackbirch Sta	21.34	196	PN	P	P	20 36 40.9	+0.1
THZ	Topohouse	21.64	197	eP	P	P	20 36 43.9	+0.4
THZ	Topohouse	21.64	197	PN	P	P	20 36 43.1	-0.4
DSZ	Denniston Nort	21.95	199	eP	P	P	20 36 46.6	+0.3
DSZ	Denniston Nort	21.95	199	PN	P	P	20 36 46.6	+0.3
KHZ	Kahutara	22.08	196	eP	P	P	20 36 46.1	-0.8
KHZ	Kahutara	22.08	196	PN	P	P	20 36 46.9	-0.6
LTZ	Lake Taylor	22.76	198	eP	P	P	20 36 51.9	-1.6
LTZ	Lake Taylor	22.76	198	PN	P	P	20 36 51.9	-1.6
WVZ	Waikanae Valley	23.49	200	eP	P	P	20 36 59.9	-0.1
WVZ	Waikanae Valley	23.49	200	PN	P	P	20 36 59.8	-0.2
HNR	Honiara	23.74	296	eP	P	P	20 37 00.9	-1.7
HNR	Honiara	23.74	296	PN	P	P	20 37 00.9	-1.7
HNR	comp=Z, 193nm, 1.0s, mb5.7			S	S	S	20 37 00.9	-1.7
HNR	Honiara	23.74	296	eP	P	P	20 37 00.9	-1.7
HNR	Honiara	23.74	296	PN	P	P	20 37 02.4	-0.2
HNR	comp=Z, 130nm, 0.5s, mb5.9, baz=105, slow=3.1, SNR=8.0			S	S	S	20 40 37.5	-2.1
RPZ	Rata Peaks	23.97	199	eP	P	P	20 37 03.2	-1.0
RPZ	Rata Peaks	23.97	199	PN	P	P	20 37 03.0	-0.5
RPZ	comp=Z, 15nm, 0.3s, baz=101, slow=13, SNR=3.1			S	S	S	20 37 03.2	-1.0
RPZ	Rata Peaks	23.97	199	eP	P	P	20 37 03.2	-1.0
RPZ	Rata Peaks	23.97	199	PN	P	P	20 37 02.9	-1.3
FOZ	Fox Glacier	24.26	201	eP	P	P	20 37 05.6	-1.3
FOZ	Fox Glacier	24.26	201	PN	P	P	20 37 05.2	-1.4
LBZ	Lake Benmore	24.84	199	eP	P	P	20 37 10.8	-1.2
LBZ	Lake Benmore	24.84	199	PN	P	P	20 37 10.3	-1.7
JCZ	Jackson Bay	25.03	202	eP	P	P	20 37 13.9	-0.3
JCZ	Jackson Bay	25.03	202	PN	P	P	20 37 13.3	-0.3
WKZ	Wanaka	25.61	201	eP	P	P	20 37 18.1	-0.6
WKZ	Wanaka	25.61	201	PN	P	P	20 37 17.8	-1.0
WHZ	Wether Hill R	26.90	201	eP	P	P	20 37 30.6	+0.5
WHZ	Wether Hill R	26.90	201	PN	P	P	20 37 30.2	+0.1
PAE	Paea	27.61	88	eP	P	P	20 37 36.1	-0.6
PAE	comp=Z, 86nm, 1.0s, mb5.3			S	S	S	20 37 36.1	-0.6
PPE	Papeete	27.63	87	eP	P	P	20 37 36.6	-0.3
PPE	comp=Z, 188nm, 1.3s			S	S	S	20 37 36.6	-0.3
PPT	Papeete	27.63	87	eP	P	P	20 37 36.6	-0.3
PPT	comp=Z, 87nm, 1.2s, mb5.3			S	S	S	20 39 02.4	
PPT	Papeete	27.63	87	eP	P	P	20 37 36.6	-0.3
PPT	comp=Z, 140nm, 1.3s			S	S	S	20 37 36.6	-0.5
EIDS	Eidsvold	28.07	256	eP	P	P	20 37 41.8	+1.1
EIDS	comp=Z, 49nm, 0.4s, mb5.5, baz=307, slow=12, SNR=5.0			S	S	S	20 37 41.8	+1.1
ARMA	Armidale	28.20	245	eP	P	P	20 37 43.0	+1.3
ARMA	Armidale	28.20	245	iS	S	S	20 41 52.8	+3.7
ARMA	Armidale	28.20	245	eSCP	P	P	20 43 30.1	+3.4
MEH	Mehetia	28.98	89	eP	P	P	20 37 48.5	-0.1
MEH	comp=Z, 50nm, 1.0s, mb5.8			S	S	S	20 37 48.5	-0.1
RIV	Riverview	29.44	238	eP	P	P	20 37 54.5	+2.0
PNOR	Pomarioire Ree	29.84	83	iP	P	P	20 37 55.4	-0.7
CNB	Canberra Magne	31.30	237	eP	P	P	20 38 10.3	+1.9
CTA	Charters Tower	32.83	266	iP	P	P	20 38 22.4	+0.8
CTA	Charters Tower	32.83	266	eP	P	P	20 38 22.4	+0.8
CTA	Charters Tower	32.83	266	iP	P	P	20 38 22.4	+0.8
CTA	Charters Tower	32.83	266	eP	P	P	20 38 22.4	+0.8
CTA	comp=Z, 149nm, 0.3s			S	S	S	20 38 22.4	+0.8
CTA	Charters Tower	32.83	266	eP	P	P	20 38 22.6	+0.9
CTA	comp=Z, 146nm, 0.3s, mb6.0, baz=93, slow=10.0, SNR=34.0			S	S	S	20 40 50.0	-0.1
CTA	Charters Tower	32.83	266	eP	P	P	20 40 50.0	-0.1
CTA	comp=Z, 12nm, 0.5s, baz=109, slow=4.4, SNR=5.3			S	S	S	20 43 01.2	+0.7
CTA	Charters Tower	32.83	266	eP	P	P	20 38 22.4	+0.8
CTA	Charters Tower	32.83	266	eP	P	P	20 38 22.4	+0.8
CTA	comp=Z, 206nm, 0.6s, mb5.8			S	S	S	20 38 22.4	+0.7
CTA	Charters Tower	32.83	266	eP	P	P	20 40 49.9	-0.2
CTA	Charters Tower	32.83	266	eP	P	P	20 38 22.4	+0.8
CTA	Charters Tower	32.83	266	eP	P	P	20 38 22.4	+0.8
CTA	Charters Tower	32.83	266	eP	P	P	20 38 22.4	+0.8
CT								



F07A	Phinny Hill Vi baz=86	85.40	37	↑P	P	20 44 12.3	0.0
N12A	Claver Valley, baz=86, SNR=13	85.44	43	↑P	P	20 44 12.3	-0.2
Z19A	T-Link Ranch, baz=86	85.52	52	↑P	P	20 44 13.9	+0.7
O09A	Lost Marbles R baz=86, SNR=15	85.53	39	P	P	20 44 13.0	0.0
I05A	Toll Reservoir baz=86, SNR=14	85.54	35	↑P	P	20 44 12.7	-0.2
KKTK	Khon Kaen	85.58	289	↑P	P	20 44 15.0	+1.2
G08A	Pilot Rock baz=86, SNR=61	85.59	38	P	P	20 44 13.0	-0.2
X18A	Snowflake baz=86	85.62	50	↑P	P	20 44 14.1	+0.4
A04A	Legoe Bay, Lum baz=86, SNR=23	85.66	33	↑P	P	20 44 13.6	+0.2
B05A	Bryan	85.69	34	P	P	20 44 13.8	+0.3
D06A	Cle Elum baz=86, SNR=8.9	85.69	35	↑P	P	20 44 13.6	0.0
L11A	Cat Creek Ranc baz=86, SNR=21	85.71	42	↑P	P	20 44 14.1	+0.3
O13A	Hicks Ranch, I baz=86	85.73	44	↑P	P	20 44 14.1	+0.1
T16A	Glen Canyon Da baz=86, SNR=11	85.75	48	↑P	P	20 44 14.5	+0.4
J10A	Berg Farm, Mel baz=86	85.80	40	↑P	P	20 44 14.1	-0.1
TTA	Tatalina	85.81	10	eP	P	20 44 13.6	-0.2
M12A	Wells baz=86, SNR=16	85.82	43	↑P	P	20 44 14.4	0.0
E07A	Sunnyside baz=86, SNR=6.5	85.84	36	↑P	P	20 44 14.5	+0.2
SYO	Syowa Base	85.84	193j	eP	P	20 44 12.0	-2.1
SYO	Syowa Base	85.84	193j	eP	P	20 44 15.0	-0.9
Y19A	Nurtoso	85.85	51	↑P	P	20 44 15.6	+0.9
K11A	Parker Ranch, baz=86, SNR=15	85.87	41	↑P	P	20 44 14.7	+0.1
PMR	Palmer	85.91	14	eP	P	20 44 13.2	-1.1
PMR	Palmer	85.91	14	eP	P	20 44 13.2	-1.1
HAWA	Hanford	85.92	37	eP	P	20 44 14.6	-0.1
HAWA	Wendover, West baz=86, SNR=5.6	85.97	43	↑P	P	20 46 12.6	-1.7
H09A	Durkee baz=86, SNR=21	85.97	39	P	P	20 44 14.9	-0.1
F08A	Pendleton baz=86, SNR=12	85.99	37	P	P	20 44 15.3	+0.2
BJT	Baijiatuau	86.02	316	eP	P	20 44 14.9	-0.5
BJT	Baijiatuau	86.02	316	eP	P	20 44 14.9	-0.5
BJT	Beijing	86.03	316	eP	P	20 44 15.5	+0.1
BJI				S	AMB	20 54 10.8	+7.1
BJI				S	AMB		
X19A	St. Johns baz=86	86.05	51	↑P	P	20 44 16.0	+0.3
MSU	Marysvalle	86.07	46	eP	P	20 44 16.2	+0.5
C06A	Tall Timber Ra baz=86	86.11	35	↑P	P	20 44 16.4	+1.2
I10A	Payette baz=86, SNR=9.0	86.15	40	↑P	P	20 44 16.4	+0.5
A05A	Maple Falls baz=86	86.15	33	↑P	P	20 44 15.4	-0.4
L12A	House Creek Ra baz=86, SNR=12	86.16	42	P	P	20 44 16.4	+0.5
D07A	Quino baz=86, SNR=11	86.16	36	↑P	P	20 44 15.8	0.0
B06A	Marblemount baz=86, SNR=5.8	86.16	34	P	P	20 44 15.3	-0.5
E08A	Dider Farm, El baz=86	86.24	37	↑P	P	20 44 16.1	-0.2
G09A	Cove baz=86, SNR=23	86.26	38	↑P	P	20 44 16.3	-0.1
M13A	Montello baz=86, SNR=12	86.27	43	↑P	P	20 44 16.5	0.0
SML	Sawmill	86.28	14	eP	P	20 44 13.7	-2.3
DIV	Divide	86.28	15	eP	P	20 44 14.9	-1.2
BMO	Blue Mountains baz=86, SNR=1.1, 1.5, mb5.3	86.29	39	eP	P	20 44 15.9	-0.6
BMO	Camas Ranch baz=86, SNR=19	86.36	41	↑P	P	20 44 16.9	0.0
C07A	Waterville baz=86, SNR=18	86.41	35	P	P	20 44 16.7	-0.3
F09A	S2 Ranch, Elgi baz=86	86.43	38	↑P	P	20 44 17.2	0.0
H10A	Noah's Angus R baz=87, SNR=13	86.47	39	↑P	P	20 44 16.9	-0.4
X12A	Draper Farm, C baz=87, SNR=5.5	86.49	42	↑P	P	20 44 17.4	-0.1
GYA	Guiyang	86.52	300	↑P	P	20 44 16.7	-1.4
GYA				AP	P	20 46 15.8	-2.0
GYA				XP	P	20 47 09.0	-4.3
GYA				PP	P	20 47 51.6	+1.3
GYA				PPP	P	20 53 52.0	
GYA				SKS	P	20 54 08.4	-0.6
GYA				S	P	20 56 27.6	-3.0
GYA				PS	P	20 57 36.4	-5.9
GYA				XS	P		
GYA				AMB	P		
GYA				AMB	P		
DUG	Dugway	86.52	44	eP	P	20 44 17.6	-0.1
DUG				ePP	P	20 46 14.7	-2.8
DUG				pmax	P		
DUG				eP	P	20 44 17.6	-0.2
DUG				eP	P	20 44 17.3	-0.4
A06A	Chiliwack baz=87, SNR=5.7	86.52	34	↑P	P	20 44 17.2	-0.3
I11A	Placerville	86.56	40	P	P	20 44 17.9	+0.1
N14A	Grayback Hills baz=87	86.62	44	↑P	P	20 44 17.9	+0.1
G10A	Bishop Farm, J baz=87, SNR=21	86.65	38	P	P	20 44 18.0	-0.2
D08A	Wollman Farm, baz=87, SNR=1.3, mb5.3	86.65	36	P	P	20 44 18.3	+0.1
WRAK	Wrangell Islan comp=Z, 98nm, 1.0s, mb5.3	86.66	24	eP	P	20 44 18.0	0.0
J12A	Stokes Ranch, baz=87, SNR=31	86.71	41	P	P	20 44 18.2	+0.7
BGU	Big Grass Mou Wood Farm, Sta baz=87, SNR=16	86.76	44	↑P	P	20 44 18.3	-0.4
L13A	Double Diamond baz=87	86.80	42	↑P	P	20 44 19.0	0.0
B07A	Whitrop baz=87, SNR=26	86.84	35	P	P	20 44 18.7	-0.4
M14A	Sheep Mountain baz=87, SNR=19	86.86	43	P	P	20 44 19.2	-0.1
TNA	Tin City comp=Z, 39nm, 1.5s, mb4.8	86.95	4	eP	P	20 44 18.1	-1.0
TNA				eP	P	20 46 19.7	+0.7
H11A	Donnelly baz=87, SNR=49	86.96	39	↑P	P	20 44 19.8	+0.1
F10A	Beach Ranch, E baz=87, SNR=55	86.97	38	↑P	P	20 44 19.3	-0.4
SEY	Seymchan	86.99	347j	eP	P	20 44 18.7	-0.7
D09A	Jones Farm, Ri baz=87, SNR=33	87.00	37	P	P	20 44 19.6	-0.2
K13A	Stover Farm, H baz=87	87.01	42	↑P	P	20 44 20.3	+0.3
C08A	Higginbotham F baz=87, SNR=15	87.02	36	P	P	20 44 19.6	-0.3
A07A	Ashnola River, baz=87, SNR=23	87.06	34	P	P	20 44 19.9	-0.2
N15A	Stansbury Isla baz=87, SNR=5.7	87.07	44	↑P	P	20 44 20.1	-0.2

B08A	Colville Reser baz=87, SNR=33	87.20	35	↑P	P	20 44 20.1	-0.6
G11A	Walters Elk Ra baz=87, SNR=128	87.20	39	P	P	20 44 20.3	-0.5
SNA	Sanae	87.25	179	eP	P	20 44 20.2	-0.5
SNA				e	P	20 44 22.2	
SNA				e	P	20 44 32.5	
SNA				e	P	20 46 19.1	-1.5
SNA				e	P	20 46 24.4	+3.8
SNA				e	P	20 46 27.9	
SNA	Sanae	87.25	179j	eP	P	20 44 19.6	-1.1
SNA	Hailey	87.30	41	↑P	P	20 44 21.5	+0.2
E10A	Myers Farm, Un baz=88, SNR=13	87.33	37	↑P	P	20 44 20.7	-0.7
SPUT	South Promonto	87.33	44	eP	P	20 44 21.7	+0.1
TIY	Taiyuan	87.35	312	iP	P	20 44 22.7	+1.0
TIY				S	P	20 54 12.9	-3.4
TIY				XS	P	20 57 47.7	-2.5
TIY				AMB	P		
J13A	Cove Ranch, Pi baz=88, SNR=28	87.36	41	↑P	P	20 44 22.0	+0.4
M15A	Larsen Ranch, baz=88, SNR=13	87.42	43	P	P	20 44 21.4	-0.5
C09A	Chrisman Ranch baz=88, SNR=6.8	87.45	36	↑P	P	20 44 21.7	-0.2
CTU	Camp Tracy	87.47	44	eP	P	20 44 22.4	+0.2
K14A	Jones Ranch, D baz=88, SNR=9.2	87.52	42	P	P	20 44 22.4	0.0
F11A	Grangeville baz=88, SNR=20	87.54	38	P	P	20 44 21.1	-1.3
D10A	Wagner Farm, O baz=88, SNR=26	87.57	37	↑P	P	20 44 21.9	-0.6
H12A	Diamond D Ranc baz=88, SNR=60	87.57	40	↑P	P	20 44 22.4	-0.1
A08A	Turner Farm, O baz=88, SNR=38	87.59	35	↑P	P	20 44 22.3	-0.2
LAZ	Ladron	87.60	52	eP	P	20 44 22.9	0.0
LAZ				eP	P	20 46 24.6	+1.5
LENM	Lemitar	87.61	52	eP	P	20 44 23.0	0.0
LENM	Jordanelle	87.62	45	eP	P	20 44 23.0	-2.1
H13A	Wildhorse Cree baz=88, SNR=32	87.67	41	↑P	P	20 44 23.2	+0.2
MNTX	Cornudas Mount comp=Z, 42nm, 1.1s, mb5.1	87.68	55	eP	P	20 44 23.4	0.0
MNTX				eP	P	20 46 23.3	-0.3
NST	Nakhon Sawan comp=Z, 60nm, 0.8s, mb5.4	87.70	288	P	P	20 44 21.0	-2.8
E11A	Bogner Ranch, baz=88, SNR=17	87.78	38	↑P	P	20 44 22.3	-1.2
MCK	McKinley	87.85	13	eP	P	20 44 21.2	-2.2
MCK				pmax	P		
MCK	McKinley	87.85	13	eP	P	20 44 21.2	-2.2
MCK				pmax	P		
MCK	Barren Site	87.86	52	eP	P	20 46 22.1	-1.5
BNM				eP	P	20 44 23.4	-0.8
B09A	Rice baz=88, SNR=33	87.88	35	↑P	P	20 44 23.6	-0.3
MAIT	Maitri	87.91	183	eP	P	20 44 22.9	-0.9
SKAG	Skagway comp=Z, 274nm, 2.1s, mb5.6	87.91	21	eP	P	20 44 24.6	+0.8
LPM	Los Pinos Mou	87.93	52	eP	P	20 44 24.8	+0.3
H13A	Challis baz=88, SNR=35	87.94	40	↑P	P	20 44 24.5	+0.2
MVCO	Mesa Verde	87.95	49	eP	P	20 44 24.5	-0.1
MVCO	Mesa Verde	87.95	49	↑P	P	20 44 24.0	-0.5
A09A	Danville baz=88, SNR=21	87.97	35	P	P	20 44 24.0	-0.3
TXAR	Lajitas Array	87.97	58	P	P	20 44 24.9	+0.1
TXAR				pmax	P	20 46 25.6	+0.6
TXAR				PKKpbc	P	21 02 07.3	-0.2
C10A	Spiker Farm, baz=88	87.99	36	↑P	P	20 44 23.9	-0.5
F12A	Elk City baz=88, SNR=125	87.99	39	↑P	P	20 44 24.0	-0.5
HWUT	Hardware Ranch baz=88, SNR=9.3	88.06	44	↑P	P	20 44 24.3	-0.6
D11A	Klaveno Farm, baz=88, SNR=9.3	88.09	37	↑P	P	20 44 24.3	-0.7
XAN	Xi'an	88.13	308	P	P	20 44 25.7	+0.3
XAN				AP	P	20 46 25.6	-0.1
XAN				XP	P	20 47 17.2	-3.9
XAN				PP	P	20 48 13.9	+0.8
XAN				PPP	P	20 50 06.0	
XAN				SKS	P	20 54 01.3	
XAN				S	P	20 54 22.7	-1.0
XAN				SS	P	21 00 31.1	+1.5
XAN				AMB	P		
XAN				AMB	P		
PV10	Paradox Valley comp=Z, 308nm, 13.6s	88.13	47	eP	P	20 44 24.8	-0.5
G13A	Colab baz=88, SNR=45	88.23	40	↑P	P	20 44 25.6	-0.3
B10A	Chitwood Farm, baz=88	88.31	36	↑P	P	20 44 25.6	-0.3
PV01	Paradox Valley	88.34	48	eP	P	20 44 25.7	-0.6
NEW	Newport	88.34	36	eP	P	20 44 25.2	-0.9
NEW				pmax	P		
NEW	Newport	88.34	36	eP	P	20 44 25.2	-0.9
NEW				pmax	P		
ANMO	Albuquerque	88.35	51	eP	P	20 44 26.2	-0.2
ANMO				ePP	P	20 46 26.2	-0.6
ANMO				pmax	P		
ANMO	Albuquerque	88.35	51	eP	P	20 44 26.2	-0.2
ANMO				pmax	P		
ANMO	Nan	88.41	291	↑P	P	20 46 26.2	-0.5
ANMO				eP	P	20 44 28.5	+1.4
A10A							

7d 20h

Table with columns: YAK, YAKUTSK, 92.61 338 eP, P, 20 44 43.7 -1.7, etc. Lists various locations and their coordinates.

2007 MAY

Table with columns: JOF, Joensuu, 133.68 342 epk, 20 50 32.8, etc. Lists various locations and their coordinates.

254

Table with columns: XAL, Allendale, 146.36 41 eP, PKPdf, 20 51 10.4 +0.8, etc. Lists various locations and their coordinates.





7d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BBS Basel-Blauen, GRM Griva, LOM Lomont, etc.

NEIC 07 21:00:12.8, 3415S;7254W, h45km, MD4.0(GUC), After GUC.

GUC 07 21:00:12.8, 0.6, 3415S;7254W, h45km, 10km, MD4.0, ML3.6, 2C-1D, Near coast of central Chile

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

2007 MAY

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SFDO San Fernando, NICH Los Niches, TACH Talagante, etc.

MOS 07 21:14:00.5:3.2, 479N;15378E, h33km, mb3.9/1, Error ellipse: s-maj=56.9km s-min=21.6km az=69.7

ISCJB 07 21:14:01.3:2.1, 479N;1544E:0.3, h66km, 23km, mb3.3/6, Error ellipse: s-maj=39.7km s-min=20.0km

IDC 07 21:14:21.7:7.1, 4771N;15306E, h210km, 68km, mb3.0/6, mb1.3/2.7, mb1mx3.0/20, mbtmp3.0/7, Error ellipse: s-maj=33.9km s-min=19.9km az=109.0

ISC 07 21:14:02.3:2.1, 479N;1543E:0.3, h56km, 22km, n10, 0572/10, mb3.5/6, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, MJAR Matsushiro Arr, KRSR Korea Array, etc.

SKHL 07 21:15:50.2:0.3, 5475N;12415E, h11km, 3km, mb3.7/4, 2D, Southeastern Siberia

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

ISC 07 23:18:05.7:0.4, 5212N;15275E, h437km, mb3.5/5, Error ellipse: s-maj=22.5km s-min=14.5km az=59.8

IDC 07 23:18:08.7:9.5, 5218N;15281E, h458km, 113km, mb2.9/8, mb1.3/1.8, mb1mx3.0/19, mbtmp2.9/8, Error ellipse: s-maj=32.7km s-min=17.2km az=141.0

ISC 07 23:18:06.0:4, 522N;1528E:0.1, h428km, 8km, n32, 0598/40, mb3.7/15, 4K, Northwest of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUMO Guam, MJAR Matsushiro Arr, WJRR Warramunga Arr, etc.

IDC 07 22:50:32.6:2.3, 663S;12957E, h0km, mb3.5/1, mb1.3/6.4, mb1mx3.4/13, mbtmp3.4/4, ML3.4/3, Error ellipse: s-maj=94.1km s-min=29.5km az=76.0, Banda Sea

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

SKO 07 22:55:12.8, 4098N;2069E, h15km, M1.2, ML1.7, CSEM 07 22:55:14.2:0.2, 4102N;2075E, h10km, ML2.8, Error ellipse: s-maj=3.4km s-min=1.8km az=65.0

THE 07 22:55:14.4, 4098N;2077E, h4km, ML2.8, ISC 07 22:55:12.1, 2.3, 4096N;007.206E:0.1, h15km, 15km, n12, 0549/24, Greece-Albania border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OHR Ohrid, BIA Bitola, FNA Florina, etc.

NEIC 07 23:02:05.8, 3145S;6932W, h65km, MD3.5(GUC), After GUC. GUC 07 23:02:05.8:0.7, 3145S;6932W, h65km, 53km, MD3.5, ML3.5, 3C-3D, San Juan Province

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMCH Combarbala, JACH Jahuel, TLL Tololo Astrono, etc.

KRSC 07 23:18:03.7:2.2, 5193N;15364E, h504km, 55km, ML4.6, ISCJB 07 23:18:05.7:0.4, 5212N;1528E:0.1, h438km, 8km, mb3.7/15, Error ellipse: s-maj=17.3km s-min=10.2km az=151.4

MOS 07 23:18:05.7:0.5, 5212N;15275E, h437km, mb3.5/5, Error ellipse: s-maj=22.5km s-min=14.5km az=59.8

IDC 07 23:18:08.7:9.5, 5218N;15281E, h458km, 113km, mb2.9/8, mb1.3/1.8, mb1mx3.0/19, mbtmp2.9/8, Error ellipse: s-maj=32.7km s-min=17.2km az=141.0

ISC 07 23:18:06.0:4, 522N;1528E:0.1, h428km, 8km, n32, 0598/40, mb3.7/15, 4K, Northwest of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GNL Ganaly, RUS Ruskaya, PET Petropavlovsk, etc.

Table with columns: ARU, Arti, 50.97 315c, iP, P, 23 26 26.5 -0.1, etc. Includes stations like Gumba, Kani, Daman, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PYLOS, Ithomi, Vlachokerasia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MXZ, PUKETTI, MATAWA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ABPO, OPO, BOSHA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MAW, COCO, QSPA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LSA, KIWI, CTAO, etc.

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

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

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

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

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

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

Table with columns: LZH, comp=E,772nm,13.2s, LR, LR, etc. Includes stations like CD2, CD2, CD2, etc.

Table with columns: LZH, comp=E,772nm,13.2s, LR, LR, etc. Includes stations like ZAL, ZAL, ZAL, etc.

Table with columns: LZH, comp=E,772nm,13.2s, LR, LR, etc. Includes stations like BRVK, BRVK, BRVK, etc.

Table with columns: LZH, comp=E,772nm,13.2s, LR, LR, etc. Includes stations like MOY, MOY, MOY, etc.

Table with columns: LZH, comp=E,772nm,13.2s, LR, LR, etc. Includes stations like GYA, GYA, GYA, etc.

Table with columns: LZH, comp=E,772nm,13.2s, LR, LR, etc. Includes stations like NAN, NAN, NAN, etc.



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like LOR, SMF, AVF, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like BDRM, SKR, YSS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers. Includes stations like KUR, YAK, KRS, etc.

IDC 08 00:54:50.51.1.6, 3737N-27.04E, h0km, mb3.7/4, mb1 3.9/7, mb1mx3.7/21, mbmp3.9/7, ML4.1/3, Error ellipse: s-maj=36.5km s-min=24.0km az=22.0

ISCJB 08 01:24:34.2.0.3, 3832N-20.46E, h2km, Error ellipse: s-maj=10.2km s-min=4.6km az=156.9

IDC 08 01:55:12.9.1.1, 2798S-67.52W, h0km, mb3.5/1, mb1 3.6/2, mb1mx3.5/13, mbmp3.5/2, ML4.2/1, Error ellipse: s-maj=34.2km s-min=16.4km az=116.0





Table with columns: YKA, Yellowknife Ar, 85.66 356 P, P, 03 41 02.6 -1.0, 03 41 02.6 -1.0

CSEM 08 03:31:13.9-0.2, 3831N:2044E, h15km, ML3.6, Error ellipse: s-maj=5.2km s-min=1.9km az=65.0

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

IDC 08 03:32:21.2-1.7, 040N-12429E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.3/16, mbtmp3.4/3, Error ellipse: s-maj=189.2km s-min=24.8km az=63.0

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

NEIC 08 03:53:28.0, 1719N:10039W, h39km, MD3.6(MEX), After MEX

MEX 08 03:53:28.7-0.7, 1721N:10036W, h34km, gkm, MD3.6, Guerrero

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

MAN 08 04:03:22, 1766N:12022E, h16km, mb3.8, ML2.6, MS2.2, 1D, Luzon

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

ISCJB 08 04:05:54.8-0.8, 1124N:005:6192W:004, h68km, 11km, Error ellipse: s-maj=7.7km s-min=6.4km az=158.6

FUNV 08 04:05:54.3, 1121N:6168W, h38km, MW2.8

TRN 08 04:05:56.5, 1129N:6174W, h21km, MD2.7

NEIC 08 04:05:56.5, 1129N:6174W, h21km, MD2.7(TrN), After TRN

ISC 08 04:05:55.8-0.8, 1124N:004:6190W:004, h58km, 14km, n13, r1510/26, Windward Islands

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

CSEM 08 04:11:44.6-0.2, 3993N:4169E, h3km, 1km, MD3.2, Error ellipse: s-maj=4.0km s-min=3.3km az=131.0

ISCJB 08 04:11:45.5-1.0, 3993N:004:4168E:006, h1km, 8km, Error ellipse: s-maj=7.5km s-min=5.5km az=25.4

ISK 08 04:11:45.8, 3994N:4164E, h7km, MD3.1

DDA 08 04:11:47.5, 3993N:4156E, h8km, km, MD3.2

ISC 08 04:11:45.7-0.8, 3993N:003:4168E:005, h1km, 7km, n13, r578/20, Turkey

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

Table with columns: BTMT, Batman, 1.74 185 ePN, Pn, 04 12 18.8 -1.7, 04 12 17.7 +0.3

NEIC 08 04:18:44.2-1.2, 708S:12922E, h35km, Error ellipse: s-maj=33.9km s-min=14.2km az=69.0

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

ISCJB 08 04:30:06.7-0.4, 403N:002:2749E:002, h5km, 4km, Error ellipse: s-maj=4.0km s-min=3.0km az=15.5

CSEM 08 04:30:06.6-0.1, 4081N:2751E, h8km, MD3.3, Error ellipse: s-maj=1.6km s-min=1.1km az=13.0

ISK 08 04:30:06.6, 4082N:2751E, h8km, MD3.3

NEIC 08 04:30:06.0, 4082N:2751E, h6km, MD3.3(ISK), After ISK

ATH 08 04:30:07.9, 4079N:2735E, h19km, 7km, MD3.7/4

DDA 08 04:30:08.4, 4081N:2750E, h7km, 3km, MD3.3

SOF 08 04:30:08.6, 4085N:2715E, h20km, MD3.0

THE 08 04:30:11.6, 4087N:2715E, h12km, ML3.7

ISC 08 04:30:07.3-0.4, 4082N:002:2749E:002, h7km, 3km, n55, r096/66, 3C-2D, Turkey

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

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

KRSC 08 05:04:13.9-0.8, 5501N:16212E, h54km, 54km, ML4.0, Near east coast of Kamchatka Peninsula

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

IDC 08 05:29:04.2-1.9, 1928N:11908E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/17, mbtmp3.6/3, Error ellipse: s-maj=326.3km s-min=25.5km az=65.0, Phillipine

Table with columns: Islands region, Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s ISC

WRA Warramunga Arr 41.76 158 P, P, 05 36 54.7 -0.7, 0.5mm, 0.3s, baz=338, slow=9.2, SNR=16

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

IDC 08 05:31:15.7-1.4, 119N:9703E, h0km, mb3.9/16, mb1 3.9/9, mb1mx3.8/22, mbtmp3.8/9, ML3.2/1, MS3.0/1, Ms1 3.0/1, ms1mx2.7/27, Error ellipse: s-maj=39.8km s-min=19.2km az=52.0

ISCJB 08 05:31:19.9-5.2, 13N:02:971E:03, h45km, 38km, mb3.9/9, Error ellipse: s-maj=60.7km s-min=16.6km az=143.9

NEIC 08 05:31:20.2-0.7, 120N:9707E, h30km, mb3.7/1, Error ellipse: s-maj=19.2km s-min=10.6km az=53.0

ISC 08 05:31:21.4-5.1, 13N:02:971E:03, h38km, 39km, n13, r0545/13, mb3.9/9, Northern Sumatera

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

IDC 08 05:31:33.7-0.6, 2108S:17374W, h0km, mb5.0/15, mb1 5.1/16, mb1mx4.9/21, mbtmp5.0/16, ML5.5/2, MS4.0/16, MS1.4/0.16, ms1mx3.9/28, Error ellipse: s-maj=22.4km s-min=13.7km az=139.0

ISCJB 08 05:31:37.0-2.0, 2118S:005:17365W:004, h40km, mb5.2/60, MS4.3/27, Error ellipse: s-maj=8.1km s-min=3.9km az=146.6

MOS 08 05:31:37.6-2.0, 2115S:17369W, h33km, mb5.3/17, Error ellipse: s-maj=14.5km s-min=8.5km az=51.3

BUI 08 05:31:38.3, 2096S:17370W, h34km, mb5.4, mb5.1, Ms5.3, Ms2.8

SZGRF 08 05:31:38.6, 2167S:17356W, h41km, Tonga Islands

GCMT 08 05:31:39.4-0.3, 2125S:17305W, h12km, MW5.0/65, Moment Tensor Solution, s25:c31: s65:c87: Duration: 0. Moment tensor: Scale 10^18Nm: Mr-3.05e-11; Mw1-1.03e-11; Mw2-1.92e-10; Mw3-1.92e-09; Mw4-0.09e-38; Best double couple: Ms3.37000x10^16 Np1:28.00000, s43.00000, i-107.00000. NP2: s231.00000, s49.00000, i-74.00000. Principal axes: Azm26.00000; Azm31.00000; Azm37.00000; N-0.3650, P12.0000, Azm40.0000; P-3.1870, P1g78.0000, Azm26.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 08 05:31:39.4-0.3, 2125S:17311W, mb5.2/39, Error ellipse: s-maj=8.4km s-min=3.4km az=140.0

ORF 08 05:31:56.4, 1378S:17194W, h30km, mb5.6

ISC 08 05:31:38.4-2.6, 2119S:006:17363W:005, h32km, 18km, h39km, 9km, pP, n605, r058/481, mb5.2/60, MS4.3/27, 108C-114D, Tonga Islands

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

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

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

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

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

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

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

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













Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JACH Jahuel, JACH Combarbala, CMCH Combarbala, etc.

CSEM 08 10:09:37.4±0.1, 3996N-4169E, h5km, MD3.0, Error ellipse: s-maj=3.5km s-min=2.9km az=179.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOMI Horasan, ERZM Erzurum, etc.

ICC 08 10:18:53.0±0.3, 3399N-17885E, h0km, mb4.0/2, mb1.4/3.3, mb1mx3.9/13, mbtmp4.1/3, ML4.5/1, Error ellipse: s-maj=69.9km s-min=37.4km az=120.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ Puketiti, PUZ Matawai, etc.

BUI 08 10:40:14.7, 4081N-7923E, h12km, mb4.1, ML3.7, Error ellipse: s-maj=11.5km s-min=9.7km az=160.1

ISCBJ 08 10:40:15.8±1.2, 4076N-007.7935E-0.08, h29km±10km, mb3.7/3, Error ellipse: s-maj=7.9km s-min=9.7km az=160.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ULHL Ulahol, KSH Kashi, etc.

ISCB 08 10:40:15.5±2.7, 4074N-006.7929E-0.08, h11km±20km, n30, ±126/30, mb3.7/3, 8C-2D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AAK Ula-Archa, CHMS Chumysh, etc.

ISCBJ 08 10:51:15.2±0.8, 49N-01.622E±0.1, h10km, mb4.0/9, MS3.5/8, Error ellipse: s-maj=21.5km s-min=18.1km az=155.1

ICC 08 10:51:15.2±0.8, 485N-6222E, h0km, mb4.0/9, mb1.4/1.9, mb1mx3.9/21, mbtmp4.0/9, MS3.5/8, Ms1 3.5/8, ms1mx3.3/30, Error ellipse: s-maj=26.4km s-min=21.6km az=12.0

NEIC 08 10:51:16.7±0.7, 486N-6223E, h10km, Error ellipse: s-maj=20.2km s-min=16.1km az=159.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATD Arta Tunnel, KMBO Kilima Mboogo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JNU Nakatsue, WRA Warramunga Arr, etc.

MEX 08 11:01:17.0±1.4, 1739N-9453W, h119km±169km, ML4.2, Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OXX Oaxaca, OXH Vista Hermosa, etc.

ISCBJ 08 11:10:20.2±0.4, 1007N-003.12554E±0.05, h131km±3km, mb4.0/17, Error ellipse: s-maj=8.0km s-min=4.8km az=174.4

MAN 08 11:10:20, 1007N-125.55E, h122km, mb4.9, ML3.8, MS3.9, Error ellipse: s-maj=28.7km s-min=12.4km az=87.0

ISCB 08 11:10:21.1±0.4, 1007N-003.12555E±0.05, h126km±3km, n37, ±109/51, mb4.2/17, 2C-1D, Leyte

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

TIR 08 11:10:42.9, 3998N-2071E, h24km, MD3.9(ATH), After ATH

ISCB 08 11:10:42.9, 3998N-2071E, h24km, MD3.9(ATH), After ATH

ISCB 08 11:10:42.9, 3998N-2071E, h24km, MD3.9(ATH), After ATH

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BIA Bitola, OHR Ohrid, KRU Krusevo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KZIT Kziot, OFRI Ofir, SLTI Safit, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JYT Yasato, TOK Tokyo, JAG Ashikaga, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CSEM 08 11:14:21.5, SGS 08 11:14:21.5, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SZAC, BHL Bhanes, CSS Prodhromos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAJ Asahikawa, ERM Erimo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HRFI Mount Harif, EIL Elat, HOLLS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PHNC Paran Flat, KRMI, QASN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAJ Asahikawa, CBJI Chichi jima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HRFI Mount Harif, SALA Sala, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KOT Kottamia, EIL Elat, ERN Ernenkoy, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, HAW Hawq, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACX Acapulco, CAIG El Cayaco, MEIG Mezcala, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HTY Hatay, BTCH Batrach, TRJ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUM Guam, MA2 Magadan, YAK Yakutsk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSZ Milford Sound, WKZ Wanaka, JCK Jackson Bay, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MOS 08 12:01:33.8, IDC 08 12:01:34.9, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, etc.

NIC 08 11:43:49.0-0.3, 42333N-3331E, h36km, ML3.3, MW3.3

NIC 08 11:43:50.7-0.1, 3248N-3330E, h40km, MW3.3, Error ellipse: s-maj=2.3km s-min=1.4km az=79.0

NIC 08 11:43:50.8-0.3, 3246N-002-3339E, 003, h33km, Error ellipse: s-maj=3.4km s-min=2.6km az=174.0

KOLN	Koldanda	47.90 277 eP	P	12 10 08.0 -0.1
KDAK	Kodiak Island	48.69 41 P	P	12 10 13.9 +0.3
TKM2	Tokmak 2	49.01 299 eP	P	12 10 17.2 +0.8
TKM2	comp=Z, 8.0nm, 0.5s, mb5.0			
TKM2	Tokmak 2	49.01 299 eP	P	12 10 17.2 +0.9
TKM2	comp=Z, 8.3nm, 0.5s, mb5.0			
HNR	Honiara	49.02 153 LR	LR	12 27 34.1
KYZAR	Kyzart	49.48 298 P	P	12 10 21.7 +1.7
KBA	Karagaybulak	49.54 299 P	P	12 10 21.1 +0.6
AAK	Ala-Archa	49.87 299 iP	P	12 10 22.1 -0.8
AAK	comp=Z, 7.0nm, 1.0s, mb4.7			
AAK	Ala-Archa	49.87 299 eP	P	12 10 22.2 -0.8
AAK	Ala-Archa	49.87 299 P	P	12 10 23.1 +0.2
UCH	Uchtor	49.96 298 eP	P	12 10 25.0 +1.4
PMR	Palmer	50.18 36 eP	P	12 10 26.2 +1.2
PMR	comp=Z, 2.0nm, 0.6s, mb4.3			
PMR	Palmer	50.18 36 eP	P	12 10 26.2 +1.2
PMR	comp=Z, 1.7nm, 0.6s, mb4.2			
BVAR	Borovoye Array	50.33 313 P	P	12 10 25.5 -0.8
BVAR	comp=Z, 3.0nm, 0.5s, mb4.6, baz=80, slow=7.3, SNR=18			
BVAR	Borovoye	50.33 313 eP	P	12 11 43.8 -0.5
BRVK	Borovoye	50.38 313 eP	P	12 10 26.2 -0.5
BRVK	comp=Z, 7.0nm, 1.0s, mb4.7			
BRVK	Borovoye	50.38 313 eP	P	12 10 26.2 -0.5
BRVK	comp=Z, 7.5nm, 1.0s, mb4.7			
AML	Almayashu	50.57 298 eP	P	12 10 29.5 +1.2
AML	Almayashu	50.57 298 P	P	12 10 29.6 +1.3
COLA	College	50.60 32 eP	P	12 10 28.7 +0.6
COLA	comp=Z, 3.0nm, 0.6s, mb4.4			
COLA	College	50.60 32 eP	P	12 10 28.7 +0.6
COLA	comp=Z, 2.7nm, 0.6s, mb4.3			
KK31	Karatay Array	52.54 300 iP	P	12 10 42.4 -0.6
KK31	comp=Z, 13nm, 0.9s, mb4.9			
EGAK	Eagle	53.46 32 eP	P	12 10 51.0 +1.7
SVE	Sverdlovsk	55.07 319 eP	P	12 11 01.3 +0.1
FITZ	Fitzroy Crossi	55.49 196 eP	P	12 11 04.9 +0.3
INK	Inuvik	55.85 27 eP	P	12 11 07.3 +0.6
INK	Inuvik	55.85 27 P	P	12 11 07.3 +0.6
WRAB	Tennant Creek	55.90 186 eP	P	12 11 07.8 +0.4
WRAB	comp=Z, 4.1nm, 0.5s, mb4.7			
WB2	Warramunga Arr	55.90 186 eP	P	12 11 07.8 +0.3
WRA	Warramunga Arr	55.91 186 iP	P	12 11 06.6 -0.9
WRA	comp=Z, 4.0nm, 0.4s			
WRA	Warramunga Arr	55.91 186 P	P	12 11 06.7 -0.9
WRA	comp=Z, 4.3nm, 0.4s, mb4.2, slow=7.6, SNR=76			
ARU	Arti	56.28 319 iP	P	12 11 09.4 -0.5
ARU	eS			12 13 13.2
ARU	eS			12 18 57.6 +1.6
ARU	eSS			12 22 45.0 +2.3
ARU	comp=Z, 8.0nm, 0.6s, mb4.9			
KBL	Kabul	56.60 291 eP	P	12 11 12.3 -0.3
AKTK	Akt'yubinsk	58.41 312 P	P	12 11 23.8 -1.2
AKTO	Akt'yubinsk	58.41 312 iP	P	12 11 23.9 -1.1
AKTO	Akt'yubinsk	58.41 312 P	P	12 11 23.8 -1.2
ASAR	Alice Springs	59.63 186 P	P	12 11 33.2 -0.4
ASAR	comp=Z, 1.3nm, 0.5s, mb4.5, baz=78, slow=5.8, SNR=9.0			
RES	Resolute Bay	63.89 14 eP	P	12 10 18.0 +0.1
ARCES	ARCES Array B	64.49 339 P	P	12 12 05.5 -0.2
ARCES	comp=Z, 3.7nm, 0.7s, mb4.1, baz=59, slow=7.7, SNR=12			
YKA	Yellowknife Arr	65.31 29 P	P	12 12 10.9 -0.2
YKA	comp=Z, 1.4nm, 0.7s, mb4.1, baz=302, slow=6.8, SNR=19			
JOF	Joensuu	66.26 332 eP	P	12 12 16.1 -1.1
JOF	comp=Z, 3.0nm, 0.5s, mb4.6			
JOF	Joensuu	66.26 332 eP	P	12 12 16.1 -1.1
JOF	comp=Z, 3.0nm, 0.5s, mb4.6			
STKA	Stevens Creek	67.47 178 P	P	12 12 25.2 -0.6
STKA	comp=Z, 6.8nm, 0.8s, mb4.2, baz=298, slow=1.1, SNR=3.9			
FINES	FINES Array B	69.11 332 iP	P	12 12 35.2 -0.1
FINES	comp=Z, 5.0nm, 0.8s			
FINES	FINES Array B	69.11 332 P	P	12 12 34.5 -0.7
FINES	comp=Z, 4.5nm, 0.8s, mb4.5, baz=61, slow=9.0, SNR=12			
FINES	LR			12 42 01.9
KIV	Kislovodsk	70.61 311 P	P	12 12 46.0 +1.2
KIV	comp=Z, 3.7nm, 18.9s, MS3.6, baz=332, slow=35			12 13 08.0
KIV	comp=Z, 1.1nm, 0.9s, mb4.8			
BMO	Blue Mountains	73.54 46 eP	P	12 13 03.6 +1.4
BMO	comp=Z, 1.2nm, 2.0s, mb4.5			
AKASG	Malin Array Be	74.32 322 P	P	12 13 05.8 -0.9
AKASG	Malin Array Be	74.32 322 P	P	12 13 05.8 -0.9
AKASG	comp=Z, 1.4nm, 0.3s, mb4.3, baz=48, slow=6.2, SNR=15			
HFS	Hagfors	74.48 335 P	P	12 13 05.8 -1.7
HFS	comp=Z, 2.7nm, 0.7s, mb4.3, baz=34, slow=4.3, SNR=5.5			
NB2	NORSAR Subarra B	74.62 337 P	P	12 13 07.5 -0.8
NB2	comp=Z, 1.8nm, 0.5s, mb4.3, baz=41, slow=5.9			
NOA	NORSAR Array B	74.62 337 P	P	12 13 07.8 -0.4
NOA	comp=Z, 3.6nm, 0.8s, mb4.4, baz=40, slow=6.5, SNR=7.9			
NOA	LR			12 46 39.7
FFC	Fin Flon	75.23 32 eP	P	12 13 11.9 0.0
FFC	comp=Z, 3.2nm, 20.1s, MS3.6, baz=55, slow=36			
FFC	Fin Flon	75.23 32 eP	P	12 13 11.9 0.0
FFC	comp=Z, 4.4nm, 2.4s, mb5.0			
FFC	Fin Flon	75.23 32 eP	P	12 13 11.9 0.0
FFC	comp=Z, 4.4nm, 2.4s, mb5.0			
LRM	Limekiln Ridge	75.75 43 eP	P	12 13 16.6 +1.5
DLMT	Dillon	75.94 44 eP	P	12 13 17.9 +1.8
DLMT	comp=Z, 6.2nm, 1.0s, mb3.9, baz=47, slow=2.5, SNR=3.4			
IMW	Indian Meadow	77.77 44 eP	P	12 13 27.8 +1.3
IMW	comp=Z, 2.6nm, 0.8s, mb4.2			
KWP	Kalwaria	78.21 324 eP	P	12 13 29.2 +0.4
KWP	comp=Z, 10.0nm, 0.9s, mb4.8			
KWP	Kalwaria	78.21 324 eP	P	12 13 29.2 +0.4
KWP	comp=Z, 10.0nm, 0.9s, mb4.8			
TPNV	Topopah Spring	78.79 52 eP	P	12 13 33.6 +1.4
DUG	Dugway	78.97 48 eP	P	12 13 35.5 +0.4
DUG	comp=Z, 2.0nm, 0.7s, mb4.2			
DUG	Dugway	78.97 48 eP	P	12 13 35.5 +0.4
DUG	comp=Z, 2.1nm, 0.7s, mb4.2			
BRG	Berggiesshobel	81.27 329 eP	P	12 13 44.7 -0.7
BRG	comp=Z, 2.0nm, 0.3s, mb4.5			
BRG	Berggiesshobel	81.27 329 eP	P	12 13 44.7 -0.7
BRG	comp=Z, 2.0nm, 0.3s, mb4.5			
BRG	comp=Z, 2.2nm, 0.7s, mb4.2			
BRG	Berggiesshobel	81.27 329 eP	P	12 13 44.7 -0.6
BRG	comp=Z, 3.0nm, 0.3s, mb4.7			
BRG	comp=Z, 3.8nm, 0.7s			12 13 48.8
PV10	Paradox	82.38 48 eP	P	12 13 53.4 +1.9
GERES	GERES Array B	82.89 327 P	P	12 13 53.0 -0.9
GERES	comp=Z, 0.7nm, 0.5s, mb3.9, baz=47, slow=2.5, SNR=3.4			
EKA	Eskdalemuir Arr	83.65 340 P	P	12 13 57.3 -0.4
EKA	comp=Z, 1.3nm, 0.7s, mb4.2, baz=36, slow=4.4, SNR=3.8			
ANMO	Albuquerque	85.19 491 eP	P	12 14 10.9 +0.1
SCHO	Schefferville	86.64 15 P	P	12 14 12.9 +0.2
SCHO	comp=Z, 2.8nm, 0.9s, mb4.5, baz=15, slow=3.9, SNR=4.3			
TXAR	Lajitas Array	91.73 51 P	P	12 14 37.6 +0.5
TXAR	comp=Z, 0.9nm, 0.6s, mb4.3, baz=304, slow=2.9, SNR=15			
LPAZ	La Paz	148.29 59 ePKPKP	PKP	12 21 11.0 -1.4
LPAZ	La Paz	148.29 59 ePKPKP	PKP	12 21 11.0 -1.4
LPAZ	La Paz	148.29 59 ePKPKP	PKP	12 21 16.9 +0.8
LPAZ	La Paz	148.29 59 ePKPKP	PKP	12 21 16.9 +0.8
LPAZ	La Paz	148.29 59 ePKPKP	PKP	12 21 16.9 +1.1
LPAZ	La Paz	148.29 59 ePKPKP	PKP	12 21 16.9 +1.1
LPAZ	La Paz	148.29 59 ePKPKP	PKP	12 21 16.9 +1.1
PLCA	Paso Flores	155.77 110 PKPab	PKPab	12 21 47.9 -1.8
PLCA	comp=Z, 3.6nm, 1.2s, baz=93, slow=5.2, SNR=3.0			

<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p> <p>ASAR Alice Springs 84.32 127 P P 12 43 13.1 +1.0</p> <p>0.3nm, 0.9s, mb3.4, baz=316, slow=5.9, SNR=5.0</p>				
<p>0.1nm, 0.4s, mb3.1, baz=350, slow=5.6, SNR=6.0</p> <p>WRA Warramunga Arr 81.89 124 P P 12 43 00.2 +0.7</p>				



Table with columns: HNR, Station Name, Time, Res. Includes stations like Honiara, South Karori, WRA, ASAR, NVAR, ANMO, PSI, SNA.

BUI 08 15:26:22.7, 5.15S, 102.22E, h38km, mb5.2, mb4.9
NEIC 08 15:26:29.8, 0.6, 4.45S, 102.00E, h30km, mb4.4/5, Error ellipse: s-maj=19.7km s-min=8.0km az=55.0

NEIC Felt [I] at Bengkulu.
ISC/JB 08 15:26:30.9, 2.2, 4.35, 0.1, 102.1E, 0.1, h55km, 18km, mb4.7/28, Error ellipse: s-maj=23.5km s-min=8.7km az=43.9
IDC 08 15:26:33.1, 4.1, 4.30S, 102.14E, h53km, 36km, mb4.1/12, mb1.4/2/13, mb1mx3.9/22, mbtmp4.1/13, ML3.7/1, MS3.4/2, Ms1.3/4.2, ms1mx3.0/26, Error ellipse: s-maj=42.9km s-min=12.5km az=53.0

ISC 08 15:26:33.2, 1.8, 4.45, 0.1, 102.1E, 0.1, h58km, 14km, n42, 0.677/13, mb4.7/28, Sutherland

Main station list table with columns: Code, Station Name, Time, Res. Includes stations like PSI, KULM, KSM, BATI, CHTO, FITZ, WRA, WRAB, WB2, JIRN, GUN, DMN, KKN, ASAR, GKN, KOLN, DANN, XAN, STKA, KRSR, SONM, UJAN, MJAR, MK31, MKAR, KURK, ZAAO, ZALV, RDF, UMR, NAY, MIB, BVAR, BRVK, ARCES, HFS, BDBF, TXAR.

IDC 08 15:33:42.0, 1.9, 38.16N, 203.0E, h0km, mb3.9/8, mb1.3/9/11, mb1mx3.8/26, mbtmp3.8/11, ML3.7/3, MS2.9/4, Ms1.3/0.4, ms1mx3.6/31, Error ellipse: s-maj=33.3km s-min=22.1km az=37.0
PDG 08 15:33:43.0, 0.5, 38.22N, 202.4E, h15km, 1km, ML3.8/10, Error ellipse: s-maj=2.4km s-min=2.6km az=0.0
ISC/JB 08 15:33:44.2, 0.5, 38.34N, 0.02, 203.3E, 0.03, h7km, 3km, mb4.0/12, Error ellipse: s-maj=4.2km s-min=2.3km az=137.9
NEIC 08 15:33:45.8, 38.31N, 205.0E, h7km, ML4.1 (ATH), ML3.8 (PDG), After ATH.
THE 08 15:33:45.5, 38.32N, 204.1E, h3km, ML4.4
ATH 08 15:33:45.4, 38.34N, 204.8E, h5km, 2km, MD4.0/16, ML4.1
CSEM 08 15:33:46.0, 0.1, 38.29N, 204.4E, h8km, mb4.4/5, Error ellipse: s-maj=2.6km s-min=1.3km az=40.0

Table with columns: Code, Station Name, Time, Res. Includes stations like VLS, KFL, LKD, RLS, SELA, IGT, IGV, EVR, JAN.

Main station list table with columns: JAN, Station Name, Time, Res. Includes stations like JAN, KEK, SRN, MEV, ITM, AGG, PYL, THL, VLX, LTK, LTR, LTK, LKR, LKR, KZN, KBN, DID, LIT, XOR, NAI, NAI, VLI, VLI, FNA, ATH, ATH, LCI, KVR, PTL, PTL, BIA, BIA, OHR, OHR, AOS, KYT, TIP, TIP, PAIG, HORI, HORI, KUS, PLG, PLG, QSH, PEI, SOH, SMO, KNT, OUR, ULC, ULC, SGO, KKB, BUM, BUM, MMB, MGR, POD, TTG, CDT, APE, PVY, HCY, HCY, CHOS, SGO, IVA, NKY, NKY, RZN, VTS, BRY, RYU, FG5, FG5, RGNS, STON, STON, KYP, UPM, PLE, PLE, KZD, SGG, DIVS, NRCA, BOJS, BOJS, MLR, MLR, JAVS, JAVS, VOY, VOY, PERS, PERS, OBKA, OBKA, OBKA, MOA, DAVOX, GERES, AKASG, MDT, HFS, EKA, EKA, FINES, NB2, NOA, NOA, NOA, MIB, MIB, NAY, NAY, UMR, UMR, RDF, RDF, RDF, BVAR, MKAR.

Main station list table with columns: MKAR, Station Name, Time, Res. Includes stations like MKAR, ZALV, SONM, ASAR, KRSC, TUMR, KAMR, KRUT, MKZ, SRDR, SRDR, KRBT, KRBT, SRK, SRK, SPN, NNL, NNL, AVH, AVH, PET, PET, BUI, ISC, NEIC, SZGRF, MOS, NEIC, NEIC, ISC, DLMT, DLMT, G15A, G15A, BOZ, BOZ, F15A, F15A, QMCT, QMCT, F14A, F14A, F14A, F14A, E15A, E15A, YMR, YMR, YMR, YMR, E14A, E14A, YFT, YFT, G13A, G13A, G13A, G13A, LKWK, LKWK, D15A, D15A, D15A, D15A, CHMT, CHMT, FLWY, FLWY, E13A, E13A, H13A, H13A, H13A, H13A, GCMT, GCMT, IMW, IMW, IMW, IMW, MSO, MSO, MSO, MSO, D14A, D14A, MOOV, MOOV, DCID1, DCID1, DCID1, DCID1, RLMT, RLMT, RLMT, RLMT, H13A, H13A, H13A, H13A, TPWA, TPWA, TPWA, TPWA, LOHW, LOHW, LOHW, LOHW, F12A, F12A, F12A, F12A, SNOW, SNOW, SNOW, SNOW, D13A, D13A, D13A, D13A, REDW, REDW, REDW, REDW, HLID, HLID, HLID, HLID.









8d 17h

Table with columns: Station Name, Frequency, Power, and other technical details for various stations like GERE, DAVOX, KHC, etc.

Table for TIR 08 16:19.4.0.8, 4012N-2026E, h7km, Greece-Albania border region, listing stations like Sarande, Korca, and Tirane.

ISCJB 08 16:39:14.3.0.3, 3286S, 002-7000W, 0.05, h112km, 2km, mb4/26, Error ellipse: s-maj=7.5km s-min=3.8km az=176.8

GUC 08 16:39:14.5.0.7, 3287S, 7006W, h112km, 3km, ML4.7, IDC 08 16:39:14.5.2.7, 3282S, 6971W, h99km, 24km, mb4.3/12, mb1 4.3/16, mb1mx4.3/20, mbtmp4.3/16, MS3.7/3, Ms1 3.6/3, ms1mx2.9/24, Error ellipse: s-maj=20.8km s-min=11.9km az=99.0

NEIC 08 16:39:14.8.0.2, 3288S, 6994W, h104km, 2km, mb4.7/20, Error ellipse: s-maj=6.1km s-min=3.4km az=84.0

NEIC Fell [III] at Cabildo, Los Andes, Quillota, San Felipe, Valparaiso and Vina del Mar, [II] at Mendoza, Santiago, Olmué and Mendoza Province

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like FCH, JACH, PEL, etc.

2007 MAY

Main table with columns: Station Name, Frequency, Power, and other technical details for stations like CMCH, CFAA, SFDO, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details for stations like NWAOW, ASAR, CTA, etc.

NIED 08 17:08:00.3650N-1407E, h50km, Mw3.8 Best double couple: Mo:6.60000e-07, NP1=16.00000e-07, NP2=1.900000e-07, NP3=1.900000e-07, NP4=1.900000e-07, NP5=1.900000e-07, NP6=1.900000e-07, NP7=1.900000e-07, NP8=1.900000e-07, NP9=1.900000e-07, NP10=1.900000e-07, NP11=1.900000e-07, NP12=1.900000e-07, NP13=1.900000e-07, NP14=1.900000e-07, NP15=1.900000e-07, NP16=1.900000e-07, NP17=1.900000e-07, NP18=1.900000e-07, NP19=1.900000e-07, NP20=1.900000e-07, NP21=1.900000e-07, NP22=1.900000e-07, NP23=1.900000e-07, NP24=1.900000e-07, NP25=1.900000e-07, NP26=1.900000e-07, NP27=1.900000e-07, NP28=1.900000e-07, NP29=1.900000e-07, NP30=1.900000e-07, NP31=1.900000e-07, NP32=1.900000e-07, NP33=1.900000e-07, NP34=1.900000e-07, NP35=1.900000e-07, NP36=1.900000e-07, NP37=1.900000e-07, NP38=1.900000e-07, NP39=1.900000e-07, NP40=1.900000e-07, NP41=1.900000e-07, NP42=1.900000e-07, NP43=1.900000e-07, NP44=1.900000e-07, NP45=1.900000e-07, NP46=1.900000e-07, NP47=1.900000e-07, NP48=1.900000e-07, NP49=1.900000e-07, NP50=1.900000e-07, NP51=1.900000e-07, NP52=1.900000e-07, NP53=1.900000e-07, NP54=1.900000e-07, NP55=1.900000e-07, NP56=1.900000e-07, NP57=1.900000e-07, NP58=1.900000e-07, NP59=1.900000e-07, NP60=1.900000e-07, NP61=1.900000e-07, NP62=1.900000e-07, NP63=1.900000e-07, NP64=1.900000e-07, NP65=1.900000e-07, NP66=1.900000e-07, NP67=1.900000e-07, NP68=1.900000e-07, NP69=1.900000e-07, NP70=1.900000e-07, NP71=1.900000e-07, NP72=1.900000e-07, NP73=1.900000e-07, NP74=1.900000e-07, NP75=1.900000e-07, NP76=1.900000e-07, NP77=1.900000e-07, NP78=1.900000e-07, NP79=1.900000e-07, NP80=1.900000e-07, NP81=1.900000e-07, NP82=1.900000e-07, NP83=1.900000e-07, NP84=1.900000e-07, NP85=1.900000e-07, NP86=1.900000e-07, NP87=1.900000e-07, NP88=1.900000e-07, NP89=1.900000e-07, NP90=1.900000e-07, NP91=1.900000e-07, NP92=1.900000e-07, NP93=1.900000e-07, NP94=1.900000e-07, NP95=1.900000e-07, NP96=1.900000e-07, NP97=1.900000e-07, NP98=1.900000e-07, NP99=1.900000e-07, NP100=1.900000e-07

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations like JHO, JKT, JAG, etc.





BOD	comp=N,363nm,0.4s	2.80	303	ePn	Pn	20 04 31.3	+0.4
BOD	Bodaibo	ePg	Pg	20 04 36.1	-4.1		
BOD		eSg	Sg	20 05 11.8	-4.7		
BOD		ePmax					
BOD	comp=N,85nm,0.4s						
BOD		Smax					
NRGR	comp=N,363nm,0.4s	3.52	83	ePn	Pn	20 04 40.5	-0.3
NRGR	Nerungri	eS	Sn	20 05 22.7	+0.5		
NRGR		eSmax					
CLNS	comp=E,55nm,0.4s	3.62	80	ePn	Pn	20 04 51.3	+9.1
CLNS	Chul'man	e		20 05 36.4			
CLNS		ePmax	Pmax				
CLNS	comp=N,5.0nm,0.3s						
CLNS		Pmax	Pmax				
CLNS	comp=E,8.0nm,0.3s						
CLNS		Pmax	Pmax				
CLNS	comp=Z,10.0nm,0.3s						
CLNS		Smax					
CLNS	comp=N,337nm,0.6s						
CLNS		Smax					
CLNS	comp=E,237nm,0.5s						
CLNS		Smax					
TNDR	comp=Z,132nm,0.5s	3.78	106	ePn	Pn	20 04 45.6	+1.2
TNDR	Tynda	ePn	Pn	20 04 54.3	-4.7		
TNDR		eS	Sn	20 05 28.3	-0.3		
TNDR		eSg	Sg	20 05 23.4	-4.5		
KMO	comp=N,95nm,1.3s	4.05	266	ePn	Pn	20 04 49.2	+1.1
KMO	Kumora	eS	Sn	20 04 58.4			
KMO		eS	Sn	20 05 33.5	-1.8		
KMO		ePn	Pn	20 04 49.4	+1.3		
KMO		eSg	Sg	20 04 58.6	+5.6		
KMO		eSg	Sg	20 05 51.2	-5.4		
KMO		ePmax					
KMO	comp=Z,27nm,0.5s						
KMO		Smax					
NIZ	comp=Z,232nm,1.0s	4.99	267	ePn	Pn	20 05 02.3	+1.3
NIZ	Nizh Angarsk	eS	Sn	20 05 16.7			
NIZ		eS	Sn	20 05 57.6	-0.9		
NIZ		ePmax	Pmax	20 06 21.2			
NIZ	comp=Z,10.0nm,0.6s						
NIZ		Smax					
NIZ	comp=N,95nm,1.3s	4.99	267	ePg	Pg	20 05 16.9	-5.2
NIZ	Nizh Angarsk	eSg	Sg	20 06 21.1	-5.7		
NIZ		ePmax					
NIZ	comp=N,10.0nm,0.7s						
NIZ		Smax					
SYVR	comp=N,95nm,1.0s	5.54	244	ePn	Pn	20 05 25.3	+1.7
SYVR	Suvo	ePn	Pn	20 06 40.3			
SYVR		ePmax	Pmax				
SYVR	comp=Z,13nm,1.0s						
SYVR		Smax					
SYVR	comp=E,109nm,1.0s	5.54	244	ePn	Pn	20 05 09.4	+0.9
SYVR	Suvo	ePg	Pg	20 05 25.5	-7.1		
SYVR		eS	Sn	20 06 10.9	-1.0		
SYVR		eSg	Sg	20 06 38.2	-6.0		
SYVR		ePmax					
SYVR	comp=E,18nm,0.9s						
SYVR		Smax					
MXMB	comp=E,165nm,0.9s	6.38	245	ePn	Pn	20 05 21.2	+1.1
MXMB	Maximikha	eSg	Sg	20 07 05.4	-5.9		
MXMB		eSg	Sg				
MXMB		eSmax					
OGRR	comp=E,260nm,1.5s	6.78	251	ePn	Pn	20 05 25.8	+0.2
OGRR	Ongureny	e		20 05 48.1			
OGRR		ePmax	Pmax	20 07 17.8			
OGRR	comp=Z,3.0nm,0.8s						
OGRR		Smax					
OGRR	comp=N,61nm,1.5s	6.78	251	ePn	Pn	20 05 27.6	+2.0
OGRR	Ongureny	ePg	Pg	20 05 49.8	-6.5		
OGRR		eSg	Sg	20 07 17.2	-6.9		
OGRR		ePmax					
OGRR	comp=N,5.0nm,0.6s						
OGRR		Smax					
OGRR	comp=N,61nm,1.3s	7.54	241	ePg	Pn	20 06 01.3	+2.5
OGRR	Turuntaevo	eSg	Sn	20 07 40.1	+3.9		
OGRR		ePmax					
OGRR	comp=N,6.0nm,0.8s						
OGRR		Smax					
KPC	comp=N,91nm,1.2s	7.59	211	ePn	Pn	20 05 36.4	-0.3
KPC	Khapcheranga	ePg	Pn	20 06 04.4	+2.8		
KPC		eSg	Sn	20 07 41.9	+3.9		
KPC		ePmax					
KPC	comp=N,2.0nm,0.2s						
KPC		Smax					
UUDB	comp=N,30nm,0.4s	7.75	239	eSg	Sn	20 07 46.1	+4.0
UUDB	Ulan-Yde	eSg	Smax				
UUDB		eSg	Smax				
FFNB	comp=N,84nm,1.0s	8.07	242	eSg	Sn	20 07 57.4	+4.3
FFNB	Fofonovo	eSg	Smax				
YAK	comp=N,106nm,0.5s	8.10	41	ePn	Pn	20 05 50.6	+7.0
YAK	Yakutsk	e		20 06 15.6			
YAK		e		20 07 11.9			
YAK		ePmax	Pmax				
YAK	comp=N,1.0nm,0.4s						
YAK		Pmax	Pmax				
YAK	comp=Z,4.0nm,0.4s						
YAK		Pmax	Pmax				
YAK	comp=N,2.0nm,0.2s						
YAK		Pmax	Pmax				
YAK	comp=N,1.0nm,0.4s						
YAK		Pmax	Pmax				
YAK	comp=E,2.0nm,0.4s						
YAK		Smax					
YAK	comp=N,7.0nm,0.4s						
YAK		Smax					
YAK	comp=Z,8.0nm,0.6s						
YAK		Smax					
YAK	comp=E,8.0nm,0.8s						
YAK		Smax					
YAK	comp=N,45nm,0.7s						
YAK		Smax					
YAK	comp=Z,25nm,0.8s						
YAK		Smax					
YAK	comp=E,33nm,0.5s						
YAK		MLR	MLR				
YAK	comp=Z,38nm,8.0s						
ULN	comp=Z,38nm,8.0s	10.99	224	eSg	Sn	20 09 26.4	+6.1
ULN	Ulaanbaatar						

JJU				eS	Sn	20 12 38.5	-0.3
JTU	Tarama	1.43	59	P	Pn	20 12 36.2	+0.9
JTU				eS	Pn	20 12 54.4	+1.3
NACB	Ninganchiao	1.64	280	ePn	Pn	20 12 38.3	+0.1
YHNB	Yeheng	1.97	293	ePn	Pn	20 12 43.7	+0.9
TATO	Taipei	2.02	303	ePn	Pn	20 12 44.5	+1.1
JOGS	Gusukube	2.05	65	P	Pn	20 12 45.1	+1.2
JKE	Kume jima 2	3.93	51	P	Pn	20 13 09.4	-0.4
JOW	Kunigami	5.32	56	Pn	Pn	20 13 27.6	-1.2
JOW		0.5nm,0.3s,baz=218,slow=28,SNR=5.2					
JOW		0.7nm,0.3s,baz=144,slow=29,SNR=2.0				20 14 28.9	-0.1
JNU	Nakatsue	11.31	34	LR	LR	20 19 21.9	
JNU		comp=Z,62nm,20.1s,baz=52,slow=39					
MJAR	Matsushiro Arr	17.95	42	LR	LR	20 22 34.9	
MJAR		comp=Z,45nm,21.9s,baz=31.0,slow=35					
SONM	Songino Array	27.44	335	P	P	20 17 53.2	-1.3
SONM		0.3nm,0.5s,mb3.1,baz=144,slow=10,SNR=2.5					
SONM		comp=Z,54nm,19.1s,baz=82,slow=42				20 30 08.9	
MKAR	Makanchi Array	39.94	315	P	P	20 19 43.0	+0.2
MKAR		0.3nm,0.2s,mb3.6,baz=92,slow=12,SNR=4.3					
ZALV	Zalesovo Beam	41.58	326	P	P	20 19 54.8	-1.5
ZALV		0.9nm,0.5s,mb3.5,baz=120,slow=8.7,SNR=3.6					
WRA	Warramunga Arr	44.87	165	P	P	20 20 22.9	-0.3
WRA		0.5nm,0.7s,mb3.4,baz=344,slow=8.7,SNR=4.7					
ASAR	Alice Springs	48.37	167	P	P	20 20 51.4	+0.8
ASAR		0.2nm,0.6s,mb3.3,baz=353,slow=15,SNR=4.8					
INK	Inuvik	72.74	22	P	P	20 23 26.2	-0.1
AKASG	Malin Array Be	74.40	319	P	P	20 23 46.0	-0.4
AKASG		0.2nm,0.4s,mb3.4,baz=64,slow=6.0,SNR=3.1					
NOA	NORSAR Array B	79.40	333	P	P	20 24 14.3	0.0
NOA		0.8nm,0.9s,mb3.5,baz=52,slow=5.7,SNR=2.4					
YKA	Yellowknife Ar	82.45	23	P	P	20 24 31.0	+0.4
YKA		0.2nm,0.5s,mb3.3,baz=303,slow=5.3,SNR=5.0					
GERES	GERES Array B	84.32	321	P	P	20 24 40.0	-0.5
GERES		0.1nm,0.3s,mb3.4,baz=75,slow=5.4,SNR=3.5					

CSEM 08:20:14:04.4, 1207N-4381E, h3km, ML3.7, After DHMR  
 DHMR 08:20:14:04.4.1.1, 1207N-4381E, h4km,6km, ML3.7, 2C,  
 Western Arabian Peninsula

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
TRBA	At Turbah	1.19	14	iP	Pg	20 14 27.2	0.0
TRBA				iS	Sg	20 14 43.3	+0.9
TRBA				AML	AML	20 14 46.3	
ADEN	Aden	1.34	58	iP	Pn	20 14 29.2	-0.8
ADEN				iS	Sg	20 14 48.6	+1.0
ADEN				AML	AML	20 14 54.5	
ADEN	comp=E,2μm,0.3s	1.34	58	iP	Pn	20 14 29.2	-0.8
ADEN				iS	Sg	20 14 48.6	+1.0
UDYN	Al Udayn	1.89	51	iP	Pn	20 14 38.2	+0.7
UDYN				iS	Sn	20 15 05.7	+3.9
UDYN				AML	AML	20 15 11.6	
UDYN	comp=N,884nm,0.4s	1.89	51	iP	Pn	20 14 38.2	+0.7
UDYN				iS	Sn	20 15 05.7	+3.9
LBOS	LBOs	2.27	38	iP	Pn	20 14 44.9	+2.1
LBOS				iS	Pn	20 15 16.3	+5.0
DHBB	Dhamar BB	2.55	13	iP	Sn	20 14 48.5	+2.0
DHBB				iS	Sn	20 15 23.5	+5.5
BDHA	Al Bayda'	2.55	42	P	Pn	20 15 23.8	+5.7
BDHA				iS	Pn	20 15 37.9	
BDHA				AML	AML	20 15 37.9	
BDHA	comp=N,498nm,0.3s						

ISCJB 08:20:18:03.5:0.3, 4448N-002:7.11E,003, h13km,3km,  
 Error ellipse: s-maj=3.9km s-min=2.3km az=152.4  
 ROM 08:20:18:03.6:0.2, 4446N-7.10E, h10km,1km, Md2.2/6,  
 M1.8/2, Error ellipse: s-maj=3.7km s-min=1.5km az=103.0  
 STR 08:20:18:04.5:0.2, 4447N-7.09E, h5km, M1.2, Error ellipse:  
 s-maj=0.0km s-min=0.0km az=0.0  
 LDG 08:20:18:04.4:0.1, 4449N-7.15E, h2km, Md2.3/3, M1.2/5/10,  
 Error ellipse: s-maj=2.4km s-min=1.1km az=64.0  
 NEIC 08:20:18:04.5, 4447N-7.09E, h5km, ML2.5(LDG),  
 ML2.2(STR), ML1.8(ROM), After STR.  
 ISC 08:20:18:04.1:0.3, 4448N-002:7.12E,003, h12km,3km, n29,  
 +0:60/50, Northern Italy

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
PZZ	Prazzo	0.03	339	Pg	Pg	20 18 06.0	-0.3
PZZ				Sg	Sg	20 18 07.2	-0.6
DOI	San Damiano	0.10	75	Pg	Pg	20 18 07.1	+0.2
DOI				Sg	Sg	20 18 08.8	-0.1
SURF	Saint Ours	0.22	270	Pg	Pg	20 18 08.7	0.0
SURF				Sg	Sg	20 18 11.8	-0.1
STV	Sta Anna Valdi	0.28	147	Pg	Pg	20 18 09.8	0.0
STV				Sg	Sg	20 18 13.7	0.0
MBDF	Montbardon	0.35	315	ePg	Pg	20 18 11.3	+0.2
MBDF				eSg	Sg	20 18 15.9	+0.1
TOUF	Mont Tourmerai	0.48	168	Pg	Pg	20 18 13.5	+0.1
AUTN	L'Aution	0.53	155	Pg	Pg	20 18 14.8	+0.3
AUTN				Sg	Sg	20 18 22.0	+0.4
MVIF	Mont Vial	0.58	177	Pg	Pg	20 18 15.7	+0.2
MVIF				Sg	Sg	20 18 23.5	+0.3
SAOF	Saorge	0.59	147	Pg	Pg	20 18 15.5	0.0
SAOF				Sg	Sg	20 18 23.0	+0.2
LUCF	Luceram	0.61	164	Pg	Pg	20 18 16.1	+0.1
LUCF				Sg	Sg	20 18 23.9	-0.1
BNI	Bardonecchia	0.65	332	Pg	Pg	20 18 16.8	0.0
BNI				Sg	Sg	20 18 26.0	+0.7
SBF	Sospel	0.66	159	ePg	Pg	20 18 17.4	+0.5
SBF				eSg	Sg	20 18 24.9	-0.6
RSP	Reno Superiore	0.68	9	Pg	Pg	20 18 17.2	-0.1
RSP				Sg	Sg	20 18 26.8	+0.6
CALN	Calem	0.74	193	Pg	Pg	20 18 18.5	+0.1
REVV	Revere	0.76	166	Pg	Pg		

8d 22h

Table with columns: RPZ, WRA, WRA, ASAR, ASAR, ASAR, FITZ, VDA, VDA, VDA, SBA, QSPA, ULN, MAW, NAV, MKAR, MKAR, YKA. Rows contain station names, coordinates, and various parameters.

BUJ 08 21:42:27.5, 2006S:17999W, h619km, mb4.9, mb4.7
ISC/JB 08 21:42:30.5, 0.8, 1937S:009:17932W, 0.08, h643km, 13km, mb4.3/21, Error ellipse: s-maj=13.9km s-min=10.9km az=158.2

NEIC 08 21:42:30.6, 0.8, 1930S:17919W, h627km, 11km, mb4.5/13, Error ellipse: s-maj=12.8km s-min=10.0km az=137.0
IDC 08 21:42:34.3, 1.6, 1944S:17936W, h669km, 19km, mb3.6/10, mb1.3/8.10, mb1mx3.6/15, mbtmp3.6/10, Error ellipse: s-maj=17.4km s-min=12.7km az=161.0

ISC 08 21:42:30.8, 0.5, 1932S:009:17922W, 0.08, h631km, 13km, n46, c1514/1, mb4.3/21, 1C-5D, Fiji Islands region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their associated data.

2007 MAY

ISC/JB 08 22:03:07.6, 0.8, 465N:006:7621W, 0.07, h142km, 7km, mb3.7/18, Error ellipse: s-maj=13.0km s-min=7.4km az=142.5

NEIC 08 22:03:08.2, 0.8, 461N:76.16W, h134km, 6km, mb4.0/7, Error ellipse: s-maj=10.6km s-min=6.5km az=67.0
IDC 08 22:03:10.4, 1.3, 463N:76.05W, h154km, 11km, mb3.6/15, mb1.3/8.10, mb1mx3.8/24, mbtmp3.6/10, Error ellipse: s-maj=18.5km s-min=10.3km az=75.0

ISC 08 22:03:08.2, 0.8, 463N:006:7618W, 0.07, h132km, 6km, n40, c1500/4, mb3.7/18, Colombia

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their associated data.

IDC 08 22:17:29.6, 0.8, 3174S:7196W, h0km, mb4.3/5, mb1.1.3/8, mb1mx4.1/16, mbtmp4.1/8, ML3.8/3, MS4.4/3, M1.4/3, ms1mx3.4/26, Error ellipse: s-maj=31.8km s-min=21.2km az=74.0

ISC/JB 08 22:17:32.1, 1.2, 3173S:002:7209W, 0.05, h28km, 10km, mb4.1/5, MS4.1/3, Error ellipse: s-maj=7.9km s-min=3.4km az=179.5

GUC 08 22:17:34.0, 0.9, 3178S:7195W, h31km, 3km, MD4.6, ML4.4

NEIC 08 22:17:34.0, 0.9, 3178S:7195W, h31km, ML4.4(GUC), After GUC

ISC 08 22:17:32.3, 1.0, 3173S:002:7196W, 0.05, h9km, 5km, h6km, 2km:pp, n53, c0817/4, mb4.2/4, MS4.1/3, 1C-5D, Near coast of central Chile

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their associated data.

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FSR Penalolen 2.12 146 eP Pn 22 18 08.4 +0.5
FSR FSR 1/5 S 22 18 34.1 -0.2
FSR AML 22 18 48.2

FCH FCH 2.13 139 fP Pn 22 18 08.5 +0.5
FCH FCH 1/5 S 22 18 35.8 +1.3
FCH AML 22 18 46.1

ANTU Antumapu 2.15 149 eP Pn 22 18 08.8 +0.6
ANTU Antu 2.15 149 eP Pn 22 18 08.8 +0.6
ANTU Antu 2.15 149 eP Pn 22 18 34.5 -0.5
ANTU AML 22 18 44.8

PCH Pirque 2.25 147 eP Pn 22 18 10.1 +0.5
SJCJ San Jose de Ma 2.34 145 fP Pn 22 18 11.4 +0.6
SJCJ S 22 18 39.6 -0.1

CHCH Chadas Angosto 2.46 154 fP Pn 22 18 13.3 +0.8
LMEL Las Melosas 2.58 145 fP Pn 22 18 14.9 +0.7
LMEL S 22 18 41.1 +0.5
LMEL AML 22 19 00.1

CACH El Canelo 2.64 155 eP Pn 22 18 16.2 +1.2
CACH Cipreses 2.89 154 fP Pn 22 18 19.5 +1.1
LCO Las Campanas 2.92 22 eP Pn 22 18 54.9 +0.8

SFDO San Fernando 2.98 165 fP Pn 22 18 19.9 +0.2
CFAA Coronel Fontan 3.18 89 Pn 22 18 21.9 -0.5
CFAA comp=N, 3.0nm, 0.3s, baz=252, slow=7.1, SNR=71

CFAA comp=N, 8.1nm, 0.3s, baz=33, slow=6.1, SNR=11
PLCA Paso Flores 9.05 173 Pn 22 19 43.0 -0.1
TRQA Torquai 10.34 130 eP Pn 22 20 01.9 +1.2

TRQA comp=N, 1.4nm, 0.6s
CPUP Villa Florida 13.88 71 eP Pn 22 20 48.7 -0.7
CPUP ePn 22 23 20.6 -3.0
CPUP S 22 23 22.7 +5.6
CPUP LR 22 23 22.7 +5.6

CPUP Villa Florida 13.88 71 Pn Pn 22 20 52.3 +3.0
comp=N, 0.7nm, 0.3s, baz=213, slow=12, SNR=3.6
CPUP S 22 23 29.2 +5.6
CPUP LR 22 26 34.8

LPAZ La Paz 15.77 14 Pn 22 21 14.0 -0.6
comp=N, 0.1nm, 0.3s, baz=177, slow=9.4, SNR=6.2
SIV San Ignacio 18.55 35 Pn 22 21 47.2 -2.2

ATAH Atahualpa 25.33 345 LR 22 31 53.9
comp=N, 3.1nm, 21.6s, MS2.8, baz=353, slow=34
Neumayer Olymp 51.44 159 S P 22 26 37.7 +0.5

VNA3 Neumayer-Stat 51.73 158 e P 22 26 40.0 +0.5
VNA1 e pP 22 26 41.8 -0.6
VNA2 e P 22 26 49.2

VNA2 Neumayer-Watz 52.08 158 e P 22 26 48.8 -0.2
baz=289, slow=9.3
VNA2 e pP 22 26 43.6 -1.3
VNA2 e P 22 26 50.7
VNA2 e P 22 27 00.0
VNA2 e P 22 27 45.2

VNA2 Sanae 53.66 158 e P 22 26 53.3 -1.3
SNA4 e pP 22 26 55.3 -1.3
SNA5 e P 22 27 01.2
SNA6 e P 22 27 04.8
SNA7 e P 22 27 05.8
SNA8 e P 22 27 12.8

TEIG Tepich 53.98 341 P P 22 26 55.3 -1.3
TEIG Tepich 53.98 341 P P 22 26 55.3 -1.3
TEIG S 22 26 55.3 -1.3
MAW comp=N, 3.2nm, 0.5s, mb4.5, baz=145, slow=23, SNR=3.4
MAW 75.33 164 LR 22 29 13.9 -1.5

MAW comp=N, 1.0nm, 0.5s, mb4.0, baz=233, slow=5.1, SNR=3.0
MAW LR 22 30 45.6
BOSA Boshof 81.07 118 P 22 29 46.9 -1.1
comp=N, 1.1nm, 0.9s, mb4.4, baz=258, slow=4.7, SNR=6.5

MAW Mina Array Bea 82.06 325 P P 22 29 52.9 +0.0
comp=N, 0.8nm, 0.7s, mb3.8, baz=154, slow=6.5, SNR=6.3
URZ Urewera 85.23 228 LR 22 30 03.5
comp=N, 0.82nm, 20.0s, MS3.0, baz=131, slow=30

YKA Yellowknife Arr 99.94 341 P Pdf 22 31 15.0 -2.5
comp=N, 0.1nm, 0.3s, baz=141, slow=4.0, SNR=4.9
WRA Warramunga Arr 122.76 210 PKP PKPdc 22 36 27.4 -1.8

ZALZ Zalesovo Bay 152.26 30 PKPbc PKPbc 22 37 26.9 -1.0
comp=N, 6.3nm, 0.5s, baz=298, slow=3.8, SNR=29
MKAR Makanchi Array 155.18 45 PKPbc PKPbc 22 37 48.5 -1.9
comp=N, 0.8nm, 0.7s, baz=289, slow=4.5, SNR=5.0

ISC/JB 08 22:29:09.8, 0.8, 868S:010:7150W, 0.09, h491km, 13km, mb4.0/16, Error ellipse: s-maj=19.3km s-min=8.3km az=42.8

NEIC 08 22:29:10.8, 0.5, 866S:71.48W, h489km, 7km, mb4.0/12, Error ellipse: s-maj=11.4km s-min=6.5km az=57.0
IDC 08 22:29:10.4, 1.0, 871S:7151W, h480km, 10km, mb3.5/5, mb1.3/6.10, mb1mx3.3/21, mbtmp3.3/10, Error ellipse: s-maj=17.9km s-min=12.8km az=54.0

ISC 08 22:29:11.0, 0.8, 869S:010:7155W, 0.09, h488km, 12km, n44, c0879/38, mb4.0/16, Western Brazil

NNA Nana 6.16 237 P S 22 30 48.6 +0.3
NNA S 22 30 07.7 -0.2
NNA S 22 30 48.5 +0.2

NNA 9.0nm, 0.3s, baz=49, slow=9.6, SNR=18
NNA 8.7nm, 0.3s, baz=192, slow=17, SNR=4.9
ATAH Atahualpa 6.99 283 P S 22 30 58.5 +1.8

ATAH 1.8nm, 0.3s, baz=86, slow=10, SNR=8.1
ATAH S 22 32 20.8 -2.4
0.7nm, 0.3s, baz=79, slow=20, SNR=2.7
LPAZ La Paz 8.26 157 P 22 31 10.6 +0.9

LPAZ 1.0nm, 0.3s, baz=328, slow=7.3, SNR=20
SIV San Ignacio 12.54 126 P 22 31 55.9 +0.5
SDV Santo Domingo 17.48 3 eP 22 32 46.4 -0.4

SDV Santo Domingo 17.48 3 P 22 32 48.4 +1.0
0.5nm, 0.3s, baz=206, slow=13, SNR=6.5
BDFB Brasilia 24.00 109 P P 22 33 46.0 -0.4

PLCA Paso Flores 31.92 179 P P 22 34 54.3 -1.2
BBSR BB Station 41.35 9 P P 22 36 12.6 -0.8
SWT Swanee 47.14 343 eP P 22 36 47.0 -0.6
WVY Waverly 45.73 344 eP P 22 36 57.3 -1.1

MIAR Mount Ida 47.79 335 eP P 22 37 02.9 -0.4
LJAT Lajitas Array 48.85 322 P P 22 37 12.1 -0.8

SIUC Southern Illin 49.03 341 P P 22 37 11.7 -0.8
BRNJ Basking Ridge 49.20 357 P P 22 37 13.0 -0.7
WMOK Wichita Mounta 50.30 331 eP P 22 37 22.3 +0.4

KSU1 Kansas State U 52.94 336 eP P 22 37 40.4 -0.6
1.5nm, 0.6s, mb3.8
ANMO Albuquerque 54.52 325 eP P 22 37 52.6 +0.3
SDVO Great Sand Dun 56.04 328 eP P 22 38 03.9 +1.0









9d 1h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AKASG Malin Array Be, ARCES ARCESS Array B, ELN Prospektale, etc.

2007 MAY

THE 09 00:53:20.8, 3499N-2303E, h3km, ML3.3
ISC 09 00:53:19.3, 1.6, 3490N,08:229E,007,h6km,8km,m23,
o#61/31,Central Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GVD Gavdhos, GVD Gavdhos, KAR Karanos, etc.

NEIC 09 00:57:57.4, 3176S-7207W, h33km, ML3.6(GUC), After GUC.
GUC 09 00:57:57.4, 0.8, 3176S-7207W, h33km,2km,MD4.0,
ML3.6,4C-9D,Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMCH Combarbala, PTCH Petorca, IHA Instituto Hidir, etc.

CSEM 09 01:08:54.9, 0.9, 3720N-2462W, h0km, ML3.7, Error ellipse: s-maj=4.4km s-min=2.6km az=83.0, After PDA
PDA 09 01:08:54.9, 0.9, 3720N-2462W, h0km, MD4.0, 3.7, Error ellipse: s-maj=4.4km s-min=2.8km az=83.0, Azores Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSMN Pico do Norte, CMLA Cha da Macela, CMLA Cha da Macela, etc.

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CSEM 09 01:12:37.0, 0.9, 3719N-2455W, h5km, ML3.1, Error ellipse: s-maj=5.8km s-min=3.5km az=82.0, After PDA
PDA 09 01:12:37.0, 0.9, 3719N-2455W, h5km, MD3.7, ML3.1, Error ellipse: s-maj=5.8km s-min=3.5km az=82.0, Azores Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSMN Pico do Norte, CMLA Cha da Macela, CMLA Cha da Macela, etc.

IDC 09 01:27:58.9, 13.0, 2114S-17898E, h333km, 129km, mb3.4/4, mb1 3.7/4, mb1mx3.3/13, mbtpp3.4/4, Error ellipse: s-maj=72.2km s-min=38.5km az=90.0, South of Fiji Islands

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

ISCJB 09 01:45:60.0, 0.3, 3828N-002-2159E-002, h11km, 2km, mb3.7/10, Error ellipse: s-maj=2.8km s-min=2.3km az=19.0

IDC 09 01:46:00.5, 1.4, 3851N-2160E, h0km, mb3.8/10, mb1 3.8/15, mb1mx3.7/28, mbtpp3.7/15, ML3.7/5, Error ellipse: s-maj=26.2km s-min=15.4km az=6.0
CSEM 09 01:46:00.8, 0.1, 3827N-2164E, h5km, ML4.2, Error ellipse: s-maj=1.5km s-min=1.0km az=20.0
ATH 09 01:46:00.8, 3826N-2166E, h19km, 1km, MD4.0/22, ML3.7
NEIC 09 01:46:00.8, 3826N-2166E, h19km, ML4.2(TH), ML3.7(ATH), After ATH.

THE 09 01:46:01.4, 3825N-2162E, h14km, ML4.2
MOS 09 01:46:02.4, 1.6, 3820N-2151E, h33km, mb3.9/6, Error ellipse: s-maj=7.7km s-min=4.4km az=83.9
ISC 09 01:46:01.1, 0.3, 3827N-002-2162E-002, h11km, 2km, n144, r198/190, mb3.7/10, 5C-8D, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SELA Sela, SELA Sela, RLS Riolos de Patr, etc.

LIA	Limnos Island	3.22 58 ePn	Pn	01 46 51.0 -0.5
SRS	Serrai	3.23 28 ePn	Pn	01 46 51.7 0.0
APE	Apeiranthos	3.33 110 ePn	Pn	01 46 53.0 0.0
APE	Apeiranthos	3.33 110 ePn	Pn	01 47 32.2 -0.3
APE	Apeiranthos	3.33 110 ePn	Pn	01 46 53.0 +0.6
APE	Apeiranthos	3.33 110 ePn	Pn	01 47 11.9 -1.1
APE	Apeiranthos	3.33 110 /Pn	Pn	01 46 53.3 +0.3
APE	Apeiranthos	3.33 110 ePn	Pn	01 47 32.2 -0.3
LCI	Lecc	3.42 308 Pn	Pn	01 46 54.4 +0.2
STIP	Stip	3.45 7 ePn	Pn	01 46 56.7 +1.9
STIP	Stip	3.45 7 /Pn	Pn	01 46 56.5 +1.8
QHOS	Chios Island	3.49 87 ePn	Pn	01 46 57.7 +0.4
QSH	Qasha e Shtames	3.51 339 ePn	Pn	01 46 59.0 +3.5
VAM	Vamos	3.53 143 ePn	Pn	01 46 56.7 +0.9
NVR	Nevrokopi	3.53 29 ePn	Pn	01 46 57.3 +1.4
SKO	Skopje	3.71 358 ePn	Pn	01 47 04.7 +6.5
PRK	Paraskevi	3.77 73 ePn	Pn	01 47 01.0 +1.9
PRK	Paraskevi	3.77 73 ePn	Pn	01 47 02.0 +2.9
TIP	Timpagrande	3.91 285 ePn	Pn	01 47 01.8 +0.8
TIP	Timpagrande	3.91 285 ePn	Pn	01 47 46.1 -0.7
TIP	Timpagrande	3.91 285 ePn	Pn	01 47 01.8 +0.8
GVD	Gavdhos	3.96 149 ePn	Pn	01 47 46.1 -0.7
PE1	Pezze di Greco	4.12 309 ePn	Pn	01 47 03.0 -0.1
SMG	Samos	4.16 96 ePn	Pn	01 47 05.3 +0.8
RDO	Rodhopi	4.17 45 ePn	Pn	01 47 06.3 +1.6
NPS	Nesopolis	4.39 132 ePn	Pn	01 47 09.4 +1.8
VTG	Vitostos	4.49 151 ePn	Pn	01 47 13.0 0.0
SG1	Sgolgore (BA)	4.60 306 ePn	Pn	01 47 10.8 +0.3
SG1	Sgolgore	4.60 306 ePn	Pn	01 48 01.6 -2.3
BAI	Bari	4.63 309 ePn	Pn	01 47 11.0 +0.1
CNT	Castel del Mon	4.86 299 ePn	Pn	01 48 03.4 -1.2
PTRP	Pietrapertosa	4.99 306 ePn	Pn	01 47 16.2 +0.3
MDR	Morigerati	5.07 294 Pn	Pn	01 48 13.1 -0.4
STON	Ston	5.48 328 ePn	Pn	01 47 21.0 -1.6
STON	Ston	5.48 328 ePn	Pn	01 48 20.8 -4.8
FGMS	Monte Sant'Ang	5.54 310 Pn	Pn	01 47 23.6 +0.1
MS1	Monte Sant'Ang	5.55 310 ePn	Pn	01 47 23.6 +0.1
MS1	Monte Sant'Ang	5.55 310 ePn	Pn	01 48 23.7 -3.6
CSSN	Cassano Irpino	5.71 299 Pn	Pn	01 47 27.4 +1.6
FG5	Orsara di Pugl	5.74 304 P	Pn	01 47 26.9 +0.7
FG5	Orsara di Pugl	5.74 304 P	Pn	01 47 26.9 +0.7
FG5	Orsara di Pugl	5.74 304 P	Pn	01 47 26.9 +0.7
RGNG	Rignano Grg	5.75 308 Pn	Pn	01 47 26.1 -0.2
VAE	Valguarnera	5.75 264 Pn	Pn	01 47 29.4 +3.1
VAE	Valguarnera	5.75 264 Pn	Pn	01 48 38.6 +6.2
MRB1	Monte Rocchett	5.87 301 Pn	Pn	01 47 29.3 +1.4
FG2	Serracapriola	6.08 308 Pn	Pn	01 47 30.8 -0.1
SGG	Gregorio Mateno	6.38 302 Pn	Pn	01 47 36.7 +1.7
SDI	San Donato	6.91 302 P	Pn	01 47 43.6 +1.4
SDI	San Donato	6.91 302 Pn	Pn	01 47 43.6 +1.4
SDI	San Donato	6.91 302 Pn	Pn	01 47 43.6 +1.4
VVLD	Villa Velleione	7.11 303 Pn	Pn	01 47 46.9 +1.9
BZS	Buzias	7.35 0 /jP	Pn	01 47 50.3 +2.1
BZS	Buzias	7.35 0 /jP	Pn	01 47 50.2 +2.0
VOIR	Muntele Rosu	7.91 23 Pn	Pn	01 47 57.1 +5.3
MLR	Muntele Rosu	7.91 23 Pn	Pn	01 47 57.4 +1.4
MLR	Muntele Rosu	7.91 23 Pn	Pn	01 47 57.4 +1.4
MLR	Muntele Rosu	7.91 23 Pn	Pn	01 48 01.0 +5.1
NRCA	Norcia	7.92 308 Pn	Pn	01 47 57.3 +1.2
PKSM	Moragy	8.24 345 /jP	Pn	01 47 58.5 -2.0
VRI	Vrincioiaia	8.49 25 /jP	Pn	01 48 08.6 +4.7
BOJS	Bojancici	8.65 329 ePn	Pn	01 48 05.1 -1.0
BOJS	Bojancici	8.65 329 ePn	Pn	01 48 05.1 -1.0
BOJS	Bojancici	8.65 329 ePn	Pn	01 48 05.1 -1.0
BOJS	Bojancici	8.65 329 ePn	Pn	01 48 05.1 -1.0
BOJS	Bojancici	8.65 329 ePn	Pn	01 48 05.1 -1.0
BOJS	Bojancici	8.65 329 ePn	Pn	01 48 05.1 -1.0
CRES	Cresnevg	8.83 331 ePn	Pn	01 48 07.8 -0.8
CRES	Cresnevg	8.83 331 ePn	Pn	01 49 44.1 -4.0
VISS	Visnje	9.06 328 ePn	Pn	01 48 10.5 -1.2
VOY	Vojsko	9.64 326 ePn	Pn	01 48 19.3 -0.4
VOY	Vojsko	9.64 326 ePn	Pn	01 50 02.9 0.0
OBKA	Obir	9.75 330 /jP	Pn	01 48 19.3 -1.9
OBKA	Obir	9.75 330 /jP	Pn	01 50 01.0 -1.0
OBKA	Obir	9.75 330 /jP	Pn	01 48 19.3 -1.9
OBKA	Obir	9.75 330 /jP	Pn	01 50 10.3 -0.4
VYHS	Vyhne	10.42 350 ePn	Pn	01 48 34.8 +4.5
VYHS	Vyhne	10.42 350 ePn	Pn	01 50 25.6 -1.4
GERES	GERES Array B	12.03 334 Pn	Pn	01 48 52.1 -0.1
MMAI	Mount Meron Ar	12.37 111 Pn	Pn	01 49 00.8 +3.7
CABF	La Chapelle	14.16 311 eP	Pn	01 49 18.5 -2.9
HINF	Hinterfeld	14.39 316 eP	Pn	01 49 21.6 -2.9
CDF	Champ du Feu	14.53 319 eP	Pn	01 49 22.8 -3.6
HAU	Haudoumpre	14.77 316 eP	Pn	01 49 26.3 -3.5
SMF	Signal de Mont	15.54 308 eP	Pn	01 49 37.2 -2.8
LOR	Lormes	15.81 310 eP	Pn	01 49 41.2 -2.3
SSF	Saint Saugle	15.93 309 eP	Pn	01 49 44.4 -0.7
KIV	Kislodovsk	16.85 64 iP	Pn	01 50 00.4 +3.6
KIV	Kislodovsk	16.85 64 iP	Pn	01 50 00.4 +3.6
OBN	Obninsk	19.66 26 eP	Pn	01 50 31.7 +0.6
OBN	Obninsk	19.66 26 eP	Pn	01 50 31.7 +0.6
OBN	Obninsk	19.66 26 eP	Pn	01 50 31.7 +0.6
ESDC	Sonsec Array	19.92 282 P	Pn	01 50 33.9 -0.5
ESDC	Sonsec Array	19.92 282 P	Pn	01 50 33.8 -0.6
HFS	Hagfors	22.46 350 P	Pn	01 50 57.4 -2.5
HFS	Hagfors	22.46 350 P	Pn	01 50 57.4 -2.5
FINES	FINES Array B	23.37 5 P	Pn	01 51 07.5 -2.0
FINES	FINES Array B	23.37 5 P	Pn	01 51 07.5 -2.0
FINES	FINES Array B	23.37 5 P	Pn	01 51 07.5 -2.0
NB2	NORSAR Subarra	23.71 347 P	Pn	01 51 11.1 -1.7
NOA	NORSAR Array B	23.71 347 P	Pn	01 51 11.0 -1.8
NOA	NORSAR Array B	23.71 347 P	Pn	01 51 10.9 -1.9
EKA	Eskdalemuir Ar	23.86 324 P	Pn	01 51 13.3 -0.9
EKA	Eskdalemuir Ar	23.86 324 P	Pn	01 51 13.3 -0.9
AKTK	Aktjubinsk	28.44 53 P	Pn	01 51 54.1 -1.5
AKTK	Aktjubinsk	28.44 53 P	Pn	01 51 54.1 -1.5
BVAR	Borovoye Array	36.40 50 P	Pn	01 53 06.4 +1.1
BVAR	Borovoye Array	36.40 50 P	Pn	01 53 06.4 +1.1
AAK	Ala-Archa	39.94 66 P	Pn	01 53 37.4 +2.2
AAK	Ala-Archa	39.94 66 P	Pn	01 53 37.4 +2.2
AAK	Ala-Archa	39.94 66 P	Pn	01 53 37.4 +2.2
MK31	Makanchi Array	44.52 59 P	Pn	01 54 11.5 -1.0
MKAR	Makanchi Array	44.52 59 P	Pn	01 54 11.7 -0.8
MKAR	Makanchi Array	44.52 59 P	Pn	01 54 11.7 -0.8

comp=Z.2.0nm,0.6s

MKAR	Makanchi Array	44.52 59 P	P	01 54 11.7 -0.8
ZAL	Zalesovo Beam	44.98 48 P	P	01 54 14.4 -1.6
ZAL	Zalesovo Beam	44.98 48 P	P	01 54 14.4 -1.8
YKA	Yellowknife Ar	73.60 340 P	P	01 57 33.4 -0.5
YKA	Yellowknife Ar	73.60 340 P	P	01 57 33.4 -0.5

ISCJB 09 01:59:33.9.1.1, 3318N.003.3480E.008, h27km, 6km,  
 Error ellipse: s-maj=11.9km s-min=4.6km az=18.4  
 GII 09 01:59:34.5.0.8, 3312N.3481E, h10km, 1km, MLD 6/7  
 GRAL 09 01:59:34.5.0.8, 3329N.3472E, h34km, 35km, MD2.9  
 CSEM 09 01:59:34.5, 3329N.3472E, h34km, MD2.9, After GRAL  
 ISC 09 01:58:33.2.1.1, 3318N.003.3477E.007, h15km, 7km, n16,  
 0.6569/13, 1D, Greece

HNTI	Hanita	0.36 105 Op	Pg	01 59 42.0 +1.5
HNTI	Hanita	0.36 105 Op	Pg	01 59 47.0 +1.6
MMCT	Mount Meron ar	0.56 106 Pg	Pg	01 59 44.4 +0.4
MMCT	Mount Meron ar	0.56 106 Pg	Pg	01 59 45.5 +0.1
MMCT	Mount Meron ar	0.56 106 Pg	Pg	01 59 44.5 +0.3
MMCT	Mount Meron ar	0.56 106 Pg	Pg	01 59 45.1 +0.2
OFRI	Ofir	0.56 162 Pg	Pg	01 59 52.5 +0.5
OFRI	Ofir	0.56 162 Pg	Pg	01 59 52.6 +0.1
KSDI	Kefar Szold	0.75 89 Pg	Pg	01 59 47.8 0.0
KSDI	Kefar Szold	0.75 89 Pg	Pg	01 59 57.5 -0.2
HRI	Mount Hermon	0.82 84 Pg	Pg	01 59 49.2 +0.2
KSHT	Keshet	0.90 102 Pg	Pg	01 59 50.7 0.0
MMLI	Mount Malkishu	0.92 143 Pg	Pg	01 59 50.5 -0.6
MMLI	Mount Malkishu	0.92 143 Pg	Pg	02 00 02.5 -0.7
RCY	Rachaya	0.93 71 ePn	Pn	01 59 51.1 -0.1
RCY	Rachaya	0.93 71 ePn	Pn	02 00 03.5 0.0
SLTI	Sa'it	0.96 166 Pg	Pg	01 59 51.4 -0.4
BHL	Bhannes	1.04 45 ePn	Pg	02 00 04.2 -0.3
BHL	Bhannes	1.04 45 ePn	Pg	01 59 52.2 -1.0
BHL	Bhannes	1.04 45 ePn	Pg	02 00 05.6 -1.2
HMDT	Nahal Hemdat	1.12 145 Pg	Pg	01 59 53.9 -0.9
HMDT	Nahal Hemdat	1.12 145 Pg	Pg	02 00 08.3 -1.2
HQW	Hadwa	1.47 42 ePn	Pn	02 00 16.3 -0.2
DSI	Deaf Sea	1.69 162 Pn	Pn	02 00 23.3 +0.3
KZI	Kziot	2.29 188 Pn	Pn	02 00 21.1 +0.7
KZI	Kziot	2.29 188 Pn	Pn	02 00 38.6 +0.4

ISCJB 09 02:08:47.6.0.5, 3828N.004.2162E.003, h13km, 8km,  
 Error ellipse: s-maj=6.5km s-min=4.2km az=178.0  
 ATH 09 02:08:47.7, 3828N.2157E, h34km, MD2.9  
 NEIC 09 02:08:47.7, 3828N.2157E, h23km, MD2.9(ATH), After  
 ATH.  
 CSEM 09 02:08:48.5.0.1, 3828N.2160E, h15km, MD2.9, Error  
 ellipse: s-maj=2.4km s-min=1.9km az=152.0  
 THE 09 02:08:48.5, 3832N.2159E, h12km, MLD 2.6  
 ISC 09 02:08:48.1.0.6, 3828N.003.2161E.003, h19km, 6km, n11,  
 0.6569/13, 1D, Greece

SELA	Sela	0.22 91 ePn	Pg	02 08 53.3 0.0
SELA	Sela	0.22 91 ePn	Pg	02 08 57.4 +0.5
RLS	Riolos of Patr	0.25 208 /jP	Pb	02 08 53.9 0.0
RLS	Riolos of Patr	0.25 208 /jP	Pb	02 08 58.3 +0.5
EVRY	Ervrytania	0.65 13 ePn	Pn	02 09 00.2 0.2
EVRY	Ervrytania	0.65 13 ePn	Pn	02 09 01.4 +0.7
KFL	Annitania	0.67 256 ePn	Pn	02 09 01.2 -0.1
VLS	Valsamata	0.81 263 ePn	Pn	02 09 03.2 -0.8
VLS	Valsamata	0.81 263 ePn	Pn	02 09 15.9 +1.1
LKD	Levkas	0.87 300 ePn	Pn	02 09 04.0 -1.0
LKD	Levkas	0.87 300 ePn	Pn	02 09 16.3 -0.2
AGG	Agios Georgios	0.93 37 ePn	Pn	02 09 05.3 -0.9
AGG	Agios Georgios	0.93 37 ePn	Pn	02 09 19.0 +0.6
LTK	Loutrak	1.10 103 ePn	Pn	02 09 08.9 -0.5
ITM	Ithomi	1.13 167 ePn	Pn	02 09 09.4 +0.5
LKR	Lokris	1.15 71 ePn	Pn	02 09 09.9 -0.5
LDR	Lidra	1.51 71 ePn	Pn	02 09 26.0 +0.6
DID	Didima	1.50 121 ePn	Pn	02 09 14.8 +0.8
DID	Didima	1.50 121 ePn	Pn	02 09 35.5 -1.1

NNC 09 02:23:00.5.1.6, 4229N.8427E, h0km, mb3.4, mpv3.0,  
 Error ellipse: s-maj=15.1km s-min=14.1km az=14.0  
 BUJ 09 02:23:12.6, 4273N.8410E, h12km, MLD2.8-1D,  
 Northern Xinjiang

WMQ	Urumqi	2.84 86 ePn	Pn	02 23 59.5 +1.7
WMQ	Urumqi	2.84 86 ePn	Pn	02 24 35.5 +3.6

comp=N.42nm,0.6s

MK31	Makanchi Array	4.26 343 Pn	Pn	02 24 15.8 -1.5
MK31	Makanchi Array	4.26 343 Pn	Pn	02 24 26.7 -7.5
MK31	Makanchi Array	4.26 343 Pn	Pn	02 25 18.7 +1.2
MK31	Makanchi Array	4.26 343 Pn	Pn	02 24 15.8 -1.5
MK31	Makanchi Array	4.26 343 Pn	Pn	02 24 26.7 -7.5

comp=E.1.8nm,0.4s, baz=158,slow=16,SNR=13

KURB	Kurchatov Arra	8.77 936 /lG	Pn	02 27 52.7
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comp=E.6.3nm,0.9s

KURK	Kurchatov	8.83 337 /lG	Pn	02 27 54.1
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CSEM 09 02:24:42.7.1.1, 3714N.2453W, h5km, MLD3.3, Error  
 ellipse: s-maj=6.7km s-min=4.5km az=78.0, After PDA  
 PDA 09 02:24:42.7.1.1, 3714N.2453W, h5km, MLD3.9, MLD3.3,  
 Error ellipse: s-maj=6.7km s-min=4.5km az=78.0,  
 Azores Islands region

PSMN	Pico do Norte	0.45 252 ePn	Pg	02 24 50.7 -0.7
PSMN	Pico do Norte	0.45 252 ePn	Pg	02 24 56.6 -0.7
CMLA	Cha da Macela	1.01 308 ePn	Pg	02 24 58.7 -3.3
CMLA	Cha da Macela	1.01 308 ePn	Pg	02 25 10.4 -4.7
CMLA	Cha da Macela	1.01 308 ePn	Pg	02 24 58.7 -3.3
CMLA	Cha da Macela	1.01 308 ePn	Pg	02 25 10.4 -4.7
PDA	Ponta Delgada	1.09 304 ePn	Pg	02 25 11.9 -5.8
PSET	Sete Cidades	1.17 306 ePn	Pg	02 25 01.3 -3.8
PSET	Sete Cidades	1.17 306 ePn	Pg	02 25 14.4 -5.8
PSET	Sete Cidades	1.17 306 ePn	Pg	02 25 18.4
PSET	Sete Cidades	1.17 306 ePn		













mb3.7/8, Error ellipse: s-maj=41.2km s-min=14.0km az=167.9  
 IDC 09 07:36:25.7-1.7, 7.75N, 126.57E, h149km, 71km, mb3.4/8,  
 mb1 3.6/9, mb1mx3.4/21, mbtrp3.5/9, Error ellipse:  
 s-maj=48.6km s-min=12.9km az=75.0  
 ISC 09 07:36:22.3-2.0, 7.81N, 101.0, 126.8E, 0.2, h115km, 19km, n11,  
 o15/13, mb3.7/8, Mindanao

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
SCPH	Surigao	2.34	327	Op	Pn	07 36 53.6	-6.2
SCPH				eS	Sn	07 37 27.2	-1.4
TBP	Tagbilaran	4.34	303	eP	Sn	07 37 09.9	-4.4
TBP				eS	Sn	07 37 55.8	+1.4
JOW	Kunigami	18.97	4	P	Sn	07 40 36.6	+1.9
						0.6m, 0.3s, baz=204, slow=347, SNR=9.5	
FITZ	Fitzroy Crossi	25.77	182	P	P	07 41 42.6	+0.1
						2.2m, 0.8s, mb3.7, baz=24, slow=11, SNR=8.5	
WRA	Warramunga Arr	28.56	165	P	P	07 42 08.9	+1.4
						0.9m, 0.6s, mb3.6, baz=347, slow=10, SNR=12	
ASAR	Alice Springs	32.5	168	P	P	07 42 37.0	-1.1
						0.2m, 0.4s, mb3.2, baz=338, slow=7.3, SNR=5.0	
STKA	Stephens Creek	41.92	161	P	P	07 44 01.1	-0.6
						2.3m, 1.0s, mb3.9, baz=328, slow=13, SNR=2.3	
MKAR	Makanchi Array	54.23	324	P	P	07 45 36.9	+0.4
						1.0m, 0.6s, mb4.0, baz=127, slow=8.6, SNR=12	
ZALV	Zalesovo Beam	57.02	332	P	P	07 45 55.0	-0.9
						0.6m, 0.3s, mb4.0, baz=134, slow=6.2, SNR=3.4	
BVAR	Borovoye Array	63.97	326	P	P	07 46 41.7	-1.5
						0.6m, 0.5s, mb3.6, baz=121, slow=11, SNR=3.0	
YKA	Yellowknife Arr	95.78	24	P	P	07 49 35.8	+0.5
						0.2m, 0.6s, mb3.7, baz=302, slow=4.9, SNR=3.4	

IDC 09 07:42:31.2-0.7, 14.96N, 120.29E, h10km, mb4.1/13,  
 mb1 4.2/13, mb1mx4.1/22, mbtmp4.1/13, MS2.9/2,  
 Ms1 2.9/2, ms1mx2.7/27, Error ellipse: s-maj=62.8km  
 s-min=14.8km az=65.0  
 NEIC 09 07:42:32.8-0.3, 14.87N, 120.15E, h10km, mb4.4/3, Error  
 ellipse: s-maj=24.8km s-min=7.1km az=66.0  
 NEIC Felt [III PIVS] at Subic and [II PIVS] at Porac.  
 ISCJB 09 07:42:37.9-0.6, 14.90N, 003.3, 119.89E, 0.06, h59km, 6km,  
 mb4.1/16, Error ellipse: s-maj=10.0km s-min=4.8km  
 az=177.9  
 MAN 09 07:42:42, 14.92N, 120.21E, h16km, mb4.3, ML3.1, MS2.9  
 ISC 09 07:42:39.1-0.6, 14.89N, 003.3, 119.93E, 0.06, h53km, 7km,  
 n44, o124/53, mb4.1/16, 3C-5D, Luzon

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
NBP	Mount Natib	0.49	108f	eP	Pn	07 42 49.5	-1.2
NBP				eS	Sn	07 42 57.0	-2.0
NBP	Mount Natib	0.49	108	eP	Pn	07 42 58.3	+7.6
SCZP	Santa Cruz	0.88	102	eP	Pn	07 42 58.4	-3.0
QVPH	Quezon City-P	1.12	102f	eP	Pn	07 42 59.2	+0.6
QVPH				eS	Sn	07 43 14.6	+1.5
NZB	Bigte	1.13	91f	eP	Pn	07 42 58.2	-0.6
NZB				eS	Sn	07 43 13.5	+0.1
LUBP	Lubang	1.19	165	eP	Pn	07 42 58.5	-1.1
TGY	Tagaytay City	1.25	192	fP	Pn	07 43 02.1	+1.7
TGY				fS	Sn	07 43 22.0	+5.8
PCPH	Palayan	1.31	59f	eP	Pn	07 42 59.6	-1.5
PCPH				fS	Sn	07 43 15.7	-2.0
LBPH	Los Banos	1.42	121	eP	Pn	07 43 03.7	+1.1
LBPH	Los Banos	1.42	121f	eP	Pn	07 43 04.2	+3.0
LBPH				eS	Sn	07 43 10.2	-1.0
BOLP	Bolinao	1.48	359	eP	Pn	07 43 00.7	-2.8
BCPH	Baguio City Da	1.61	231f	fP	Pn	07 43 04.1	-1.1
BCPH				fS	Sn	07 43 23.4	-1.4
PGP	Puerto Galera	1.70	144f	eP	Pn	07 43 07.1	+0.6
LQP	Luban	1.74	116	eP	Pn	07 43 08.4	+1.4
BALP	Baler	1.80	82	eP	Pn	07 43 07.4	-0.4
BALP				eS	Sn	07 43 29.5	-0.1
POLP	Polillo Island	1.95	95	eP	Pn	07 43 11.2	+1.3
BOAC	Boac	2.34	127	eP	Pn	07 43 16.7	+1.5
ABRA	Dolores	2.84	15	eP	Pn	07 43 23.6	+1.5
ABRA				eS	Sn	07 43 58.4	-0.3
BUSP	Coron	2.88	175	eP	Pn	07 43 24.2	+1.6
BUSP				eS	Sn	07 43 55.8	-0.3
APYP	Conner	3.21	23	eP	Pn	07 43 27.8	+0.6
APYP				eS	Sn	07 44 05.9	+1.7
FALP	Palanan	3.23	48	eP	Pn	07 43 29.4	+2.1
JOW	Kunigami	14.20	32	LR	LR	07 50 43.8	
						comp=2.50m, 20.1s, baz=249, slow=35	
KSRS	Korea Array	23.57	16	LR	LR	07 58 13.8	
						comp=2.31m, 19.0s, baz=215, slow=40	
SONM	Songino Array	34.71	34	P	P	07 49 22.5	-1.2
						0.5m, 0.4s, mb3.8, baz=110, slow=7.8, SNR=2.6	
WRAB	Tennant Creek	37.40	157	eP	Pn	07 49 44.8	-2.2
						1.1m, 0.9s, mb4.7	
WRA	Warramunga Arr	37.41	157	P	P	07 49 45.5	-1.5
						7.9m, 0.7s, mb3.7, baz=336, slow=9.5, SNR=68	
WB2	Warramunga Arr	37.41	157	eP	P	07 49 45.3	-1.7
ASAR	Alice Springs	40.69	160	P	P	07 50 13.3	-1.0
						2.7m, 0.6s, mb4.1, baz=340, slow=7.0, SNR=43	
MKAR	Makanchi Array	54.23	324	P	P	07 50 47.9	+1.8
MKAR						4.63 323 P	
						0.9m, 0.6s, mb3.3, baz=129, slow=9.6, SNR=4.3	
ZALV	Zalesovo Beam	47.66	333	P	P	07 51 10.4	+0.6
						0.6m, 0.3s, mb4.0, baz=127, slow=38, SNR=2.9	
KURK	Kurchatov	48.79	326	eP	Pn	07 51 19.0	+0.4
						1.1m, 0.7s, mb4.3	
STKA	Stephens Creek	50.93	156	P	P	07 51 33.4	-1.6
						0.5m, 0.4s, mb3.8, baz=333, slow=2.3, SNR=3.4	
BVAR	Borovoye Array	54.37	326	P	P	07 52 01.2	+1.0
						0.4m, 0.4s, mb3.7, baz=179, slow=3.3, SNR=3.8	
AKTK	Aktjubinsk	60.83	320	P	P	07 52 46.8	+1.1
AKTK						60.83 320 P	
						0.8m, 0.5s, mb4.1, baz=92, slow=9.9, SNR=6.1	
ARCES	ARCES Array	74.71	339	P	P	07 54 29.8	+0.1
						3.7m, 0.8s, mb3.4, baz=70, slow=7.8, SNR=9.8	
FINES	FINESS Array B	78.89	331	P	P	07 54 34.6	+0.1
						1.0m, 0.5s, mb4.0, baz=60, slow=6.1, SNR=7.0	
AKASG	Main Array Be	79.07	320	P	P	07 54 37.4	-0.1
						0.2m, 0.3s, mb3.5, baz=127, slow=4.4, SNR=4.2	
EGAKE	Eagle	80.41	25	eP	Pn	07 54 44.3	-0.2
						2.3m, 0.7s, mb4.2	
DAWY	Dawson	81.26	26	eP	Pn	07 54 49.6	+0.1
INK	Inuvik	82.34	21	eP	Pn	07 54 53.8	-0.5
						0.9m, 0.7s, mb3.8, baz=79, slow=5.3, SNR=7.6	
NB2	NORSAR Subarra	85.86	332	P	P	07 55 12.2	-0.5
						comp=2.2, 2m, 0.8s, mb4.4, baz=68, slow=5.1	
NOA	NORSAR Array B	85.86	332	P	P	07 55 12.6	-0.2
						comp=2.2, 7m, 0.8s, mb4.6, baz=67, slow=5.0, SNR=6.6	

BUI 09 07:50:01.1, 39.54N, 125.07W, h16km, mb5.3, mb5.2, Ms5.2,  
 Ms4.8  
 GCMT 09 07:50:03.8-0.2, 40.34N, 125.01W, h19km, MW5.4/106,  
 Moment Tensor Solution, s71, c104, s106, c201;  
 Duration: 1s2 Moment tensor: Scale 1017Nn;  
 Mn-0.17s; 0.02; Mw-0.24s; 0.02; M0-0.41s; 0.02; M0-0.22s; 0.04;  
 Mw-1.25s; 0.02; Mw-0.30s; 0.04; Best double couple:  
 M0=0.0000; 101; NP=1.000000; 87.5.000000;  
 N=1.70.000000; NP2=6.000000; 881.000000; A=15.000000;  
 Principal axes: T=1.3850, P1g4.0000, Azm53.0000; N  
 -0.0690, P1g2.0000; Azm155.0000; P=1.3160,  
 P1g17.0000; Azm322.0000; nsta1 refers to body waves,  
 cutoff=40s. nsta2 refers to surface waves, cutoff=50s.  
 NEIC 09 07:50:03.8, 40.38N, 125.02W, h10km, mb5.3/144,  
 MS4.8/106, MW5.2(BRK), After NCECD.  
 NEIC Felt [V] at Whitehorn; [IV] at Carlotta, Ferndale, Rio Dell  
 and Scotia; [III] at Eureka, Fortuna, Garberville, Leggett,  
 Loloita, Myers Flat and Redway; [II] at Arcata and  
 Hydenville. Also felt at Aldbon, Alderpoint, Benicia,  
 Berkeley, Bridgeville, Delano, Fort Bragg, Laytonville, Little  
 River, Martinez, McKinleyville, Mendocino, Pacifica,  
 Petrolia, Pleasant Hill, Sunnyvale, Trinidad, Westport and  
 Willits.  
 ISCJB 09 07:50:04.3-0.6, 40.42N, 001.1, 124.82W, 0.02, h5km, 3km,  
 mb5.1/190, MS4.8/139, Error ellipse: s-maj=3.2km  
 s-min=1.8km az=160.2  
 MOS 09 07:50:05.9-0.9, 40.38N, 124.77W, h16km, mb5.3/81,  
 MS4.8/37, Error ellipse: s-maj=5.3km s-min=4.4km  
 az=79.0  
 IDC 09 07:50:05.0-1.0, 40.46N, 124.75W, h0km, mb4.7/20,  
 mb1 4.9/25, mb1mx4.8/31, mbtmp4.7/25, ML 4.2/5, MS4.6/25,  
 Ms1 4.6/25, ms1mx4.6/25, Error ellipse: s-maj=15.2km

s-min=9.1km az=50.0  
 SZGRF 09 07:50:13.9, 40.80N, 124.44W, h33km, mb5.0, MS4.8, Near  
 coast of northern California, United States  
 ISC 09 07:50:08.9-0.6, 40.40N, 001.1, 124.82W, 0.03, h24km, 4km,  
 h15km, 3.1km, pP-P, m896, o112/832, mb5.1/190, MS4.8/139,  
 242C-17D, Near coast of northern California

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
JCC	Jacoby Creek	0.71	57	Op	Pn	07 50 20.9	-1.8
						baz=0.4, SNR=1000	
001C	Eel River Cons	0.82	111	P	Pb	07 50 22.9	-1.6
						baz=0.7, SNR=695	
001C				fS	Sn	07 50 34.9	-0.1
KIPM	Iron Peak	1.20	121	eP	Pn	07 50 28.0	-2.2
KIPM				eS	Sn	07 50 46.5	+0.8
KCPM	Cahto Peak	1.21	128	eP	Pn	07 50 27.8	-2.5
KCPM				fP	Pn	07 50 28.7	-1.7
N02C	Big Bar	1.22	71	fP	Pn	07 50 28.7	-1.7
						baz=0.8, SNR=1000	
KRMB	Red Mountain	1.29	32f	fP	Pn	07 50 29.0	-2.4
KRMB				eS	Sn	07 50 44.9	-2.9
P01C	Double 8 Ranch	1.49	130	fP	Pn	07 50 31.6	-2.6
						baz=1.4, SNR=1000	
P01C				fS	Sn	07 50 49.0	-3.9
M01C	Crescent City	1.51	20	P	Pn	07 50 31.6	-2.8
						baz=1.3, SNR=311	
001C				fS	Sn	07 50 49.9	-3.3
M02C	Red Bluff	1.58	99	fP	Pn	07 50 33.9	-1.4
						baz=1.3, SNR=1000	
WDC	Whiskeytown Da	1.74	84f	fP	Pn	07 50 36.0	-1.6
WDC				eS	Sn	07 50 58.0	-1.1
WDC	Whiskeytown Da	1.74	84	fP	Pn	07 50 36.1	-1.6
						baz=1.5, SNR=1000	
WDC				fS	Sn	07 50 57.9	-1.2
M02C	Callahan	1.77	57	P	Pn	07 50 36.3	-1.7
						baz=1.5, SNR=1000	
GASB	Alder Springs	1.79	115	fP	Pn	07 50 36.1	-2.2

CWC	Cottonwood Cre baz=6.5,SNR=11	6.62 125	↑P	Pn	07 51 44.3	-0.4
Q10A	Clear Creek Ra baz=6.1	6.70 101	↑P	Pn	07 51 45.6	-0.1
J10A	Berg Farm, Mel baz=6.4	6.71 61	↑P	Pn	07 51 44.6	-1.2
E06A	Yakima baz=6.5,SNR=39	6.71 23	↑P	Pn	07 51 45.9	0.0
GRAC	Grapevine Rang baz=6.6	6.76 118	↑P	Pn	07 51 45.2	-1.4
H09A	Durkee baz=6.5,SNR=9.2	6.77 49	↑P	Pn	07 51 47.3	+0.6
PKM	Peak Mountain baz=6.8,SNR=37	6.80 143	↑P	Pn	07 51 44.0	-3.1
S10A	Tonopah Range, baz=6.7	6.87 109	↑P	Pn	07 51 47.4	-0.6
M11A	Holland Ranch, baz=6.6	6.91 79	↑P	Pn	07 51 47.5	-1.1
N11A	Elko Archery C baz=6.6	6.92 84	↑P	Pn	07 51 47.6	-1.2
R10A	Warm Springs baz=6.7,SNR=13	6.94 105	↑P	Pn	07 51 48.0	-1.0
F08A	Pendleton baz=6.7,SNR=5.8	6.95 38	↑P	Pn	07 51 49.8	+0.7
I10A	Payette baz=6.5,SNR=19	6.98 56	↑P	Pn	07 51 50.1	+0.6
K11A	Parker Ranch, baz=6.7,SNR=14	6.99 68	↑P	Pn	07 51 50.0	+0.3
NLWA	Neilton Lookou comp=Z,31nm,1.0s	6.99 5	ePn	Pn	07 51 49.7	0.0
NLWA	Neilton Lookou baz=6.8	6.99 5	↑P	Pn	07 51 49.0	-0.6
O11A	Cowboy Ranch, baz=6.8	7.01 90	↑P	Pn	07 51 49.7	-0.4
P11A	Circle Ranch, baz=6.8	7.02 94	↑P	Pn	07 51 49.6	-0.5
L11A	Cat Creek Ranch baz=6.7	7.04 73	↑P	Pn	07 51 49.5	-1.0
D05A	Enumclaw baz=6.5,SNR=11	7.05 16	↑P	Pn	07 51 49.9	-0.7
BMO	Blue Mountains comp=Z,394nm,0.8s	7.08 49	ePn	Pn	07 51 51.9	+0.9
HAWA	Hanford comp=Z,248nm,1.1s	7.09 31	ePn	Pn	07 51 51.1	-0.2
E07A	Sunnyside baz=6.8	7.11 29	↑P	Pn	07 51 51.6	-2.8
ARVC	Arvin baz=7.1,SNR=30	7.11 136	↑P	Pn	07 51 53.6	+0.5
MPMC	Manual Prospec baz=7.1,SNR=95	7.23 125	↑P	Pn	07 51 53.3	0.0
Q11A	Duckwater baz=7.0,SNR=62	7.25 100	↑P	Pn	07 51 54.2	+0.7
H10A	Noah's Angus R baz=7.0,SNR=23	7.27 53	↑P	Pn	07 51 55.1	+1.1
F09A	S2 Ranch, Elgi baz=7.0	7.30 42	↑P	Pn	07 51 55.0	+0.6
MFID	Camas Ranch baz=7.0	7.34 63	↑P	Pn	07 51 54.7	+0.1
D06A	Cle Elum baz=7.1	7.34 22	↑P	Pn	07 51 54.6	-0.2
E08A	Dider Farm, El baz=7.1	7.36 33	↑P	Pn	07 51 55.6	+0.3
FURC	Furnace Creek, baz=7.3	7.39 120	↑P	Pn	07 51 55.4	+0.1
C04A	Brinnon baz=7.2	7.40 10	↑P	Pn	07 51 56.8	+0.8
I11A	Placerville baz=7.1,SNR=9.8	7.44 59	↑P	Pn	07 51 55.5	-0.5
R11A	Troy Canyon, C baz=7.2,SNR=18	7.45 103	↑P	Pn	07 51 55.4	-0.6
N12A	Clover Valley, baz=7.2	7.45 84	↑P	Pn	07 51 57.4	+1.4
G10A	Bishop Farm, J baz=7.2,SNR=38	7.45 47	↑P	Pn	07 51 56.0	-0.7
LRMC	Laurel Mountai baz=7.2,SNR=23	7.50 129	↑P	Pn	07 51 59.0	+1.6
TPNV	Topopah Spring comp=Z,69nm,0.9s	7.55 115	ePn	Pn	07 51 58.1	+0.7
TPNV	Topopah Spring comp=Z,72nm,0.9s	7.55 115	ePn	Pn	07 51 59.0	+1.6
TPNV	Topopah Spring baz=7.4	7.55 115	↑P	Pn	07 51 58.1	+0.7
OSI	Osito Adit baz=7.5	7.56 138	↑P	Pn	07 51 56.3	-1.3
M12A	Wells baz=7.3,SNR=10	7.57 79	↑P	Pn	07 51 58.8	+0.8
L12A	House Creek Ra baz=7.3	7.58 74	↑P	Pn	07 51 57.8	+0.7
S11A	Rachel baz=7.4	7.59 109	↑P	Pn	07 51 57.8	+0.3
C05A	Toit Reservoir baz=7.4	7.60 16	↑P	Pn	07 51 58.8	+0.6
D07A	Quincy baz=7.4,SNR=39	7.61 26	↑P	Pn	07 51 59.6	+0.5
P12A	McGill baz=7.4,SNR=12	7.68 94	↑P	Pn	07 51 59.3	-0.1
O12A	Currie baz=7.4,SNR=86	7.70 88	↑P	Pn	07 51 59.1	-1.0
EDW2	Edwards Air Fo baz=7.7,SNR=58	7.75 134	↑P	Pn	07 52 00.7	+0.4
K12A	Draper Farm, C baz=7.5	7.76 70	↑P	Pn	07 52 01.9	+1.5
H11A	Donnelly baz=7.5,SNR=29	7.77 54	↑P	Pn	07 52 00.3	-0.2
E09A	Wood Farm, Sta baz=7.5	7.78 36	↑P	Pn	07 52 01.0	+0.3
J12A	Stokes Ranch, baz=7.5	7.79 66	↑P	Pn	07 51 58.5	-2.4
BLG	Laguna Peak baz=7.8	7.80 142	↑P	Pn	07 52 01.4	+0.2
Q12A	Willow Creek R baz=7.6,SNR=11	7.82 97	↑P	Pn	07 52 02.1	+0.2
D08A	Wollman Farm, baz=7.6	7.88 31	↑P	Pn	07 52 05.1	+1.6
G11A	Walter Elk Ra baz=7.7,SNR=44	8.00 49	↑P	Pn	07 52 03.8	+0.3
C06A	Tall Timber Ra baz=7.8	8.02 24	↑P	Pn	07 52 04.4	+0.5
C07A	Waterville baz=7.8,SNR=15	8.02 24	↑P	Pn	07 52 03.8	-0.5
DECC	Green Verdugo baz=8.0	8.05 138	↑P	Pn	07 52 04.9	+0.5
B05A	Bryant baz=7.9,SNR=20	8.07 13	↑P	Pn	07 52 05.1	+0.4
N13A	Wendover, West baz=7.8	8.08 84	↑P	Pn	07 52 04.9	-0.2
SHOC	Shoshone baz=8.0	8.11 121	↑P	Pn	07 52 06.0	+0.7
M13A	Montello baz=7.8	8.12 80	↑P	Pn	07 52 04.9	-0.4
D09A	Jones Farm, Ri baz=7.9	8.13 33	↑P	Pn	07 52 06.6	+1.1
T11A	Corn Creek, Al baz=7.9	8.14 110	↑P	Pn	07 52 05.8	+0.2
GSC	Goldstone comp=Z,98nm,0.5s	8.15 126	ePn	Pn	07 52 05.8	+0.2
GSC	Goldstone comp=Z,98nm,0.5s	8.15 126	ePn	Pn	07 52 05.7	+0.1
R12A	Pony Springs, baz=8.0,SNR=17	8.19 102	↑P	Pn	07 52 07.7	+0.8
E10A	Myers Farm, Un baz=8.0	8.24 40	↑P	Pn	07 52 07.8	+0.5
S12A	Delamar Landin baz=8.1	8.26 107	↑P	Pn	07 52 08.5	+1.2
PGC	Sidney comp=Z,178nm,0.9s	8.27 6	ePn	Pn	07 53 34.5	-5.3
PGC	Hicks Ranch, I baz=8.0	8.29 89	↑P	Pn	07 52 08.6	+1.0
ORX	Edison Barstow baz=8.2,SNR=14	8.32 129	↑P	Pn	07 52 08.2	+0.2
K13A	Stover Farm, H baz=8.1	8.35 71	↑P	Pn	07 52 10.3	+1.9
F11A	Grangeville baz=8.1,SNR=41	8.35 46	↑P	Pn	07 52 09.5	+1.1
L13A	Hailey baz=8.1,SNR=9.2	8.36 65	↑P	Pn	07 52 08.8	+0.3
HLD	Double Diamond baz=8.1	8.36 75	↑P	Pn	07 52 08.9	+0.4
P13A	Bates Ranch, G baz=8.1,SNR=45	8.36 93	↑P	Pn	07 52 08.4	-0.8
BFSC	Mount Billy St baz=8.4,SNR=8.2	8.41 135	↑P	Pn	07 52 09.2	-0.2
B06A	Marblemount baz=8.2	8.43 15	↑P	Pn	07 52 09.2	-0.2
H12A	Diamond D Ranc baz=8.1,SNR=18	8.43 58	↑P	Pn	07 52 11.2	+1.7
C08A	Higginbotham F baz=8.2	8.44 28	↑P	Pn	07 52 09.5	0.0
Q13A	Wheeler Ranch, baz=8.2	8.46 97	↑P	Pn	07 52 10.2	+0.3
J13A	Cove Ranch, Pi baz=8.2	8.47 66	↑P	Pn	07 52 10.8	+0.8
D10A	Wagner Farm, O baz=8.3	8.58 37	↑P	Pn	07 52 11.2	-0.3
TUQ	Turquoise Mtn. baz=8.3	8.62 123	↑P	Pn	07 52 12.6	+0.5
E11A	Bogner Ranch, baz=8.3	8.62 44	↑P	Pn	07 52 12.9	+0.8
I13A	Wildhorse Cree baz=8.4,SNR=13	8.68 63	↑P	Pn	07 52 13.8	+1.0
B07A	Winthrop baz=8.5,SNR=8.6	8.70 21	↑P	Pn	07 52 13.3	+0.2
V11A	Goodsprings baz=8.6	8.70 119	↑P	Pn	07 52 13.4	+0.1
T12A	Moapa baz=8.6	8.74 112	↑P	Pn	07 52 15.2	+1.5
C09A	Chrisman Ranch baz=8.5	8.74 30	↑P	Pn	07 52 14.2	+0.6
M14A	Sheep Mountain baz=8.5,SNR=1.6	8.75 79	↑P	Pn	07 52 14.8	+1.0
HEC	Hector,Ludlow baz=8.6,SNR=36	8.75 127	↑P	Pn	07 52 14.0	+0.1
A05A	Maple Falls baz=8.6,SNR=9.4	8.78 12	↑P	Pn	07 52 15.2	+0.9
F12A	Elk City baz=8.5,SNR=17	8.79 50	↑P	Pn	07 52 15.7	+1.3
BBRC	Big Bear Sol-O baz=8.7,SNR=17	8.80 132	↑P	Pn	07 52 14.0	-0.6
H13A	Challif baz=8.5,SNR=25	8.83 59	↑P	Pn	07 52 14.5	+0.6
B08A	Colville Reser baz=8.4,SNR=14	8.84 25	↑P	Pn	07 52 16.0	+0.7
N14A	Graylock Hill baz=8.6,SNR=9.3	8.86 84	↑P	Pn	07 52 18.0	+1.1
BGU	Big Grassy Mou baz=8.7	8.97 83	ePn	Pn	07 52 17.2	+0.2
A06A	Chilliwack baz=8.7	8.98 14	↑P	Pn	07 52 17.4	+0.3
K14A	Jones Ranch, D baz=8.7	8.99 73	↑P	Pn	07 52 17.4	+0.2
S13A	Holt Ranch, En baz=8.8	8.99 105	↑P	Pn	07 52 16.9	-0.4
U12A	Valley F Fire baz=8.8	9.00 113	↑P	Pn	07 52 17.6	+0.1
D11A	Klaveano Farm, baz=8.7	9.02 40	↑P	Pn	07 52 19.4	+1.1
G13A	Cobalt baz=8.8,SNR=11	9.07 56	↑P	Pn	07 52 18.7	-0.6
MURC	Murrieta baz=9.0	9.14 136	↑P	Pn	07 52 17.3	-1.9
C10A	Spiker Farm, baz=9.0	9.16 34	↑P	Pn	07 52 20.0	+0.5
V12A	Nelson baz=9.0	9.16 118	↑P	Pn	07 52 19.8	+0.2
A07A	Ashnola River, baz=8.9	9.17 19	↑P	Pn	07 52 20.7	+1.0
DUG	Dugway comp=Z,212nm,1.0s	9.18 88	ePn	Pn	07 52 20.7	+1.0
DUG	Dugway comp=Z,212nm,1.0s	9.18 88	ePn	Pn	07 52 20.2	+0.5
DUG	Dugway baz=8.9	9.18 88	↑P	Pn	07 52 20.0	+0.2
T13A	Saint George baz=9.0	9.18 108	↑P	Pn	07 52 21.0	+1.1
HVU	Hansel Valley comp=Z,74nm,1.0s	9.19 78	ePn	Pn	07 52 21.0	+1.1
HVU	Hansel Valley comp=Z,74nm,1.0s	9.19 78	ePn	Pn	07 52 19.6	-0.4
GMRC	Granite Mounta baz=9.1,SNR=19	9.20 125	↑P	Pn	07 52 22.3	+1.8
ARUT	Antelope Range Rice	9.23 103	ePn	Pn	07 52 20.8	-0.6
B09A	Rock Hills baz=9.0	9.30 29	↑P	Pn	07 52 22.5	+0.4
F13A	Darby baz=9.0,SNR=16	9.35 82	↑P	Pn	07 52 23.2	+1.0
N15A	Stansbury Isla baz=9.0	9.36 83	↑P	Pn	07 52 22.8	+0.4
CCUT	Occ City baz=9.1	9.37 104	ePn	Pn	07 52 23.1	+0.6
R14A	James Farms, M baz=9.2	9.38 97	↑P	Pn	07 52 22.6	0.0
A08A	Turner Farm, O baz=9.2	9.39 23	↑P	Pn	07 52 22.6	0.0
W12A	Cal Nev Ari baz=9.2	9.39 120	↑P	Pn	07 52 24.3	+1.3
SPUT	South Promonto Pakoon Wash	9.41 81	ePn	Pn	07 52 23.3	+0.4
U13A	Pinyon Flat Ob comp=Z,352nm,0.5s,SNR=17	9.41 112	↑P	Pn	07 52 24.6	+1.6
M15A	Larsen Ranch, baz=9.1	9.42 80	↑P	Pn	07 52 24.2	+0.8
S14A	Cedar City baz=9.2	9.44 103	↑P	Pn	07 52 23.8	+0.4
D12A	Red Ives Fores baz=9.2	9.52 43	↑P	Pn	07 52 23.9	-0.6
BELC	Belle Mtn. baz=9.4,SNR=58	9.52 130	↑P	Pn	07 52 23.8	-1.0
PFO	Pinyon Flat Ob comp=Z,352nm,0.5s,SNR=17	9.54 133	ePn	Pn	07 52 23.6	-1.2
PFO	Pinyon Flat Ob comp=Z,46nm,0.7s	9.54 133	ePn	Pn	07 52 23.6	-1.1
PFO	Pinyon Flat Ob comp=Z,46nm,0.7s	9.54 133	ePn	Pn	07 52 24.4	-0.3
PFO	Pinyon Flat Ob comp=Z,8.4nm,0.3s,baz=314,slow=11,SNR=80	9.54 133	ePn	LR	07 56 16.0	
PFO	Pinyon Flat Ob comp=Z,4um,18.9s,baz=310					







Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like San Pablo, Damuels, Geress Array S, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Vianos, Chera, Chera, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Taipei, Wuhuan, Wuhuan, etc.



Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	h	m	s	ISC
MONP	Monument Peak	10.07	135	P	Pn	08 09 59.0	+1.1				
D13A	Huson	10.15	45	UP	Pn	08 09 59.3	+0.3				
H1W7	Hardware Ranch	10.18	78	ePn	Pn	08 10 02.3	+2.9				
MSO	Missona	10.28	47	ePn	Pn	08 10 02.4	+1.7				
E14A	Clinton	10.31	50	UP	Pn	08 10 01.8	+0.7				
G15A	Dillon	10.34	58	UP	Pn	08 10 02.1	+0.5				
DLMT	Dillon	10.35	57	ePn	Pn	08 10 02.9	+1.1				
C13A	Hot Springs	10.46	42	UP	Pn	08 10 03.5	+0.3				
A11A	Hall Mountain	10.56	32	UP	Pn	08 10 04.9	+0.2				
Y12C	Blythe	10.57	125	UP	Pn	08 10 06.2	+1.4				
F15A	Butte	10.63	55	UP	Pn	08 10 05.4	-0.1				
D14A	Greenough	10.67	47	UP	Pn	08 10 06.6	+0.5				
CHMT	Chamberlain Mo	10.72	48	ePn	Pn	08 10 07.8	+1.1				
E15A	Deer Lodge	10.81	52	UP	Pn	08 10 08.8	+0.8				
GLA	Glamis	10.86	129	UP	Pn	08 10 08.6	-0.2				
GLA	Glamis	10.86	129	UP	Pn	08 10 09.0	+0.2				
TPAW	Teton Pass	10.88	68	ePn	Pn	08 10 10.1	+1.2				
QLMT	Earthquake Lak	10.92	61	ePn	Pn	08 10 11.5	+2.0				
REDT	Red Top Meadow	10.92	61	ePn	Pn	08 10 10.8	+1.2				
C14A	Swan Lake	10.95	43	UP	Pn	08 10 10.8	+0.9				
Y13A	Salome	10.97	123	UP	Pn	08 10 11.2	+0.9				
IMW	Indian Meadow	10.98	66	ePn	Pn	08 10 11.9	+1.5				
B13A	Whitefish	10.98	39	UP	Pn	08 10 10.5	+0.1				
SNOW	Snow King Moun	11.01	69	ePn	Pn	08 10 14.2	+3.4				
BOZ	Bozeman (W)	11.09	57	ePn	Pn	08 10 11.8	0.0				
BOZ	Bozeman (W)	11.09	57	UP	Pn	08 10 11.9	0.0				
FLWY	Flagg Ranch	11.20	66	ePn	Pn	08 10 15.7	+2.4				
D15A	Lincoln	11.21	49	UP	Pn	08 10 14.3	+0.9				
HRY	Holter Researc	11.44	52	ePn	Pn	08 10 17.0	+0.3				
LKWY	Lake	11.53	64	ePn	Pn	08 10 12.4	+3.5				
BBB	Bella Bella	12.07	351	Pn	Pn	08 10 28.3	+3.0				
BBB	Bella Bella	12.07	351	Pn	Pn	08 10 28.3	+3.0				
CGMT	Greycliff	12.42	59	ePn	Pn	08 10 30.3	+0.5				
PV10	Paradox Valley	12.44	94	ePn	Pn	08 10 33.4	+3.0				
115A	Sonoran Desert	12.71	123	UP	Pn	08 10 36.2	+2.1				
PV01	Paradox Valley	12.86	95	ePn	Pn	08 10 41.0	+4.9				
116A	Eloy	13.14	122	UP	Pn	08 10 42.3	+2.3				
EGMT	Eagleton	13.32	50	ePn	Pn	08 10 41.7	-0.6				
EGMT	Eagleton	13.32	50	UP	Pn	08 10 41.7	-0.6				
117A	Oracle	13.77	120	UP	Pn	08 10 51.0	+2.5				
318A	Orsbee	14.98	122	UP	Pn	08 11 06.7	+1.7				
EDM	Edmonton	15.12	28	eP	Pn	08 11 04.7	-2.0				
SDCO	Great Sand Dun	15.30	93	eP	Pn	08 11 12.3	+3.0				
319A	Douglas	15.48	120	UP	Pn	08 11 13.9	+2.2				
ANMO	Albuquerque	15.56	104	Pn	Pn	08 11 12.3	-0.4				
ANMO	Albuquerque	15.56	104	Pn	Pn	08 11 12.3	-0.4				
DLBC	Dease Lake	18.43	351	eP	Pn	08 11 51.7	+3.1				
DLBC	Dease Lake	18.43	351	eP	Pn	08 11 52.7	+4.1				
TXAR	Lajas Array	20.45	116	P	P	08 12 14.1	+2.2				
FFC	Flin Flon	21.02	39	P	P	08 12 16.0	-0.9				
ECSD	ERCOS Sioux Fal	21.25	71	eP	P	08 12 16.4	-3.1				
KSU1	Kansas State U	21.78	84	eP	P	08 12 27.4	+2.3				
AGMM	Agassiz Refuge	22.17	59	eP	P	08 12 28.5	-0.8				
ULM	Lac du Bonnet	22.59	54	P	P	08 12 31.3	-2.3				
YKA	Yellowknife Ar	23.06	12	P	LR	08 12 38.0	-0.6				
YKA	Yellowknife Ar	23.06	12	P	LR	08 12 38.0	-0.6				
YKA	Yellowknife Ar	23.06	12	P	LR	08 12 38.0	-0.6				
DAWY	Dawson	25.26	345	eP	P	08 13 00.8	+1.5				
JFW5	Jewell Farm	25.94	73	eP	P	08 13 06.3	+0.7				
FCC	Fort Churchill	26.85	36	eP	P	08 13 13.2	-0.4				
INK	Inuvik	28.44	353	P	P	08 13 33.1	+5.4				
RES	Resolute Bay	37.13	13	eP	P	08 14 43.2	-0.4				
SCHO	Schefferville	40.58	49	P	P	08 15 12.6	-0.1				
PPT	Papeete	62.00	207	LR	LR	08 38 58.4					
CNC2	Changchun	75.02	315	eP	P	08 19 13.3	-1.6				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 20 04.1	-1.1				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 20 08.9	+0.3				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 20 12.2	+3.0				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 20 19.6	+0.5				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 20 22.2	+3.0				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 20 27.9	-2.8				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 30 33.9	-2.3				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 35 55.3	-3.7				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 38 58.4					
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 40 13.3	-1.6				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 40 39.1	+1.9				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 40 43.0	+1.5				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 40 45.1	-1.2				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 40 48.5	-2.2				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 41 05.8	+0.4				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 41 52.1	-0.3				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 31 42.2					
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 32 11.6	-0.8				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 38 44.3	-4.5				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 21 08.2	-2.0				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 21 28.3	+0.6				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 33 10.7	+0.3				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 20 18.9	+0.3				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 20 39.1	+1.9				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 40 43.0	+1.5				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 40 45.1	-1.2				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 40 48.5	-2.2				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 41 05.8	+0.4				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 41 52.1	-0.3				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 31 42.2					
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 32 11.6	-0.8				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 38 44.3	-4.5				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 21 08.2	-2.0				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 21 28.3	+0.6				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 33 10.7	+0.3				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 20 18.9	+0.3				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 20 39.1	+1.9				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 40 43.0	+1.5				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 40 45.1	-1.2				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 40 48.5	-2.2				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 41 05.8	+0.4				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 41 52.1	-0.3				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 31 42.2					
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 32 11.6	-0.8				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 38 44.3	-4.5				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 21 08.2	-2.0				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 21 28.3	+0.6				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 33 10.7	+0.3				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 20 18.9	+0.3				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 20 39.1	+1.9				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 40 43.0	+1.5				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 40 45.1	-1.2				
HHC	Hu-ho-hao-te	84.29	321	eP	P	08 40 48.5	-2.2				









Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like 319A Douglas, MOE Monter, Y2C2 IRIS PASSCALI, PVAQ Vaqueiros, etc.

TEH 09 09:07:21.9, 2748N-5781E, h10km, ML3.7

ISCJB 09 09:07:58.1, 0.5, 2720N-003:5779E-004, h10km, Error

ellip: s-maj=5.7km s-min=3.9km az=0.1

CSEM 09 09:08:01.1, 0.2, 2725N-5784E, h40km, ML3.7, Error

ellip: s-maj=4.9km s-min=2.6km az=115.0

THR 09 09:08:01.4, 0.5, 2732N-5772E, h3km, 5km, ML3.6

ISC 09 09:08:00.1, 1.1, 2731N-003:5781E-005, h17km, 7km, n28,

n143/35, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IBND Bandar-abas, BNSD Bandar-Abbas, BANOM Banah, etc.

CSEM 09 09:11:31.3, 3822N-2176E, h15km, ML2.5, After THE

THE 09 09:11:31.3, 3822N-2176E, h15km, ML2.5, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SELA Sela, KFL Annata, VLS Vissamata, etc.

IDC 09 09:13:06.3, 3.8, 4403N:12849W, h0km, mb3.5/3,

mb1 3.8/6, mb1mx3.6/24, mbtmp3.6/6, ML3.3/3, MS3.1/3,

Ms1 3.1/3, ms1mx2.9/21, Error ellipse: s-maj=61.4km

s-min=22.0km az=71.0

ISCJB 09 09:13:07.0, 0.6, 4414N-003:12853W-006, h10km,

mb4 0/6, Error ellipse: s-maj=6.4km s-min=4.3km

az=169.0

NEIC 09 09:13:07.3, 1.6, 4418N:12890W, h10km, mb4.1/11, Error

ellip: s-maj=20.1km s-min=9.1km az=79.0

ISC 09 09:13:11.3, 1.2, 4411N-003:12864W-008, h34km, 14km,

n109, s122/121, mb4.0/6, 27C-31D, Off coast of Oregon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KEBM Edson Butte, HOZA Toledo, IO2A Mapleton, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IMW Indian Meadow, HWUT Hardware Ranch, TPWV Teton Pass, etc.

ISCJB 09 09:20:37.9, 0.5, 3804N-003:2294E-004, h2km, Error

ellip: s-maj=4.5km s-min=4.0km az=153.6

CSEM 09 09:20:38.7, 0.1, 3805N-2298E, h2km, ML2.7, Error

ellip: s-maj=2.3km s-min=1.7km az=69.0

ATH 09 09:20:38.4, 0.3, 3802N-2291E, h4km, ML2.8/4, ML2.5

NEIC 09 09:20:38.1, 3804N-2296E, h4km, ML2.5(ATH), After

ATH

THE 09 09:20:38.5, 3804N-2298E, h2km, ML2.7

ISC 09 09:20:38.3, 0.6, 3804N-003:2294E-004, h3km, 9km, n15,

e093/23, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LTK Loutraki, LTK Loutraki, NAIG Nisos Aigina, etc.

ISCJB 09 09:24:28.5, 0.6, 3642N-002:2875E-002, h8km, 4km,

Error ellipse: s-maj=4.2km s-min=3.1km az=150.8

CSEM 09 09:24:28.4, 0.1, 3647N-2878E, h5km, ML3.8, Error

ellip: s-maj=1.6km s-min=1.1km az=165.0

ATH 09 09:24:28.0, 3642N-2875E, h16km, 1km, MD3.8/15

NEIC 09 09:24:28.2, 3642N-2877E, h20km, MD3.8(ATH), After

ATH

ISK 09 09:24:28.2, 3642N-2875E, h9km, ML3.8

DDA 09 09:24:30.3, 3648N-2879E, h6km, 4km, MD3.3

HLW 09 09:24:30.2, 3632N-2884E, h3km, ML3.6

THE 09 09:24:31.8, 3644N-2872E, h8km, ML4.2

ISC 09 09:24:28.8, 0.5, 3640N-002:2877E-002, h5km, 3km, n69,

e086/93, 2C-1D, Dodecanese Islands

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like NPS Neapolis, ALT Altintas, XRY Khrisi, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ASAR, KAKA, KAKA, FORT, FITZ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like JTS JuntasAbangare, JTS, JTS, TGUH, etc.

ISCJB 09 09:39:19.9.2.1, 379S:02:1760E:02, h306km, 16km, Error ellipse: s-maj=36.2km s-min=16.9km az=142.4

WEL 09 09:39:24.0.2.1, 379S:02:1760E:02, h276km, ML3.8/15, Error ellipse: s-maj=7.5km s-min=7.3km az=90.0

NEIC 09 09:39:24.0.2, 379S:02:1760E:02, h276km, MG3.8(WEL), After WEL

ISC 09 09:39:20.7.2.1, 379S:02:1760E:02, h303km, 16km, n58, az=96/63, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other technical details. Lists various stations in the North Island region.

ISCJB 09 09:59:35.3.1.3, 184S:03:1780W:02, h55km, 19km, mb4.2/15, Error ellipse: s-maj=55.0km s-min=12.4km az=149.3

NEIC 09 09:59:36.0.0.9, 184S:03:1778W, h55km, 11km, mb4.5/11, Error ellipse: s-maj=34.4km s-min=7.6km az=149.0

ISC 09 09:59:40.2.3.2, 183AS:17810W, h593km, 40km, mb3.4/7, mb1 3.7/7, mb1mx3.3.4.5, mbmtpp3.4/7, Error ellipse: s-maj=78.8km s-min=14.5km az=153.0

ISC 09 09:59:36.3.1.3, 184S:03:1780W:02, h552km, 17km, n25, az=71/24, mb4.2/15, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other technical details. Lists various stations in the Fiji Islands region.

Code Station Name Az Az' Phase ID Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other technical details. Lists various stations in the ASAR region.

Code Station Name Az Az' Phase ID Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other technical details. Lists various stations in the JTS region.

9d 10h

V13A	baz=47 Grand Canyon W	47.16 311	↑P	P	10 33 54.3 +0.5
DAU	Daniels Canyon	47.23 317	↑P	P	10 33 54.5 +0.3
MPU	Maple Canyon	47.29 317	↑P	P	10 33 57.7 +3.0
S14A	Cedar City	47.34 313	↑P	P	10 33 55.5 +0.4
BW06	Boulder Array	47.35 321	↑P	P	10 33 54.2 +0.9
U13A	Pakoon Wash	47.37 311	↓P	P	10 33 56.4 +0.7
CCUT	Cedar City	47.39 313	↑P	P	10 33 55.8 +0.3
IRM	Iron Mountain	47.43 308	↑P	P	10 33 56.3 +0.4
JLU	Jordanelle	47.45 318	↑P	P	10 33 59.0 +3.1
R14A	James Farms, M	47.47 314	↑P	P	10 33 56.5 +0.4
BC3	Big Chuck Mtn	47.49 307	↑P	P	10 33 56.9 +0.5
SWSC	Sam W. Stewart	47.53 306	↑P	P	10 33 57.5 +0.8
NLU	North Lily Min	47.56 317	↑P	P	10 33 57.0 +0.2
T13A	Saint George	47.57 312	↑P	P	10 33 57.7 +0.8
LDFC	Landfair	47.73 309	↑P	P	10 34 01.6 +3.5
LAO	LASA Array	47.74 327	↑P	P	10 33 59.9 +1.9
S13A	Holt Ranch, En	47.77 313	↑P	P	10 33 59.0 +0.6
V12A	Nelson	47.77 310	↑P	P	10 33 58.5 0.0
DGMT	Dagmar	47.88 330	↑P	P	10 33 58.9 +0.2
HWUT	Hardware Ranch	48.02 319	↑P	P	10 34 02.4 +2.1
BEJC	Belle Mtn.	48.04 307	↑P	P	10 34 01.2 +0.6
GMRC	Granite Mounta	48.04 309	↑P	P	10 34 01.2 +0.6
DUG	Dugway	48.17 316	↑P	P	10 34 01.6 +0.1
DUG	comp=Z,28nm,1.6s,mb5.0	48.17 316	↑P	P	10 34 01.6 0.0
DUG	comp=Z,28nm,1.6s,mb5.0	48.17 316	↑P	P	10 34 01.7 +0.2
V11A	Goodspings	48.25 310	↑P	P	10 34 02.4 +0.2
SHPR	Sheep Range	48.29 311	↑P	P	10 34 04.9 +2.4
Q13A	Wheeler Ranch,	48.46 314	↑P	P	10 34 04.3 +0.6
SNOW	Snow King Moun	48.46 321	↑P	P	10 34 04.2 +0.5
TUQ	Turquoise Mtn.	48.48 309	↑P	P	10 34 04.3 +0.5
RLMT	Red Lodge	48.49 324	↑P	P	10 34 06.4 +2.5
S12A	Delamar Landin	48.49 312	↑P	P	10 34 03.8 +0.2
M15A	Larsen Ranch,	48.53 318	↑P	P	10 34 04.2 0.0
HEC	Hector,Ludlow	48.58 308	↑P	P	10 34 04.8 +0.1
TPAW	Teton Pass	48.60 321	↑P	P	10 34 04.5 +0.2
MOOW	Moose Ponds	48.61 322	↑P	P	10 34 04.3 +0.5
R12A	Pony Springs,	48.61 313	↑P	P	10 34 05.4 +0.4
T11A	Corn Creek, Al	48.62 312	↑P	P	10 34 05.0 0.0
BGU	Big Grassy Moun	48.66 317	↑P	P	10 34 05.0 +0.3
P13A	Bates Ranch, G	48.67 315	↑P	P	10 34 06.1 +0.8
FLWY	Flagg Ranch	48.76 322	↑P	P	10 34 10.0 +4.0
IMW	Indian Meadow	48.81 322	↑P	P	10 34 05.3 +1.0
LKWY	Lake	48.84 323	↑P	P	10 34 10.2 +3.6
LKWY	comp=Z,11nm,1.4s,mb4.7	48.84 323	↑P	P	10 34 10.2 +3.6
BBRC	Big Bear Sol-O	48.85 307	↑P	P	10 34 07.5 +0.7
MURC	Murrieta	48.85 307	↑P	P	10 34 07.4 +0.5
HVU	Hansel Valley	48.90 318	↑P	P	10 34 08.3 +1.2
SHOC	Shoshone	48.91 310	↑P	P	10 34 07.4 +0.1
O13A	Hicks Ranch, I	48.94 316	↑P	P	10 34 07.6 +0.2
Q12A	Willow Creek R	49.07 314	↑P	P	10 34 08.4 0.0
GCMT	Graycliff	49.10 324	↑P	P	10 34 08.5 +0.1
GSC	Goldstone	49.10 309	↑P	P	10 34 11.4 +2.6
GSC	comp=Z,24nm,1.5s,mb5.0	49.10 309	↑P	P	10 34 11.4 +2.6
GSC	comp=Z,24nm,1.5s,mb5.0	49.10 309	↑P	P	10 34 09.1 +0.3
M14A	Sheep Mountain	49.14 318	↑P	P	10 34 08.4 +0.6
TPNV	Topopah Spring	49.27 311	↑P	P	10 34 10.6 +0.6
TPNV	Topopah Spring	49.27 311	↑P	P	10 34 10.5 +0.5
P12A	McGill	49.30 315	↑P	P	10 34 11.0 +0.8
R11A	Troy Canyon, C	49.32 313	↑P	P	10 34 10.4 0.0
BFSC	Mount Baldy St	49.42 307	↑P	P	10 34 11.5 +0.3
N13A	Wendover, West	49.42 317	↑P	P	10 34 11.7 +0.7
K14A	Jones Ranch, D	49.53 319	↑P	P	10 34 12.6 +0.7
O12A	Currie	49.53 316	↑P	P	10 34 12.6 +0.6
FURC	Furnace Creek,	49.55 310	↑P	P	10 34 12.8 +0.6
Q11A	Duckwater	49.57 314	↑P	P	10 34 12.4 +0.1
QLMT	Earthquake Lak	49.60 322	↑P	P	10 34 13.3 +0.9
M13A	Montello	49.62 317	↑P	P	10 34 13.0 +0.4
L13A	Double Diamond	49.81 318	↑P	P	10 34 14.8 +0.8
R10A	Warm Springs	49.82 313	↑P	P	10 34 14.6 +0.5
LRMC	Laurel Mountai	49.84 309	↑P	P	10 34 14.7 +0.3
EDW2	Edwards Air Fo	49.88 308	↑P	P	10 34 14.7 +0.1
MPMC	Manual Prospec	49.89 310	↑P	P	10 34 15.2 +0.4
S10A	Tonopah Range,	49.89 312	↑P	P	10 34 14.8 +0.1
N12A	Clover Valley,	49.99 316	↑P	P	10 34 15.5 +0.1
PLCA	Paso Flores	50.03 180	↑P	P	10 34 13.3 -2.3
Q10A	Clear Creek Ra	50.10 313	↑P	P	10 34 16.4 +0.1
O11A	Cowboy Ranch,	50.10 315	↑P	P	10 34 16.3 0.0
M12A	Wells	50.15 317	↑P	P	10 34 16.2 +0.5
BOZ	Bozeman (W)	50.16 323	↑P	P	10 34 16.2 +0.5
BOZ	comp=Z,32nm,1.9s,mb5.0	50.16 323	↑P	P	10 34 16.2 +0.4
BOZ	Bozeman (W)	50.16 323	↑P	P	10 34 16.6 +0.1
K13A	Stover Farm, H	50.17 319	↑P	P	10 34 16.9 +0.2
S09A	Goldfield	50.28 312	↑P	P	10 34 17.9 +0.2
R09A	Tonopah	50.36 312	↑P	P	10 34 18.2 +0.1
G15A	Dillon	50.42 322	↑P	P	10 34 18.7 +0.1
N11A	Elko Archery C	50.45 316	↑P	P	10 34 18.9 0.0
EGMT	Eagleton	50.45 327	↑P	P	10 34 18.5 +0.3
EGMT	comp=Z,27nm,1.2s,mb5.2	50.45 327	↑P	P	10 34 18.8 0.0
P10A	Eureka	50.46 314	↑P	P	10 34 19.3 +0.3
MCMT	McKenzie Canyo	50.46 322	↑P	P	10 34 19.4 +0.4
L12A	House Creek Ra	50.59 318	↑P	P	10 34 19.5 +0.1

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J13A	baz=51 Cove Ranch, Pi	50.58 320	↑P	P	10 34 19.6 +0.2
DLMT	Dillon	50.59 322	↑P	P	10 34 19.8 +0.1
ARVC	comp=Z,16nm,1.1s,mb4.9	50.61 308	↑P	P	10 34 20.2 +0.1
K12A	Draper Farm, C	50.70 318	↑P	P	10 34 21.1 +0.4
LRM	Limekiln Ridge	50.74 323	↑P	P	10 34 20.6 +0.5
M11A	Holland Ranch,	50.75 317	↑P	P	10 34 21.7 +0.5
O10A	Cortez Mining,	50.76 315	↑P	P	10 34 21.5 +0.2
F15A	Butte	50.78 323	↑P	P	10 34 21.9 +0.5
I13A	Wildhorse Cree	50.79 320	↑P	P	10 34 21.6 +0.1
HLID	Hailey	50.81 320	↑P	P	10 34 21.8 +0.1
S08C	White Mtn Res	50.90 311	↑P	P	10 34 22.7 +0.3
P09A	Austin	50.91 314	↑P	P	10 34 22.4 +0.1
YES	Vestal, Richgr	51.03 309	↑P	P	10 34 23.2 +0.2
L11A	Cat Creek Ranc	51.05 317	↑P	P	10 34 23.4 0.0
J12A	Stokes Ranch,	51.10 319	↑P	P	10 34 23.9 +0.1
E15A	Deer Lodge	51.18 324	↑P	P	10 34 24.1 +0.2
O09A	Fish Creek Ran	51.19 315	↑P	P	10 34 24.2 +0.3
Q08A	Gabbs	51.22 313	↑P	P	10 34 24.4 +0.4
HELL	Mitchell Peak	51.26 310	↑P	P	10 34 24.8 +0.3
NVAR	Mina Array Bea	51.33 312	↑P	P	10 34 23.9 +1.6
NVAR	comp=Z,1.1nm,0.6s,mb4.0,baz=112,slow=6.4,SNR=11	51.33 312	↑P	P	10 35 37.2 -3.2
FFC	Flin Flon	51.42 337	↑P	P	10 34 24.3 +1.7
FFC	comp=Z,19nm,1.0s,mb5.0	51.42 337	↑P	P	10 34 24.3 -1.7
FFC	Flin Flon	51.42 337	↑P	P	10 34 24.3 -1.7
D15A	Lincoln	51.44 324	↑P	P	10 34 26.1 +0.1
G13A	Cobalt	51.44 321	↑P	P	10 34 25.9 +0.5
L10A	Juniper Basin	51.49 317	↑P	P	10 34 26.7 0.0
K11A	Parker Ranch,	51.50 318	↑P	P	10 34 26.6 +0.1
H12A	Diamond D Ranc	51.56 321	↑P	P	10 34 26.8 +0.5
SMMC	Simmler	51.58 308	↑P	P	10 34 27.8 +0.2
MFID	Camas Ranch	51.65 319	↑P	P	10 34 27.7 +0.3
E14A	Clinton	51.67 323	↑P	P	10 34 27.5 +0.5
N09A	Rock Creek Ran	51.70 315	↑P	P	10 34 28.1 +0.2
CHMT	Chamberlain Mo	51.79 324	↑P	P	10 34 29.0 +0.1
F13A	Darby	51.85 322	↑P	P	10 34 29.0 +0.4
M09A	Marrel Ranch,	51.88 316	↑P	P	10 34 29.9 +0.3
T06C	Millerton Lake	51.89 310	↑P	P	10 34 29.9 +0.1
I11A	Placeville	51.97 319	↑P	P	10 34 29.9 +0.4
D14A	Greenough	52.03 324	↑P	P	10 34 30.7 0.0
K10A	MacKenzie Ranc	52.06 318	↑P	P	10 34 30.8 +0.2
N08A	GE Springer Mi	52.09 315	↑P	P	10 34 30.8 +0.4
E13A	Victor	52.10 323	↑P	P	10 34 30.6 +0.6
MSO	Missoula	52.15 323	↑P	P	10 34 34.2 +2.6
WAKR	Walker	52.19 312	↑P	P	10 34 34.7 +2.7
FCC	Fort Churchill	52.22 345	↑P	P	10 34 31.3 +0.5
FCC	comp=Z,11nm,0.8s,mb4.8	52.22 345	↑P	P	10 34 31.3 +0.5
L09A	Wilkinson Ranc	52.27 317	↑P	P	10 34 32.5 0.0
H11A	Donnelly	52.37 320	↑P	P	10 34 33.1 +0.1
F12A	Elk City	52.40 322	↑P	P	10 34 33.0 +0.4
C14A	Sw Lake	52.53 325	↑P	P	10 34 33.9 +0.5
D13A	Huson	52.59 324	↑P	P	10 34 34.9 +0.1
K09A	Rome	52.59 317	↑P	P	10 34 34.8 +0.1
N07B	Gerlach	52.68 315	↑P	P	10 34 35.4 +0.2
WCN	Washoe City	52.70 313	↑P	P	10 34 35.6 +0.2
R05C	Kirkwood Meado	52.73 312	↑P	P	10 34 35.4 +0.6
H10A	Noah's Angus R	52.78 320	↑P	P	10 34 35.9 +0.4
L08A	Fields	52.80 316	↑P	P	10 34 36.0 +0.5
G11A	Walters Elk Ra	52.85 321	↑P	P	10 34 36.0 +0.8
J09A	Fry Ranch,	52.88 318	↑P	P	10 34 36.4 +0.7
C13A	Hot Springs	52.96 324	↑P	P	10 34 37.4 +0.2
F11A	Grangeville	53.01 321	↑P	P	10 34 37.3 +0.7
M07A	Soldier Meadow	53.05 315	↑P	P	10 34 37.5 +0.9
PACP	Pacheco Peak	53.09 309	↑P	P	10 34 39.5 +0.8
D12A	Red Ives Fores	53.10 323	↑P	P	10 34 38.2 +0.4
WVOR	Wild Horse Val	53.10 317	↑P	P	10 34 41.0 +2.3
WVOR	comp=Z,13nm,1.2s,mb4.7	53.10 317	↑P	P	10 34 41.0 +2.4
K08A	Mann Creek Ran	53.12 317	↑P	P	10 34 38.2 +0.6
BSMT	Bassoo Peak	53.17 324	↑P	P	10 34 39.2 0.0
BMO	Blue Mountains	53.25 320	↑P	P	10 34 41.2 +1.5
E11A	Bogner Ranch,	53.27 322	↑P	P	10 34 38.9 +0.9
P05C	Yuba Gap, Truc	53.32 312	↑P	P	10 34 39.9 +0.5
BEKR	Beckworth	53.33 313	↑P	P	10 34 40.0 +0.5
G10A	Bishop Farm, J	53.33 320	↑P	P	

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like KMI, FORT, ASAR, etc.

WEL 09:10:39.6:0.3, 3746S, 17735E, h5km, ML3.7/7, Error ellipse: s-maj=3.1km s-min=2.1km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like WIZ, WIZ, OPRZ, etc.

LDG 09:10:39.56:4.0, 1788S, 16851E, h10km, Mb4.8/2, Ms4.0/7, Error ellipse: s-maj=18.9km s-min=4.2km az=108.0

ISCJB 09:10:40.0:0.3:0.3, 1815S, 005E, 16824E:007, h43km, mb4.7/38, MS4.1/26, Error ellipse: s-maj=9.5km s-min=7.8km az=1.8

MOS 09:10:40.0:0.9:2.5, 1820S, 16807E, h33km, mb5.0/8, MS4.2/4, Error ellipse: s-maj=12.5km s-min=11.3km az=134.2

GCMT 09:10:40.0:2.3:0.3, 1797S, 16811E, h45km, 1km, MW5.0/52, Moment Tensor Solution. s44,c52; s52,c70; Duration: 0

NEIC 09:10:40.0:2.3:0.9, 1806S, 16823E, h46km, 7km, mb4.9/12, MS4.4/1 Error ellipse: s-maj=13.3km s-min=10.5km az=136.0

NEIC Felt at Port-Vila. IDC 09:10:05.4:3.7, 1802S, 16822E, h82km, 32km, mb4.1/15, mb1.4/3/16, mb1mx4.3/17, mbtmp4.2/16, MS4.0/14

ISC 09:10:40.0:1.9:4.0, 1815S, 005E, 16832E:007, h44km, h44km, 2.1km, p, n162, c099/74, mb4.7/38, MS4.1/26, 20C-4D, Vanuatu Islands

Large table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like DZM, HNR, ARMA, etc.

Large table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like NWAOW, NWAOW, NWAOW, etc.

Large table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like GTA, SOMN, BILL, etc.

Table with columns: ORIF, ORIF, TCF, SBF, PGF, VIVF, MFF, FRF, SMRF, LMR, RJF, RJF, RJF, CAF, LASF, LTF, MFF, EPF, SJPF, ETSF, EVO. Each row contains station name, coordinates, and other data.

NIED 09 10:46:00, 2460N:12320E, h68km, Mw4.1 Best double couple: M3.17000x10^15 NP1.3e158.00000, 861.00000, 734.00000, NP2.3e149.00000, 860.00000, 1146.00000

BUI 09 10:46:11.2, 2406N:12321E, h71km, mb4.6

ISCJB 09 10:46:14.0, 2463N:0047:12314E, 0.04, h87km, 3km, mb4.2/1, Error ellipse: s-maj=7.9km s-min=4.5km

ICD 09 10:46:14.9, 4.1, 2470N:12310E, h83km, 4km, mb3.7/8, mb1.3/9.10, mb1mx3.7/22, mbtmp3.8/10, MS2.8/2, Ms1.2/8.2, ms1mx2.5/25, Error ellipse: s-maj=30.9km s-min=15.0km az=69.0

JMA 09 10:46:16.0, 0.1, 2462N:12318E, h71km, 1km, M4.1 JMA Felt 1 J1

NEIC 09 10:46:16.0, 2462N:12318E, h71km, mb4.9/3, MW4.0(NIED), After JMA

NEIC Recorded 1 JMA on Iriomote-jima

ISC 09 10:46:15.2, 0.4, 2462N:0047:12313E, 0.03, h78km, 3km, n40, r1507/26, 1D, Greece

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like YONAGUNI JIMA, IRIOMOTE-FUNAU, KURO-SHIMA, etc.

QZH comp=N, 180nm, 0.4s Smax

JAGN Aguni-jima 4.19 61 P Pn 10 47 17.5 +0.8

NAHI Naha 4.41 68 eS Sn 10 48 10.9 +1.1

JJT2 Tamaqusuku 2 4.44 69 P Pn 10 47 20.9 +0.9

JJT2 Iheya 4.97 60 eS Pn 10 48 11.5 +1.0

JOW Kunigami 5.13 64 P Pn 10 47 28.9 +0.6

JOW Kunigami 5.13 64 P Pn 10 47 28.9 +0.5

JTK Tokunoshima 6.10 58 P Pn 10 47 41.5 -1.2

JAM Amami Oshima 6.92 56 P Pn 10 47 52.2 -1.6

JZK Kikaishima 7.15 58 P Sn 10 47 56.2 -0.8

JMZ Minamidaito 2 7.42 79 P Pn 10 47 57.2 -3.5

JNS Natsuke 10.85 37 P Pn 10 48 48.5 +1.1

KSRU Korea Arry 13.43 17 P Pn 10 49 24.8 +2.5

KSRV Songino Arry 26.70 334 LR LR 11 03 32.7

MKAR Makanchi Arry 39.27 315 P P 10 53 35.5 -0.6

ZALV Zalesovo Beam 40.86 326 P P 10 53 46.0 -3.1

FITZ Fitzroy Crossi 42.54 176 P P 10 54 02.9 -1.2

WRAB Tennant Creek 45.2 265 P P 10 54 28.4 +0.6

WRA Warramunga Arr 45.62 165 P P 10 54 27.0 -0.8

WB2 Warramunga Arr 45.62 165 P P 10 54 27.0 -0.8

ASAR Alice Springs 48.13 167 P P 10 54 55.5 +0.5

FORF Forrest 55.29 175 P P 10 55 41.4 +0.9

KLBR Kellerberrin 56.13 186 P P 10 55 46.8 +0.3

STKA Stephens Creek 58.89 162 P P 10 56 06.7 +0.7

STKA Stephens Creek 58.89 162 P P 10 56 06.7 +0.8

YKA Yellowknife Arr 81.87 23 P P 10 58 24.3 -1.2

TEH 09 10:46:23.2, 2930N:5842E, h17km, ML4.0

ICD 09 10:46:31.6, 7.7, 2861N:5839E, h0km, mb3.8/6, mb1.3/9.6, mb1mx3.2/3, mbtmp3.8/10, Error ellipse: s-maj=89.2km s-min=43.0km az=175.0

ISCJB 09 10:46:33.7, 1.3, 2890N:007:5851E, 0.07, h11km, 10km, mb3.7/6, Error ellipse: s-maj=13.9km s-min=5.6km az=138.8

CSEM 09 10:46:35.4, 0.1, 2901N:5836E, h20km, ML4.0, Error ellipse: s-maj=5.4km s-min=2.3km az=136.0

JHR 09 10:46:36.7, 1.1, 2920N:5838E, h14km, 10km, ML3.6

NEIC 09 10:46:40.8, 2930N:5822E, h17km, MN4.0(TEH), After TEH

ISC 09 10:46:35.8, 1.3, 2899N:006:5851E, 0.07, h6km, 11km, n30, r1507/26, 1D, Greece

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like KRBR Kerman, ZHFS Zahedan, BNSD Bandar-Abbas, etc.

WEL 09 11:05:56.0, 0.7, 3620S:17761E, h253km, 6km, ML3.7/11, Error ellipse: s-maj=11.9km s-min=9.1km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like MXZ Matakaoa Point, PUZ Puketiti, URZ Matawai, etc.

SGS 09 11:14:13.6, 3009N:3645E, h21km

GII 09 11:14:14.2, 5.2, 2982N:3624E, h0km, ML2.6/3

ISC 09 11:14:12.5, 1.8, 2986N:006:3641E, 0.09, h0km, n8, 0571/11, Western Arabian Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like HRFI Mount Harif, EIL Elat, HOLS Hols, etc.

CSEM 09 11:53:59.8, 1.1, 3593N:2825E, h8km, MD3.0, Error ellipse: s-maj=23.4km s-min=9.8km az=3.0

DDA 09 11:53:59.3, 3593N:2828E, h16km, 1km, MD3.3

ISK 09 11:54:00.6, 3600N:2820E, h10km, MD3.0

ISC 09 11:53:59.3, 2.5, 3591N:01:2828E, 0.06, h12km, 14km, n8, 0589/14, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like FETY Fetiye, DAT Datca, YER Yerkesik, etc.

ISC 09 12:01:13.0, 0.8, 4608N:005:1365E, 0.05, h0km, n5, 0575/10, 1C-1D, Austria

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like DRE Drenchia, DRE Drenchia, VOY Vojsko, etc.

ISC 09 12:08:00, 2530N:12920E, h11km, Mw3.7 Best double couple: M3.82000x10^14 NP1.3e222.00000, 855.00000, 855.00000

NEIC 09 12:08:00, 2530N:12920E, h11km, Mw3.7 Best double couple: M3.82000x10^14 NP1.3e222.00000, 855.00000, 855.00000

ISC 09 12:08:06.9, 0.3, 2527N:12916E, h50km, M4.0, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like JJT2 Tamaqusuku 2, NAHI Naha, JOW Kunigami, etc.

ISCJB 09 12:31:16.1, 0.5, 3831N:003:2162E, 0.03, h13km, 4km, Error ellipse: s-maj=4.6km s-min=4.2km az=11.8

ATH 09 12:31:16.5, 3828N:2154E, h27km, 1km, MD3.2/5

CSEM 09 12:31:17.0, 1.1, 3830N:2161E, h10km, ML3.0, Error ellipse: s-maj=3.0km s-min=2.6km az=179.0

NEIC 09 12:31:17.1, 3827N:2160E, h21km, MD3.2(ATH), After ATH

ISC 09 12:31:17.0, 3831N:2161E, h3km, ML3.0

THE 09 12:31:16.9, 0.4, 3831N:003:2161E, 0.03, h17km, 4km, n15, r1507/26, 1D, Greece

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like SELA Sela, RLS Riolo of Patr, EVR Evrytania, etc.

ICD 09 12:55:55.4, 0.8, 4711N:15570E, h0km, mb3.7/12, mb1.3/9.13, mb1mx3.9/21, mbtmp3.8/13, ML3.2/1, Error ellipse: s-maj=22.9km s-min=18.1km az=153.0

MOS 09 12:55:56.9, 1.3, 4696N:15572E, h23km, mb4.1/9, Error ellipse: s-maj=15.9km s-min=12.6km az=81.6

ISCJB 09 12:55:58.4, 0.6, 4704N:010:1556E, 0.1, h33km, mb3.8/15, Error ellipse: s-maj=16.2km s-min=9.4km az=142.9

NEIC 09 12:56:00.6, 0.6, 4715N:15563E, h35km, mb3.7/1, Error ellipse: s-maj=15.3km s-min=13.4km az=140.0

ISC 09 12:55:59.8, 4.8, 471N:01:1557E, 0.1, h28km, 35km, n33, 0599/13, 1B, 1C-2D, East of Kuril Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like SKR Severo-Kuril's, ASAJ Ashikawa, ERM Erimo, etc.

SONM Songino Arry 32.88 290 P P 10 32 30.6 -0.5

COLA Collego Beam 34.81 39 P P 10 32 47.8 +0.2

ZALV Zalesovo Beam 48.35 306 P P 10 34 01.9 -1.3

ZAL Zalesovo 48.37 306 P P 10 34 01.9 -1.3

MKAR Makanchi Arry 48.35 298 P P 10 34 43.1 +4.5

MKAR Makanchi Arry 48.35 298 P P 10 34 39.3 +0.6

KUR Kurchatov 48.65 304 P P 10 34 41.2 +0.3

YKA Yellowknife Arr 49.62 38 P P 10 34 48.0 -0.2

YKA Yellowknife Arr 49.62 38 P P 10 34 48.0 -0.2

YKA Yellowknife Arr 49.62 38 P P 10 34 48.0 -0.2

YKA Yellowknife Arr 49.62 38 P P 10 34 48.0 -0.2

YKA Yellowknife Arr 49.62 38 P P 10 34 48.0 -0.2

YKA Yellowknife Arr 49.62 38 P P 10 34 48.0 -0.2

YKA Yellowknife Arr 49.62 38 P P 10 34 48.0 -0.2

YKA Yellowknife Arr 49.62 38 P P 10 34 48.0 -0.2

YKA Yellowknife Arr 49.62 38 P P 10 34 48.0 -0.2





9d 16h

Table with columns: PBDV, Barranco-do-Ve, 3.68 300 ePn, Pn, 13 37 47.8 +1.1, 13 38 30.5 +0.3, 13 38 37.6

IDC 09 14:26:32.2.0.621S-13014E, h0km, mb3.6/1, mb1 4.2/5, mb1mx3.8/15, mbtpp4.0/5, ML4.1/4, Error ellipse: s-maj=53.5km s-min=27.0km az=82.0, Banda Sea

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

DDA 09 14:47:13.7, 3872N-2501E, h16km, Md3.3, ICSJB 09 14:47:13.5, 0.5, 3871N-002.2525E, 0D2, h4km, 4km, Error ellipse: s-maj=2.7km az=177.6

ATH 09 14:47:14.1, 3869N-2530E, h31km, 3km, MD3.7/20, ML3.5, NEIC 09 14:47:14.2, 3869N-2531E, h31km, ML3.5(ATH), After ATH

CSEM 09 14:47:14.7, 0.1, 3869N-2528E, h15km, ML3.9, Error ellipse: s-maj=1.3km s-min=1.0km az=152.0

THE 09 14:47:16.6, 3868N-2536E, h31km, ML3.9, ISK 09 14:47:16.6, 3876N-2522E, h32km, ML3.6, ISC 09 14:47:14.5, 0.5, 3871N-002.2525E, 0D2, h7km, 4km, n98, r1502/122, 11C-4D, Aegean Sea

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

2007 MAY

Table with columns: YLV, Yalova, 3.69 58 ePn, Pn, 14 48 13.2 +1.3, 14 48 14.3 +0.7, 14 48 15.5 +0.0

ISCJB 09 15:04:0.2, 1.4, 749S-008.12852E, 007, h163km, 14km, mb3.9/11, Error ellipse: s-maj=14.9km s-min=8.2km az=39.9

IDC 09 15:04:4.0, 4.2, 9.7, 739S-12852E, h141km, 28km, mb3.7/8, mb1 3.8/11, mb1mx3.8/15, mbtpp3.7/11, MS2.8/1, MS1 2.8/1, ms1mx2.9/18, Error ellipse: s-maj=32.1km s-min=12.4km az=76.0

NEIC 09 15:04:41.5, 1.6, 742S-12848E, h155km, 17km, mb4.1/4, Error ellipse: s-maj=17.8km s-min=10.4km az=65.0

ISC 09 15:04:40.0, 1.5, 744S-009.12856E, 007, h141km, 17km, n24, r095/31, mb3.9/11, D, Banda Sea

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

ASAR 1.0nm, 0.3s, baz=343, slow=11, SNR=132

ASAR 1.3nm, 0.3s, baz=312, slow=16, SNR=61

ASAR 1.0nm, 0.3s, baz=343, slow=11, SNR=132

ASAR 1.3nm, 0.3s, baz=312, slow=16, SNR=61

ASAR 1.0nm, 0.3s, baz=343, slow=11, SNR=132

ASAR 1.3nm, 0.3s, baz=312, slow=16, SNR=61

ASAR 1.0nm, 0.3s, baz=343, slow=11, SNR=132

ASAR 1.3nm, 0.3s, baz=312, slow=16, SNR=61

ASAR 1.0nm, 0.3s, baz=343, slow=11, SNR=132

ASAR 1.3nm, 0.3s, baz=312, slow=16, SNR=61

ASAR 1.0nm, 0.3s, baz=343, slow=11, SNR=132

ASAR 1.3nm, 0.3s, baz=312, slow=16, SNR=61

ASAR 1.0nm, 0.3s, baz=343, slow=11, SNR=132

ASAR 1.3nm, 0.3s, baz=312, slow=16, SNR=61

Table with columns: MAJO, Matsushiro, 17.04 237 P, Pn, 16 11 17.1 +0.1, 16 11 08.8 -2.8, 16 12 01.2 +1.9

ATH 09 16:23:47.4, 3665N-2875E, h19km, MD3.0/3, ICSJB 09 16:23:48.2, 0.8, 3634N-004.2875E, 004, h5km, 5km, Error ellipse: s-maj=7.1km s-min=4.6km az=151.9

CSEM 09 16:23:49.0, 0.1, 3646N-2875E, h5km, MD3.2, Error ellipse: s-maj=2.1km s-min=1.4km az=175.0

ISK 09 16:23:49.3, 3642N-2876E, h12km, MD3.2, DDA 09 16:23:49.3, 3641N-2876E, h12km, MD3.2, Error ellipse: s-maj=1.7km s-min=1.0km az=151.9

ISC 09 16:23:49.5, 0.7, 3638N-004.2878E, 004, h9km, 5km, n16, r091/23, Dodecanese Islands

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

DDA 09 16:26:17.6, 3517N-2712E, h5km, 2km, Md3.9, ISK 09 16:26:24.2, 3530N-2745E, h32km, h42km, ML4.0, ML3.9, ICSJB 09 16:26:26.0, 0.2, 3530N-002.2776E, 002, h46km, 4km, mb3.8/10, MS3.0/2, Error ellipse: s-maj=3.3km s-min=2.2km az=28.1

CSEM 09 16:26:26.9, 0.1, 3541N-2770E, h40km, ML4.3, Error ellipse: s-maj=1.7km s-min=1.2km az=22.0

ATH 09 16:26:27.5, 3551N-2765E, h42km, 1km, MD4.0/18, ML4.3, NEIC 09 16:26:27.5, 3550N-2765E, h42km, mb3.9/4, MD4.0(ATH), After ATH

IDC 09 16:26:27.4, 6.8, 3546N-2766E, h30km, 56km, mb3.7/9, mb1 3.8/13, mb1mx3.6/23, mbtpp3.7/13, ML3.6/4, MS3.1/4, MS1 3.1/4, ms1mx2.6/30, Error ellipse: s-maj=22.2km s-min=16.3km az=0.0

THE 09 16:26:29.8, 3533N-2771E, h18km, ML4.0, GII 09 16:26:31.2, 1.2, 3512N-2782E, h31km, 3km, mb4.8/6, ML4.8/6

HLW 09 16:26:46.3, 3381N-2818E, h16km, Mb3.4, ISC 09 16:26:28.3, 0.2, 3539N-002.2774E, 002, h38km, 5km, n164, r122/202, mb3.8/10, MS3.0/2, 12C-3D, Dodecanese Islands

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KYTH Kithira, GDZ Gediz, ALFC Alewga, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TOAO Torodi Ar. Sit, TOROD Torodi Ar. Bea, ARCES ARCES Array B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KARP Karpathos, ARG Arhangelos, ARG Datca, etc.





9d 18h

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BFO Black Forest, WTTA Wattenberg, MOTA Moosalm, VTS Vresnjev, etc.

2007 MAY

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VNA3 Neumayer-Stat, HNR Honiara, WRA Warramunga Arr, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NJ2, WRA Warramunga Arr, ASAR Alice Springs, etc.





Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like BAIF Baives, SJFF Ste Jean, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CD2, GYA, HHC, BOD, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like BATI Kupang, FITZ Fitzroy Cross, WRA Warramunga Arr, etc.

IDC 09 20:12:39.0-6.7, 755S-15745E, h0km, mb4.1/3, mb1 4.3/4, mb1mx3.8/1.3, mbtmp4.2/4, ML3.4/1, Error ellipse: s-maj=129.5km s-min=27.0km az=15.0, Bougainville - Solomon Islands region

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

NEIC 09 20:14:05.8, 3210N, 11575W, h3km, ML3.0(PAS), ML2.9(ECV), After ECX

ECX 09 20:14:05.8, 0.9, 3210N, 11577W, h3km, MD2.7, ML2.8, 6C-1D, California-Baja California border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like RDX Rancho Dowling, RDX Rancho Dowling, RDX Rancho Dowling, etc.

ISCBJ 09 18:50:11.7-3.3, 220N, 0.1x1432E, 0.3, h34km, 31km, mb3.6/6, Error ellipse: s-maj=48.6km s-min=19.0km az=172.1

IDC 09 18:50:14.4-4.2, 2196N, 143.19E, h40km, 38km, mb3.4/7, mb1 4.0/6, mb1mx3.5/1.9, mbtmp3.5/8, ML3.4/1, Error ellipse: s-maj=42.6km s-min=18.8km az=87.0

ISCBJ 09 18:50:14.0-2.9, 219N, 0.1x1432E, 0.3, h38km, 27km, n8, mb3.7/9, mb3.6/9, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CBIJ Chichi jima, KRSR Korea Array, SONR Songoing Array, etc.

IDC 09 19:16:17.6-3.1, 1291S, 16740E, h0km, mb4.0/6, mb1 4.0/6, mb1mx3.9/1.4, mbtmp3.9/7, Error ellipse: s-maj=100.3km s-min=32.9km az=121.0, Santa Cruz Islands

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

IDC 09 20:04:34.8-2.3, 464S-6858E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.8/2.0, mbtmp3.7/5, MS3.4/5, Ms1 3.4/5, s-min=28.1km az=32.0, Checos Archipelago region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like PSI Prapat, KMBO Kilima Mbogo, ZALV Zalesovo Beam, etc.

IDC 09 20:07:50.8-3.8, 1003S, 12487E, h56km, 43km, mb3.3/1, mb1 3.5/4, mb1mx3.2/1.4, mbtmp3.3/4, ML3.5/3, Error ellipse: s-maj=57.6km s-min=17.5km az=47.0, Timor region

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MIAR, SNA, TXAR, CCM, MNTX, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NVAR, L13A, M12A, U04C, R07C, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like E06A, C07A, MAW, ESDC, A08A, etc.

NEIC 09 20:28:26.6, 3468N-24.14E, h32km, MD3.5(ATH), After ATH. CSEM 09 20:28:26.6, 3468N-24.14E, h32km, MD3.5/9, After ATH. ATH 09 20:28:26.6, 3468N-24.14E, h32km, MD3.5/9, 1C, Crete

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

IDC 09 20:30:13.2-4.6, 1041S:16229E, h0km, mb3.7/4, mb1.3.9/4, mb1mx3.6/14, mbtmp3.7/4, MS3.1/1, Ms1 3.1/1, ms1mx2.6/29, Error ellipse: s-maj=128.4km s-min=44.4km az=113.0, Bougainville - Solomon land region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like WRA, STKA, ASAR, KSR5, MKAR, etc.

ATH 09 20:35:50.8, 3420N:2397E, h16km, 5km, MD3.8/16. IDC 09 20:35:52.9, 1.5, 3451N:2395E, h0km, mb3.7/3, mb1 3.6/4, mb1mx3.4/21, mbtmp3.6/4, ML4.2/1, Error ellipse: s-maj=82.4km s-min=25.3km az=134.0. NEIC 09 20:35:53.0, 3427N:2395E, h10km, MD3.8(ATH), After ATH. ISCJB 09 20:35:54.8, 1.6, 3442N:009:2397E:005, h29km, 8km, mb3.6/3, Error ellipse: s-maj=15.2km s-min=6.8km az=10.9. THE 09 20:35:57.6, 3454N:2403E, h18km, ML3.7. CSEM 09 20:35:58.4, 0.5, 3462N:2409E, h40km, MD3.8, Error ellipse: s-maj=10.4km s-min=2.7km az=21.0. ISC 09 20:35:55.3, 1.7, 3444N:009:2404E:005, h18km, 7km, n45, 09:52, mb3.6/3, 2C, Crete









Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KURK Kurchatov, SBA Scott Base, MAW Mawson, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and other parameters. Includes stations like MARZ Manawake, URZ Urewera, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like OUR Ouranopolis, DST Durnsby, etc.



Table with columns: DID, Dim, VMS, Didima, Dimitrovgrad, Vitoshka, 2.46 193 ePn, 2.46 29 eP, 2.43 346 -0.6, Pn, Pn, Pn, 03 12 49.4 +0.9, 03 12 54.6 +6.1, 03 12 51.1 -0.6

NEIC 10 03:52:35.0,3.9, 304N-12593E, h92km, 38km, mb4.4/8, Error ellipse: s-maj=42.1km s-min=10.1km az=65.0, ISCJB 10 03:52:36.2,5.3, 29N01x1259E:0.2, h117km, 54km, mb4.5/16, Error ellipse: s-maj=38.0km s-min=13.5km baz=152.7

IDC 10 03:52:44.8,9.7, 275N-12540E, h184km, 101km, mb3.9/8, mb1 4.0/8, mb1mx3.8/17, mbtmp3.9/8, Error ellipse: s-maj=56.1km s-min=17.7km az=70.0, ISC 10 03:52:37.2,5.1, 29N01x1257E:0.2, h108km, 51km, n27, s067/27, mb4.5/16, Talaud Islands

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Op, ISC, Time h m s, Res h m s, ISC, KAKA, FITZ, WRAB, WRA, WB2, ASAR, FORT, KRSR, STKA, JIRN, GUN, PKI, KKN, DMN, GKN, KOLN, DANN, MK31, MKAR, AML, EKS2, ZALV, KBL, KURK, BVAR, Kakadu, Fitzroy Crossi, Tennant Creek, Warramunga Arr, Warramunga Arr, Alice Springs, Forrest, Koroa Arr, Stephens Creek, Jiri, Gumba, Pulchoki, Kakani, Daman, Gorkha, Koldanda, Dangsing, Makanchi Array, Makanchi Array, Almayashu, Erkin-Say, Zalesov Beam, Kabul, Kurchatov, Borovoye Array

IDC 10 03:58:20.3,5.3, 670S-12981E, h188km, 50km, mb3.3/1, mb3 3.1/4, mb1mx3.0/13, mbtmp2.9/4, Error ellipse: s-maj=81.5km s-min=22.4km az=71.0, Banda Sea

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Op, ISC, Time h m s, Res h m s, ISC, FITZ, WRA, ASAR, ASAR, MKAR, Fitzroy Crossi, Warramunga Arr, Alice Springs, Makanchi Array

ISCJB 10 04:17:57.7,0.8, 1850S-006.6919W, h100km, 6km, mb4.3/37, Error ellipse: s-maj=11.5km s-min=6.6km baz=31.4

IDC 10 04:18:00.4,0.7, 1865S-6925W, h119km, 5km, mb4.1/10, mb1 4.3/13, mb1mx4.1/19, mbtmp4.1/13, Error ellipse: s-maj=14.7km s-min=12.0km az=104.0

NEIC 10 04:18:01.6,0.9, 1859S-6911W, h132km, 9km, mb4.3/29, Error ellipse: s-maj=11.4km s-min=6.4km az=69.0, BUJ 10 04:18:03.7, 1874S-6836W, h126km, mb4.7

ISC 10 04:17:59.1,0.7, 1854S-006.6920W, h96km, 6km, h119km, 1.2km; pP-P, n231, s062/226, mb4.3/37, 69C-70D, Northern Chile

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Op, ISC, Time h m s, Res h m s, ISC, LPAZ, ARE, SIV, NNA, NNA, NNA, LCO, LCO, CPUP, CPUP, TRQA, BDFB, PLCA, TEIG, NATX, SWET, JCT, WVT, TXAR, SIUC, SIUC, FVM, FVM, WMOK, MNTX, 319A, 319A, 218A, BNM, LPM, 119A, Las Paz, Arequipa, San Ignacio, Nana, Las Campanas, Coronel Fontan, Villa Florida, Toruquist, Brasilia, Paso Flores, Tepich, Nacodogoches, Sewanee, Junction City, Waverly, Lajitas Array, Southern Illin, French Village, Wichita Mounta, Cornudas Mount, Douglas, White Tail Can, Bisbee, Barren Site, Los Pinos Moun, Ashpeak Ranch

Table with columns: CBKS, ANMO, 217A, SCIA, 118A, TUC, 117A, 216A, Y19A, Y17A, X18A, X19A, 116A, Y17A, X18A, 115A, SDCO, Y16A, X16A, Y15A, MVCO, MVCO, X15A, Y14A, WUAZ, WUAZ, X14A, Y13A, ISCO, SMCO, V15A, W14A, X13A, V14A, BC3, W16A, 113A, IRM, T15A, U14A, G13A, U13A, V12A, U12A, V11A, MSU, S14A, ARUT, BFSC, S13A, G3C, T11A, OSI, TPNV, TPNV, R12A, FURC, Q13A, DUG, DUG, P13A, R11A, BW06, Q12A, HWUT, S10A, R10A, Q11A, P12A, N14A, M15A, S09A, R09A, Q10A, O12A, S08C, M14A, ULM, ULM, SNOW, TPW, O11A, M13A, Cedar Bluff, Albuquerque, Green Valley, State Center, Homack Ranch, Tucson, Orancho, San Carlos High, Three Points, Nutriso, San Ctos High, Canyon Day Jun, St. Johns, Eloy, Roosevelt, Snowmass, Sonoran Desert, Great Sand Dun, Circle Bar Ran, La Mia Camp, Casa Rosa, Mesa Verde, Mesa Verde, Humboldt, Wickenburg, Wupatki, Wupatki, Yava, Salome, Idaho Springs, Snowmass, Kaibab Nationa, Seligman, Yuca, Boquillas Ran, Big Chuck Mtn, Glen Canyon Da, Hualapai Mount, Iron Mountain, Red Dirt Ranch, Mt Trumbull, Grand Canyon W, Granite Mounta, Pakoon Wash, Nelson, Valley of Fire, Saint George, Goodsprings, Marysval, Cedar City, Antelope Range, Mount Baldy St, Holt Ranch, Goldstone, Corn Creek, Al, Osito Adit, Topopah Spring, Topopah Spring, Pony Springs, Furnace Creek, Wheeler Ranch, Dugway, Dugway, Bates Ranch, Troy Canyon, Boulder Array, Willow Creek R, Hardware Ranch, Warm Springs, Duckwater, McCall, Grayback Hills, Larsen Ranch, Goldfield, Tonopah, Clear Creek Ra, Currie, White Mtn Res, Sheep Mountain, Lac du Bonnet, Clear Creek Ra, Snow King Moun, Teton Pass, Cowboy Ranch, Montello

Table with columns: MOOV, P10A, IMW, FLWY, NVAR, NVAR, NVAR, Q08A, L13A, M12A, N11A, U04C, LKWY, X18A, M11A, HAST, L12A, K12A, L11A, J13A, R05C, HLID, L10A, N08A, O07A, H13A, J12A, BOZ, BOZ, G15A, K11A, H13A, F15A, K10A, G14A, H12A, G13A, N06A, H11A, M07A, L08A, K09A, O05C, E15A, ORV, PPT, WVOR, O04C, H10A, E13A, K07A, F12A, J08A, HATC, I09A, D14A, TORD, G11A, BMO, I08A, J07A, F11A, D13A, G10A, C14A, J06A, M04C, H08A, E11A, K05A, D12A, I07A, C13A, F10A, F09A, I06A, Moose Ponds, Eureka, Indian Meadow, Flagg Ranch, Mina Array Bea, Mina Array Bea, Jones Ranch, Gabbbs, Double Diamond, Wells, Elko Archery C, Hernandez Rese, Lake, Stover Farm H, Stover Farm H, Holland Ranch, Hastings Reser, House Creek Ra, Draper Farm, Cat Z, Cat Z, Cat Creek Ranch, Cove Ranch, Kirkwood Meado, Hailey, Juniper Basin, GE Springer Mi, Toulon, Wildhorse Cree, Stakes Ranch, Bozeman (W), Bozeman (W), Dillon, Parker Ranch, Camas Ranch, Challis, Butte, MacKenzie Ran, Jackson, Diamond D Ran, Cobalt, Buffalo Meadow, Soldier, Placier Meadow, Fields, Rome, Quincy, Lodge, Oroville, Paperite, Wild Horse Val, Chester, Darby, Adell, Fry Pan Ranch, Clinton, Lincoln, Donnelly, Noah's Angus R, Victor, Rock Creek Ran, Elk City, Circle Bar Ran, Hat Creek Radi, Lost Marbles R, Greenough, Torodi Ar. Bea, Walters Elk Ra, Blue Mountains, Drewsey, Hines, Grangeville, Huson, Bishop Farm, Sw Lake, Christmas Vall, Macdoel, Prairie City, Bogner Ranch, Summer Lake, Red Ives Fores, Ize, Hot Springs, Red Ranch E, S2 Ranch, Elgi, Prineville

Table with columns: ID, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like MYERS FARM, KLAVERANO FARM, etc.

SZGRF 10 04:36:01.6, 2080S:17420W, h33km, Tonga Islands
ISCJB 10 04:36:11.6, 1.6, 1903S:008:17480W, 06g, h88km, 14km, mb4.6/39, Error ellipse: s-maj=13.6km s-min=8.2km az=153.5

NEIC 10 04:36:13.9, 0.9, 1899S:17475W, h99km, 8km, mb4.7/25, Error ellipse: s-maj=9.2km s-min=5.0km az=155.0
BUJ 10 04:36:13.9, 1900S:17480W, h99km, mb5.1, mb4.8
MOS 10 04:36:17.9, 2.2, 1779S:17580W, h83km, mb4.8/6, Error ellipse: s-maj=14.9km s-min=12.9km az=139.5

IDC 10 04:36:20.3, 3.0, 1901S:17481W, h151km, 27km, mb4.3/12, mb1.4/5/12, mb1mx3.4/18, mb1mx4.3/12, Error ellipse: s-maj=21.9km s-min=12.4km az=144.0

ISC 10 04:36:13.3, 1.5, 1901S:008:17475W, 006, h89km, 13km, h101km, 2.9km, p-P, n141, c0585/73, mb4.6/39, 12C-3D, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like AFIAMALU, RAROTONGA, etc.

Table with columns: ID, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like ALICE SPRINGS, ASAR, WARRAMUNGA ARR, etc.

ASAR Alice Springs 47.85 255 P P 04 44 42.1 -0.3
comp=Z,1.9nm,0.7s,mb5.0,baz=98,slow=8.5,SNR=162

ASAR comp=Z,2.5nm,0.7s,baz=102,slow=4.4,SNR=6.3
04 46 09.8 -0.1

ASAR comp=Z,1.0nm,0.8s,baz=91,slow=15,SNR=7.4
04 51 28.6 -4.4

WRA Warramunga Arr 47.85 260 P P 04 44 42.0 -0.5
comp=Z,4.3nm,0.3s,mb4.8,baz=96,slow=7.5,SNR=50

KAKA Kakadu 51.03 269 eP P 04 45 06.3 -0.5
comp=Z,1.1nm,0.6s,mb5.3

FORT Forrest 25.29 245 eP P 04 45 18.0 -0.9
comp=Z,2.6nm,0.9s,mb5.3

FITZ Fitzroy Crossi 56.27 261 eP P 04 45 44.9 -0.1
comp=Z,1.9nm,0.6s,mb4.9

BATI Kupang 59.99 269 P P 04 46 10.8 -0.2
comp=Z,2.0nm,0.5s,mb5.4,baz=102,slow=9.3,SNR=4.7

MBWA Marble Bar 61.17 256 eP P 04 46 17.6 -1.4
comp=Z,1.5nm,0.9s,mb5.0

KLBR Kellerberrin 61.46 244 eP P 04 46 20.2 -0.5
comp=Z,2.7nm,1.0s,mb5.2

MJAR Matsushiro Arr 70.89 321 P P 04 47 20.5 -0.3
comp=Z,6.3nm,0.7s,mb4.1,baz=157,slow=6.0,SNR=12

MAJO Matsushiro 70.89 321 P P 04 47 21.0 -0.2
comp=Z,2.0nm,0.8s,mb4.9

MAI Matsushiro 70.89 321 P P 04 47 20.9 +0.1
comp=Z,2.4nm,0.3s,mb4.3

GSPA South Pole Qui 71.06 180 eP P 04 47 22.2 +1.0
comp=Z,4.3nm,0.8s,mb4.3

KKM Kota Kinabalu 72.37 283 eP P 04 47 30.3 0.0
comp=Z,2.2nm,0.8s,mb3.9

YSS Yuz-Kabalhai 75.99 332 eP P 04 47 51.8 +1.3
comp=Z,2.8nm,1.2s,mb4.9

KSRS Korea Array 77.85 317 P P 04 48 03.0 +1.8
comp=Z,3.7nm,0.9s,mb4.1,baz=137,slow=5.9,SNR=10

NVAR Nina Array Bea 77.86 42 P P 04 48 01.6 +0.4
comp=Z,2.0nm,0.8s,mb3.9,baz=227,slow=9.4,SNR=14

TUC Tucson 79.66 51 eP P 04 48 11.7 +0.4
comp=Z,1.0nm,0.8s,mb3.7

Table with columns: ID, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like MAKANCHI ARRAY, MALAYSIYA, etc.

IDC 10 04:40:32.6, 1.7, 695S:15472E, h0km, mb4.0/5, mb1.4/2/5, mb1mx4.0/12, mb1mx3.6/15, Error ellipse: s-maj=70.1km s-min=29.4km az=115.0, Bougainville - Solomon Islands region

Code Station Name Azimuth Elevation Frequency Bandwidth Modulation Time Res
WRA Warramunga Arr 23.62 235 P 04 45 45.3 -0.4

STKA Stephens Creek 27.66 205 P 04 46 22.7 +0.5
1.1nm,0.5s,baz=37,slow=14,SNR=3.2

MKAR Makanchi Array 83.19 319 P 04 50 01.8 +0.9
1.0nm,0.7s,baz=103,slow=5.2,SNR=9.6

YKA Yellowknife Arr 96.42 28 P 04 54 00.3 -0.7
0.6nm,0.5s,baz=109,slow=5.2,SNR=2.8

TORD Torodi Arr, Bea 152.75 285 PKPbc 05 00 31.9 -0.7
0.6nm,0.9s,baz=82,slow=1.2,SNR=4.3

ISCJB 10 04:47:21.2, 1.2, 1421N:006:9319W, 006, h22km, 20km, mb4.0/16, MS3.5/2, Error ellipse: s-maj=10.0km s-min=9.6km az=166.5

NEIC 10 04:47:27.6, 4.6, 1419N:9323W, h13km, 29km, mb4.1/13, MD4.6(MEX), Error ellipse: s-maj=16.5km s-min=9.2km az=207.0

MEX 10 04:47:34.0, 6.6, 1452N:9364W, h32km, 99km, MD4.6
IDC 10 04:47:37.3, 3.3, 1452N:9267W, h89km, 45km, mb3.7/7, mb1.3/8.9, mb1mx3.6/23, mb1mx3.6/9, MS3.4/4, Ms1.3/4, ms1mx2.9/29, Error ellipse: s-maj=53.2km s-min=16.0km az=49.0

ISC 10 04:47:29.6, 2.7, 1419N:006:9322W, 006, h26km, 21km, n49, c142/51, mb4.0/16, MS3.5/2, Near coast of Chiapas

Code Station Name Azimuth Elevation Frequency Bandwidth Modulation Time Res
CCIG Comitán 2.33 27 Op P 04 48 07.8 +1.5

CCIG Comitán 2.33 27 P P 04 48 07.7 +2.7
0.5nm,0.5s,baz=37,slow=14,SNR=3.2

SCX San Cristobal 2.59 13 P P 04 48 34.9 +0.9
0.5nm,0.5s,baz=37,slow=14,SNR=3.2

CMIG Matias Romero 3.30 331 S P 04 48 38.1 -2.4
0.5nm,0.5s,baz=37,slow=14,SNR=3.2

CMIG Matias Romero 3.30 331 P P 04 48 16.2 -3.4
0.5nm,0.5s,baz=37,slow=14,SNR=3.2

SBLE San Blas 3.51 95 X P 04 49 07.4 +0.5
0.5nm,0.5s,baz=37,slow=14,SNR=3.2

SJNS San Jose 3.52 95 eP X 04 49 05.5 +0.5
0.5nm,0.5s,baz=37,slow=14,SNR=3.2

BOQS Boqueron 3.85 96 eP X 04 49 12.2 +0.5
0.5nm,0.5s,baz=37,slow=14,SNR=3.2

LFRS El Faro 4.08 97 eP X 04 49 15.9 +0.5
0.5nm,0.5s,baz=37,slow=14,SNR=3.2

Table with columns: WHO, Vista Hermosa, Popocatepetl, etc. Includes station names, codes, and various data points.

ISCJB 10 04:49:54.9-0.3, 3825N-002-2165E, h13km, Error ellipse: s-maj=3.4km s-min=2.7km az=171.6

CSEM 10 04:49:55.0-1, 3829N-2163E, h5km, ML3.5, Error ellipse: s-maj=2.8km s-min=2.4km az=168.0

ATH 10 04:49:55.7, 3828N-2165E, h13km, 3km, MD3.7/9 NEIC 10 04:49:55.5, 3829N-2166E, h14km, MD3.7(ATH), After ATH.

THE 10 04:49:55.7, 3833N-2160E, h13km, ML3.5 ISC 10 04:49:55.4-0.3, 3827N-002-2163E, h10km, 4km, n27, 0187/144, 5C-5D, Greece

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

ATH 10 05:11:29.5, 3753N-2145E, h20km, 4km, MD3.4/4 NEIC 10 05:11:29.0, 3752N-2143E, h19km, MD3.4(ATH), After ATH.

CSEM 10 05:11:30.8-0.2, 3760N-2163E, h2km, MD3.4, Error ellipse: s-maj=3km s-min=2.7km az=70.0

THE 10 05:11:30.5, 3759N-2164E, h5km, ML3.0 ISC 10 05:11:30.7-0.7, 3759N-003-2161E, h2km, 8km, n12, 0098/21, 1C-3D, Southern Greece

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

Table with columns: VLI, Veliai, Pn, 05 11 56.0 -0.8, etc. Includes station names and data points.

IPEC 10 05:12:34.9-0.3, 5159N-1614E, h0km, 1km, ML2.3/4, Error ellipse: s-maj=2.2km s-min=1.5km az=30.0

ISCJB 10 05:12:34.3-0.7, 5149N-003-1604E, h0km, Error ellipse: s-maj=5.3km s-min=2.8km az=20.4

PRU 10 05:12:36.1, 5153N-1605E, h0km CSEM 10 05:12:36.3-0.3, 5152N-1605E, h0km, ML3.0/10, Error ellipse: s-maj=4.3km s-min=2.4km az=12.0

VIE 10 05:12:38.2-0.4, 5129N-1630E, h0km, mb2.1/3, ML2.6/4, Error ellipse: s-maj=2.7km s-min=2.2km az=96.0

WAR 10 05:12:38.0-0.7, 5154N-1603E, ML2.5, Mining Induced ISC 10 05:12:35.0-0.7, 5154N-004-1606E, h0km, n21, 0577/44, 3C-10, Poland

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

ISCJB 10 05:31:30.0-0.3, 3257S-002-7138W, h75km, 3km, mb4.5/48, Error ellipse: s-maj=8.8km s-min=3.6km az=170.1

IDC 10 05:31:30.5-0.5, 3256S-7147W, h66km, 4km, mb4.2/12, mb1.4/3.16, mb1mx4.2/19, mbtmp4.2/16, MS3.7/5, Ms1.3/6.5, ms1mx3.2/21, Error ellipse: s-maj=12.8km s-min=10.7km az=154.0

GUC 10 05:31:31.2-0.7, 3262S-7137W, h59km, 5km, ML5.0 BUJ 10 05:31:31.2, 3260S-7140W, h59km, mb4.6, Ms4.8, Msz4.5 NEIC 10 05:31:31.2, 3262S-7137W, h59km, mb4.7/37, After GUC.

NEIC Felt [V] at Los Andes, Puchuncavi and San Felipe; [III] at La Ligua, Limache, Olmué, Pajón, Quilota, Quilque, San Antonio, Santago, Valparaiso, Vina del Mar and Zapallar; [II] at Iliapel and Melipilla.

ISC 10 05:31:30.9-0.3, 3257S-002-7138W, h67km, 3km, h66km, 7km; pP-N137, 0627/116, mb4.5/48, 16C-11D, Near coast of central Chile

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

Table with columns: OVCH, Niches, Toledo Astrono, La Serena, etc. Includes station names, codes, and various data points.



Table with columns: TOR, Torodi Ar. Bea, 83.20, 70, P, P, 05 43 50.0 -0.2, etc. Includes stations like Indian Meadow, Yellowknife Ar, etc.

CSEM 10 05:32:12.6, 3491N-2261E, h36km, MD3.5/5, After ATH
NEIC 10 05:32:12.6, 3491N-2261E, h36km, MD3.5(ATH), After ATH.

ATH 10 05:32:13.7, 3496N-2269E, h57km, MD3.5, 4D, Central Mediterranean Sea

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

TIF 10 05:32:15.9, 3858N-4364E, h7km, 2km
ISK 10 05:32:15.6, 3858N-4368E, h5km, MD3.3

ISCJB 10 05:32:16.1, 0.8, 3856N-4374E, h10km, MD3.3, Error ellipse: s-maj=6.7km s-min=4.7km az=2.9

CSEM 10 05:32:16.0, 0.2, 3856N-4370E, h10km, MD3.3, Error ellipse: s-maj=4.3km s-min=2.7km az=105.0

DDA 10 05:32:17.9, 3854N-4377E, h7km, 5km, MD3.3
ISC 10 05:32:16.8, 0.7, 3856N-4374E, h5km, 6km, n17, r121/25, Turkey

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

Table with columns: ERZM, Erzurum, 2.28 307, ePN, Pn, 05 33 28.2 -1.8, etc.

HLW 10 05:38:26.8, 3227N-3568E, h19km, Mb3.7
CSEM 10 05:38:27.3, 0.1, 3202N-3548E, h8km, ML3.3, Error ellipse: s-maj=4.0km s-min=1.8km az=121.0

ISCJB 10 05:38:27.9, 0.4, 3201N-3549E, h4km, 3km, Error ellipse: s-maj=5.8km s-min=2.3km az=19.3

GRAL 10 05:38:27.2, 0.1, 3128N-3562E, h31km, 12km, MD3.3
Gll 10 05:38:27.9, 0.2, 3203N-3548E, h3km, 1km, ML3.2/14

NSCC 10 05:38:28.6, 3202N-3560E, h15km, 3km
ISC 10 05:38:28.5, 0.4, 3201N-3552E, h5km, 3km, n43, r0817/0, 4D, Dead Sea region

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

MEX 10 05:45:30.3, 0.5, 1663N-9967W, h5km, 11km, MD3.5, Near coast of Guerrero

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

ISCJB 10 05:59:37.7, 0.8, 3760N-003-2170E, h8km, 8km, Error ellipse: s-maj=11.6km s-min=4.7km az=166.6

CSEM 10 05:59:38.3, 0.2, 3760N-2172E, h12km, MD3.4, Error ellipse: s-maj=7.7km s-min=3.2km az=77.0

ATH 10 05:59:38.5, 3765N-2177E, h15km, 11km, MD3.4/5
NEIC 10 05:59:38.5, 3765N-2177E, h15km, MD3.4(ATH), After ATH.

THE 10 05:59:38.2, 0.7, 3760N-003-2170E, h15km, 7km, n11, r087/15, 3C-1D, Southern Greece

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

ISC 10 06:14:02.8, 2.0, 5426N-16246W, h0km, mb3.5/5, mb1 3.8/7, mb1mx3.6/24, mbtpr3.6/7, ML3.5/1, Error ellipse: s-maj=44.5km s-min=29.9km az=18.0

NEIC 10 06:14:04.3, 5413N-16238W, h10km, ML3.1(AEIC), After AEIC.

ISCJB 10 06:14:05.6, 0.7, 5411N-009-16228W, h0.7, h33km, mb3.5/5, Error ellipse: s-maj=12.5km s-min=5.7km az=172.0

ISC 10 06:14:07.4, 0.7, 5409N-008-16237W, h5km, n16, r142/20, mb3.5/5, Alaska Peninsula

Table with columns: AKUT, Akutan Long Va, 2.11 273, S, Sn, 06 15 03.4 +0.9, etc.

NNC 10 06:28:30.8, 4.4, 3819N-7063E, h0km, mb4.3, mpv4.7, Error ellipse: s-maj=44.4km s-min=2.1km az=169.0

IDC 10 06:28:36.4, 0.9, 3850N-7078E, h0km, mb4.1/9, mb1 4.2/12, mb1mx4.1/12, mbtpr4.1/12, ML3.9/3, MS3.3/7, Ms1 3.3/7, ms1mx3.7/25, Error ellipse: s-maj=16.7km s-min=14.8km az=173.0

ISCJB 10 06:28:38.7, 0.8, 3857N-003-7058E, h0.6, h34km, 9km, mb4.2/19, MS3.4/5, Error ellipse: s-maj=7.7km s-min=5.2km az=155.1

BUJ 10 06:28:41.4, 3919N-7033E, h44km, mb4.1, ML3.9
MOS 10 06:28:43.3, 1.1, 3893N-7061E, h57km, mb4.3/6, Error ellipse: s-maj=13.7km s-min=6.4km az=84.2

NEIC 10 06:28:45.1, 1.1, 3900N-7063E, h49km, 13km, mb4.0/2, Error ellipse: s-maj=15.8km s-min=11.1km az=129.0

ISC 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

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

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region

FRU 10 06:28:42.9, 0.8, 3879N-005-7050E, h0.6, h45km, 8km, n82, r131/99, mb4.2/19, MS3.4/5, 10C-5D Afghanistan-Tajikistan border region



Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AKTO, DANN, KOLN, GKN, KKN, DMN, PKI, GUN, JIRN, ZAL, ZAA, ZALV, NVS, ARU, ARU, ARU, GNI, ARU, MIB, RDF, RDF, NAY, NAY, KIV, KIV, GTA, GTA, GTA, ANA, ANA, ZAK, ZAK, SIM, SIM, ULN, ULN, ULN, ULN, AKASG, AKASG, FINES, FINES, ARCES, ARCES, NB2, NOA, NOA, NOA, NOA, TIKI, TIKI, TIKI, TORO, TORO, INK, INK, YKA, YKA, YKA, YKA, YKA, WRA, WRA, WRA, ASAR, ULM, MOS 10 07:15-03.7, 0.4, 318N-4567E, h95km, mb3.8/1, 3C-1D, Eastern Caucasus.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRAB, WRA, WRA, ASAR, ASAR, STKA, STKA, FITZ, FITZ, FITZ, URZ, URZ, RPZ, KLB, MJAR, NWAO, KSR, KSR, KLR, CHTO, CHTO, HIA, HIA, LZH, LZH, LZH, LZH, BILL, BILL, MK31, MKAR, MKAR, ZAA, ZAA, ZAA, ZAA, NVS, NVS, ULH, ULH, KURK, KURK, KURK, TKM, TKM, KZA, KZA, QSPA, QSPA, CHMS, CHMS, UCH, UCH, UCH, AAK, AAK, USP, USP, MAW, MAW, AML, AML, EKS2, EKS2, INK, INK, BVAR, BVAR, NVAR, NVAR, PFO, PFO, NEW, NEW, YKA, YKA, YKA, BDFB, BDFB, TOAO, TOAO, TORO, TORO, TORO, TORO, DBIC, DBIC, ISCJB 10 07:37:06.3, 6.8, 345N-03.81E, h03, h36km, 57km, mb3.5/6, Error ellipse: s-maj=50.6km s-min=28.4km.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PTL, PTL, ATH, ATH, LKR, LKR, LKR, LKR, LTR, LTR, NAIG, NAIG, AOS, AOS, NEO, NEO, XOR, XOR, DID, DID, AGG, AGG, SEL, SEL, VLX, VLX, PAIG, PAIG, RLS, RLS, VLI, VLI, ITM, ITM, OUR, OUR, PLG, PLG, APE, APE, MEX 10 08:19:56.8, 0.6, 1631N-9861W, h15km, 14km, MD3.5, Near coast of Guerrero.

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

ISCJB 10 09:03:44.9-0.5, 1800N.005:6401W.003, h23km, 9km, Error ellipse: s-maj=9.5km s-min=4.1km az=21.8

NEIC 10 09:03:46.4, 1804N.6399W, h11km, MD3.6(RSPR), After RSPR

RSPR 10 09:03:46.4, 1804N.6399W, h11km, 5km, MD3.6/14, MD3.6/14

ISC 10 09:03:44.5-0.6, 1801N.005:6400W.003, h16km, 5km, n18, 0573/23, 9C-5D, Virgin Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tortola, St. Croix, Anegada, Saba, etc.

ISCJB 10 09:07:18.9-0.8, 515N.02:753E.01, h10km, Error ellipse: s-maj=27.7km s-min=7.7km az=23.8

IDC 10 09:07:25.2-1.2, 5166N.7544E, h0km, mb3.9/1, mb1 4.0/2, mb1mx3.4/22, mbmp3.6/2, ML2.8/3, Error ellipse: s-maj=27.5km s-min=12.1km az=27.0

NNC 10 09:07:26.0-1.8, 5087N.7516E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=46.0km s-min=8.2km az=20.0

ISC 10 09:07:21.4-0.9, 5148N.02:753E.01, h10km, n8, r126/12, 6C-4D, Eastern Kazakhstan

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

IDC 10 09:37:26.7-5.1, 01902S-17693W, h0km, mb4.1/3, mb1 4.2/3, mb1mx3.8/14, mbtmp4.1/3, Error ellipse: s-maj=950.9km s-min=164.1km az=81.0, Fiji Islands region

IDC 10 09:37:27.1-2.2, 2308S-17006E, h0km, mb4.0/6, mb1 4.1/6, mb1mx4.0/13, mbtmp4.0/6, MS3.3/1, Ms1 3.3/1, mb1mx2.6/23, Error ellipse: s-maj=48.4km s-min=36.2km az=49.0, Southeast of Loyalty Islands

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

IDC 10 09:33:27.8-7.6, 3629N.7144E, h155km, 66km, mb3.4/6, mb1 3.4/10, mb1mx3.2/24, mbtmp3.3/10, Error ellipse: s-maj=51.7km s-min=30.7km az=155.0

ISCJB 10 09:33:31.7-0.4, 3668N.003:7145E.005, h190km, 6km, mb3.6/6, Error ellipse: s-maj=7.1km s-min=3.7km az=148.8

NEIC 10 09:33:33.0-1.0, 3665N.7143E, h187km, 9km, mb4.3/5, Error ellipse: s-maj=25.5km s-min=8.8km az=129.0

NNC 10 09:33:41.1-2.4, 3741N.7116E, h193km, 26km, mb2.7, mpv4.1, Error ellipse: s-maj=21.9km s-min=13.6km az=20.0

ISC 10 09:33:62.0-0.4, 3669N.003:7144E.006, h175km, 6km, n47, r120/66, mb3.6/6, 4C-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kabul, Thein Dam, Dalhousie, Almayashu, etc.

ISC 10 09:44:17.0-0.8, 8230S.006:11246E.005, h132km, 7km, n95, r102/92, mb4.7/45, 1C-1D, Jawa

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

ISC 10 09:44:17.0-0.8, 8230S.006:11246E.005, h132km, 7km, n95, r102/92, mb4.7/45, 1C-1D, Jawa

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

IDC 10 09:37:26.7-5.1, 01902S-17693W, h0km, mb4.1/3, mb1 4.2/3, mb1mx3.8/14, mbtmp4.1/3, Error ellipse: s-maj=950.9km s-min=164.1km az=81.0, Fiji Islands region

IDC 10 09:37:27.1-2.2, 2308S-17006E, h0km, mb4.0/6, mb1 4.1/6, mb1mx4.0/13, mbtmp4.0/6, MS3.3/1, Ms1 3.3/1, mb1mx2.6/23, Error ellipse: s-maj=48.4km s-min=36.2km az=49.0, Southeast of Loyalty Islands

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

IDC 10 09:37:27.1-2.2, 2308S-17006E, h0km, mb4.0/6, mb1 4.1/6, mb1mx4.0/13, mbtmp4.0/6, MS3.3/1, Ms1 3.3/1, mb1mx2.6/23, Error ellipse: s-maj=48.4km s-min=36.2km az=49.0, Southeast of Loyalty Islands

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

IDC 10 09:33:27.8-7.6, 3629N.7144E, h155km, 66km, mb3.4/6, mb1 3.4/10, mb1mx3.2/24, mbtmp3.3/10, Error ellipse: s-maj=51.7km s-min=30.7km az=155.0

ISCJB 10 09:33:31.7-0.4, 3668N.003:7145E.005, h190km, 6km, mb3.6/6, Error ellipse: s-maj=7.1km s-min=3.7km az=148.8

NEIC 10 09:33:33.0-1.0, 3665N.7143E, h187km, 9km, mb4.3/5, Error ellipse: s-maj=25.5km s-min=8.8km az=129.0

NNC 10 09:33:41.1-2.4, 3741N.7116E, h193km, 26km, mb2.7, mpv4.1, Error ellipse: s-maj=21.9km s-min=13.6km az=20.0

ISC 10 09:33:62.0-0.4, 3669N.003:7144E.006, h175km, 6km, n47, r120/66, mb3.6/6, 4C-3D, Afghanistan-Tajikistan border region

BUI 10 09:44:14.5, 820S.11240E, h125km, mb4.9, mb4.9

ISCJB 10 09:44:16.0-0.8, 820S.006:11245E.005, h141km, 7km, mb4.7/45, Error ellipse: s-maj=11.0km s-min=6.7km az=35.3

MOS 10 09:44:16.8-0.6, 810S.11247E, h147km, mb4.5/11, Error ellipse: s-maj=22.3km s-min=11.4km az=105.4

NEIC 10 09:44:16.5-0.3, 818S.11240E, mb4.7/15, Error ellipse: s-maj=9.7km s-min=6.2km az=52.0

NEIC Fell III at Malang

IDC 10 09:44:18.3-2.8, 817S.11243E, h140km, 25km, mb4.2/13,

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

ISC 10 09:44:17.0-0.8, 8230S.006:11246E.005, h132km, 7km, n95, r102/92, mb4.7/45, 1C-1D, Jawa

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

ISC 10 09:44:17.0-0.8, 8230S.006:11246E.005, h132km, 7km, n95, r102/92, mb4.7/45, 1C-1D, Jawa

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

IDC 10 09:37:26.7-5.1, 01902S-17693W, h0km, mb4.1/3, mb1 4.2/3, mb1mx3.8/14, mbtmp4.1/3, Error ellipse: s-maj=950.9km s-min=164.1km az=81.0, Fiji Islands region

IDC 10 09:37:27.1-2.2, 2308S-17006E, h0km, mb4.0/6, mb1 4.1/6, mb1mx4.0/13, mbtmp4.0/6, MS3.3/1, Ms1 3.3/1, mb1mx2.6/23, Error ellipse: s-maj=48.4km s-min=36.2km az=49.0, Southeast of Loyalty Islands

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

IDC 10 09:37:27.1-2.2, 2308S-17006E, h0km, mb4.0/6, mb1 4.1/6, mb1mx4.0/13, mbtmp4.0/6, MS3.3/1, Ms1 3.3/1, mb1mx2.6/23, Error ellipse: s-maj=48.4km s-min=36.2km az=49.0, Southeast of Loyalty Islands

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

IDC 10 09:33:27.8-7.6, 3629N.7144E, h155km, 66km, mb3.4/6, mb1 3.4/10, mb1mx3.2/24, mbtmp3.3/10, Error ellipse: s-maj=51.7km s-min=30.7km az=155.0

ISCJB 10 09:33:31.7-0.4, 3668N.003:7145E.005, h190km, 6km, mb3.6/6, Error ellipse: s-maj=7.1km s-min=3.7km az=148.8

NEIC 10 09:33:33.0-1.0, 3665N.7143E, h187km, 9km, mb4.3/5, Error ellipse: s-maj=25.5km s-min=8.8km az=129.0

NNC 10 09:33:41.1-2.4, 3741N.7116E, h193km, 26km, mb2.7, mpv4.1, Error ellipse: s-maj=21.9km s-min=13.6km az=20.0

ISC 10 09:33:62.0-0.4, 3669N.003:7144E.006, h175km, 6km, n47, r120/66, mb3.6/6, 4C-3D, Afghanistan-Tajikistan border region

BUI 10 09:44:14.5, 820S.11240E, h125km, mb4.9, mb4.9

ISCJB 10 09:44:16.0-0.8, 820S.006:11245E.005, h141km, 7km, mb4.7/45, Error ellipse: s-maj=11.0km s-min=6.7km az=35.3

MOS 10 09:44:16.8-0.6, 810S.11247E, h147km, mb4.5/11, Error ellipse: s-maj=22.3km s-min=11.4km az=105.4

NEIC 10 09:44:16.5-0.3, 818S.11240E, mb4.7/15, Error ellipse: s-maj=9.7km s-min=6.2km az=52.0

NEIC Fell III at Malang

IDC 10 09:44:18.3-2.8, 817S.11243E, h140km, 25km, mb4.2/13,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OPO Ambohitrampito, URZ Urewera, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATI Kupang, CHTO Chiang Mai, FITZ Fitzroy Crossi, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISCBJ 10:02:44.75.8, 241S:0.1x1798E:0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LZHZ Lanzhou, NDI New Delhi, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISCBJ 10:02:12.9.0.3, 134N:0.05:9890E:0.07, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATH 10:10:11:06.3, 3530N:231.0E, h30km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, ZALZ Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISCBJ 10:02:12.9.0.3, 134N:0.05:9890E:0.07, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 10:12:41.6.0.7, 487S:102.79E, h0km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YSS Yuzh-Sakhalins, BOD Bodaibo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISCBJ 10:02:12.9.0.3, 134N:0.05:9890E:0.07, etc.











10d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NKY, GRG, BRY, Bratogost, etc.

IDC 10 13:44:42.9.4.1, 3.19N-95.88E, h0km, mb3.6/4, mb1 3.7/4, mb1mx3.5/20, mbtmp3.6/4, Error ellipse: s-maj=161.6km s-min=27.6km az=58.0

ISCJB 10 13:44:48.0.2.2, 3.5N-103.965E-0.0, h33km, mb3.6/4, Error ellipse: s-maj=53.3km s-min=19.4km az=38.5

ISC 10 13:44:50.7.2.3, 3.6N-103.966E-0.0, h33km, m5, alpha198/5, mb3.6/4, ID, Northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TSI, WRA, MKAR, SOMNI, ZALV.

ISCJB 10 14:02:40.7.0.3, 7.63S-155.62E, h10km, mb4.6/44, MS3.9/10, Error ellipse: s-maj=8.2km s-min=7.1km az=17.3

NEIC 10 14:02:41.8.0.3, 7.68S-155.62E, h10km, mb4.7/24, Error ellipse: s-maj=10.3km s-min=7.7km az=132.0

MOS 10 14:02:44.2.0.9, 7.54S-155.69E, h33km, mb5.0/14, Error ellipse: s-maj=15.7km s-min=10.0km az=111.5

IDC 10 14:02:47.6.2.9, 7.74S-155.60E, h51km, mb2.8/15, mb1 4.2/16, mb1mx4.2/18, mbtmp4.2/16, ML3.6/1, MS3.5/8, Ms1 3.5/8, ms1mx3.3/25, Error ellipse: s-maj=16.9km s-min=14.9km az=122.0

ISC 10 14:02:42.4.0.3, 7.67S-155.60E, h10km, n91, alpha15/90, mb4.6/44, MS3.9/10, IC, Bougainville - Solomon Islands region

Main table for 10d 15h section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HNR, WRA, ASAR, STKA, etc.

2007 MAY

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

Main table for 2007 MAY section with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HHC, HHC, HIA, HIA, etc.

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

BUJ 10 14:03:40.3.2.1, 21.70N-143.10E, h30km, mb4.8, mb4.5, Ms4.2, Ms2.0

ISCJB 10 14:03:41.6.0.7, 21.71N-0.1-143.1E-0.1, h33km, mb4.3/21, MS3.9/1, Error ellipse: s-maj=17.6km s-min=14.4km az=146.9

NEIC 10 14:03:43.4.0.5, 21.72N-143.08E, h35km, mb4.4/8, Error ellipse: s-maj=16.4km s-min=13.2km az=66.0

IDC 10 14:03:47.6.9.9, 21.74N-143.04E, h75km, mb3.7/10, mb1 3.8/10, mb1mx3.8/20, mbtmp3.7/10, Error ellipse: s-maj=37.1km s-min=17.3km az=77.0

ISC 10 14:03:47.8.7.7, 21.71N-0.1-143.1E-0.2, h73km, mb6.1km, n28, alpha102/25, mb4.2/21, Mariana Islands region

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

MAN 10 14:09:55.1256N-1256E, h39km, mb4.3, ML3.2, MS3.0, Samar

ISCJB 10 14:58:21.1.1.9, 6.3N-101.1264E-0.2, h80km, mb18km, mb3.9/7, Error ellipse: s-maj=41.1km s-min=13.3km az=163.8

NEIC 10 14:58:21.5.1.7, 6.28N-126.39E, h64km, mb16km, mb4.3/4, Error ellipse: s-maj=31.6km s-min=9.5km az=73.0

MAN 10 14:58:22.6.12N-126.17E, h79km, mb4.8, ML3.7, MS3.7, IDC 10 14:58:27.1.4.0, 6.14N-126.10E, h14km, mb133km, mb3.7/4, mb1 4.0/6, mb1mx3.6/19, mbtmp3.9/6, ML4.3/2, Error ellipse: s-maj=117.0km s-min=25.0km az=60.0

ISC 10 14:58:21.2.2.3, 6.3N-101.1266E-0.3, h61km, mb22km, n17, alpha85/18, mb3.9/7, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DAV, KAPI, BATI, KAKA, etc.

IDC 10 15:20:48.3.5.5, 742S-1548E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.5/13, mbtmp3.6/4, Error ellipse: s-maj=170.7km s-min=32.7km az=114.0, Bougainville - Solomon Islands region

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





Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MJAR, JNU, KSRs, VLA, ASAJ, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPIG, TXAR, ULN, BJI, etc.







Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GERES GRESS Array B, MBWA Marble Bar, CAMU Cham du Feu, etc.

CSEM 10 17:18:26.3-1.2, 3725N, 2471W, h5km, ML3.8, Error ellipse: s-maj=3.2km s-min=3.6km az=83.0, After PDA 10 17:18:26.3-1.2, 3725N, 2471W, h5km, MS3.0, 3.8, Error ellipse: s-maj=8.2km s-min=3.6km az=83.0, Azores Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSMN Pico do Norte, CMLA Cha da Macela, PDA Ponta Delgada, etc.

IDC 10 17:21:45.2-3.1, 1930S, 16900E, h0km, mb4.4/6, mb1 4.6, mb1mx4.2/1.5, mbtmp4.5/6, MS3.3/3, Ms1 3.3/3, ms1mx3.0/20, Error ellipse: s-maj=67.5km s-min=34.4km az=32.0

NEIC 10 17:21:46.3-1.6, 1937S, 16910E, h10km, mb4.9/5, Error ellipse: s-maj=37.0km s-min=16.1km az=213.0

ISC 10 17:21:53.5-4.2, 198S, 02.1688E, 0.2, h48km, 31km, n16, 0.85/15, mb4.6/10, MS3.2, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, HNR Honiara, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CASY Casey, GERES GRESS Array B, etc.

NEIC 10 17:23:37.4, 3125S, 6865W, h144km, mb3.4/1, MD3.8(GUC), After GUC 10 17:23:37.4, 3125S, 6865W, h144km, 37km, MD3.8, ML3.8, 1C, San Juan Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMCH Combarbala, TLL Tololo Astrono, etc.

NEIC 10 17:26:06.2-1.2, 4674N, 15289E, h10km, mb4.1/4, Error ellipse: s-maj=28.6km s-min=20.0km az=166.0

JMA 10 17:26:08.8-0.9, 4678N, 15295E, h30km, M4.4, ISC 10 17:26:11.2-1.1, 4670N, 15260E, 0.1, h58km, 9km, mb4.2/13, Error ellipse: s-maj=10.8km s-min=7.8km az=138.3

MOS 10 17:26:13.8-2.0, 4696N, 15244E, h76km, mb4.3/6, Error ellipse: s-maj=16.5km s-min=11.2km az=64.7

IDC 10 17:26:17.4-4.3, 4689N, 15249E, h98km, 38km, mb3.5/8, mb1 3.6/10, mb1mx3.4/23, mbtmp3.5/10, Error ellipse: s-maj=29.5km s-min=23.2km az=118.0

ISC 10 17:26:13.0-1.0, 4668N, 008.1527E, 0.1, h58km, 17km, n53, 0.139/60, mb4.2/13, Kuril Islands

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

YAK Yakutsk 20.21 328 P pmax 17 30 42.6 -0.1

YAK Yakutsk 20.21 328 P 17 30 42.6 -0.2

KSR Korea Array 20.47 252 P 17 30 47.8 +2.0

ULN Ulanbaatar 30.62 289 P pmax 17 32 23.8 +2.5

ULN Ulanbaatar 30.62 289 P 17 32 23.8 +2.5

INL Inuvik 41.88 32 P pmax 17 33 56.6 -0.4

INL Inuvik 41.88 32 P 17 33 56.6 -0.4

MKAR Makanchi Array 46.69 297 P 17 34 32.8 -2.9

MKAR Makanchi Array 46.69 297 P 17 34 32.8 -2.9

MKAR Makanchi Array 46.69 297 P 17 34 32.8 -2.9

MKAR Makanchi Array 46.69 297 P 17 34 32.8 -2.9

MKAR Makanchi Array 46.69 297 P 17 34 32.8 -2.9

YAK Yakutsk 20.21 328 P pmax 17 30 42.6 -0.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DANN Dangsing, KOLN Koldanda, FINES FINESS Array B, etc.

ISCJB 10 17:29:26.9-2.9, 207S, 02.1785W, 0.1, h570km, 36km, mb3.8/11, Error ellipse: s-maj=26.1km s-min=20.4km az=13.6

NEIC 10 17:29:27.8-5.2, 2064S, 17841W, h579km, 57km, mb4.0/4, Error ellipse: s-maj=36.8km s-min=20.5km az=217.0

IDC 10 17:29:30.2-2.9, 2098S, 17832W, h613km, 38km, mb3.2/7, mb1 3.4/8, mb1mx3.2/16, mbtmp3.2/8, Error ellipse: s-maj=36.4km s-min=17.1km az=160.0

ISC 10 17:29:37.6-3.2, 207S, 02.1785W, 0.1, h563km, 39km, n24, 0.88/19, mb3.8/11, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, CTA Charters Tower, etc.

MAN 10 17:48:50, 982N, 12482E, h41km, mb4.1, ML2.9, MS2.6, Mindanao

NEIC 10 17:51:38.0-0.9, 2926S, 17900W, h400km, Error ellipse: s-maj=28.5km s-min=20.2km az=118.0

IDC 10 17:51:34.6-6.4, 2906S, 17905W, h555km, 58km, mb3.3/3, mb1 3.5/4, mb1mx3.2/13, mbtmp3.4/4, Error ellipse: s-maj=52.4km s-min=27.5km az=28.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ Urewera, STKA Stephens Creek, etc.

IDC 10 18:11:17.1-7.2, 1646S, 17254W, h0km, mb4.1/7, mb1 4.3/7, mb1mx4.1/17, mbtmp4.1/7, MS3.8/4, Ms1 3.8/4, ms1mx3.3/30, Error ellipse: s-maj=48.7km s-min=21.9km az=136.0

ISCJB 10 18:11:15.1-0.9, 163S, 02.1727W, 0.2, h33km, mb4.0/7, MS3.8/3, Error ellipse: s-maj=36.2km s-min=16.6km az=42.6

NEIC 10 18:11:18.0-0.7, 1638S, 17265W, h45km, Error ellipse: s-maj=33.1km s-min=13.5km az=135.0

ISC 10 18:11:18.0-0.9, 164S, 02.1726W, 0.2, h35km, n16, 0.87/10, mb4.0/7, MS3.8/3, Samoa Islands region

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

ISCJB 10 18:35:40.9-1.6, 190N, 02.1211E, 0.1, h4km, mb4.0/10,



10d 18h

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/N, error rates).

2007 MAY

Main table of station data for May 2007, including station names, frequencies, and signal quality metrics.

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Table of station data for May 2007, including station names, frequencies, and signal quality metrics.









10d 19h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like M07A Soldier Meadow, PACP Pacheco Peak, HAST Hastings Reser, etc.

2007 MAY

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NAY Al-Naaiem, N12A Clover Valley, S10A Tonopah Range, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WUAZ Wupatki, PV10 Paradox Valley, 115A Sonoran Desert, etc.

IDC 10 19:22:36.9,24.0,2048S-17938W,h650km,263km, mb3.0/4,mb1.3,2/4,mb1mx2.9/14,mbtmp3.0/4, Error ellipse: s-maj=183.9km s-min=104.5km az=85.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, ASAR Alice Springs, etc.

IDC 10 19:28:16.6,5.6,2116N-14316E,h0km,mb3.5/5, mb1.3/6,5,mb1mx3.6/18,mbtmp3.5/5, Error ellipse: s-maj=151.3km s-min=42.7km az=10.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like KSRK Korea Array, SONM Songoing Array, ZALV Zalesovo Beam, etc.

IDC 10 19:28:42.9,5.7,2094N-14317E,h0km,mb3.6/5, mb1.3/8.5,mb1mx3.7/18,mbtmp3.7/5, Error ellipse: s-maj=154.4km s-min=43.1km az=11.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like KSRK Korea Array, SONM Songoing Array, ZALV Zalesovo Beam, etc.

IDC 10 19:28:57.4,0.7,553S-13380E,h0km,mb4.4/10, mb1.4/11,mb1mx4.4/14,mbtmp4.4/11,ML5.0/2,MS4.1/1, Ms1.4/1/1,ms1mx3.2/26, Error ellipse: s-maj=30.9km s-min=14.4km az=70.0

ISCJB 10 19:29:00.4,0.4,579S-003,13380E,0.06,h34km, mb4.7/34,MS4.3/5, Error ellipse: s-maj=9.1km s-min=4.5km az=170.8

Bul 10 19:29:01.8,5.36S-13363E,h21km,mb5.0,mb4.7,MS4.7,MS4.6

NEIC 10 19:29:02.0,0.3,557S-13383E,mb4.5/11, Error ellipse: s-maj=12.3km s-min=6.2km az=73.0

ISC 10 19:29:02.0,0.4,579S-003,13381E,0.06,h36km, h36km,1.1km,pp-P,n76,e130/78,mb4.7/34,MS4.3/5, 5C-5D,Aru Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like AAI Ambon, KAKA Kakadu, KAKA Kaping, etc.

Table with columns: CTA, Station Name, Time, Res, Pn, etc. Includes stations like Charters Tower, Kadiw, Wrab, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like KAKA, WRAB, WB2, etc.

















Table of astronomical observations for May 2007, including stations like MKAR, MKUR, KURK, etc., and objects like Kurchatov, Borovoye, etc.

Table of astronomical observations for May 2007, including stations like KWP, BURAR, OJC, etc., and objects like Kalwaria, Bucovina Array, etc.

Table of astronomical observations for May 2007, including stations like STKA, ASAR, WRB, etc., and objects like Alice Springs, Warramunga Arr, etc.







11d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOD Bodaibo, MKAR Makanchi Array, ULHL Ulahol, MA2 Magadan, etc.

ISC/B 11 00:30:45.8-0.6, 1127N-002-62.13W-0.03, h120km, 5km, Error ellipse: s-maj=5.3km s-min=3.6km az=32.1 FUNV 11 00:30:46.3, 11 35N-62.00W, h15km, MW3.4 TRN 11 00:30:48.0, 11 29N-62.11W, h108km, MD3.3 NEIC 11 00:30:48.0, 11 29N-62.11W, h108km, MD3.3 (TRN), After TRN.

2007 MAY

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRGR Isla Los Testi, GRRW Mount Saint Ca, GRRS Sauteurs, etc.

MOS 11 00:42:32.8-0.9, 1907N-145.55E, h122km, mb5.4/28, Error ellipse: s-maj=8.7km s-min=5.2km az=92.7 ISCBJ 11 00:42:35.6-0.1, 1902N-003-145.55E-0.03, h144km, mb5.1/25, Error ellipse: s-maj=3.6km s-min=3.4km az=170.2 IDC 11 00:42:36.9-0.7, 1901N-145.65E, h149km, mb4.7/26, mb1.4/8.28, mb1mx4.8/28, mbtmp4.7/28, MS3.9/14, Ms1 3.8/14, ms1mx3.6/27, Error ellipse: s-maj=11.2km s-min=5.8km az=90.0 BUJ 11 00:42:37.1, 1932N-145.89E, h159km, mb4.9, mb4.8 NEIC 11 00:42:38.1, 1903N-145.61E, h160km, mb5.3/55, Error ellipse: s-maj=4.8km s-min=3.9km az=104.0 GCMT 11 00:42:38.6-0.2, 1904N-146.04E, h18km, mb2km, MW5.1/85, Moment Tensor Solution. s53.c61; s85.c135; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-3.05e-13; Mth-2.02e-14; Mtt-1.17e-16; Ml-2.32e-10; Mbb-1.94e-16; Mbb-2.09e-11; Best double couple: Ms5.15200x1016 Np1.26x260.00000, s33.00000, l-133.00000. NP2: 129.00000, s67.00000, l-66.00000. Principal axes: T 5.7870, Plg18.00000, Azm201.00000; N -1.2710, Plg22.00000, Azm299.00000; P -4.5170, Plg61.00000, Azm75.00000; nstai1 refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUMO Guam, CBJ Chichi jima, CBJ Chichi jima, JOW Kunigami, etc.

ISC 11 00:42:37.4-0.1, 1904N-003-145.61E-0.02, h146km, h146km, 3.1km, p-P, n66.0, s69.6/62, mb5.1/125, 109C-119D, Mariana Islands

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

ULN	Songio Array	42.82 321	eSP	sP	00 51 09.5 +3.0
SOMM	comp=Z,14nm,0.6s,mb4.7,baz=135,slow=8.7,SNR=72	P	P	P	00 50 21.2 +0.5
SOMM	comp=Z,1.0nm,0.7s,baz=132,slow=8.2,SNR=5.2	ScP	ScP	00 55 44.9 -1.8	
SOMM	comp=Z,1.35nm,18.3s,baz=79,slow=37	LR	LR	01 09 07.9	
ASAR	Alice Springs	43.95 196	P	P	00 50 29.4 -0.6
ASAR	comp=Z,12nm,0.7s,mb4.7,baz=18,slow=8.3,SNR=100	S	S	00 52 22.4	
ASAR	comp=Z,3.2nm,1.0s,baz=13,slow=4.2,SNR=6.3	PP	PP	00 50 22.4 +6.8	
ASAR	comp=Z,4.2nm,0.9s,baz=20,slow=8.2,SNR=4.3	ScP	ScP	00 55 50.1 -1.4	
ADK	Adak	44.08 33	eP	eP	00 56 50.2 -0.7
ADK	comp=Z,5.5nm,1.0s,baz=15,slow=19,SNR=16	P	P	00 50 30.6 -0.2	
ADK	comp=Z,160nm,1.1s,mb5.6	Pmax	Pmax		
ADK	Adak	44.08 33	eP	P	00 50 30.6 -0.1
SEY	Seymourhan	44.10 41	eP	P	00 50 31.3 +0.5
GTA	Gaotai	44.27 307	eP	P	00 50 35.6 +3.1
GTA	comp=Z,52nm,4.9s	PP	PP	00 52 24.4 +5.8	
GTA	comp=N,285nm,17.5s	ScP	ScP	00 55 53.0 +0.2	
GTA	comp=E,151nm,16.7s	S	S	00 57 03.6 +8.3	
GTA	comp=Z,4.0nm,1.1s,mb4.0	SS	SS	01 00 14.4 -4.3	
GTA	comp=Z,52nm,4.9s	AMB	AMB		
GTA	comp=N,285nm,17.5s	LR	LR		
GTA	comp=E,151nm,16.7s	LR	LR		
YAK	Yakutsk	44.37 349	eP	P	00 50 32.8 -0.1
YAK	comp=Z,161nm,1.1s,mb5.6	ePP	P	00 51 00.0 -5.5	
YAK	comp=Z,27nm,1.1s,baz=51,slow=7,SNR=5.5	e	P	00 52 19.8	
YAK	comp=Z,2.7nm,1.0s,mb4.8	ePPP	P	00 52 57.6	
YAK	comp=N,105nm,1.2s	eS	S	00 56 55.4 +0.2	
YAK	comp=E,52nm,2.3s	eSS	SS	01 00 21.3	
YAK	comp=N,96nm,2.2s	eSSS	SSS	01 01 08.6	
YAK	comp=Z,330nm,1.1s,mb5.9	Pmax	Pmax		
YAK	comp=N,105nm,1.2s	Pmax	Pmax		
YAK	comp=E,38nm,1.2s	Pmax	Pmax		
YAK	comp=Z,2.7nm,1.0s,mb4.8	Pmax	Pmax		
YAK	comp=N,100nm,4.1s	Pmax	Pmax		
YAK	comp=E,52nm,2.3s	Pmax	Pmax		
YAK	comp=N,96nm,2.2s	smax			
YAK	comp=E,185nm,2.2s	smax			
YAK	Yakutsk	44.37 349	eP	P	00 50 32.7 -0.2
BOD	Bodaibo	45.16 337	eP	P	00 50 38.1 -1.1
BOD	comp=Z,5.0nm,1.3s,mb4.0	Pmax	Pmax		
BOD	comp=Z,5.0nm,1.3s,mb4.0	Pmax	Pmax		
ZAK	Zakamensk	45.83 323	eP	P	00 50 44.3 -0.3
ZAK	comp=Z,8.0nm,0.9s,mb4.3	e	P	00 51 15.1 -2.3	
ZAK	comp=Z,7.0nm,1.2s,mb4.2	Pmax	Pmax		
MWBA	Marble Bar	47.30 214	eP	P	00 50 57.3 +0.9
MWBA	comp=Z,11nm,0.5s,mb4.3,baz=170,slow=1.0,SNR=4.9	P	P	00 51 31.5 +2.1	
MWBA	comp=Z,27nm,1.1s,baz=51,slow=7,SNR=5.5	eP	P	00 52 23.7 -1.5	
MOY	Mondy	47.69 324	eP	P	00 51 00.4 +1.3
PSI	Prapat	48.40 256	eP	P	00 51 06.4 +1.4
PSI	comp=Z,3.9nm,0.5s,mb4.3,baz=170,slow=1.0,SNR=4.9	P	P	00 51 38.4 +0.2	
PSI	comp=Z,27nm,1.1s,baz=51,slow=7,SNR=5.5	P	P	00 51 06.1 -1.3	
NIKO	Nikolski	48.78 35	eP	P	00 51 21.7 0.0
BILL	Billibino	50.70 10	eP	P	00 51 21.7 0.0
BILL	comp=Z,155nm,1.1s,mb5.5	Pmax	Pmax		
BILL	comp=Z,99nm,0.8s,mb5.5	Pmax	Pmax		
BILL	Stephens Creek	50.77 184	eP	P	00 51 57.4 +2.4
STKA	comp=Z,5.0nm,0.5s,mb4.4	eP	P	00 51 20.9 -1.7	
STKA	Stephens Creek	50.77 184	P	P	00 51 20.7 -1.9
STKA	comp=Z,7.6nm,0.6s,mb4.5,baz=2.9,slow=8.2,SNR=20	S	S	00 58 23.4 -3.7	
STKA	comp=Z,2.5nm,0.9s,baz=136,slow=17,SNR=31	LR	LR	01 12 53.2	
STKA	comp=Z,134nm,20.0s,baz=291,slow=36	LR	LR	00 51 34.7 +0.5	
FORT	Forrest	52.33 199	eP	P	00 51 41.7 -0.8
FORT	comp=Z,27nm,0.7s,mb5.0	P	P	00 51 41.7 -0.8	
TIXI	Tiksi	53.52 353	eP	P	00 51 41.6 -0.9
TIXI	comp=Z,26nm,0.8s,mb5.0	Pmax	Pmax		
TIXI	Tiksi	53.52 353	eP	P	00 51 47.0 +0.4
WMQ	Urumqi	54.02 311	P	P	00 53 52.0 +2.6
WMQ	comp=Z,19nm,0.4s,mb4.8	PP	PP	00 59 11.0 -0.3	
WMQ	comp=Z,19nm,0.4s,mb4.8	S	S	01 01 20.0 -1.3	
WMQ	comp=Z,34nm,1.0s,mb5.0	SS	SS	01 02 54.0 -0.6	
WMQ	comp=Z,85nm,5.0s	AMB	AMB		
WMQ	comp=N,144nm,14.0s	LR	LR		
WMQ	comp=E,89nm,14.0s	LR	LR		
WMQ	comp=Z,75nm,13.0s	LR	LR		
SDPT	Sand Point	54.24 35	eP	P	00 51 46.6 -1.3
SDPT	comp=Z,134nm,0.8s,mb5.7	P	P	00 51 54.0 +1.7	
JIRN	Jiri	54.78 291	eP	P	00 51 55.8 +1.6
GUN	Gumba	55.04 291	eP	P	00 51 55.3 +0.6
GUN	comp=Z,7.8nm,0.4s,mb4.8	P	P	00 51 57.0 +0.6	
POHA	Pohakuloa	55.79 79	eP	P	00 51 58.0 +0.6
PKI	Pulchoki	55.48 291	eP	P	00 51 57.0 +0.6
PKI	comp=Z,14nm,0.7s,mb4.8	P	P	00 51 58.0 +0.6	
TNA	Tin City	55.53 21	eP	P	00 51 59.1 +1.1
KKN	Kakani	55.58 291	eP	P	00 51 56.6 -1.4
KKN	comp=Z,47nm,0.9s,mb5.3	P	P	00 51 59.9 +0.7	
CHGN	Chignik	55.65 34	eP	P	00 52 03.2 +1.3
DMN	Daman	55.75 291	eP	P	00 52 03.2 +1.3
GKN	Gorkha	56.13 291	eP	P	00 52 01.8 -1.0
GKN	comp=Z,5.9nm,0.3s,mb4.9	P	P	00 52 01.8 -1.0	
TOO	Toolangi	56.30 180	eP	P	00 52 01.8 -1.0
TOO	comp=Z,87nm,1.1s,mb5.5	Pmax	Pmax		
TOO	Toolangi	56.30 180	eP	P	00 52 07.9 +0.7
DANN	Dangsing	56.87 292	eP	P	00 52 07.9 +0.7
DANN	comp=Z,29nm,0.5s,mb5.3	P	P	00 52 07.8 0.0	
KLBR	Kellerberrin	56.99 208	eP	P	00 52 08.9 +0.3
KOLN	Koldanda	57.06 291	eP	P	00 52 11.5 -1.0
ZAL0	Zalesovo Array	57.69 322	eP	P	00 52 11.5 -1.0
ZAL0	comp=Z,11nm,0.6s,mb4.9,baz=104,slow=7.2,SNR=50	P	P	00 52 46.1 -0.6	
ZALV	Zalvo	57.70 322	P	P	00 53 02.9 -0.9
ZALV	comp=Z,9.2nm,0.8s,baz=95,slow=6.7,SNR=3.9	P	P	00 56 47.2 -2.9	
ZALV	comp=Z,7.1nm,0.7s,baz=113,slow=5.9,SNR=4.5	P	P	00 52 11.5 -1.0	
ZALV	comp=Z,0.7nm,0.5s,baz=104,slow=6.1,SNR=3.3	LR	LR	01 16 29.9	
ZAL	Zalesovo	57.70 322	P	P	00 52 11.5 -1.0
ZAL	comp=Z,48nm,20.6s,baz=117,slow=35	P	P	00 52 15.5 +0.4	
MUN	Mundaring	58.03 209	eP	P	00 52 16.2 +0.2
MK31	Makanchi Array	58.16 314	eP	P	00 52 51.2 +1.0
MK31	comp=Z,14nm,1.2s,mb4.7	P	P	00 52 51.2 +1.0	

MK31	Makanchi Array	58.16 314	eP	P	00 53 05.7 -0.1
MKAR	Makanchi Array	58.16 314	P	P	00 52 15.7 -0.2
MKAR	Makanchi Array	58.16 314	P	P	00 52 15.7 -0.2
MKAR	comp=Z,4.5nm,0.5s,mb4.5,baz=89,slow=8.2,SNR=44	P	P	00 53 05.5 -0.4	
MKAR	comp=Z,6.2nm,0.7s,baz=79,slow=3.6,SNR=6.8	LR	LR	01 17 00.7	
MKAR	comp=Z,7.3nm,19.7s,baz=353,slow=36	LR	LR	00 52 17.2 -0.1	
NWAO	Narrogin (SRO)	58.36 208	eP	P	00 52 17.2 -0.2
NWAO	comp=Z,10.0nm,0.8s	eP	P	00 52 18.7 +0.2	
NWAO	comp=Z,10.0nm,0.8s,mb4.7	eP	P	00 52 18.3 -1.8	
NVNS	Novosibirsk	58.78 323	eP	P	00 52 56.5 +2.1
NVNS	comp=E,9.0nm,1.2s	Pmax	Pmax		
NVNS	comp=Z,14nm,1.2s,mb4.7	Pmax	Pmax		
HUM6	Hull Mountain	58.99 27	eP	P	00 52 21.3 +0.2
TTA	Tatiana	58.99 27	eP	P	00 52 21.3 0.0
TTA	Tatiana	58.99 27	eP	P	00 52 21.0 -1.3
KDKA	Kodiak Island	59.12 33	eP	P	00 52 21.9 -0.5
KDKA	Kodiak Island	59.12 33	eP	P	00 52 33.4 -1.3
SLKM	Skliak Lake	60.94 31	eP	P	00 53 16.1
KURK	Kurchatov	60.96 318	eP	P	00 52 34.8 -0.2
KURK	comp=Z,2.7nm,0.5s,mb4.3,SNR=12	P	P	00 52 34.5 -0.5	
KURK	Kurchatov	60.96 318	eP	P	00 52 33.7 -1.3
KURK	Kurchatov	60.96 318	eP	P	00 52 35.0 0.0
IMA2	Indian Moutai	61.00 24	eP	P	00 53 11.0 -3.5
DDI	Dehra Dun	61.62 295	eP	P	00 52 39.2 0.4
TAU	Tasmania Unive	61.66 179	eP	P	00 52 38.7 -1.1
PMR	Palmer	61.70 30	eP	P	00 52 38.7 -1.1
PMR	comp=Z,104nm,1.1s,mb5.6	Pmax	Pmax		
PMR	comp=Z,100nm,22.0s	MLR	MLR		
PMR	Palmer	61.70 30	eP	P	00 52 38.7 -1.1
PMR	comp=Z,104nm,1.1s,mb5.6	LR	LR		
PMR	comp=Z,100nm,22.0s	LR	LR		
SML	Sawmill	62.12 29	eP	P	00 52 42.1 -0.5
MCK	McKinley	62.28 27	eP	P	00 52 42.5 -1.1
MID	Middleton Isla	62.65 32	eP	P	00 52 46.5 +0.5
TKM2	Tokmak 2	62.77 309	eP	P	00 52 47.6 +0.4
TKM2	comp=Z,6.0nm,0.9s,mb4.4	e	P	00 53 18.4 -3.6	
TKM2	Tokmak 2	62.77 309	eP	P	00 52 47.5 +0.3
TKM2	comp=Z,6.2nm,0.9s,mb4.4	e	P	00 53 18.4 -3.6	
COLA	College	63.00 26	eP	P	00 52 47.6 -0.8
COLA	College	63.00 26	eP	P	00 52 47.5 -0.9
DIV	Divide	63.20 30	eP	P	00 52 49.8 +0.1
UCH	Uchtor	63.59 308	eP	P	00 52 53.7 +1.0
UCH	comp=Z,11nm,0.9s,mb4.7	eP	P	00 53 28.6 +0.8	
AML	Almayashu	64.20 308	eP	P	00 52 54.8 -1.9
AML	comp=Z,12nm,0.9s,mb4.7	P	P	00 53 34.0 +2.4	
URZ	Urewera	64.22 153	eP	P	00 52 54.3 -2.3
URZ	comp=Z,11nm,0.5s,mb4.3,baz=307,slow=3.5,SNR=13	P	P	00 53 06.0 -0.6	
Eagle	Eagle	65.80 27	eP	P	00 53 08.7 -0.4
BVAR	Borovoye Array	66.16 320	eP	P	00 53 09.3 -0.2
BRVK	Borovoye	66.22 320	eP	P	00 53 09.1 -0.4
BRVK	comp=Z,10nm,0.7s,mb5.8,SNR=11	P	P	00 53 11.0 0.0	
BRVK	Borovoye	66.22 320	eP	P	00 53 12.3 -1.2
DAWY	Dawson	66.49 28	eP	P	00 53 46.5 -6.6
RAR	Rarotonga	66.77 124	P	P	00 53 22.3 +0.1
POO	Poona	67.45 283	eP	P	00 53 22.5 0.0
SKAG	Skagway	68.26 35	eP	P	00 53 22.5 0.0
SIT	Sitka	68.31 35	eP	P	00 53 22.5 0.0
SIT	comp=Z,71nm,1.1s,mb5.3	Pmax	Pmax		
SIT	Sitka	68.31 35	eP	P	00 53 26.7 -0.5
INK	Inuvik	69.10 23	eP	P	00 53 26.8 -0.5
INK	comp=Z,124nm,0.8s,mb5.7,baz=276,slow=6.2,SNR=504	P	P	00 53 30.7 +0.1	
CRAIG	Craig	69.62 37	eP	P	00 53 30.7 +0.1
CRAIG	comp=Z,38nm,0.8s,mb5.2	LR	LR		
CRAIG	comp=Z,100nm,18.0s	LR	LR		
WRAK	Wrangell Islan	69.98 36	eP	P	00 53 33.1 +0.2
DIB	Dawson Inlet	70.18 39	T	T	02 11 11.5
DIB	SNR=3.8				
DLBC	Dease Lake	71.06 34	eP	P	00 53 40.1 +0.7
SVE	Sverdlovsk	71.55 325	eP	P	00 53 41.9 -0.4
SVE	comp=Z,38nm,0.8s,mb5.2	ePPP	Pmax	00 58 09.4	
SVE	comp=Z,19nm,1.1s,mb4.7	Pmax	Pmax		
ARU	Arti	72.74 324	eP	P	00 53 48.8 -0.6
ARU	comp=Z,22nm,1.2s,mb4.8	Pmax	Pmax		
PPT	Papeete	73.14 116	P	P	00 53 52.6 -1.0
PPT	comp=Z,25nm,0.3s,mb5.4,baz=167,slow=10,SNR=4.3	LR	LR	01 20 55.8	
PPT	comp=Z,116nm,20.7s,baz=291,slow=31	LR	LR		
AKTO	Aktubinsk	74.06 318	P	P	00 53 56.0 -1.2
AKTO	Aktubinsk	74.06 318	P	P	00 53 56.0 -1.2
C03A	Quivute Air	76.00 44	P	P	00 54 09.5 +1.1
PGC	Sidney	76.56 43	eP	P	00 54 11.9 +0.3
NLWA	Neilton Lookou	76.58 44	eP	P	00 54 12.6 +0.9
NLWA	Neilton Lookou	76.58 44	eP	P	00 54 12.6 +0.8
B04A	Port Angeles	76.67 44	eP	P	00 54 13.0 +0.7
D03A	Wishkah Elem.	76.71 45	eP	P	00 54 13.5 +1.0
D03A	comp=Z,8.8nm,0.5s,mb4.3,SNR=15	P	P	00 54 14.5 +0.5	
E03A	Lebam	76.99 45	eP	P	00 54 14.7 +0.5
A04A	Legoe Bay, Lum	77.03 43	eP	P	00 54 15.4 +0.8
A04A	comp=Z,77,SNR=26	P	P	00 54 15.4 +0.8	
F03A	Seaside	77.10 46	eP	P	00 54 15.4 +0.5
H02A	Toledo	77.14 47	eP	P	00 54 15.7 +0.7
GNW	Green Mountain	77.23 44			





CSEM 11 03:14:38.8,0.3,3795N,3090E,h20km,MD2.8, Error ellipse: s-maj=8.0km s-min=5.2km az=137.0  
 ISK 11 03:14:38.8,3796N,3099E,h14km,MD2.8  
 ISCJB 11 03:14:39.1,0.7,3800N,004,3098E,0.06,h9km,12km, Error ellipse: s-maj=7.9km s-min=6.0km az=155.4  
 DDA 11 03:14:39.4,3791N,3098E,h6km,4km,MD3.0  
 ISC 11 03:14:39.0,0.7,3796N,004,3102E,0.06,h10km,11km, n11,0963/18,Turkey

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
ISP	Isparta	0.42	254	Op	ISC	03 14 46.4	-0.9
TKPT	Teketepe	0.56	278	iP	Pg	03 14 53.1	+0.2
TKIP	Teketepe	0.56	278	iP	Pg	03 14 48.8	-1.1
TKIP	Teketepe	0.56	278	iP	Pg	03 14 57.5	+0.2
BCK	Bucak	0.61	215	iS	Sg	03 14 50.4	-0.4
BCK	Bucak	0.61	215	iS	Sg	03 15 00.1	+1.4
SHUT	Suhut-Afyon	0.70	328	eP	Pg	03 14 53.0	+0.5
KDHN	Kadinahni	1.03	57	iP	Pg	03 14 59.2	+0.4
KDHN	Kadinahni	1.03	57	iP	Pg	03 15 01.7	+4.6
KONT	Konya-Tatoy	1.06	91	ePN	Pn	03 15 00.1	+0.2
KIZT	Kizilirmak	1.14	36	ePN	Pn	03 15 01.0	-0.1
ESKT	Eskisehir	1.56	355	iP	Pn	03 15 07.1	+0.2
ESKT	Eskisehir	1.56	355	iP	Pn	03 15 29.4	+0.2
ESKT	Eskisehir	1.56	355	iP	Pn	03 15 06.7	-0.2
SEVT	Seyit	1.56	355	iP	Pn	03 15 07.1	+0.2
ERMK	Ermenek	2.00	131	iS	Sg	03 15 16.7	-0.7
ERMK	Ermenek	2.00	131	iS	Sg	03 15 48.6	+5.2

IDC 11 03:38:37.6,2.2,3395N,8216E,h0km,mb3.5/7,mb1 3.7/8, mb1mx3.5/24,mbimp3.7/8,ML3.8/1, Error ellipse: s-maj=45.3km s-min=29.7km az=150.0  
 ISCJB 11 03:38:38.6,1.6,3411N,02,822E,0.2,h10km,mb3.5/5, Error ellipse: s-maj=24.9km s-min=20.0km az=0.9  
 NEIC 11 03:38:39.0,1.1,3394N,8219E,h10km,mb4.1/1, Error ellipse: s-maj=19.3km s-min=16.1km az=179.0  
 ISC 11 03:38:39.2,1.6,3400N,02,822E,0.2,h10km,n13,0961/13, mb3.5/5,Kizang

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
UCH	Uchtor	10.24	326	ePN	Pn	03 41 06.1	0.0
TKM2	Tokmak 2	10.34	332	ePN	Pn	03 41 08.7	+1.1
MKAR	Makanchi Array	12.83	0	Pn	Pn	03 41 40.4	-1.2
ZALV	Zalesovo Beam	20.08	5	P	P	03 43 13.6	+1.1
BVAR	Borovoye Array	20.86	34	P	P	03 43 20.2	-0.8
BRVK	Borovoye	20.91	340	P	P	03 43 21.6	0.0
SONM	Songino Array	22.84	45	P	P	03 43 42.4	+0.1
AKTK	Aktyubinsk	24.18	320	P	P	03 43 55.4	0.0
AKTO	Aktyubinsk	24.18	320	P	P	03 43 55.4	0.0
FINES	FINES Array B	44.76	325	P	P	03 46 52.2	-0.2
TORD	Tordi Ar. Bea	74.97	276	P	P	03 50 20.9	-0.2
APYF	APYF	1.11	62	eS	Sb	03 51 04.1	+0.2
YKA	Yellowknife Ar	82.95	8	P	P	03 51 04.1	+0.2
YKA	Yellowknife Ar	82.95	8	P	P	03 51 04.1	+0.2

MAN 11 03:55:30,1735N,12021E,h21km,mb3.7,ML2.5,MS2.0, Luzon

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
ABLA	Dolores	0.56	58	eP	Pb	03 55 42.4	+1.2
BOP	Bolinao	1.00	197	eP	Pb	03 55 48.7	0.0
APYF	Conner	1.11	62	eP	Sb	03 55 50.5	+0.2
APYF	Conner	1.11	62	eP	Sb	03 56 06.0	+1.5

IDC 11 04:04:34.7,1.7,4809N,15409E,h0km,mb3.6/4, mb1 3.9/5,mb1mx3.6/21,mbimp3.7/5,ML3.6/1,MS3.1/2, Ms1 3.1/2,ms1mx2.6/22, Error ellipse: s-maj=77.0km s-min=23.6km az=153.0  
 MOS 11 04:04:35.9,0.8,4774N,15427E,h25km,mb3.9/2, Error ellipse: s-maj=38.9km s-min=22.2km az=48.4  
 ISCJB 11 04:04:38.4,0.2,4791N,02,1541E,0.3,h41km,23km, mb3.6/4,MS3.0/2, Error ellipse: s-maj=51.3km s-min=10.2km az=137.9  
 ISC 11 04:04:40.6,2.6,4791N,02,1542E,0.3,h44km,21km,n11,0957/10,mb3.6/4,MS3.0/2,Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
SKR	Severo-Kuril's	3.04	24	ePN	Pn	04 05 26.0	-0.1
SKR	SKR			eS	Sn	04 06 01.2	-0.1
SKR	comp=Z,1.90nm,0.6s						
SKR	comp=N,80nm,0.4s						
SKR	comp=E,30nm,0.4s						
SKR	comp=E,170nm,0.5s						
SKR	comp=N,180nm,0.3s						
YSS	Yuzh-Sakhalins	7.79	267	ePN	Pn	04 06 32.3	+1.1
ASAJ	Asahikawa	8.90	249	PN	Pn	04 06 45.5	-0.9
ASAJ	Asahikawa	8.90	249	PN	Pn	04 06 45.5	-0.9
ASAJ	Asahikawa	8.90	249	PN	Pn	04 06 45.5	-0.9
KSRS	Korea Array	21.84	251	P	P	04 09 29.1	+0.1
JNU	Nakatsue	22.94	238	LR	LR	04 18 52.5	
ZALV	Zalesovo Beam	42.51	305	LR	LR	04 29 47.3	
YKA	Yellowknife Ar	49.56	38	P	P	04 13 26.9	+0.4
YKA	Yellowknife Ar	49.56	38	P	P	04 13 26.9	+0.4
YKA	Yellowknife Ar	49.56	38	P	P	04 13 26.9	+0.4
Lajitas	Lajitas Array	76.30	61	P	P	04 16 24.9	+0.3
GERES	GERES Array B	77.70	334	P	P	04 16 29.5	-0.7

ISCJB 11 04:06:07.8,0.3,3834N,002,7350E,0.03,h106km,4km, mb4.2/42, Error ellipse: s-maj=4.3km s-min=2.6km az=176.0  
 IDC 11 04:06:07.4,4.7,3826N,7331E,h85km,41km,mb3.9/13, mb1 4.1/17,mb1mx4.0/24,mbimp4.0/17,MS2.8/2, Ms1 2.9/2,ms1mx2.5/23, Error ellipse: s-maj=28.1km s-min=13.7km az=14.0  
 MOS 11 04:06:09.5,1.1,3848N,7338E,h113km,mb4.4/19, Error ellipse: s-maj=10.3km s-min=5.4km az=99.4  
 BUJ 11 04:06:09.5,3863N,7332E,h127km,mb4.5,mb4.5,mb4.5/17, Error ellipse: s-maj=7.4km s-min=6.7km az=149.0  
 NNC 11 04:06:16.9,2.4,3900N,7322E,h178km,19km,mb3.8, mpv4.9, Error ellipse: s-maj=21.8km s-min=10.3km az=179.0  
 ISC 11 04:06:09.3,0.3,3834N,002,7352E,0.03,h106km,3km, n166,01941/209,mb4.2/42,14C-10D,Tajikistan-Xinjiang border region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KSH	Kashi	2.24	58	Op	ISC	04 07 46.8	+2.2
KSH	Kashi			S	Sn	04 07 14.9	+2.2
KSH	Kashi			Smax			
KSH	comp=N,29um,1.0s						
KSH	comp=E,19um,0.5s						
AML	Almayashu	3.79	2	ePN	Pn	04 07 06.8	+1.1
AML	Almayashu	3.79	2	ePN	Pn	04 07 46.8	-2.5
AML	Almayashu	3.79	2	ePN	Pn	04 07 06.9	+1.2

UCH	Uchtor	3.96	11	ePN	Pn	04 07 09.5	+1.6
UCH	Uchtor	3.96	11	ePN	Pn	04 07 52.8	+0.8
UCH	Uchtor	3.96	11	ePN	Pn	04 07 09.8	+1.9
KZA	Kyzart	3.96	19	P	Pn	04 07 09.6	+1.6
EKS2	Erkin-Say	4.32	2	ePN	Pn	04 07 14.2	+1.4
EKS2	Erkin-Say	4.32	2	ePN	Pn	04 07 60.0	-2.2
EKS2	Erkin-Say	4.32	2	ePN	Pn	04 07 14.2	+1.3
AAK	Ala-Archa	4.35	9	P	Pn	04 07 15.0	+1.8
ULHL	Ulhal	4.42	27	P	Pn	04 07 15.9	+1.7
KBK	Karagaybulak	4.45	14	P	Pn	04 07 16.4	+1.9
FRU	Bishkek	4.57	10	ePN	Pn	04 07 18.0	+1.9
FRU	comp=Z,150nm,2.0s					04 08 08.0	0.0
FRU	comp=Z,150nm,2.0s						
CHCP	Chirah Chowk	4.67	183	iP	Pn	04 07 21.9	+4.2
CEP	Cheral	4.69	197	P	Pn	04 07 21.1	+3.2
CHMS	Chumchik	4.75	11	P	Pn	04 07 20.0	+1.4
TKM2	Tokmak 2	4.84	18	iP	Pn	04 07 21.3	+1.5
TKM2	Tokmak 2	4.84	18	iP	Pn	04 08 14.0	-0.7
TKM2	Tokmak 2	4.84	18	iP	Pn	04 07 21.2	+1.4
TKM2	Tokmak 2	4.84	18	iP	Pn	04 07 21.5	+1.7
USP	Uspenovka	4.98	8	P	Pn	04 07 22.9	+1.2
KBK	Kabul	5.24	225	ePN	Pn	04 07 27.9	+2.6
KBK	Kabul	5.24	225	ePN	Pn	04 08 25.0	+0.6
KK31	Karatay Array	5.28	335	iP	Pn	04 07 25.2	-0.5
KK31	Karatay Array	5.28	335	iP	Pn	04 08 19.8	-5.5
KK31	Karatay Array	5.28	335	iP	Pn	04 07 25.2	-0.6
KK31	Karatay Array	5.28	335	iP	Pn	04 07 25.2	-0.6
KKAR	Karatay Array	5.28	335	ePN	Pn	04 07 25.2	-0.6
THW	Thamme Wali	5.72	195	JM	Pn	04 07 34.3	+2.5
JMU	Jammu	5.72	198	eS	Sn	04 07 34.5	-3.7
DLH	Dalhousie	6.12	160	eP	Pn	04 07 37.0	-0.2
DLH	Dalhousie	6.12	160	eP	Pn	04 08 42.0	-3.8
THN	Thain Dam	6.16	162	eP	Pn	04 07 39.9	+2.2
THN	Thain Dam	6.16	162	eP	Pn	04 08 45.0	-1.8
SARG	Sargodha	6.44	186	eP	Pn	04 07 43.0	+1.0
DRP	Derazinda	7.12	203	iP	Pn	04 07 53.3	+2.5
SDNR	Sundarnagar	7.38	156	eP	Pn	04 07 53.5	-0.9
SDNR	Sundarnagar	7.38	156	eP	Pn	04 08 01.5	-6.1
SMLA	Simla	7.79	156	eP	Pn	04 09 10.5	+1.6
SMLA	Simla	7.79	156	eP	Pn	04 09 21.6	-4.9
Kalpa	Kalpa	7.82	149	eP	Pn	04 08 01.3	+1.0
Kalpa	Kalpa	7.82	149	eP	Pn	04 08 03.1	
KLP	KLP			eS	Sn	04 09 24.1	-3.0
DDI	Dehra Dun	8.83	154	eS	Sn	04 08 14.6	+0.5
DDI	Dehra Dun	8.83	154	eS	Sn	04 09 52.6	+0.9
JOSI	Joshimath	9.22	146	eP	Pn	04 08 19.5	+0.2
JOSI	Joshimath	9.22	146	eP	Pn	04 09 55.6	-5.7
NDI	New Delhi	10.11	161	eP	Pn	04 08 32.2	+0.8
NDI	New Delhi	10.11	161	eP	Pn	04 10 17.2	-5.6
PTH	Pithoragarh	10.38	146	eS	Sn	04 08 34.0	-1.0
PTH	Pithoragarh	10.38	146	eS	Sn	04 10 23.0	-6.3
KHET	Khetri	10.41	169	eP	Pn	04 08 34.2	-1.3
KHET	Khetri	10.41	169	eP	Pn	04 08 37.4	
KHET	Khetri	10.41	169	eP	Pn	04 10 21.7	-8.5
KHET	Khetri	10.41	169	eP	Pn	04 10 24.4	-5.9
KUDL	Kundali	10.46	165	eP	Pn	04 08 36.0	-0.3
KUDL	Kundali	10.46	165	eP	Pn	04 10 25.4	-6.1
MK31	Makanchi Array	10.63	35	P	Pn	04 08 39.0	+0.7
MK31	Makanchi Array	10.63	35	P	Pn	04 08 39.0	+0.7
MK31	Makanchi Array	10.63	35	P	Pn	04 08 39.0	+0.7



Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MLR Muntele Rosu, BURAR Bucovina Array, FIA1 FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, SIV San Ignacio, PLCA Paso Flores, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PYZ Puysegur Point, APZ The Paps, DCZ Deep Cove, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like JCY Jackson Bay, ODZ Otahua Downs, LBZ Lake Benmore, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like THKV Tehran-Karaj, IMHD Mahdasht, IMHD Mehrz, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like BOOSS BTHS, ASF Jabal al Asfar, AKTK Aktyubinsk, etc.

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

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

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



Table with columns: Station Name, Time, Res, P, MNTX, Geres, etc. Includes stations like Storozhevoye, Columbia Colle, Bassoo Peak, etc.

Table with columns: Station Name, Time, Res, P, MNTX, Geres, etc. Includes stations like Cornudas Mount, Geres Array B, Lajas Array, etc.

NEIC 11 05:56:01.4, 3446S:7209W, h33km, ML3.0(GUC), After GUC.

GUC 11 05:56:01.4-0.6, 3446S:7209W, h33km±2km, MD3.7, ML3.0, 7C-8D, Near coast of central Chile

Table with columns: Code, Station Name, Time, Res, P, MNTX, Geres, etc. Includes stations like Longovio, Los Niches, San Fernando, etc.

ISCJB 11 06:00:06.7±0.7, 1024N:005:8630W±0.04, h10km, mb4.1/12, Error ellipse: s-maj=8.9km s-min=4.1km az=35.4

CASC 11 06:00:07.7±1.8, 1030N:8623W, h3km±7km, MD4.0, ML3.7, mb4.3(NEIC)

IDC 11 06:00:10.5±1.0, 1139N:8557W, h0km, mb4.0/6, mb1 4.2/6, mb1 mnx3.9/20, mbtmp4.0/6, MS3-4/2, Ms 1.3/4.2, ms 1 mnx2.7/2.7, Error ellipse: s-maj=53.7km s-min=20.8km az=66.0

NEIC 11 06:00:19.2±2.2, 1116N:8575W, h79km±19km, mb4.3/6, Error ellipse: s-maj=33.1km s-min=17.1km az=58.0

ISC 11 06:00:06.3±1.3, 1026N:005:8629W±0.05, h2km±7km, n49, ±103/48, mb4.1/12, 9C-3D, Off coast of Costa Rica

Table with columns: Code, Station Name, Time, Res, P, MNTX, Geres, etc. Includes stations like Vista de Mar, Dos Rios de Up, San Juan del S, etc.

Table with columns: Station Name, Time, Res, P, MNTX, Geres, etc. Includes stations like Lajas Array, University of, MIA, etc.

ISCJB 11 06:17:14.8±1.4, 2309N:007:1428E±0.2, h116km±12km, mb4.0/14, Error ellipse: s-maj=25.8km s-min=11.7km az=178.5

NEIC 11 06:17:15.2±2.6, 2302N:1428E, h108km±24km, mb4.5/1, Error ellipse: s-maj=19.9km s-min=9.5km az=90.0

IDC 11 06:17:16.5±2.2, 2303N:1428E, h111km±18km, mb3.8/13, mb1 3.9/16, mb1 mnx3.8/23, mbtmp3.8/16, Error ellipse: s-maj=21.8km s-min=12.3km az=87.0

ISC 11 06:17:13.4±1.4, 2301N:007:1429E±0.2, h86km±14km, n37, ±192/40, mb4.0/14, Volcano Islands region

Table with columns: Code, Station Name, Time, Res, P, MNTX, Geres, etc. Includes stations like Haha-jima-NKT, Chichi jima, etc.

ISCJB 11 06:42:14.2±0.4, 1070N:003:6243W±0.02, h107km±5km, Error ellipse: s-maj=4.8km s-min=3.7km az=151.5

FUNV 11 06:42:15.6, 1077N:6231W, h98km, MW3.7 TRN 11 06:42:17.1, 1074N:6235W, h97km, MD3.4 (TRN), After TRN.

ISC 11 06:42:15.3±0.5, 1070N:003:6242W±0.02, h100km±5km, n41, ±059/67, 11C-3D, Near coast of Venezuela

Table with columns: Code, Station Name, Time, Res, P, MNTX, Geres, etc. Includes stations like Guiria, Chacachacare, Guanoco, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BIRV, TMO PEDROTE, MERV, EL Llanito, etc.

IDC 11 06:51:58.9.4.5, 591S:15292E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.7/14, mbtmp3.7/5, Error ellipse: s-maj=128.4km s-min=27.1km az=109.0, New Britain region

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

BUJ 11 07:17:55.0, 3946N:7748E, h14km, ML3.0, 4C, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KSH, TKM2, KK31, KK31.

ISCJB 11 07:21:42.6.1.0, 1108S:008:7437W, h0km, mb3.4/8, Error ellipse: s-maj=17.9km s-min=8.7km az=135.1

NEIC 11 07:21:43.9.1.2, 1112S:7435W, h106km, mb3.6/6, Error ellipse: s-maj=19.8km s-min=11.3km az=213.0

IDC 11 07:21:44.2.1.7, 1115S:7440W, h108km, mb3.3/6, mb1 3.4/10, mb1mx3.3/24, mbtmp3.3/10, Error ellipse: s-maj=19.2km s-min=13.6km az=52.0

ISC 11 07:21:43.9.0.8, 1111S:008:7437W, h0km, mb3.4/5, Central Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNA, ATAH, ARE, LPAZ, SIV, ROSV, CFAA, TXAR, ULM, YKA.

IDC 11 07:30:22.4.3.0, 3323S:17901W, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.7/14, mbtmp3.7/3, ML3.5, 1, Error ellipse: s-maj=69.1km s-min=45.7km az=118.0, South of Kermadec Islands

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

ISCJB 11 07:41:28.3.1.1, 69S:02:1253E, h0km, mb3.9/3, Error ellipse: s-maj=45.6km s-min=14.2km az=140.3

NEIC 11 07:41:29.2.0.9, 694S:12533E, h552km, mb3.9/3, Error ellipse: s-maj=34.1km s-min=10.6km az=50.0

IDC 11 07:41:29.3.2.3, 701S:125.12E, h548km, mb3.4/3, mb1 3.4/8, mb1mx3.2/18, mbtmp3.3/8, Error ellipse: s-maj=83.6km s-min=14.4km az=57.0

ISC 11 07:41:29.1.1.1, 70S:02:1253E, h544km, mb3.6/16, n13, 0:082/13, mb3.9/3, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BATI, KAPI, KAKA, FITZ, WRA, WB2, ASAR, STKA.

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

ISCJB 11 07:46:23.4.4.7, 30S:01:1392E, h0km, mb3.7/2, Error ellipse: s-maj=74.2km s-min=21.6km az=1.6

IDC 11 07:46:23.5.3.5, 297S:1390E, h0km, mb3.7/2, mb1 3.9/4, mb1mx3.7/12, mbtmp3.7/4, ML3.7/2, Error ellipse: s-maj=116.5km s-min=27.2km az=91.0

ISC 11 07:46:31.4.3.9, 31S:01:1390E, h50km, mb3.7/2, n7, 0:112/8, mb3.7/2, Irian Jaya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAKA, WB2, WRA, FITZ, ASAR, MKRAC.

IDC 11 07:52:03.2.1.1, 611S:15455E, h0km, mb3.9/6, mb1 4.1/6, mb1mx3.9/14, mbtmp3.9/6, MS3.3/2, Ms1 3.3/2, ms1mx2.9/21, Error ellipse: s-maj=59.4km s-min=24.0km az=135.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR, WRA, ASAR, STKA, FITZ, SONM, NVAR, YKA, TORD.

MAN 11 07:53:13, 908N:12253E, h30km, mb4.1, ML2.9, MS2.6, 2D, Negros

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SNPH, DCPH, TBP, PAGZ, GUJM, CUYO, ENPP.

ISCJB 11 07:54:02.4.0.6, 313S:02:587E, h0km, mb4.2/9, MS4.0/19, Error ellipse: s-maj=26.3km s-min=16.0km az=13.7

IDC 11 07:54:02.7.0.7, 3126S:5871E, h0km, mb4.2/8, mb1 4.3/8, mb1mx4.0/25, mbtmp4.2/8, MS3.9/19, Ms1 3.9/19, ms1mx3.8/34, Error ellipse: s-maj=31.3km s-min=18.5km az=17.0

NEIC 11 07:54:04.0.4.0, 3125S:5867E, h10km, mb4.4/1, Error ellipse: s-maj=19.5km s-min=12.7km az=194.0

ISC 11 07:54:04.0.6.1, 312S:02:587E, h0km, n34, 0:086/12, mb4.1/9, MS4.0/19, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BOSA, KWBO, MAMW, TSUM, PSI, QSPA, EIL, ASAR, MMAI, WRA, STKA, STKA, STKA, TORD, TORD, TORD, DBIC, CHARTERS, KEST, KURK, BVAR, ZALV, SONM, KRSR, PLCA, FINES.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CPUP, NOA, DAWY, KODAK, FCC, YKA, ULM, TXAR.

IDC 11 08:06:42.5.0.8, 3421N:8184E, h0km, mb3.9/9, mb1 4.0/11, mb1mx3.9/24, mbtmp3.9/11, ML3.7/2, MS2.7/1, Ms1 2.7/1, ms1mx2.4/34, Error ellipse: s-maj=29.4km s-min=17.5km az=55.0

NEIC 11 08:06:44.8.1.0, 3425N:8191E, h10km, mb4.2/2, Error ellipse: s-maj=21.8km s-min=12.1km az=47.0

ISCJB 11 08:06:45.5.3.4, 81E:01.1, h30km, mb3.8/9, Error ellipse: s-maj=26.5km s-min=12.2km az=39.8

BUJ 11 08:06:45.1, 3436N:8227E, h10km, mb4.7, ML3.3, Ms3.8, Ms2.5

ISC 11 08:06:49.6.2.1, 343N:01:819E, h49km, mb3.9/19, n19, 0:078/17, mb3.8/9, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SDNR, DLH, UCH, WMQ, MKRAC, ZALV, KMI, BVAR, BRVK, CHTO, SONM, AKTK, AKTK, AKTK, NOA, WRA, TORD, ASAR, YKA.

IDC 11 08:11:52.8.0.9, 2995S:17888W, h216km, mb3.4/4, mb1 3.7/4, mb1mx3.5/12, mbtmp3.4/4, Error ellipse: s-maj=44.3km s-min=19.4km az=164.0, Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO, STKA, ASAR, WRA, NVAR, FINES, NB2, NOA, AKASA, TORD.

IDC 11 08:21:12.5.1.0, 3426N:8173E, h0km, mb3.7/7, mb1 3.9/8, mb1mx3.6/23, mbtmp3.8/8, ML3.9/1, MS3.7/1, Ms1 3.7/1, ms1mx2.3/31, Error ellipse: s-maj=43.0km s-min=19.9km az=54.0

NEIC 11 08:21:13.7.1.1, 3420N:8203E, h10km, mb3.9/2, Error ellipse: s-maj=18.3km s-min=14.9km az=93.0

ISCJB 11 08:21:16.3.2.9, 343N:01:819E, h35km, mb3.6/6, Error ellipse: s-maj=22.3km s-min=19.7km az=42.2

ISC 11 08:21:20.0.2.0, 344N:01:819E, h53km, mb3.6/17, n17, 0:076/17, mb3.6/6, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like UCH, TKM2, KBL, MK31, MKRAC, KURK, BVAR, AKTK, FINES, WRA, TORD, ASAR, YKA.

IDC 11 08:22:31.0.6.0, 2202S:17008E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.8/12, mbtmp3.7/5, MS3.7/1, Ms1 3.7/1, ms1mx2.8/17, Error ellipse: s-maj=155.1km s-min=38.8km



















11d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SGO Sicignano, PVV Herceg Novi, BRY Vitosh, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like SJG San Juan, SDV Santo Domingo, BJT Banjaregara, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like PLCA Paso Flores, PLCA Paso Flores, BJT Banjaregara, etc.





Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, Res. Includes stations like EGAK Eagle, DIV Divide, SLKM Skilak Lake, etc.

CRAAG 11 20:36:10.8, 3609N-272E, M3.6, Error ellipse: s-maj=3.6km s-min=2.7km az=34.0

NEIC 11 20:36:12.8, 3615N-272E, h0km, MCG3.9(MDD), After MDD

ISCJB 11 20:36:13.2, 0.6, 3621N-005.274E, 0.05, h27km, 9km, Error ellipse: s-maj=9.0km s-min=6.5km az=144.5

MDD 11 20:36:13.6, 0.7, 3612N-274E, h8km, 8km, mb3.9/5, Error ellipse: s-maj=8.2km s-min=6.4km az=174.0, PRXIMO

ISC 11 20:36:13.2, 0.8, 3617N-005.275E, 0.06, h17km, 8km, n31, a090/48, Northern Algeria

Main table of station data for the 11d 20h period, including codes like EMHD, ADJB, ABA, AKET, etc., and their respective coordinates and phases.

BGS 11 20:41:58.1, 2.1, 3804N-5456E, h33km, mb5.0, IDC 11 20:42:19.3, 0.7, 4052N-5202E, h0km, mb4.1/1.7

MOS 11 20:42:23.4, 0.9, 4078N-5202E, h35km, mb4.6/3.4, Error ellipse: s-maj=7.5km s-min=4.9km az=128.2

ISCJB 11 20:42:24.6, 0.5, 4097N-004.5206E, 0.02, h38km, 5km, mb4.4/5.9, MS3.1/1.1, Error ellipse: s-maj=6.2km s-min=3.0km az=170.4

NEIC 11 20:42:25.3, 0.8, 4072N-5205E, h37km, 7km, mb4.4/3.1, Error ellipse: s-maj=9.5km s-min=3.6km az=175.0

CSEM 11 20:42:25.0, 0.1, 4055N-5213E, h58km, 1km, mb4.4/3, ML4.2/5, Ms2.9, Error ellipse: s-maj=2.2km s-min=1.7km az=154.0

NNC 11 20:42:30.5, 2.8, 4110N-5337E, h0km, mb4.1, Error ellipse: s-maj=24.5km s-min=20.5km az=173.0

ISC 11 20:42:26.1, 0.5, 4086N-004.5209E, 0.03, h40km, 2.9km, pP-P, n237, a098/279, mb4.4/5.9, MS3.1/1.1, 15C-12D, Turkmenistan

Table of station data for the 11d 20h period, including codes like GALA, NDR, GOBA, SIZA, etc., and their respective coordinates and phases.

Main table of station data for the 2007 MAY period, including codes like MAK, MTA, DELISI, GARNI, etc., and their respective coordinates and phases.

Main table of station data for the 2007 MAY period, including codes like TKM2, AKASG, AKASG, etc., and their respective coordinates and phases.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like PGF Pioggiola, NAO01 NORSAR Array S, CDF Champ du Feu, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SGFM Saint Gilles, ULN Ulaanbaatar, EAB Aberfoyle, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like XOR Xorichti, EZN Ezine, PLG Polygyros, etc.

NIED 11 21:37:00,4630N:15370E,h11km,Mw4.7 Best double couple: Mo:1.38000x10^16 NP1:az=234,00000, delta=0.00000, lambda=1.39,00000...

ISCJB 11 21:37:43.0,0.1,4632N:003:15328E:0.02,h10km, Mw5.1/238,MS4.5/58, Error ellipse: s-maj=3.7km s-min=1.7km az=163.5

SKHL 11 21:37:43.9,1.9,4627N:15363E,h64km,26km,mb5.7/5, mbh5.5/4,Ms5.1/6,msh5.9/2

JMA 11 21:37:43.8,0.9,4632N:15368E,h30km,M5.4 NCEC 11 21:37:43.7,0.3,4630N:15346E,h17km,1km,MW4.9/70, Moment Tensor Solution: s=5.53, s70:c112. Duration: 0.13s. Principal axes: T 3.2280, Plg69.0000, Azm266.0000; N -0.0340, Plg13.0000, Azm34.0000; P -3.2040, Plg16.0000, Azm128.0000; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 11 21:37:47.3,0.9,4655N:15314E,h31km,mb5.4/106, MS4.7/36 Error ellipse: s-maj=7.5km s-min=3.8km az=105.8

SZGRF 11 21:37:49.0,4624N:15328E,h33km,mb5.4,MS4.5,Kuril Islands, Russia

ISC 11 21:37:45.8,0.1,4639N:002:15320E,h15km, h15km1.8,km:pp-P,n984,o089/1006,mb5.1/238,MS4.5/58, 248C-89D,Kuril Islands

Table with columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like KUR Kuril'sk, SKR Severo-Kuril's, etc.

MEX 11 20:43:10.4,0.6,1716N:10043W,h20km,271km,MD3.8, Guerrero

Table with columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like ACX Acapulco, ZIG Zihuatanejo, etc.

ATH 11 20:44:36.7,3952N:2494E,h11km,4km,MD3.5/8 NEIC 11 20:44:36.7,3952N:2494E,h11km,MD3.5(ATH), MD3.2(SK), After ATH

ISCJB 11 20:44:38.7,0.5,3959N:002:2474E:0.03,h5km,4km, Error ellipse: s-maj=4.4km s-min=3.1km az=152.8 CSEM 11 20:44:39.3,0.1,3953N:2477E,h5km,ML3.5, Error ellipse: s-maj=2.3km s-min=1.6km az=135.0

SOF 11 20:44:40.1,3976N:2488E,h9km,MD2.9 THE 11 20:44:40.0,3958N:2480E,h13km,ML3.5 ISK 11 20:44:44.5,3978N:2497E,h5km,MD3.6

Table with columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like LOS Limnos, AOS Alonnissos, PAIG Paliouri, etc.

JAK	Akkeshi	6.94 244	P	Pn	21 39 26.7	-0.2
JAK			eS	Sn	21 40 42.4	-3.2
JTKR	Abashiri-Toko	7.00 253	P	Pn	21 39 30.1	+2.5
YSS	Yuzh-Sakhalins	7.21 278	ePN	Pn	21 39 35.4	+4.9
YSS			eS	Sn	21 40 57.6	+5.5
YSS	comp=N,110nm,1.0s			pmax		
YSS	comp=E,250nm,1.0s			pmax	pmax	
YSS	comp=Z,220nm,1.0s			MLR	MLR	
YSS	comp=N,1µm,14.0s			MLR	MLR	
YSS	comp=E,3µm,16.0s			MLR	MLR	
YSS	comp=Z,3µm,16.0s	7.21 278	ePN	Pn	21 39 35.3	+4.7
YSS	Yuzh-Sakhalins	7.21 278	eP	Pn	21 39 35.4	+4.9
YSS	Yuzh-Sakhalins		eP	Pn	21 39 32.0	
YSS	comp=Z,220nm,1.0s			AMB	AMB	
YSS	comp=Z,110nm,1.0s			AMB	AMB	
YSS	comp=Z,250nm,1.0s			AMB	AMB	
YSS			eS	Sn	21 40 57.6	+5.5
YSS			eLQ		21 41 27.0	
YSS			eLR	LR	21 41 50.0	
YSS			AMS	AMS	21 42 22.0	
YSS	comp=Z,1µm,14.0s			AMS	AMS	
YSS	comp=Z,3µm,16.0s			AMS	AMS	
JMP	Maruseppu	7.35 255	P	Pn	21 39 35.1	+2.6
JAR	Ashorobuto	7.38 249	P	Pn	21 39 34.5	+1.6
JAR			eS	Sn	21 40 55.6	-0.7
PET	Petropavlovsk	7.52 26	ePN	Pn	21 39 33.0	-1.8
PET				pmax	pmax	
PET	comp=Z,200nm,1.2s			pmax	pmax	
PET	comp=Z,100nm,1.6s			pmax	pmax	
PET	comp=Z,184nm,1.0s			MLR	MLR	
PET	comp=Z,1µm,19.0s			MLR	MLR	
PET	comp=Z,1µm,12.0s			MLR	MLR	
PET	Petropavlovsk	7.52 26	ePN	Pn	21 39 32.4	-2.5
PET			eSn	Sn	21 40 54.8	-5.0
JOB	Onbets	7.53 246	P	Pn	21 39 35.4	+0.4
JOB			eS	Sn	21 40 58.5	-1.6
JSE	Soyaes	7.57 263	P	Pn	21 39 40.9	+4.6
JKK	Kamakawa 2	7.81 255	P	Pn	21 39 41.9	+3.0
ASAJ	Asahikawa	7.82 257	PN	Pn	21 39 42.6	+3.7
ASAJ				pmax	pmax	
ASAJ	comp=Z,7.0nm,0.3s			smax		
ASAJ	comp=N,1.0nm,0.3s			MLR	MLR	
ASAJ	comp=Z,2µm,18.1s	7.82 257	P	Pn	21 39 42.5	+3.6
ASAJ	Asahikawa	7.82 257	Pn	Pn	21 39 42.6	+3.7
ASAJ	comp=Z,6.9nm,0.3s,baz=89,slow=16,SNR=54			Sn	21 41 19.1	+1.2
ASAJ	comp=Z,1.0nm,0.3s,baz=118,slow=17,SNR=2.1			LR	21 42 42.9	
ASAJ	comp=Z,2µm,18.1s,baz=70,slow=38			LR	21 42 42.9	
UWJK	Keihoku	7.96 266	P	Pn	21 39 47.1	+6.2
UGL	Ulegorsk	7.97 294	PN	Pn	21 39 46.4	+5.4
UGL			S	Sn	21 41 20.8	+1.0
UGL	comp=Z,230nm,0.7s			pmax	pmax	
UGL	comp=Z,700nm,1.5s			pmax	pmax	
UGL	comp=N,180nm,0.7s			smax		
UGL	comp=E,170nm,0.7s			smax		
UGL	comp=N,900nm,12.0s			MLR	MLR	
UGL	comp=E,3µm,15.0s			MLR	MLR	
UGL	comp=Z,4µm,15.0s			MLR	MLR	
UGL	Ulegorsk	7.97 294	eP	Pn	21 39 46.4	+5.4
UGL			PN	Pn	21 39 46.4	+5.4
UGL			AMB	AMB	21 39 47.5	
UGL	comp=Z,230nm,0.7s			AMB	AMB	
UGL	comp=Z,350nm,1.5s			AMB	AMB	
UGL	comp=Z,400nm,1.5s			AMB	AMB	
UGL	comp=Z,700nm,1.5s			AMB	AMB	
UGL			eS	Sn	21 41 20.8	+1.0
UGL			A		21 41 27.0	
UGL	comp=Z,180nm,0.7s			A	21 41 27.0	
UGL	comp=Z,170nm,0.7s			e	21 41 27.0	
UGL			AMS	AMS	21 43 00.0	
UGL	comp=Z,900nm,12.0s			AMS	AMS	
UGL	comp=Z,3µm,15.0s			AMS	AMS	
UGL	comp=Z,4µm,15.0s			AMS	AMS	
JCH	Churui	7.98 245	P	Pn	21 39 40.6	-0.5
JCH			eS	Sn	21 41 06.8	-4.3
JFR	Furan	8.20 251	P	Pn	21 39 46.1	+1.9
TYV	Tymovskoe	8.29 307	eP	Pn	21 39 49.5	+4.1
TYV			AMB	AMB	21 39 53.0	
TYV	comp=Z,84nm,1.0s			AMB	AMB	
TYV	comp=Z,106nm,1.0s			AMB	AMB	
TYV	comp=Z,176nm,1.0s			AMB	AMB	
TYV	comp=Z,800nm,5.0s			AMB	AMB	
TYV	comp=Z,1µm,5.0s			AMB	AMB	
TYV	comp=Z,1µm,8.0s			AMB	AMB	
TYV	comp=Z,4µm,15.0s			AMS	AMS	
TYV	comp=Z,2µm,15.0s			AMS	AMS	
JAB	Ermo	8.30 254	P	Pn	21 39 48.5	+2.9
ERM	Ashibetsu	8.43 242	Pn	Pn	21 39 49.1	+1.7
ERM	Ermo	8.43 242	iPN	Pn	21 39 48.6	+1.2
ERM	Ermo	8.43 242	ePN	Pn	21 39 48.6	+1.3
ERM	Ermo	8.43 242	eS	Sn	21 41 19.0	-3.2
JEM	Ermo	8.43 242	P	Pn	21 39 48.8	+1.4
JEM			eS	Sn	21 41 20.9	-1.3
JB72	Biratori 2	8.53 249	P	Pn	21 39 49.8	+1.1
JNBK	Urakawa-nobuka	8.54 245	eS	Sn	21 41 22.0	-2.8
JEW	Eniwo	9.10 251	P	Pn	21 39 58.5	+2.0
JNB	Noboribetsu	9.54 250	P	Pn	21 40 03.2	+0.7
JNB			eS	Sn	21 41 45.1	-4.3
OKH	Okha	9.74 321	PN	Pn	21 40 11.0	+5.7
OKH			eS	Sn	21 41 58.0	+3.6
OKH	comp=Z,2µm,4.4s	9.74 321	PN	Pn	21 40 11.0	+5.7
OKH			AMB	AMB	21 40 12.1	
OKH	comp=Z,100nm,1.0s			AMB	AMB	
OKH	comp=Z,2µm,4.4s			AMB	AMB	
OKH	comp=Z,2µm,4.4s			AMB	AMB	
OKH	comp=Z,1µm,6.0s			AMS	AMS	
OKH			eS	Sn	21 41 58.0	+3.6
OKH			eLQ		21 42 52.2	
OKH			AMS	AMS	21 44 54.4	
OKH	comp=Z,4µm,15.0s			AMS	AMS	
OKH	comp=Z,2µm,13.0s			AMS	AMS	
OKH	comp=Z,3µm,13.0s			AMS	AMS	
OKB	Kayabe	9.83 247	P	Pn	21 40 06.1	-0.4

JKB	Ohata	10.09 245	P	Sn	21 41 49.9	-6.7
JOT	Shimam	10.11 253	P	Pn	21 40 08.7	-1.4
JSH	Yakumo 2	10.14 250	P	Pn	21 40 11.0	+0.2
JYMG	Nango	10.41 239	P	Pn	21 40 11.6	-2.8
JAVG			eS	Sn	21 42 00.5	-1.0
JSR	Shiruiuchi	10.41 247	P	Pn	21 40 13.7	-0.8
JTM	Tenmabayashi	10.42 242	P	Pn	21 40 13.1	-1.6
JTM			eS	Sn	21 42 02.7	-8.4
JTH	Tanohata	10.49 236	P	Pn	21 40 12.3	-3.2
JTH			eS	Sn	21 42 00.3	-1.2
INK	Nikolayevsk	10.54 314	iP	AMB	21 40 17.0	+0.8
NKL	comp=Z,60nm,1.0s			AMB	AMB	
NKL	comp=Z,100nm,1.0s			AMB	AMB	
NKL	comp=Z,70nm,1.1s			AMB	AMB	
NKL	comp=Z,600nm,5.0s			AMB	AMB	
NKL	comp=Z,700nm,5.0s			AMB	AMB	
NKL	comp=Z,1µm,5.0s			AMB	AMB	
NKL	comp=Z,6µm,15.0s			eL	AMS	
NKL	comp=Z,5µm,15.0s			AMS	AMS	
NKL	comp=Z,2µm,15.0s			AMS	AMS	
NKL	comp=Z,6µm,15.0s			AMS	AMS	
JOSM	Okushiri-Mats	10.74 251	P	Pn	21 40 18.8	-0.2
JOM	Ohasama	11.12 236	P	Pn	21 40 21.0	-3.2
JOM			eS	Sn	21 42 17.8	-1.1
OFUJ	Ofunato	11.18 233	P	Pn	21 40 22.0	-3.0
OFUJ			eS	Sn	21 42 19.4	-1.0
TEY	Ternei	11.68 269	eP	Pn	21 40 35.0	+3.1
TEY			AMB	AMB	21 40 40.0	
TEY	comp=Z,1µm,5.0s			AMB	AMB	
TEY	comp=Z,1µm,5.0s			AMS	AMS	
TEY	comp=Z,2µm,16.0s			AMS	AMS	
TEY	comp=Z,1µm,15.0s			AMS	AMS	
JIO	Ouri	11.80 232	P	Pn	21 40 29.7	-3.8
JIO			eS	Sn	21 42 31.6	-1.3
HABR	Khabarovsk	12.46 286	iPN	Pn	21 40 48.6	+6.1
HABR			iS	Pn	21 43 13.0	
HABR	comp=Z,59nm,1.2s			pmax	pmax	
JYA	Atsumi	12.63 237	P	Pn	21 40 43.6	-1.2
JFK	Kawachi	12.85 230	P	Pn	21 40 46.8	-1.5
JFT	Ofama	13.03 232	P	Pn	21 40 48.5	-1.8
MA2	Magadan	13.29 355	iPN	Pn	21 40 53.3	-0.4
MA2			MLR	MLR		
MA2	comp=Z,1µm,18.0s	13.29 355	ePN	Pn	21 40 53.9	+0.2
JFY	Yanaizu	13.46 233	P	Pn	21 40 54.0	-2.1
JFY			eS	Sn	21 43 19.7	-5.7
JSD	Sado	13.85 238	P	Pn	21 40 58.7	-2.7
JAG	Ashikaga	14.31 231	P	Pn	21 41 05.0	-2.8
KLR	Kul'dur	14.68 289	eP	Pn	21 41 12.0	-0.7
KLR	comp=E,140nm,1.2s			pmax	pmax	
KLR	comp=Z,120nm,1.2s			pmax	pmax	
KLR	comp=E,800nm,9.5s			pmax	pmax	
KLR	comp=Z,1µm,9.5s			MLR	MLR	
KLR	comp=E,2µm,14.0s			MLR	MLR	
KLR	comp=Z,5µm,14.0s			MLR	MLR	
MAJO	Matsushiro	14.91 234	eP	Pn	21 41 13.5	-2.4
MAT	Matsushiro	14.91 234	P	Pn	21 41 13.2	-2.7
MAT			S	Sn	21 44 06.1	+5.3
MJAR	Matsushiro Arr	14.91 234	Pn	Pn	21 41 13.6	-2.4
MJAR	comp=Z,0.2nm,0.3s,baz=30,slow=12,SNR=16			Pn	21 41 13.0	-3.0
JRY	Ryogami san	14.91 231	P	Pn	21 43 49.0	-1.2
JRY			S	Sn	21 41 24.4	+1.0
VLA	Vladivostok	15.48 266	eP	Pn	21 41 24.4	+1.0
VLA	comp=Z,37nm,0.7s			pmax	pmax	
VLA	comp=Z,1µm,17.0s			MLR	MLR	
AJI	Ajiro2	15.55 228	P	Pn	21 41 29.9	+5.5
SEY	Seymchan	16.59 359	eP	Pn	21 41 35.6	-1.9
MDJ	Mudanjiang	16.63 272	P	Pn	21 41 37.4	-0.8
MDJ			AP	pP	21 41 42.9	-1.9
MDJ			XP	sP	21 41 44.7	-2.0
MDJ			S	Sn	21 44 41.7	-0.9
MDJ			PCP	PcP	21 46 29.3	+1.7
MDJ			SCP	ScP	21 50 02.1	+0.5
MDJ			PcS	PcS	21 50 03.3	0.0
MDJ			SCS	ScS	21 53 41.2	+0.5
MDJ	comp=Z,93nm,1.0s			AMB	AMB	
MDJ	comp=Z,175nm,6.3s			AMB	AMB	
MDJ	comp=N,679nm,16.2s			LR	LR	
MDJ	comp=E,629nm,16.2s			LR	LR	
MDJ	comp=Z,1µm,15.2s			LR	LR	
MDJ	Mudanjiang	16.63 272	eP	Pn	21 41 38.8	+0.6
JWT	Wachi	17.41 237	P	Pn	21 41 46.9	-1.1
ZEA	Zeya	18.14 303	eP	Pn	21 41 53.6	-3.3
ZEA			AMB	AMB	21 41 56.5	
ZEA	comp=Z,36nm,1.2s			AMB	AMB	
ZEA	comp=Z,500nm,6.0s			AMB	AMB	
ZEA	comp=Z,600nm,8.0s			AMB	AMB	
JHS	Saijiyo	18.95 240	P	Pn	21 42 05.0	-1.9
CN2	Changchun	19.72 273	eP	Pn	21 42 12.7	-3.4
CN2			eXP	sP	21 42 20.0	-0.7
CN2			eS	Sn	21 45 46.5	-1.1
CN2	comp=Z,40nm,1.1s			AMB	AMB	
CN2	comp=Z,200nm,5.0s			LR	LR	
CN2	comp=N,1µm,16.0s			LR	LR	
CN2	comp=E,400nm,16.0s			LR	LR	
CN2	comp=Z,2µm,17.0s			LR	LR	









Table with columns for station name, frequency, power, and other technical details. Includes stations like ANTO Anarka, ZIMR HGN, BEBN Eben Emael, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PLE Pijevlja, BBS Basel-Blauen, PPT Papeete, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BDI Bagni Di Lucca, MURB Monte Urbino, PLDF La Plantade, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JUNU, KRSR, MA2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA, WB2, W02, etc.

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

ISCJB 11 21:50:29.4... 2.3835N-004.2036E... 009, h9km, 9km, Error ellipse: s-maj=12.9km s-min=5.5km az=158.3

IDC 11 22:27:60.0... 1.0, 1403N:12087E, h0km, mb3.8/6, mb1.4/0.6, mb1mx3.7/19, mbtmp3.8/6, Error ellipse: s-maj=91.7km s-min=18.7km az=68.0

IDC 11 22:56:17.7... 9.749S:15540E, h0km, mb3.8/4, mb1.3/8.4, mb1mx3.6/13, mbtmp3.8/4, MS4.8/1, Ms1.4/8.1, ms1mx3.4/25, Error ellipse: s-maj=140.9km s-min=37.0km az=119.0, Bougainville - Solomon Islands region

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

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

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

NIED 11 22:21:00.3940N:14430E, h8km, Mw3.8 Best double couple: M5.44000x1014 Np1.95169.00000, 864.00000, lambda=96.00000, NP2.962.00000, delta=26.00000, lambda=78.00000

THE 11 22:35:12.2, 3772N:2310E, h32km, 1km, MD2.7/4, ML2.6 NEIC 11 22:35:12.2, 3772N:2310E, h32km, ML2.6(ATH), After ATH

ISCJB 11 23:00:35.5... 0.2, 888N:002-12700E, h34km, mb5.1/21, MS4.7/50, Error ellipse: s-maj=3.3km s-min=2.9km az=168.1

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

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

MAN 11 22:28:12.1396N:12042E, h96km, mb4.2, ML3.0, MS2.8 ISC 11 22:28:12.8... 0.5, 1395N:005-12046E, h106km, 5km, n20, c6569/22, mb4.2/9, 2C, Mindoro

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

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

BUJ 11 23:00:37.6... 8.866N:12668E, h51km, mb5.1, mb5.1, Ms5.0, Ms2.9

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

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

NEIC 11 23:00:40.1... 0.9, 879N:12668E, h56km, 8km, mb5.2/40, MS4.6/3, Error ellipse: s-maj=7.2km s-min=4.0km az=75.0

ISC 11 23:00:37.7... 0.2, 887N:002-12695E, h36km, h38km, 1.2km p-P, P, n25, c1827/355, mb5.1/21, MS4.7/50, 26C-23D, Mindanao

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

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

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



Table with columns: CLNS, comp, frequency, power, SNR, and other technical parameters. Includes stations like PTH, WMQ, TOO, etc.

Table with columns: NVS, comp, frequency, power, SNR, and other technical parameters. Includes stations like KURK, KK31, TIXI, etc.

Table with columns: DAWY, Dawson, Joensuu, etc., and columns for frequency, power, SNR, and other technical parameters. Includes stations like KEV, INK, ASF, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PRU, BRG, SYO, CLL, KHC, GERES, RKT, NVAR, LPGA, LPL, ORIF, FRF, VIVF, LDF, FLN, LASF, TXAR, JCT, TOR, TOR2, TOR3, TOR4, TOR5, TOR6, TOR7, TOR8, TOR9, TOR10, TOR11, TOR12, TOR13, TOR14, TOR15, TOR16, TOR17, TOR18, TOR19, TOR20, TOR21, TOR22, TOR23, TOR24, TOR25, TOR26, TOR27, TOR28, TOR29, TOR30, TOR31, TOR32, TOR33, TOR34, TOR35, TOR36, TOR37, TOR38, TOR39, TOR40, TOR41, TOR42, TOR43, TOR44, TOR45, TOR46, TOR47, TOR48, TOR49, TOR50, TOR51, TOR52, TOR53, TOR54, TOR55, TOR56, TOR57, TOR58, TOR59, TOR60, TOR61, TOR62, TOR63, TOR64, TOR65, TOR66, TOR67, TOR68, TOR69, TOR70, TOR71, TOR72, TOR73, TOR74, TOR75, TOR76, TOR77, TOR78, TOR79, TOR80, TOR81, TOR82, TOR83, TOR84, TOR85, TOR86, TOR87, TOR88, TOR89, TOR90, TOR91, TOR92, TOR93, TOR94, TOR95, TOR96, TOR97, TOR98, TOR99, TOR100.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MKAR, ZALV, IDC, TOR, KEST, GERES, FINES.

CSEM 11 23:38:27.4.0.1, 3031N-5063E, h10km, ML2.9, Error ellipse: s-maj=6.0km s-min=3.5km az=80.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SHGR, GHIR, MIB, NASN, RDF, NAY, GHVR, ASAO, KRBR, SLWS, HRDS, TOR.

IDC 11 23:42:38.0.0.9, 879N-12675E, h0km, mb4.0/11, mb1.4/2/11, mb1mx4.0/20, mbtmp4.0/11, Error ellipse: s-maj=64.9km s-min=14.8km az=74.0

MAN 11 23:42:42.874N, 12694E, h94km, mb4.8, ML3.7, MS3.7, ISCJB 11 23:42:43.2.1.1, 884N-12696E, 007, h53km, 10km, mb4.1/16, Error ellipse: s-maj=12.6km s-min=6.2km

NEIC 11 23:42:43.1.0.4, 887N-12697E, h35km, mb4.4/6, Error ellipse: s-maj=17.1km s-min=6.6km az=81.0

ISC 11 23:42:44.4.1.2, 883N-12696E, 008, h46km, 11km, n37, e079/42, mb4.1/16, 2C-2D, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SCFH, MATI, BUKP, DAV, CGP, MSLP, TBP, LLP, DCPH, GNP, RCP, FITZ, WRA, WB2, ASAR, FORT, KLRB, MUN, NWAO, SONM, STKA, ARMA, MK31, MKAR, UCH, TIXI, FINES, VYDA, YKA, TOR.

IDC 11 23:03:16.4.4.6, 2731S-17701W, h0km, mb4.0/4, mb1.4/3/4, mb1mx4.0/12, mbtmp4.0/4, Error ellipse: s-maj=196.7km s-min=47.2km az=8.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RAO, MJAR, KSRs, NVAR, TXAR, NOA, AKASG, IDC, ISCJB, ISC.

IDC 11 23:03:33.7.2.7, 925N-12791E, h0km, mb3.6/4, mb1.3/7/4, mb1mx3.5/18, mbtmp3.6/4, Error ellipse: s-maj=227.2km s-min=21.4km az=69.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CGP, WRA, ASAR, ISCJB, TOR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TEIG, SDV, TXAR, MIAR, SWET, TZTN, NVAR, ULM, SCHO, CPUP, YKA, TOR.

ISCJB 12 00:04:11.3.1.2, 3834N-004.2038E, 0.10, h13km, 6km, Error ellipse: s-maj=13.9km s-min=5.5km az=162.4

CSEM 12 00:04:15.5.0.2, 3827N-2068E, h10km, MD3.7, Error ellipse: s-maj=4.7km s-min=3.7km az=109.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VLS, VLS, VLS, VLS, KFL, LKD, RLS, IGT, SELA, SELA, EVR, JANINA, KEK, ITM, THL, PYL.

NEIC 12 00:37:49.7, 3262S-7176W, h10km, ML3.0(GUC), After GUC

GUC 12 00:37:49.7.0.7, 3262S-7176W, h10km, 2km, MD3.8, ML3.0, 9C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IHA, ROCH, PTOCH, JACH, PEL, RCDM, TACH, CLCH, LNV, FCH, PCH, CMCH, CMCH, CHCH, CACH, LML, LML, CICH, SFDO.

MEX 12 00:39:04.7.0.6, 1731N-10124W, h18km, 238km, MD3.8, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZIIG, ACX, ACX, MEIG, PLIG, PPM.

MOS 12 00:48:50.6.0.3, 4037N-4464E, h108km, mb3.8/1, Error ellipse: s-maj=99.9km s-min=12.3km az=95.0

TIF 12 00:48:51.5, 4079N-4475E, h9km, 1D, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DGRG, MTA, TBG, GOR, ONI, LACR, LACR, Tsey.





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

ISC/JB 12 02:12:24.5:2.6, 3303S:007:1788W:0.1, h6km, 17km, mb4.7/15, MS4.0/9, Error ellipse: s-maj=20.0km

IDC 12 02:12:24.2:0.8, 3279S:17876W, h0km, mb4.4/6, mb1.4/7.8, mb1mx4.4/15, mbtrmp4.5/8, ML4.7/2, MS3.9/7, MS3.9/7, ms1mx3.6/24, Error ellipse: s-maj=21.3km

BJJ 12 02:12:27.6, 3302S:17901W, h22km, mb5.2, mb5.4, Ms4.9, Ms4.6

NEIC 12 02:12:28.9:0.5, 3304S:17854W, h35km, mb4.9/8, Error ellipse: s-maj=16.0km s-min=9.1km az=117.0

ISC 12 02:12:26.8:3.0, 3295S:007:1788W:0.1, h10km, 19km, n53, a1502/32, mb4.7/15, MS4.0/9, 2D, South of Kermadec Islands

Main table of station data for the left column, including station names like Raoul Island, Urewera, South Karori, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NORSAR Array B151, NA01, AKASA, etc.

CASC 12 02:32:22.3:3.3, 1254N:8784W, h54km, 42km, MD4.1, ML4.2, 10C-9D, Near coast of Nicaragua

Main table of station data for the middle column, including station names like Conchagua, San Cristobal, Telica 3, etc.

BJJ 12 02:34:15.3, 2017N:14552E, h107km, mb4.9, mb4.8

ISC/JB 12 02:34:16.2:0.1, 2019N:003:14529E:0.02, h97km, mb4.9/129, Error ellipse: s-maj=4.1km s-min=3.0km az=11.3

IDC 12 02:34:17.0:0.7, 2012N:14537E, h102km, 5km, mb4.5/20, mb1.4/6.25, mb1mx4.6/27, mbtrmp4.5/25, MS3.8/15, Ms1.3/8.15, ms1mx3.7/25, Error ellipse: s-maj=16.3km

MOS 12 02:34:16.4:0.9, 2022N:14522E, h104km, mb5.0/37, Error ellipse: s-maj=9.9km s-min=5.8km az=94.6

GCMT 12 02:34:17.1:0.3, 2012N:14548E, h78km, 2km, MW5, 0/79, Moment Tensor Solution. s43,c56; s79,C116; Duration: 0

NEIC 12 02:34:17.1:0.1, 2016N:14535E, mb4.9/74, Error ellipse: s-maj=4.8km s-min=4.1km az=133.0

ISC 12 02:34:17.9:0.1, 2020N:003:14533E:0.02, h99km, h99km, 1.2km, p-P, n497, a081/508, mb4.9/129, 70C-137D, Mariana Islands

Main table of station data for the right column, including station names like GUMU, HHC, KAKA, etc.

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

ISC/JB 12 02:34:17.9:0.1, 2020N:003:14533E:0.02, h99km, h99km, 1.2km, p-P, n497, a081/508, mb4.9/129, 70C-137D, Mariana Islands

Main table of station data for the right column, including station names like GUMU, HHC, KAKA, etc.



Table with columns: Station, SNR, Az, El, P, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like BSY, H09A, WVOR, etc.

Table with columns: Station, SNR, Az, El, P, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like M12A, MPMC, S10A, etc.

Table with columns: Station, SNR, Az, El, P, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like FFC, V12A, HWUT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Dragon, Ashpeak Ranch, Bisbee, Lac du Bonnet, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Wachi, Heguri, Matsushiro.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Urewera, Alice Springs, Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Severo-Kuril's, Suwaya, Goretyly, Avacha, Ganaly, Mys Kozlova, Krutoberegovo.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Warramunga Arr, Alice Springs, Makanchi Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like NEIC 12 03:33:06.5.4.2, IDC 12 03:33:06.7.1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Raoul Island, Matakaoa Point, Puketiti, Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Borovoye, ACES Array B, Joensuu, FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like IDC 12 03:34:58.7.0.7, ISC/CB 12 03:35:01.5.2.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Raoul Island, Matakaoa Point, Puketiti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like STKA Stephens Creek, STKA Charters Tower, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like YBHA Yreka Blue Hor, NVAR Mina Array Bea, KMI Kunming, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like WQKJ Warramunga Arr, MK31 Makanchi Arr, MKAR Makanchi Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like JOF Joensuu, VRRH Novokhopersk, VRRH Novokhopersk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like FIA1 FINESS Array S, FINES FINESS Array B, MAL2 Malatya, etc.





Table with 5 columns: KEK, Kerkira, 1.51 346 ePB, Pb, 04 14 56.4 +1.0

ISCJB 12 04:23:13.8, 0.8, 3608N, 007.2734E, 0.08, h92km, 15km, Error ellipse: s-maj=13.8km s-min=9.0km az=143.6

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res

IDC 12 04:33:08.7, 1.3, 523S, 15158E, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.6/1.4, mbtmp3.7/3, Error ellipse: s-maj=108.7km s-min=44.8km az=121.0, New Britain region

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res

WEL 12 04:37:10.0, 0.6, 4576S, 16662E, h5km, ML3.8/7, Error ellipse: s-maj=6.4km s-min=2.5km az=90.0, Off west coast of South Island

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res

ISCJB 12 04:38:22.5, 1.3, 748S, 004.15605E, 0.03, h4km, 8km, mb5.1/77, MS4.3/26, Error ellipse: s-maj=7.2km s-min=5.5km az=179.9

BUI 12 04:38:22.2, 733S, 156.18E, h6km, mb5.2, mb5.1, Ms4.8, Ms4.3

NEIC 12 04:38:24.2, 0.1, 749S, 156.13E, h10km, mb5.0/34, Error ellipse: s-maj=5.3km s-min=4.6km az=114.0

GCMT 12 04:38:24.2, 0.2, 770S, 156.15E, h29km, MW5.0/59, Moment Tensor Solution, s51, c66, s59, c88; Duration: 0

MOS 12 04:38:27.0, 0.9, 738S, 156.13E, h33km, mb5.3/21, Error ellipse: s-maj=9.7km s-min=7.7km az=94.4

IDC 12 04:38:29.8, 2.6, 756S, 156.13E, h50km, 23km, mb4.7/18, mb1 4.9/20, mb1mx4.8/21, mbtmp4.7/20, ML 4.7/2, MS4.2/12, Ms1 4.2/12, ms1mx4.8/24, Error ellipse: s-maj=14.9km s-min=12.4km az=62.0

ISC 12 04:38:26.9, 1.4, 751S, 004.15609E, 0.03, h23km, 10km, h15km, 1.2km, p-P, n323, c0978/233, mb5.1/77, MS4.3/26, 40C-41D, Bougainville - Solomon Islands region

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res

Table with 5 columns: WRA, comp-Z, 1.1nm, 0.9s, baz=59, slow=2.1, SNR=12

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res

NJ2 Nanjing 53.01 320 eP P 04 47 43.2 +1.1

NJ2 Nanjing 53.01 320 eP P 04 47 47.6 -1.7

NJ2 Nanjing 53.01 320 eP P 04 48 51.2 +0.5

NJ2 Nanjing 53.01 320 eP P 04 55 11.5 +0.8

NJ2 Nanjing 53.01 320 eP P 04 55 19.0 -3.6

NJ2 Nanjing 53.01 320 eP P 04 57 59.7 +0.7

NJ2 Nanjing 53.01 320 eP P 04 47 59.9 +0.2

NJ2 Nanjing 53.01 320 eP P 04 47 59.9 +0.2

NJ2 Nanjing 53.01 320 eP P 04 47 59.9 +0.2

NJ2 Nanjing 53.01 320 eP P 04 47 59.9 +0.2

NJ2 Nanjing 53.01 320 eP P 04 47 59.9 +0.2

NJ2 Nanjing 53.01 320 eP P 04 47 59.9 +0.2

NJ2 Nanjing 53.01 320 eP P 04 47 59.9 +0.2

NJ2 Nanjing 53.01 320 eP P 04 47 59.9 +0.2

NJ2 Nanjing 53.01 320 eP P 04 47 59.9 +0.2

NJ2 Nanjing 53.01 320 eP P 04 47 59.9 +0.2

Table with 5 columns: GYA, comp-Z, 1.0nm, 1.0s, mb4.8

Table with 5 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res

HHC Hailar 64.85 335 eP P 04 49 07.8 -0.4

HHC Hailar 64.85 335 eP P 04 49 18.3 +2.7

HHC Hailar 64.85 335 eP P 04 49 22.1 +3.8

HHC Hailar 64.85 335 eP P 04 51 33.9 +1.4

HHC Hailar 64.85 335 eP P 04 57 49.0 -2.7

HHC Hailar 64.85 335 eP P 04 58 04.2 +0.4

HHC Hailar 64.85 335 eP P 04 57 59.7 +0.2

HHC Hailar 64.85 335 eP P 04 57 59.7 +0.2

HHC Hailar 64.85 335 eP P 04 57 59.7 +0.2

HHC Hailar 64.85 335 eP P 04 57 59.7 +0.2

HHC Hailar 64.85 335 eP P 04 57 59.7 +0.2

HHC Hailar 64.85 335 eP P 04 57 59.7 +0.2

HHC Hailar 64.85 335 eP P 04 57 59.7 +0.2

HHC Hailar 64.85 335 eP P 04 57 59.7 +0.2

HHC Hailar 64.85 335 eP P 04 57 59.7 +0.2

HHC Hailar 64.85 335 eP P 04 57 59.7 +0.2





12d 8h

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

KRSC 12 07:05:12.4-0.7,5514N:16237E,h33km,33km,ML3.9, Near-south coast of Kamchka Peninsula

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

12C 12 07:40:59.9-1.1,4061S:176.16E,h0km,mb4.2/3, mb1 4.3/5,mb1mx4.0/15,mbtmp4.1/5,ML3.7/2,Error ellipse: s-maj=34.5km s-min=22.9km az=135.0

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

2007 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTW, MTW, PXZ, TRWZ, etc.

12C 12 07:50:01.0-0.5,3854N:2164E,h14km,ML2.7, Error ellipse: s-maj=6.9km s-min=5.1km az=153.2

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

12C 12 07:50:01.0-0.5,3854N:2164E,h14km,ML2.7, Error ellipse: s-maj=2.5km s-min=1.5km az=1.0

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

2007 MAY 390

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AGG, LKD, Valsamata, etc.

ISCJB 12 07:52:12.9-1.4,5370N:009.878E,0.1,h10km, Error ellipse: s-maj=14.4km s-min=11.9km az=146.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV, ZALV, MK31, etc.

WEL 12 08:00:05.4-0.7,3778S:17971E,h12km,ML3.5/4, Error ellipse: s-maj=5.5km s-min=4.0km az=90.0, East coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MXZ, MXZ, Matakaoa Point, etc.

MEX 12 08:07:36.7-0.8,2080N:10467W,h4km,24km,MD4.5, Jalisco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANIG, ANIG, Santa Fe, etc.

ISCJB 12 08:11:26.6-1.0,6769N:004.343E,0.1,h0km, Error ellipse: s-maj=8.0km s-min=5.3km az=178.3

12C 12 08:11:30.7-0.5,6769N:34.14E,h0km,ML2.7, ML2 (1NAO), Explosion

NAO 12 08:11:33.6-1.2,6770N:3381E,ML2.1, Error ellipse: s-maj=28.9km s-min=8.9km az=74.0

ISC 12 08:11:29.5-0.9,6765N:003.341E,0.1,h0km,m23, r12942, Baltic States - Belarus - Northwestern Russia

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARCS ARCESS Array S, ARAO, ARCS ARCESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PPT, PPT Papeete, TAEO, PLCA, STKA, ASAR, WRA, MKAR.

NEIC 12 08:46:28.6, 1705N-9499W, h120km, MD4.1 (MEX), After MEX. MEX 12 08:46:28.1-3, 1705N-9498W, h120km-10km, MD4.1, 1C-2D, Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMIG, TUIG, OXX, HUIG, VHO, SCX, TPFG, CCIG, PPM, HIO, IJO, MZVM, PBVM, ACX.

IDC 12 08:53:58.1-3.1, 3294S-17851W, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.7/12m, mbmp3.7/3, ML3.6/1, Error ellipse: s-maj=17.5km, s-min=36.6km az=115.0, South of Kermadec Islands

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

CSEM 12 08:56:39.7-0.3, 4032N-4020E, h0km, 3km, MD2.8, Error ellipse: s-maj=8.2km, s-min=5.2km az=62.0. ISK 12 08:56:40.7, 4029N-4018E, h12km, MD2.9. ISCJB 12 08:56:41.2-0.6, 4028N-4005-4017E-006, h4km, 7km, Error ellipse: s-maj=11.5km, s-min=4.3km az=39.8. DDA 12 08:56:41.8, 4033N-4024E, h7km, 1km, MD2.8. ISC 12 08:56:41.8-0.6, 4027N-006-4017E-007, h9km, 8km, n10, a=106/17, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOPT, GUPT, EZC, MACK, KTUT, EZM, ESRY, GRSN.

NEIC 12 09:14:36.0, 3607N-2596E, h10km, ML3.2 (ATH), After ATH. CSEM 12 09:14:43.2, 3483N-2548E, h27km, MD3.5/5, After ATH. ATH 12 09:14:43.2, 3483N-2548E, h27km, MD3.5/5, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like XRY, NPS, GVI, VAM, KARP.

IDC 12 09:53:26.1-3.4, 274S-13873E, h0km, mb3.6/2, mb1 3.8/4, mb1mx3.6/11, mbmp3.6/4, ML3.6/2, Error ellipse: s-maj=115.7km, s-min=25.9km az=90.0. ISCJB 12 09:53:30.2-4.2, 28S-01.1384E-05, h33km, mb3.7/2, Error ellipse: s-maj=64.7km, s-min=21.0km az=0.4. ISC 12 09:53:32.4-2.3, 28S-01.1384E-04, h35km, n6, a=140/6, mb3.7/2, Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAKA, WB2, WRA, FITZ, ASAR, MKAR.

NIED 12 10:15:00, 2620N-14140E, h89km, Mw3.8. Best double couple: M6.3000x10^4, NP13x347, 00000, 385, 00000, a=63, 00000, NP2=2050000, a2=20000, a=171, 00000. ISCJB 12 10:15:19.4-0.6, 2614N-1451E-01, h122km, 7km, mb4.2/12, Error ellipse: s-maj=18.7km, s-min=6.2km az=165.7. JMA 12 10:15:21.2, 2616N-14150E, h108km, M4.4. NEIC 12 10:15:21.0-0.5, 2616N-14153E, mb4.6/6, MW3.8 (NIED), Error ellipse: s-maj=18.6km, s-min=8.1km az=85.0. IDC 12 10:15:21.0-2.7, 2619N-14150E, h115km, 6km, mb3.6/6, mb1 3.7/9, mb1mx3.5/18, mbmp3.5/9, Error ellipse: s-maj=22.4km, s-min=11.2km az=103.0. ISC 12 10:15:20.8-0.6, 2616N-14153E-01, h119km, 7km, h125km, 4.6km, pP, n36, a=83/40, mb4.2/12, Bonin Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBU, CBU, BS01, BS03, BS04, BS04, HMMJ, JOD2, JNY, JHU, JRY, MJAR, MAJO, MAT, KSRS, ASAJ, YHNB, CTAO, WRAB, WB2, WRA, FITZ, ASAR, ASAR, MKAR, STKA, STKA, STKA, STKA, YKA, YKA, YKA, YKA, FINES, FINES, NVAR, NOA, MSU, SRU, PLCA, LPAZ.

GUC 12 10:16:28.0-0.7, 2279S-6871W, h130km, ML4.9. ISCJB 12 10:16:29.3-0.2, 2269S-6857W-008, h109km, 9km, mb4.2/10, Error ellipse: s-maj=12.8km, s-min=8.8km az=176.5. NEIC 12 10:16:29.0-0.8, 2267S-6873W, h100km, 15km, MG4.9 (GUC), Error ellipse: s-maj=15.2km, s-min=10.8km az=104.0. IDC 12 10:16:30.4-0.5, 2253S-6864W, h98km, 3km, mb4.0/11, mb1 4.0/15, mb1mx3.9/21, mbmp3.9/15, MS3.2/1, Ms1 3.1/1, ms1mx2.4/24, Error ellipse: s-maj=17.7km, s-min=12.0km az=61.0. ISC 12 10:16:30.3-0.7, 2270S-6866W-007, h100km, 8km, h99km, 6km, pP, n29, a=108/30, mb4.2/10, 1C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEN1, CEN1, CEN1, ANCH, ANCH, ANCH, ANCH, CPN1, CPN1, CPN1, CPCH, CPCH, LPAZ, LCO, CFAA, CPUP, PLCA, PLCA, ATAH, BDFB, BDFB, TEIG, TEIG, SNAA, SNAA, SNAA, TXAR, TXAR, TXAR, DBIC, DBIC, ULM, ULM, NVAR, NVAR, BOSA, BOSA, YKA, YKA, YKA, ASAR.

ISCJB 12 08:17:27.0-1.3, 2728N-007:5466E-005, h9km, 11km, Error ellipse: s-maj=11.6km, s-min=7.4km az=175.4. THR 12 08:17:27.5-0.9, 2708N-5463E, h4km, 9km, ML3.5. CSEM 12 08:17:27.5, 2708N-5463E, h4km, ML3.5, After THR. ISC 12 08:17:28.3-1.4, 2727N-007:5469E-005, h4km, 11km, n13, a=99/15, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNDS, GHIR, GHIR, GHIR, GHIR, KRBR, KRBR, BTHS, BTHS, NASH, ZHFS, HRDSD, HRDSD, RDF, RDF, NAY, NAY, MIB, MIB.

NEIC 12 08:18:17.1, 3157S-7158W, h38km, MD3.7 (GUC), After GUC. GUC 12 08:18:17.1-0.7, 3157S-7158W, h38km, 3km, MD3.7, ML2.9, 4C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMCH, CMCH, CMCH, CMCH, PTCH, JACH, JACH, TLL, TLL, TLL, TLL, PEL, PEL, RCDM, RCDM, RCDM, RCDM, CLCH, CLCH, CLCH, FCH, FCH, FCH, TACH, LMEL, LMEL.

IDC 12 08:39:21.6-5.6, 5655S-14755W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.7/13, mbmp3.8/3, MS3.9/6, Ms1 3.9/6, ms1mx3.6/20, Error ellipse: s-maj=1017.0km, s-min=90.1km az=171.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RPZ, URZ, TBI, GSPA, RKT, RAR, RPT.











P05C	Yuba Gap, Truc	95.95	51	↑P	P	11 44 27.0 +0.7
CMB	Columbia Colle	96.08	52	eP	P	11 44 26.9 0.0
CMB	comp=Z,39nm,1.8s,mb5.5			MLR	MLR	
CMB	comp=Z,1.1um,19.0s,MSS.4			LR	LR	
CMB	Columbia Colle	96.08	52	eP	P	11 44 26.9 -0.1
CMB	comp=Z,39nm,1.8s,mb5.5			LR	LR	
CMB	comp=Z,1.1um,19.0s,MSS.4			LR	LR	
CMB	Columbia Colle	96.08	52	eP	P	11 44 26.8 -0.1
PTRM	Twisselman Ran	96.12	55	eP	P	11 44 26.5 -0.7
BEKR	Beckworth	96.17	51	↑P	P	11 44 27.4 +0.2
MOD	Modoc	96.28	49	eP	P	11 44 27.5 -0.2
MOD	comp=Z,50nm,1.8s,mb5.6			LR	LR	
MOD	comp=Z,1.1um,19.0s,MSS.4			LR	LR	
R05C	Kirkwood Meado	96.35	52	↑P	P	11 44 28.4 +0.2
T06C	Millerton Lake	96.58	53	↑P	P	11 44 29.1 -0.1
N06A	Buffalo Meadow	96.59	50	↑P	P	11 44 30.2 +1.0
SNCC	San Nicolas Is	96.59	57	PFAKE	LR	11 44 40.0 +1.1
SNCC	comp=Z,1.1um,22.0s,MSS.3			LR	LR	
WCN	Washoe City	96.61	51	↑P	P	11 44 30.3 +1.0
ABPO	Ambolinpanom	96.62	250	eP	P	11 44 29.4 -0.4
ABPO	comp=Z,22nm,0.9s,mb5.6			LR	LR	
PAHR	Pah Rah Range	96.91	51	eP	P	11 44 30.9 +0.2
HAWA	Hanford	96.92	44	PFAKE	LR	11 44 40.0 +9.4
HAWA	comp=Z,37nm,1.9s,mb5.5			LR	LR	
B08A	Colville Reser	97.02	42	↑P	P	11 44 32.0 +0.8
M07A	Soldier Meadow	97.11	49	↑P	P	11 44 32.7 +1.2
A08A	Turner Farm, O	97.12	41	↑P	P	11 44 32.1 +0.7
G08A	Pilot Rock	97.31	45	↑P	P	11 44 33.5 +1.2
D08A	Wollman Farm,	97.35	43	↑P	P	11 44 33.3 +0.8
MTUM	Tungsten Hills	97.50	53	eP	P	11 44 34.0 +0.6
H08A	Prairie City	97.52	46	↑P	P	11 44 33.3 0.0
WVOR	Wild Horse Val	97.52	48	eP	P	11 44 33.5 +0.1
WVOR	comp=Z,69nm,2.1s,mb5.8			MLR	MLR	
WVOR	comp=Z,1.1um,21.0s,MSS.3			LR	LR	
WVOR	Wild Horse Val	97.52	48	eP	P	11 44 33.5 +0.1
WVOR	comp=Z,70nm,2.1s,mb5.8			LR	LR	
NVAR	Minna Array Bea	97.73	52	P	P	11 44 33.2 -1.2
NVAR	comp=Z,1.1um,21.0s,MSS.3			LR	LR	
NVAR	Minna Array Bea	97.73	52	P	P	11 48 33.4 +0.5
NVAR	comp=Z,1.9nm,0.7s,mb4.7,baz=252,slow=7.0,SNR=17			PP	PP	12 01 10.7 -0.2
NVAR	comp=Z,2.7nm,1.2s,baz=255,slow=8.9,SNR=4.4			PKKP	PKKPbc	12 01 10.7 -0.2
S08C	White Mt Res	97.82	53	↑P	P	11 44 35.7 +0.9
CWC	Cottonwood Cre	97.87	54	↑P	P	11 44 35.4 +0.3
EDW2	Edwards Air Fo	97.92	56	↑P	P	11 44 35.0 -0.3
Q08A	Gabbs	98.02	52	↑P	P	11 44 36.1 +0.4
MAIT	Maitri	98.10	194	eP	P	11 44 34.9 -0.5
G09A	Cove	98.15	45	↑P	P	11 44 36.2 +0.1
LRMC	Laurel Mountai	98.17	54	↑P	P	11 44 36.8 +0.4
MPMC	Manual Prospec	98.34	54	↑P	P	11 44 36.9 -0.3
D10A	Wagner Farm, O	98.48	43	↑P	P	11 44 37.3 -0.2
BMO	Blue Mountains	98.49	46	eP	P	11 44 37.7 +0.1
BMO	comp=Z,16nm,1.4s,mb5.4			MLR	MLR	
BMO	comp=Z,637nm,22.0s,MSS.1			LR	LR	
BMO	Blue Mountains	98.49	46	eP	P	11 44 37.7 +0.1
BMO	comp=Z,16nm,1.4s,mb5.3			MLR	MLR	
BMO	comp=Z,637nm,22.0s,MSS.1			LR	LR	
F10A	Beach Ranch, E	98.53	44	↑P	P	11 44 37.0 -0.8
NEW	Newport	98.55	42	eP	P	11 44 37.3 -0.5
NEW	comp=Z,27nm,1.5s			MLR	MLR	
NEW	Newport	98.55	42	eP	P	11 44 37.3 -0.5
NEW	comp=Z,28nm,1.5s,mb5.6			LR	LR	
S09A	Goldfield	98.57	53	↑P	P	11 44 38.7 +0.5
H10A	Noah's Angus R	98.89	46	↑P	P	11 44 39.6 +0.2
GSC	Goldstone	98.89	55	eP	P	11 44 40.2 +0.5
GSC	comp=Z,35nm,1.8s,mb5.6			MLR	MLR	
GSC	comp=Z,972nm,22.0s,MSS.3			LR	LR	
GSC	Goldstone	98.89	55	eP	P	11 44 40.2 +0.5
GSC	comp=Z,35nm,1.8s,mb5.6			LR	LR	
S10A	Tonopah Range,	99.07	53	↑P	P	11 44 41.4 +1.0
YKA	Yellowknife Ar	99.13	28	P	P	11 44 36.7 -3.4
YKA	comp=Z,2.1nm,0.8s,mb4.7,baz=276,slow=4.6,SNR=19			PP	PP	12 01 04.2 -3.6
YKA	comp=Z,1.8nm,1.0s,baz=277,slow=6.1,SNR=3.7			PKKPbc	PKKPbc	12 01 04.2 -3.6
YKA	comp=Z,2.7nm,0.7s,baz=91,slow=2.6,SNR=22			PKKPbc	PKKPbc	12 02 09.2
YKA	comp=Z,0.3nm,1.0s,baz=92,slow=2.3,SNR=3.5			PP	PP	12 26 11.4
PFO	Pinyon Flat Ob	99.17	57	PFAKE	LR	11 44 50.0 +9.1
PFO	comp=Z,1.1um,20.0s,MSS.3			LR	LR	
E11A	Bogner Ranch,	99.23	44	↑P	P	11 44 40.7 -0.2
HEC	Hector,Ludlow	99.28	56	↑P	P	11 44 41.4 0.0
SHOC	Shoshone	99.32	55	↑P	P	11 44 41.7 +0.1
TPNV	Topopah Spring	99.35	54	eP	P	11 44 42.0 +0.3
TPNV	comp=Z,42nm,2.0s,mb5.6			MLR	MLR	
TPNV	comp=Z,88nm,19.0s,MSS.3			LR	LR	
TPNV	Topopah Spring	99.35	54	eP	P	11 44 42.0 +0.3
TPNV	comp=Z,42nm,2.0s,mb5.6			LR	LR	
K11A	Parker Ranch,	99.44	48	↑P	P	11 44 42.3 +0.4
D12A	Red Ives Fores	99.79	43	↑P	P	11 44 43.8 +0.5
Q11A	Duckwater	99.80	52	↑P	P	11 44 43.8 +0.5
GMRC	Granite Mounta	99.83	56	↑P	P	11 44 44.1 +0.7
BC3	Big Chuckw Mtn	100.00	57	↑P	P	11 44 45.7 +1.6
T11A	Corn Creek, AI	100.17	53	↑P	P	11 44 45.3 +0.4

L12A	House Creek Ra	100.21	48	↑P	P	11 44 46.0 +0.9
IRM	Iron Mountain	100.25	56	↑P	P	11 44 46.7 +1.4
M12A	Wells	100.39	49	↑P	P	11 44 46.2 +0.7
SNA	Sanae	100.34	190	P	P	11 44 43.8 -1.9
SNA	comp=Z,3.0nm,0.8s			MLR	MLR	11 48 49.9
SNA	comp=Z,4.0nm,0.9s			MLR	MLR	11 44 43.8 -1.9
SNA	comp=Z,2.8nm,0.8s,baz=185,slow=5.1,SNR=21			PP	PP	11 48 49.9 -1.6
GLA	Glamis	100.53	58	PFAKE	LR	11 45 00.0 +1.3
GLA	comp=Z,4.0nm,0.9s,baz=142,slow=8.1,SNR=8.4			MLR	MLR	11 45 00.0 +1.3
F13A	Darby	100.56	45	↑P	P	11 44 46.9 +0.3
MSO	Missoula	100.77	44	PFAKE	LR	11 45 00.0 +1.2
MCMT	McKenzie Canyo	101.46	46	eP	P	11 44 51.5 -0.1
DUG	Dugway	101.95	50	eP	P	11 44 52.8 0.0
DUG	comp=Z,5.0nm,1.4s			MLR	MLR	11 44 52.8 0.0
DUG	comp=Z,935nm,22.0s,MSS.3			LR	LR	11 44 52.8 0.0
DUG	comp=Z,5.1nm,1.4s			MLR	MLR	11 44 52.8 0.0
GNI	Garni	102.25	310	P	P	11 44 54.0 -0.2
GNI	comp=Z,10.0nm,1.6s			MLR	MLR	11 44 54.0 -0.2
GNI	Garni	102.25	310	PFAKE	LR	11 45 10.0 +1.6
BOZ	Bozeman (W)	102.45	45	PFAKE	LR	11 45 10.0 +1.5
BOZ	comp=Z,344nm,22.0s,MSS.4.8			LR	LR	11 45 10.0 +1.5
HWUT	Hardware Ranch	102.81	49	PFAKE	LR	11 45 10.0 +1.3
HWUT	comp=Z,527nm,21.0s,MSS.0			LR	LR	11 45 10.0 +1.3
MPU	Maple Canyon	102.87	50	PFAKE	LR	11 45 10.0 +1.3
JLU	Jordanelle	102.97	50	eP	P	11 44 58.1 +0.8
YMR	YMR	103.01	46	PFAKE	LR	11 45 10.0 +1.2
YMR	Madison River	103.01	46	PFAKE	LR	11 45 10.0 +1.2
AHID	Auburn Hatcher	103.07	48	PFAKE	LR	11 45 10.0 +1.2
AHID	comp=Z,963nm,19.0s,MSS.3			LR	LR	11 45 10.0 +1.2
KBS	Kingsbay	103.16	352	eP	P	11 49 08.8 -4.0
KBS	comp=Z,224nm,24.0s,MSS.4.6			AMS	AMS	11 55 36.3
KBS	Kingsbay	103.16	352	eP	P	12 03 51.9 +0.9
KBS	AMS			AMS	AMS	12 26 33.9
KBS	Kingsbay	103.16	352	PFAKE	LR	11 45 10.0 +1.2
KBS	comp=Z,575nm,21.0s,MSS.1			LR	LR	11 45 10.0 +1.2
WUAZ	Wupatki	103.32	55	PFAKE	LR	11 45 10.0 +1.1
WUAZ	comp=Z,930nm,22.0s,MSS.3			LR	LR	11 45 10.0 +1.1
EGMT	Eagleton	103.49	42	PFAKE	LR	11 45 10.0 +1.0
EGMT	comp=Z,597nm,20.0s,MSS.1			LR	LR	11 45 10.0 +1.0
KIV	Kislovodsk	103.50	314	P	P	11 45 10.0 +1.0
KIV	comp=Z,635nm,22.0s,MSS.1			LR	LR	11 45 10.0 +1.0
KIV	Kislovodsk	103.50	314	P	P	11 49 17.7 -0.8
KIV	SNR=7.8			PKIKP	PKIKP	11 49 17.7 -0.8
TUC	Tucson	103.95	58	PFAKE	LR	11 45 10.0 +8.3
TUC	comp=Z,1.1um,20.0s,MSS.4			LR	LR	11 45 10.0 +8.3
BW06	Boulder Array	104.20	47	PFAKE	LR	11 45 10.0 +7.2
BW06	comp=Z,1.1um,20.0s,MSS.4			LR	LR	11 45 10.0 +7.2
ARCES	ARCES Array B	105.53	342	P	P	11 45 06.9 -1.8
ARCES	comp=Z,4.0nm,0.6s			MLR	MLR	11 45 06.9 -1.8
ARCES	ARCES Array B	105.53	342	P	P	11 45 06.9 -1.8
ARCES	comp=Z,4.1nm,0.6s,baz=67,slow=9.3,SNR=13			PKKPbc	PKKPbc	12 00 44.4 -4.9
ARCES	comp=Z,3.6nm,0.5s,baz=249,slow=2.3,SNR=29			PKKPbc	PKKPbc	12 00 44.4 -4.9
OBN	Obninsk	105.65	326	PFAKE	LR	11 49 30.0 +7.9
OBN	comp=Z,682nm,20.0s,MSS.2			LR	LR	11 49 30.0 +7.9
SMCO	Snowmass	106.53	51	eP	P	11 49 20.6 -3.6
FFC	Flin Flin	107.02	34	PFAKE	LR	11 49 40.0 +1.5
FFC	comp=Z,918nm,20.0s,MSS.3			LR	LR	11 49 40.0 +1.5
DGMT	Dagmar	107.09	41	PFAKE	LR	11 49 40.0 +1.5
DGMT	comp=Z,942nm,19.0s,MSS.4			LR	LR	11 49 40.0 +1.5
ANMO	Albuquerque	107.38	55	PFAKE	LR	11 49 40.0 +1.4
ANMO	comp=Z,735nm,22.0s,MSS.2			LR	LR	11 49 40.0 +1.4
TRO	Tromso	107.47	343	eP	P	11 49 43.0 -1.8
TRO	comp=Z,2.0nm,0.6s			AMS	AMS	12 04 47.2 -2.7
TRO	Tromso	107.47	343	eP	P	12 34 01.0
TRO	AMS			AMS	AMS	11 49 40.0 +1.4
ISCO	Idaho Springs	107.50	50	PFAKE	LR	11 49 40.0 +1.4
ISCO	comp=Z,1.1um,21.0s,MSS.5			LR	LR	11 49 40.0 +1.4
SDCO	Great Sand Dun	107.84	52	PFAKE	LR	11 49 40.0 +1.3
SDCO	comp=Z,853nm,20.0s,MSS.3			LR	LR	11 49 40.0 +1.3
MNTX	Cornudas Mount	108.57	59	PFAKE	LR	11 49 40.0 +1.2
MNTX	comp=Z,787nm,20.0s,MSS.3			LR	LR	11 49 40.0 +1.2
KMBO	Kilima Mbogo	108.70	267	P	P	11 45 24.6 +1.8
KMBO	comp=Z,2.0nm,0.6s			MLR	MLR	11 45 24.6 +1.8
KMBO	Kilima Mbogo	108.70	267	P	P	11 45 24.6 +1.8
KMBO	comp=Z,1.8nm,0.6s,baz=64,slow=5.4,SNR=5.1			PKKPbc	PKKPbc	11 45 24.6 +1.8
FINES	FINES Array B	108.86	334	P	P	11 45 22.4 -1.2
FINES	comp=Z,1.0nm,0.6s			MLR	MLR	11 45 22.4 -1.2
FINES	FINES Array B	108.86	334	P	P	11 45 22.4 -1.2
FINES	comp=Z,1.1nm,0.6s			MLR	MLR	11 45 22.4 -1.2
FINES	comp=Z,2.0nm,0.8s			MLR	MLR	11 45 22.4 -1.1
FINES	FINES Array B	108.86	334	P	P	11 49 27.5 -0.4
FINES	comp=Z,0.9nm,0.6s,baz=72,slow=8.2,SNR=7.1			PKKPbc	PKKPbc	12 00 36.5 -2.1
FINES	comp=Z,1.2nm,0.6s,baz=59,slow=5.4,SNR=4.3			PKKPbc	PKKPbc	11 45 22.4 -1.1
FINES	comp=Z,1.7nm,0.8s,baz=259,slow=1.9,SNR=5.5			PKKPbc	PKKPbc	12 00 36.5 -2.1
TXAR	Lajitas Array	110.26	61	PFAKE	LR	11 49 28.9 -2.6
TXAR	comp=Z,1.0nm,0.8s			MLR	MLR	12 00 32.4
TXAR	comp=Z,1.0nm,0.5s			MLR		









Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like HOQ Hoqain, BVAR Sorovey Array, BRVK Borovey, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like PMR Palmer, VRHR Novokopersk, KMBO Kilima Mbogo, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like ORIF Lormes, DUG Dugway, IMW Indian Meadow, etc.

SZGRF 12 13:01:52, 1.2188S, 174.13W, h33km, Tonga Islands
MOS 12 13:02:07, 0.8, 1851S, 175.74W, h70km, mb5, 0.22, Error ellipse: s-maj=15.8km s-min=11.2km az=64.6

NEIC 12 13:02:10, 7.1, 2009S, 175.94W, h144km, 10m, mb4, 7/44, Error ellipse: s-maj=8.3km s-min=4.5km az=135.0

BGS 12 13:02:10, 7.1, 2009S, 175.94W, h144km, mb4, 7(NEIC) BUI 12 13:02:10, 7.1, 2010S, 175.90W, h143km, mb5, 2, mb5.0, IDC 12 13:02:20, 4.0, 9, 2047S, 177.88W, h231km, 7km, mb4, 3/12, mb1 4.5/14, mb1mx4.4/17, mbtmp4.3/14, Error ellipse: s-maj=13.3km s-min=8.9km az=134.0

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

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes entries like URZ, URZ, BKZ, BKZ, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes entries like MPMC, GSC, GSC, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other details. Includes entries like R11A, U13A, U09A, etc.













12d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BUC1 Bucharest, BERR Berezani, HARR Harsova, IAS Iasi, TIRR Tirusor, etc.

2007 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURK Kurchatov, ZAL Zalesovo Beam, MKAR Makanchi Array, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NWAO Narrogin (SRO), CONN Concepcion, KONT Konya-Tatoy, etc.





Table with columns: Station Name, Frequency, Mode, Class, Power, etc. Includes stations like NU2, NJ2, HBR, YSS, BJI, BJL, BJT, KLR, HIA, HHC, BTO, XAN, ULN, SONM, LZH, GUMO, GYA, CD2, QIZ, BOD, ZAK, GTA, IRK, YAK, KMI.

Table with columns: Station Name, Frequency, Mode, Class, Power, etc. Includes stations like KMI, SEY, WMQ, BILL, ZAAO, ZAL, MKAR, MKAR, KURK, TKM2, TKM2, AML, IMA2, SVE, ARU, ARU, ARU, ARU, ARU, FITZ, FITZ, WRAB, WRB, WRA, ASAR, ASAR, ASAR, HLK, ARCES, FORT, KIV, KIV, KIV, STKA, STKA, FINES, FINES, YKA, YKA, ANN, ANN, AKASG, AKASG, STKA, STKA, NOA, NOA, NOA, NOA, FCC, FCC, CLL, GERES, GERES, NVAR, REDW, ULM, ULM, LPAZ, LPAZ.

Table with columns: Code, Station Name, Frequency, Mode, Class, Power, etc. Includes stations like CTAO, TAU, STKA, WB2, WRB, WRA, WRA, ASAR, ASAR, POHA, MJAR, CLL, GERES, NEIC, MEX, Oaxaca, PINIG, OXX, HUIG, TPIG, ACX, CMX, CAIG, MZVM, IO, IO, IO, TEIG, SDV, NIED, SKHL, SZGRF, ISCB, MOS, IDC, BJI, NEIC, ISCB, KURIL ISLANDS, KURIL'SK, SEVERO-KURIL'S, SKR, YUK, YUK, YUK, YUK, NEM2, NEM2, JRA, JRA, YUZH-SAKHALINS, YSS, YSS, YSS.



Table with columns: PET, Petropavlovsk, 6.98 31, ePN, Pn, 23 53 12.7 -0.7, etc. Lists various astronomical objects and their properties.

Table with columns: ZAL, Zalesovo, 42.20 305, P, P, 23 59 19.9 +0.6, etc. Lists astronomical objects with detailed coordinates and magnitudes.

Table with columns: BAIF, Baives, 79.42 340, eP, P, 00 03 31.3 -0.6, etc. Lists astronomical objects, including some with error ellipses and specific identifiers.



Table with columns: JOW, Kunigami, 2.08 239 P, Pn, 00 01 04.5 +0.1, etc.

Table with columns: MID, Middleton Isla, 6.46 63 eP, Pn, 00 46 33.7 -1.9, etc.

Table with columns: KARN, Karanos, 1.37 85 ePg, Pn, 01 24 00 -1.5, etc.

Table with columns: CBJ, Chichi jima, 10.62 92 LR, LR, 00 07 17.7, etc.

Table with columns: IDC 13 00:58:45.2-7.1, 1759S-17871W, h637km,78km, mb2.7/3, etc.

Table with columns: NPS, Neapoli, 2.76 89 ePn, Pn, 01 24 21.6 +0.7, etc.

Table with columns: ISCB 13 00:10:03.8-4.7, 196S:0.1:178D0.02, h404km,50km, etc.

Table with columns: NNC 13 01:08:24.4-8.5, 4465N-8839E, h0km, mb3.1, mpv2.6, etc.

Table with columns: ISCB 13 01:33:33.0-0.7, 1547S:008-7138W, h130km,9km, etc.

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

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

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

Table with columns: BUI 13 00:41:18.1, 3311N-8215E, h19km, mb5.0, mb4.7, etc.

Table with columns: ISCB 13 01:13:00.9-0.8, 3425N,0.0:0.819E,0.1, h10km, mb3.6/11, etc.

Table with columns: ISCB 13 01:45:54.6-0.2, 4719N:002-1111E:002, h12km,2km, etc.

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

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

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

Table with columns: NEIC 13 00:45:03.1, 5703N-15768W, h126km, mb4.1/2, After, etc.

Table with columns: ISCB 13 01:23:35.0-1.7, 3530N:007-2226E:007, h1km,11km, etc.

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

13d 2h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

2007 MAY

Table with columns: LPL, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.





Table with columns: CD2, XPKP, PKP2, PKPab, PP, comp-Z, 150nm, 10.2s, LR, LR, LR, LR, LZH Lanzhou, WMQ Urumqi, 168.71 246 ePKP, 176.54 45 ePKP, 03 44 02.8, 03 44 52.0 -4.4, 03 44 00.0 -0.9, 03 44 05.0 +1.1

MOS 13 03:36:12.2:1.6, 2143Sx17922W, h574km, mb4.9/24, Error ellipse: s-maj=9.9km s-min=8.1km az=151.3

ISCJB 13 03:36:14.1:0.1, 2176Sx003.17925W, h005km, mb4.9/10.2, Error ellipse: s-maj=4.3km s-min=2.5km az=40.6

BUI 13 03:36:14.2:2151Sx17848W, h633km, mb4.9, SZGRF 13 03:36:14.1, 2250Sx17850W, h617km, South of Fiji Islands

NEIC 13 03:36:15.0:0.1, 2168Sx17921W, mb5.0/64, Error ellipse: s-maj=4.7km s-min=3.0km az=125.0

GCMT 13 03:36:15.0:0.3, 2144Sx17920W, h613km, 2km, MW5/5/68, Moment Tensor Solution. s68,694; Duration: 113

Moment tensor: Scale 10^17Nm; Mr=0.34±0.4; Mw=0.10±0.6; Mb=0.43±0.6; Mbr=0.05±0.6; Mw=0.09±0.6; Mw=1.83±0.5; Best double couple; M1: 87400x1017

NF1: 153.0000°; 87.0000°; λ=119.0000°; NP2: p1.0000°; 84.0000°; λ=87.0000°; Principal axes: T 1.9210, P1g39.0000°, Azm89.0000°; N -0.940, P1g3.0000°, Azm181.0000°; P -1.8280, P1g51.0000°

Azm275.0000°; nsta1 refers to body waves, cutoff=40s. IDC 13 03:36:15.2:0.5, 2161Sx17926W, h603km, 5km, mb4.3/30, s-maj=4.4/3.3, mb1mx4.4/3.3, mbtmp4.3/3.3 Error ellipse: s-maj=8.7km s-min=7.1km az=170.0

ISC 13 03:36:15.0:0.1, 2177Sx003.17921W, h003, h606km, h606km; 1.1km; p-P, n727, o665/5729, mb4.9/10.1, 144C-140D, Fiji Islands region

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: CNB, Canberra Magne, 30.59 237 eP, P, 03 41 43.3 +1.5, CNB CTA, Charters Tower, 32.26 267 eP, S, 03 47 10.7 +3.9, 03 41 56.4 +0.1

Table with columns: CTA, Charters Tower, 32.26 267 eP, S, 03 46 23.1 -5.4, 03 47 15.9 +3.1, 03 41 56.4 +0.1, 03 46 23.1 -5.4

Table with columns: CTA, Charters Tower, 32.26 267 eP, P, 03 41 56.5 +0.3, CTA, Charters Tower, 32.26 267 eP, S, 03 47 15.9 +3.2, CTA, Charters Tower, 32.26 267 eP, P, 03 41 56.3 0.0

Table with columns: CTA, Charters Tower, 32.26 267 eP, P, 03 41 56.3 +0.1, CTA, Tasmania Unive, 34.93 225 eP, S, 03 47 15.7 +3.0, 03 42 19.1 +0.9

Table with columns: TAS, Tasmania Unive, 34.93 225 eP, S, 03 42 19.1 +0.8, STKA, Stephens Creek, 36.23 245 eP, P, 03 42 29.9 +0.8, STKA, Stephens Creek, 36.23 245 eP, S, 03 47 26.6 -1.1, 03 42 30.1 +1.0

Table with columns: STKA, Stephens Creek, 36.23 245 eP, S, 03 47 26.6 -1.1, 03 42 30.1 +1.0, STKA, Stephens Creek, 36.23 245 eP, S, 03 47 28.2 +0.5, STKA, Stephens Creek, 36.23 245 eP, P, 03 42 55.8 -1.4

Table with columns: TAOE, Nuku Hiva Isla, 39.68 77 eP, P, 03 43 05.6 -0.4, RKT, Rikitea, 40.80 101 eP, P, 03 43 05.6 -0.4, RKT, Rikitea, 40.80 101 eP, P, 03 43 05.6 -0.4

Table with columns: ASAR, Alice Springs, 43.14 258 eP, P, 03 43 24.4 +0.1, ASAR, Alice Springs, 43.14 258 eP, S, 03 47 57.5 +3.3, ASAR, Alice Springs, 43.14 258 eP, S, 03 49 07.2 -1.1

Table with columns: ASAR, Alice Springs, 43.14 258 eP, S, 03 49 07.2 -1.1, WB2, Warramunga Arr, 43.31 264 eP, P, 03 43 24.9 -0.8, WB2, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8

Table with columns: WB2, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8, WRAB, Tennant Creek, 43.31 264 eP, P, 03 43 24.9 -0.8, WRAB, Tennant Creek, 43.31 264 eP, S, 03 43 24.9 -0.8

Table with columns: WRAB, Tennant Creek, 43.31 264 eP, S, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, P, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8

Table with columns: WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, P, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8

Table with columns: WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, P, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8

Table with columns: WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, P, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8

Table with columns: WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, P, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8

Table with columns: WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, P, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8

Table with columns: WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, P, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8

Table with columns: WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, P, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8

Table with columns: WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, P, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8

Table with columns: WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, P, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8

Table with columns: WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, P, 03 43 24.9 -0.8, WRA, Warramunga Arr, 43.31 264 eP, S, 03 43 24.9 -0.8

Table with columns: MAW, comp-Z, 5.0nm, 0.5s, pmax, pmax, MAW, comp-Z, 5.0nm, 0.5s, 79.99 200 P, P, 03 47 24.6 +2.0

Table with columns: MAW, comp-Z, 5.0nm, 0.5s, 79.99 200 P, P, 03 47 24.6 +2.0, WENL, comp-Z, 5.0nm, 0.5s, mb2.2, baz=128, slow=4.3, SNR=20, 80.04 43 P, P, 03 47 23.5 +0.2

Table with columns: P01C, Double 8 Ranch, 80.20 41 P, P, 03 47 24.5 +0.5, S04C, Ingram Canyon, 80.24 43 P, P, 03 47 24.7 +0.4

Table with columns: T05C, Eagle Field D, 80.30 44 P, P, 03 47 25.5 +0.9, O01C, Eel River Cons, 80.33 40 P, P, 03 47 25.6 +0.9

Table with columns: MNRK, McLaughlin Nat, 80.38 41 P, P, 03 47 25.5 +0.5, 109C, Camp Elliot, M, 80.41 49 P, P, 03 47 25.3 0.0

Table with columns: ARV, Arvin, 80.48 46 P, P, 03 47 25.9 +0.2, Q03C, Winters, 80.49 42 P, P, 03 47 26.4 +0.8

Table with columns: KTMG, Kuala Trenggan, 80.57 280 P, P, 03 47 28.0 +1.4, PMSA, Palmer Station, 80.58 157 P, P, 03 47 27.2 +1.6

Table with columns: GASB, Alder Springs, 80.69 41 P, P, 03 47 27.7 +1.1, YES, Alder Springs, 80.72 46 P, P, 03 47 26.4 -0.5

Table with columns: MURC, Murietta, 80.73 48 P, P, 03 47 27.0 0.0, BFSC, Mount Saldy St, 80.77 48 P, P, 03 47 27.0 -0.2

Table with columns: S05C, Merced, 80.78 44 P, P, 03 47 27.1 0.0, RCTC, Rector, Farmer, 80.89 45 P, P, 03 47 27.6 -0.1

Table with columns: MONP, Monument Peak, 80.89 49 P, P, 03 47 28.2 +0.5, EDWJ, Edwards Air Fo, 80.91 47 P, P, 03 47 28.0 +0.1

Table with columns: MDJ, Mudanjing, 80.91 326 P, P, 03 47 27.8 +0.2, MDJ, Mudanjing, 80.91 326 P, P, 03 50 42.8 -1.3, MDJ, Mudanjing, 80.91 326 P, P, 03 56 49.4 +2.1

Table with columns: MDJ, Mudanjing, 80.91 326 P, P, 03 56 49.4 +2.1, MDJ, comp-Z, 19nm, 1.6s, mb4.3, AMB, AMB, MDJ, comp-Z, 45nm, 3.0s, AMB, AMB

Table with columns: MDJ, comp-Z, 45nm, 3.0s, AMB, AMB, O02C, Red Bluff, 80.97 40 P, P, 03 47 29.0 +1.0, T06C, Miller Lake, 80.99 44 P, P, 03 47 28.0 -0.2

Table with columns: DVTC, Desert V Tower, 80.99 50 P, P, 03 47 28.8 +0.5, HABR, Khabarovsk, 80.99 331 eP, P, 03 47 27.2 -0.7

Table with columns: HABR, Khabarovsk, 80.99 331 eP, P, 03 47 27.2 -0.7, HABR, Khabarovsk, 80.99 331 eP, S, 03 50 39.3, HABR, Khabarovsk, 80.99 331 eP, S, 03 56 47.8 -0.1, HABR, Khabarovsk, 80.99 331 eP, S, 04 02 18.8 -2.7

Table with columns: HABR, Khabarovsk, 80.99 331 eP, S, 04 02 18.8 -2.7, SUTB, Sutter Butte, 81.00 42 P, P, 03 47 27.8 -0.3, Q04C, Lincoln, 81.01 42 P, P, 03 47 28.4 +0.1

Table with columns: Q04C, Lincoln, 81.01 42 P, P, 03 47 28.4 +0.1, N02B, Big Bear, 81.06 40 P, P, 03 47 29.1 +0.6, KRMB, Red Mountain, 81.15 39 eP, P, 03 47 29.4 +0.5

Table with columns: KRMB, Red Mountain, 81.15 39 eP, P, 03 47 29.4 +0.5, FRIM, Kepong, 81.15 277 P, P, 03 47 30.0 +0.4, CMB, Columbia Colle, 81.16 43 eP, P, 03 47 28.3 -0.7

Table with columns: CMB, Columbia Colle, 81.16 43 eP, P, 03 47 28.3 -0.7, CMB, Columbia Colle, 81.16 43 eP, P, 03 47 28.3 -0.7, CMB, Columbia Colle, 81.16 43 eP, P, 03 47 28.3 -0.7

Table with columns: CMB, Columbia Colle, 81.16 43 eP, P, 03 47 28.3 -0.7, CMB, Columbia Colle, 81.16 43 eP, P, 03 47 28.3 -0.7, CMB, Columbia Colle, 81.16 43 eP, P, 03 47 28.3 -0.7

Table with columns: ID, Name, Value, Unit, Status, and other details. Includes entries like LHEM Herd Peak, LBCM Butte Creek, BEKR Beckworth, etc.

Table with columns: ID, Name, Value, Unit, Status, and other details. Includes entries like M08A Happy Creek, O09A Fish Creek, R11A Troy Canyon, etc.

Table with columns: ID, Name, Value, Unit, Status, and other details. Includes entries like BJT Baijiatuu, BJT comp=Z,16nm,1.0s, BJI Beijing, etc.



Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like M15A Larsen Ranch, C09A Chrisman Ranch, CTU Camp Tracy, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like BOZ Bozeman (W), BOZ Bozeman (W), A13A Flathead Natio, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like ANTO Ankara, ANTO Ankara, ANTO Ankara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Rotzenmühle, Buzias, Heimansgroes, Kasperske Hory, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Las Melosas, Talagante, Chadas Angostu, etc.

ISCJB 13 04:02:59.1±0.5, 3124S, 002.6951W, 005, h121km, 7km, Error ellipse: s-maj=7.7km s-min=1.1km az=177.5

GUC 13 04:02:59.2±0.7, 3128S, 6993W, h158km, 7km, MD3.8, ML3.8

NEIC 13 04:02:59.2, 3128S, 6993W, h158km, mb3.6/1, MD3.8(GUC), After GUC.

IDC 13 04:02:59.2, 6, 3135S, 6949W, h119km, 16km, mb3.4/1, mb1.3/4, mb1mx3.3/16, mbtm3.3/4, MS3.1/1, Ms1.3/1/1, ms1mx2.6/12, Error ellipse: s-maj=40.9km s-min=28.7km az=101.0

ISC 13 04:03:00.0±0.5, 3124S, 003.6950W, 005, h117km, 7km, n32, c083/50, 10C-7D, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Coronel Fontan, Combarbala, Tololo Astrono, etc.

IDC 13 04:28:04.2±9.5519S, 2825W, h0km, mb3.9/3, mb1.4/1.3, mb1mx3.7/15, mbtm3.9/3, Error ellipse: s-maj=96.5km s-min=37.5km az=6.0, South Sandwich

ISC 13 04:38:50.8±0.4, 3555S, 004.7118W, 006, h97km, 3km, mb4.0/24, Error ellipse: s-maj=9.1km s-min=5.3km az=20.1

GUC 13 04:38:52.1±0.5, 3544S, 7132W, h96km, 2km, MD4.0, ML4.3

NEIC 13 04:38:52.1, 3544S, 7132W, h96km, mb4.1/19, MD4.0(GUC), After GUC.

IDC 13 04:38:52.5±2.1, 3549S, 7097W, h97km, 18km, mb3.7/9, mb1.3/6/13, mb1mx3.7/19, mbtm3.7/13, Error ellipse: s-maj=25.0km s-min=1.5km az=93.0

ISC 13 04:38:51.8±0.4, 3554S, 003.7118W, 006, h91km, 3km, n60, c079/76, mb4.0/24, 8C-7D, Central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Los Niches, San Fernando, Cipreses, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chadas Angostu, Las Melosas, Talagante, etc.

ISCJB 13 05:01:08.8±0.8, 29.10S, 006.6729W, 0.10, h12km, 15km, mb3.6/3, Error ellipse: s-maj=13.9km s-min=9.5km az=178.2

NEIC 13 05:01:09.6±0.5, 29.10S, 6723W, h109km, 8km, Error ellipse: s-maj=10.4km s-min=7.2km az=118.0

IDC 13 05:01:09.5±1.7, 29.13S, 6728W, h106km, 15km, mb3.4/3, mb1.3/2.7, mb1mx3.2/19, mbtm3.2/7, Error ellipse: s-maj=13.9km s-min=9.5km az=118.0

ISC 13 05:01:09.8±0.7, 29.08S, 006.6727W, 009, h106km, 14km, n15, c089/19, mb3.6/3, 1D, La Rioja Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Coronel Fontan, Las Campanas, Copiapo, etc.

ISCJB 13 05:01:08.8±0.8, 29.10S, 006.6729W, 0.10, h12km, 15km, mb3.6/3, Error ellipse: s-maj=13.9km s-min=9.5km az=178.2

NEIC 13 05:01:09.6±0.5, 29.10S, 6723W, h109km, 8km, Error ellipse: s-maj=10.4km s-min=7.2km az=118.0

IDC 13 05:01:09.5±1.7, 29.13S, 6728W, h106km, 15km, mb3.4/3, mb1.3/2.7, mb1mx3.2/19, mbtm3.2/7, Error ellipse: s-maj=13.9km s-min=9.5km az=118.0

ISC 13 05:01:09.8±0.7, 29.08S, 006.6727W, 009, h106km, 14km, n15, c089/19, mb3.6/3, 1D, La Rioja Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Coronel Fontan, Las Campanas, Copiapo, etc.



Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FINES, ARCES, AKASO, MKAR.

NEIC 13 06:43:00.6,3910Sx17401E,h12km,ML4.2(WEL),After WEL

NEIC Felt in the Tarakan area. WEL 13 06:43:00.3-0.2,3907Sx17400E,h12km,ML4.0/51, Error ellipse: s-maj=1.8km s-min=1.2km az=90.0, West coast of North Island

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations across the region.

IDC 13 06:45:48.3-1.9,867Sx12849E,h0km,mb3.7/1,mb1 3.6/5,mb1mx3.5/14,mtbnp3.5/5,ML3.3/4, Error ellipse: s-maj=46.6km s-min=25.6km az=69.0,Timor Sea

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ, WRA, WRA, ASAR, MKAR.

IDC 13 06:46:44.2-2.8,842Sx11836E,h144km,26km,mb3.5/2,mb1 3.5/6,mb1mx3.3/18,mtbnp3.4/6, Error ellipse: s-maj=43.4km s-min=21.5km az=45.0, ISCJB 13 06:46:44.1, 1.8,82Sx01x1107E,02,h188km,16km,mb4.1/3, Error ellipse: s-maj=33.4km s-min=10.2km az=153.7

NEIC 13 06:46:48.2-1.5,818Sx11888E,h174km,13km,mb3.4/2, Error ellipse: s-maj=36.1km s-min=8.9km az=73.0, ISC 13 06:46:45.2-1.7,836Sx010x1185E,02,h157km,15km,n11,az=116/14,mb4.1/3,Sumbawa region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations in the Sumbawa region.

IDC 13 06:50:48.9-2.1,0,2029Sx6833W,h150km,131km,mb3.9/2,mb1 3.4/5,mb1mx3.2/18,mtbnp3.5/5,ML3.8/3, Error ellipse: s-maj=280.7km s-min=40.7km az=20.0, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations in the Chile-Bolivia border region.

SZGRF 13 06:50:57.0,2276Sx17877W,h33km, South of Fiji Islands, ISCJB 13 06:51:58.0, 1.2,2159Sx007x17919W,006,h53km,15km,mb4.3/45, Error ellipse: s-maj=12.0km s-min=6.8km az=148.2

NEIC 13 06:51:59.2-0.9,2154Sx17910W,h546km,11km,mb4.5/29, Error ellipse: s-maj=10.9km s-min=6.1km az=145.0, BUI 13 06:51:59.2,2150Sx17910W,h546km,mb4.6,mb4.5, IDC 13 06:52:06.2-1.1,2162Sx17923W,h63km,24km,mb3.6/13,mb1 3.9/13,mb1mx3.7/16,mtbnp3.6/13, Error ellipse: s-maj=17.0km s-min=11.0km az=164.0

ISC 13 06:51:59.0-1.2,2159Sx007x17915W,006,h538km,14km,h549km,2.7km;p-P,N037,az=659/218,mb4.3/44,86C-7D, Fiji Islands region

Main station list table for the Fiji Islands region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Main station list table for the rest of the region with columns: Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations.

Table with columns: ID, Name, Az, El, Az', El', Phase, ID, Time, Res. Includes entries like 218A Dragon, R12A Pony Springs, H06A Lindquist Farm, etc.

Table with columns: ID, Name, Az, El, Az', El', Phase, ID, Time, Res. Includes entries like F13A Darby, PLCA Paso Flores, HHC Hu-ho-hao-te, etc.

Table with columns: ID, Name, Az, El, Az', El', Phase, ID, Time, Res. Includes entries like WLF Waferdange, WLF Waferdange, WLF Waferdange, etc.

IDC 13 06:59:30.42.2,0935x12698E,h0km,mb3.4/3,mb1 3.7/3, mb1mx3.5/1.5,mbtmp3.4/3,Error ellipse: s-maj=204.2km s-min=25.2km az=66.0, Southern

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

IDC 13 07:04:43.0: 1.4, 3242Nx134.17E, h0km, mb3.7/3, mb1 3.8/4, mb1mx3.5/2.1,mbtmp3.6/4,ML3.3/1, Error ellipse: s-maj=44.6km s-min=27.1km az=82.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like JIE Ise, JWZ Kozaga, JWY Kouya, etc.

ISC 13 07:05:07.4: 0.7, 3400N:137.38E:009,h347km,8km,n18, o0893/23,mb3.1/3,Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like JMW Matsushiro, JAG Ashikaga, JMN Monobe, etc.

FUNV 13 07:11:56.9,674N-7302W,h178km, MW3.5,3D,Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like CAPV Capacho, SGOV Socops, SGOV Socops, etc.

NEIC 13 07:20:19.2,3163Sx7171W,h29km,ML2.8(GUC),After GUC 13 07:20:19.2,0.9,3163S-7171W,h29km,4km,MD3.5, ML2.8,4C-1D,Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like CMCH Combarbala, CMCH Combarbala, CMCH Combarbala, etc.

PTCH Petorca, JAHUEL Jahuel, TLL Tololo Astrono, TLL Tololo Astrono, TLL Tololo Astrono, etc.

PEL Peldehue, PEL Peldehue, RCDM Rinconada Maip, RCDM Rinconada Maip, RCDM Rinconada Maip, etc.

CLCH Cerro Calan, CLCH Cerro Calan, FCH Farellones, FCH Farellones, TACH Talagante, TACH Talagante, etc.

PML Pirque, PML Pirque, LMEH Las Melosas, LMEH Las Melosas, MAN 13 07:40:43,1597N-11988E,h23km,mb3.8,ML2.5,MS2.1, 1C,Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like MAN 13 07:40:43, MAN 13 07:40:43, etc.







109A	baz=41,SNR=14	41.39 326	↑P	P	08 23 17.4	-0.6
J08A	Circle Bar Ran	41.41 325	↑P	P	08 23 17.8	-0.3
D14A	Greenough	41.44 332	↑P	P	08 23 17.8	-0.6
K07A	Rock Creek Ran	41.44 323	↓P	P	08 23 17.8	-0.6
G11A	Walters Elk Ra	41.56 328	↑P	P	08 23 18.5	-0.9
BMO	Blue Mountains	41.73 327	eP	P	08 23 19.3	-1.5
D13A	Huson	41.88 332	eP	P	08 23 21.6	-0.4
G10A	Bishop Farm, J	41.93 328	↓P	P	08 23 20.9	-1.5
E11A	Bogner Ranch,	42.20 330	↑P	P	08 23 23.3	-1.3
G09A	Cove	42.27 327	↑P	P	08 23 24.0	-1.1
J06A	Christmas Vall	42.31 323	↑P	P	08 23 23.9	-1.7
D11A	Klaveno Farm,	42.74 330	↑P	P	08 23 27.8	-1.1
D10A	Wagner Farm, O	43.21 330	↓P	P	08 23 31.4	-1.4
NEW	Newport	43.98 331	eP	P	08 23 56.8	-1.3
D08A	Wollman Farm,	44.04 328	↓P	P	08 23 38.8	-0.6
H04A	Detroit Lake	44.34 324	↓P	P	08 23 40.9	-1.0
H03A	Eugene	44.58 322	↓P	P	08 23 43.1	-0.7
ISCH	Schefferville	45.16 16	P	P	08 23 48.5	-1.1
SCHO	comp=N,4.2nm,0.5s,mb4.5,baz=224,slow=6.1,SNR=24		eP	P	08 24 06.9	-2.0
SCHO	comp=N,4.5nm,0.7s,baz=214,slow=3.8,SNR=2.9		LR	LR	08 41 55.8	
CFAA	Coronel Fontan	47.01 158	P	P	08 24 03.1	0.0
CFAA	comp=N,0.4nm,0.5s,mb3.5,baz=311,slow=5.1,SNR=7.5		P	P	08 25 33.5	-0.7
BDFB	Brasilia	47.26 125	P	P	08 24 04.5	-0.8
BDFB	comp=N,0.3nm,0.9s,baz=324,slow=7.3,SNR=3.5		P	P	08 24 04.5	-0.8
BDFB	comp=N,0.3nm,0.4s,mb4.0,baz=152,slow=25,SNR=4.1		LR	LR	08 47 24.4	
CPUP	Villa Florida	47.79 143	P	P	08 24 07.0	-2.1
YKA	comp=N,1.6nm,0.7s,mb4.0,baz=314,slow=5.1,SNR=3.2		P	P	08 24 53.6	-2.0
YKA	Yellowknife Ar	54.05 344	P	P	08 25 14.0	-1.5
YKA			P	P	08 25 57.3	-2.3
YKA			P	P	08 50 08.6	
YKA	Yellowknife Ar	54.05 344	P	P	08 24 53.6	-2.0
YKA	comp=N,2.2nm,0.6s,mb4.4,baz=139,slow=7.3,SNR=48		eP	P	08 25 14.0	-1.5
YKA	comp=N,1.0nm,0.6s,baz=137,slow=7.6,SNR=4.5		P	P	08 25 57.3	-2.3
YKA	comp=N,0.8nm,0.7s,baz=140,slow=3.8,SNR=6.2		LR	LR	08 50 08.5	
PLCA	comp=N,4.1nm,19.3s,baz=55,slow=3		P	P	08 25 00.5	-0.4
PLCA	Paso Flores	54.74 165	P	P	08 25 00.5	-0.4
PLCA	comp=N,6.2nm,0.8s,mb4.7,baz=351,slow=7.9,SNR=9.6		P	P	08 26 02.0	-0.6
ESDC	comp=N,4.6nm,0.9s,baz=345,slow=5.0,SNR=5.8		P	P	08 27 20.4	-2.6
ESDC	Sonsec Array	76.82 52	P	P	08 27 20.4	-2.6
ESDC	comp=N,1.1nm,0.5s,mb3.8,baz=285,slow=6.5,SNR=7.5		P	P	08 27 20.4	-2.6
ESDC	comp=N,2.2nm,0.7s,baz=281,slow=6.0,SNR=5.4		P	P	08 27 42.6	-1.4
NOA	NORSAR Array B	83.28 29	LR	LR	08 02 17.7	
TORD	Torodi Ar. Bea	85.81 78	LR	LR	09 02 44.6	
GERES	GERESS Array B	87.70 41	LR	LR	09 08 11.2	
KSRs	Korea Array	120.86 328	PKP	PKP	08 34 21.4	-1.8
WMO	Urumqi	140.05 5	eP	PKP	08 34 25.0	-4.1
HHC	Hu-ho-hao-te	124.58 343	ePKP	PKP	08 34 28.4	-1.8
HHC			SKS	SKS	08 38 00.0	
HHC			SKKS	SKKS	08 41 30.1	-5.2
HHC			SKKS	SKKS	08 43 05.0	-3.9
HHC	comp=Z,205nm,7.5s		LR	LR		
TOO	comp=Z,101nm,19.8s		LR	LR		
STKA	Toolangi	127.08 232	eP	PKP	08 34 34.5	-0.5
STKA	comp=Z,40nm,0.6s		P	P	08 34 41.6	-2.0
STKA	comp=Z,3.3nm,0.6s		P	P	08 34 42.4	-1.3
CD2	Chendgu	135.99 347	ePKP	PKP	08 34 51.3	-0.8
GYA	Guiyang	139.44 341	ePDF	P	08 32 09.8	-1.4
GYA			PKP	PKP	08 34 57.4	-1.2
GYA			PP	PP	08 37 55.9	+4.0
ASAR	comp=Z,60nm,7.8s		PKP	PKP		
ASAR	Alice Springs	139.80 248	PKH	PKP	08 34 50.3	
ASAR	comp=Z,1.0nm,0.5s,baz=108,slow=11		PKP	PKP	08 34 58.5	-0.8
WB2	Warramunga Arr	139.83 254	eP	PKP	08 34 43.9	
WRAB	Tennant Creek	139.84 254	ePKP	PKP	08 34 57.7	-1.7
WRA	Warramunga Arr	139.85 254	PKH	PKP	08 34 46.2	
WRA	comp=Z,0.3nm,0.4s,baz=331,slow=14,SNR=15		PKP	PKP	08 34 59.2	-0.2
FORT	Forrest	142.91 235	eP	PKP	08 35 01.3	-3.3
FITZ	Fitzroy Crossi	148.21 255	eP	PKP	08 35 14.8	+0.8
KLBZ	Kellerberrin	150.28 226	eP	PKP	08 35 21.0	-1.2
MUN	Mundaring	151.11 223	eP	PKP	08 35 23.2	-1.0

SJES			eSg	Sg	08 30 38.0	-0.3
GRUS	Gruza	0.65 352	iPg	Pg	08 30 29.4	-0.9
GRUS			eSg	Sg	08 30 39.1	+0.3
IVA	Berane	0.79 242	iPg	Pg	08 30 32.5	-0.4
IVR			eSg	Sg	08 30 41.2	-2.0
SBARS	Barje	0.84 121	iPg	Pg	08 30 31.1	-0.8
BARS			eSg	Sg	08 30 44.9	+0.1
PVY	Plav	0.91 224	iPg	Pg	08 30 35.7	+0.4
PVY			eSg	Sg	08 30 46.5	-0.7
BOLS	Bojjevac	1.00 54	iPg	Pg	08 30 37.0	+0.1
DOLS			eSg	Sg	08 30 49.5	-0.4
DIVS	Divibare	1.05 324	eSg	Sg	08 30 51.7	+0.1
DIVS			eSg	Sg	08 30 51.7	+0.1
SVIS	Svilajnac	1.05 15	iPg	Pg	08 30 38.5	+0.5
SVIS			eSg	Sg	08 30 53.3	+1.6
PLE	Pljevlja	1.06 275	iPg	Pg	08 30 39.7	+1.6
ULC	Ulcinj	1.35 161	iPg	Pg	08 30 52.0	+0.8
SKO	Skopje	1.35 161	iPg	Pg	08 30 43.2	-0.5
SKO	Skopje	1.35 161	ePg	Pg	08 30 43.0	-0.7
SKO			eSg	Sg	08 31 00.2	-1.0
UPM	Unac-Piva	1.41 269	iPg	Pg	08 30 44.0	-0.8
UPM			eSg	Sg	08 31 04.4	+1.3
NIKS	Niksic	1.42 235	iPg	Pg	08 31 02.7	-0.6
NIKS			eSg	Sg	08 30 45.0	-0.4
TKG	Podgorica	1.42 235	iPg	Pg	08 31 02.7	-0.6
TKG			eSg	Sg	08 31 03.5	+0.1
BEO	Beograd	1.58 351	iPg	Pg	08 30 46.0	+0.4
BEO			eSg	Sg	08 31 08.8	+0.1
BUM	Brajici-Budva	1.71 237	iPg	Pg	08 30 50.0	+0.2
BUM			eSg	Sg	08 31 13.6	+0.8
BRY	Bratogost	1.72 259	iPg	Pg	08 30 49.0	-1.6
BRY			eSg	Sg	08 31 13.1	+0.2
ULC	Ulcinj	1.74 223	ePg	Pg	08 30 52.6	+1.5
ULC			eSg	Sg	08 30 52.0	+0.8
STIP	Stip	1.85 147	iPg	Pg	08 30 49.1	+0.1
STIP			eSg	Sg	08 31 17.4	+0.4
STIP			eSg	Sg	08 30 49.0	-0.2
VTS	Vitosh	1.86 110	eSg	Sg	08 30 50.0	+0.6
VTS			eSg	Sg	08 31 13.4	+0.6
VIT	Vitosh	1.86 110	iPg	Pg	08 30 52.0	+0.8
DJES	Djerdap	1.87 40	iPg	Pg	08 30 50.4	+0.9
DJES			eSg	Sg	08 31 12.5	-0.5
HCY	Herceg Novi	1.90 246	iPg	Pg	08 30 54.5	+4.6
HCY			eSg	Sg	08 31 19.0	+5.3
FRS	Fruska Gora	2.05 339	iPg	Pg	08 30 52.2	+0.3
FRS			eSg	Sg	08 30 56.9	-0.4
BZS	Buzias	2.43 13	iPg	Pg	08 31 25.3	-1.6
BZS			eSg	Sg	08 31 25.3	-1.6
BZS	Buzias	2.43 13	iPg	Pg	08 31 56.7	-0.6
CZR	Cura Zlata	2.26 9	iPg	Pg	08 30 59.9	+0.9
BKS	Moragy	3.35 333	iPg	Pg	08 31 10.0	+0.1
BKS	Moragy	3.35 333	iPg	Pg	08 31 10.1	+0.2
PSZ	Miszketeto	4.72 352	iPg	Pg	08 31 29.4	+0.8

NEIC 13 08:36:19.8, 1591N, 9900W, h18km, MD3.9(MEX), After MEX.

MEX 13 08:36:19.8, 0.8, 1591N, 9900W, h18km, 37km, MD3.9, Off coast of Guerrero

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	
PNIG	Pinotepa	0.97	60	Op	ISC	h m s ISC	
PNIG					08 36 34.7	-3.3	
PNIG					08 36 46.7	-3.7	
ACX	Acapulco	1.30	317	iS	Sb	08 36 40.2	-2.8
ACX					08 36 50.4	-5.4	
VHO	Vista Hermosa	2.46	62	iP	Sb	08 36 56.5	-2.6
VHO					08 37 26.1	-2.6	
TPIG	Tehuacan	2.95	32	eP	Sb	08 37 03.5	-2.3
TPIG					08 37 38.6	-2.1	
MZVM	Moragy	3.27	356	iP	Sb	08 37 44.8	-3.9
MZVM					08 37 16.4	+0.7	
IO	Organos	3.67	4	eP	Sb	08 37 56.7	-1.9

IDC 13 08:40:49.4, 46.0, 3224S, -17787E, h0km, mb3.7/3, mb1.3, 9/3, mb1mx3.8/1.0, mbtmp3.7/3, Error ellipse: s-maj=805.2km s-min=150.2km az=99.0, North of New Zealand

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	
STKA	Stephens Creek	30.66	261	P	ISC	h m s ISC	
STKA					08 47 05.8	+0.2	
AR	Alice Springs	39.55	271	P	P	08 48 22.6	+0.4
WRA	Warramunga Arr	40.72	277	P	P	08 48 31.4	-0.5
WRA					0.3nm,0.3s,baz=116,slow=8.0,SNR=22		

MOS 13 08:44:33.1, 1.4, 4278N, -4612E, h39km, mb3.8/1.2, 2C-2D, Error ellipse: s-maj=45.8km s-min=15.9km az=24.3, Eastern Caucasus

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	
SNJR	Sundja	1.00	287	Op	ISC	h m s ISC	
SNJR					08 44 49.0	-1.7	
LACR	Lac	1.34	273	iS	Sb	08 44 59.2	-4.4
LACR					08 45 07.7	+0.4	
LACR					08 45 10.3	-1.6	
TRKR	Terskaya	1.39	314	iS	Pn	08 44 56.5	+0.6
TRKR					08 45 12.0	-1.0	
ARNR	Ardon	1.41	288	iP	Sb	08 44 56.3	0.0
ARNR					08 45 11.2	-2.4	
ZEI	Tsey	1.63	217	iP	Sb	08 45 01.1	+1.8
ZEI					08 45 19.0	-0.1	
PRTR	Prityrechayna	1.66	307	eP	Pn	08 45 01.2	+1.5
PRTR					08 45 19.0	-0.1	
DIGR	Digorskoje uzhe	1.87	275	eP	Pn	08 45 04.3	+1.7
DIGR					08 45 25.5	+0.6	

NIED 13 08:48:00, 3610N, 14210E, h10km, MW4.3 Best double couple: M3.71000, 1015° NP1.9e1, 00000°, 869, 00000°, 1.57, 00000°. NP2=243, 00000°, 839, 00000°, 1.145, 00000°.

BUI 13 08:48:34.4, 3528N, 14292E, h10km, mb4.7, mb4.7, Ms4.2, Ms4.0

IDC 13 08:48:42.5, 0.9, 3609N, 14208E, h0km, mb4.2/1.0, mb1.4, 3/15, mb1mx3.4/2.25, mbtmp4.2/1.5, ML4.1/1.5, MS3.6/5, Ms1.3, 6/5, ms1mx3.2/3.3, Error ellipse: s-maj=22.1km s-min=17.5km az=146.0

NEIC 13 08:48:43.7, 0.9, 3611N, 14212E, h10km, mb4.8/3, MW4.3(NIED), Error ellipse: s-maj=20.3km s-min=10.3km az=151.0

ISCBJ 13 08:48:43.6, 1.4, 3611N, 003.14217E, 005, h25km, 10km, s-min=4.6km az=24.7

JMA 13 08:48:44.6, 0.2, 3611N, 14212E, h68km, 4km, M4.1

MOS 13 08:48:47.5, 0.9, 3649N, 14203E, h33km, mb4.6/1.5, Error ellipse: s-maj=14.2km s-min=7.8km az=110.8

ISC 13 08:48:44.1, 1.5, 3611N, 003.14214E, 005, h16km, 9km, h37km, 1.5km, pp-P, n77, r=1912/89, mb4.3/2.6, MS3.9/6, 12C-2D, Off east coast of Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	
CHOJ	Chosi	1.11	249	Op	ISC	h m s ISC	
CHOJ					08 49 04.5	-0.5	
CHOJ					08 49 18.8	+0.5	
JHO	Hitachi	1.36	292	P	Sb	08 49 07.4	-1.1
JHO					08 49 09.4	-0.5	
JFK	Kawauchi	1.62	321	iP	Sb	08 49 11.3	-0.7
JFK					08 49 30.1	-2.4	
BSO1	Boso 1	1.73	214	P	Pn	08 49 13.2	-0.4
BSO1					08 49 35.1	-0.2	
BSO3	Boso 3	1.86	225				





MKAR Makanchi Array 59.44 327 P P 10 23 59.1 -0.9
ZALV Zalesovo Beam 62.91 335 P P 10 24 21.4 -2.0
TORD Torodi Ar. Bea 122.19 286 PKPdf 10 32 52.4 -0.1

λ.121.00000° - NP2:0.200000°:δ52.00000°:λ62.00000°
Principal axes: T 6.7680, Pig68.0000°, Azm47.0000°; N
-0.7210, Pig121.0000°, Azm219.0000°; P -6.0470.

TOO Toolangi 35.47 232 P P 11 37 43.3 +2.6
TOO Toolangi 35.47 232 P P 11 41 51.5 +3.7
TOO Toolangi 35.47 232 P P 11 42 48.9 +1.4

IDC 13 10:18:40.0±2.0,007N:12680E,h0km,mb3.4/3,mb1 3.7/3,
mb1mx3.4/14,mbtpp3.5/3,Error ellipse: s-maj=171.5km s-min=26.1km az=66.0,Northern
Molucca Sea

BUJ 13 11:26:42.9, 1950S:17930W,h668km,mb5.0,mb5.1
IDC 13 11:26:42.5±0.7, 1957S:17924W,h661km,8km,mb4.6/29,
mb1 4.6/31,mb1mx4.6/31,mbtpp4.6/31,Error ellipse:
s-maj=10.0km s-min=6.7km az=157.0

TAU Tasmania Union 36.44 223 eP P 11 32 56.1 +0.8
TAU Tasmania Union 36.44 223 eP P 11 32 56.0 +0.7
STKA Stephens Creek 37.10 243 P P 11 33 02.3 +1.4

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

CRAAG 13 11:26:43.0, 1928S:17940W,MW5.5
BGS 13 11:26:43.7, 8.9, 1951S:17933W,h670km,mb5.3(NEIC)
ISC 13 11:26:43.7±0.1, 1957S:003:17931W.003,h672km,
h672km,2.7km;p-P,n1354,0668/770,mb5.2/151,
336C-195D,Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek.

IDC 13 10:22:27.9±3.0,2962N:14137E,h0km,mb3.3/2,
mb1 3.5/4,mb1mx3.3/19,mbtpp3.3/4,ML3.2/2,Error
ellipse: s-maj=137.1km s-min=26.5km az=73.0,
Southeast of Honshu

Code Station Name Δ° AZ° Phase ID Time Res ISC
AFI Afiamalu 9.15 53 Op P 11 28 52.4 -3.6
AFI Afiamalu 9.15 53 ePn P 11 28 52.5 -3.5

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include CBIJ Chichi jima, CBIJ Chichi jima, MJAR Matushiro Arr, WRA Warramunga Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include AFI Afiamalu, AFI Afiamalu, RAO Raoul Island, RAO Raoul Island, RAO Raoul Island.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek.

MAN 13 10:37:56, 1271N:12458E,h2km,mb4.2,ML3.0,MS2.8,
1D,Samar

DZM Mont Dzumac 13.55 257 eP P 11 29 10.9 -2.8
DZM Mont Dzumac 13.55 257 eP P 11 29 10.9 -2.8

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include CNP Catarman, PVPC Vitrac, BESP Borongan.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

IDC 13 10:42:34.8±2.2,984S:15737E,h0km,mb4.0/4,mb1 4.1/4,
mb1mx3.8/12,mbtpp4.0/4,MS3.6/2,Ms1 3.6/2,
ms1mx3.0/16,Error ellipse: s-maj=68.4km
s-min=30.0km az=115.0,Bougainville - Solomon
Islands region

Code Station Name Δ° AZ° Phase ID Time Res ISC
WRA Warramunga Arr 24.39 243 Op P 10 47 53.5 -1.5
ASAR Alice Springs 26.29 326 P P 10 48 12.6 +0.3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, GUMO Guam, URZ Urewera, SONMG Songoing Array, AKASG Malin Array Be.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include URZ Urewera, URZ Urewera, URZ Urewera, URZ Urewera, URZ Urewera.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

ISCJB 13 10:54:37.9±0.7,3957N:004:4020E,004,h0km,7km,
Error ellipse: s-maj=6.6km s-min=5.0km az=151.6
CSEM 13 10:54:37.6±0.3,3960N:4015E,h5km,MD3.0,Error
ellipse: s-maj=8.6km s-min=6.0km az=92.0
ISK 13 10:54:37.8,3959N:4013E,h5km,MD3.0
DDA 13 10:54:39.2,3953N:4020E,h7km,7km,MD2.9
ISC 13 10:54:38.3±0.5,3958N:004:4020E,004,h9km,7km,n14,
e1900/20,Turkey

HNR Honiara 22.44 294 eP P 11 30 55.1 -1.4
HNR Honiara 22.44 294 eP P 11 30 55.3 -0.2

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include EZZ Erzincan, KOPT Kopt Dag, BINT Bintl, BPTK Bertek, PTM PTK, EZM Erzurum, ERZM Erzurum, ERZM Erzurum, BNGL BINGOL, ENGL ENGL, GUMT Gumushane, ELZG Elazig, ELZG Elazig, ELZG Elazig, ESPY Espiye-Giresun, MYA Malatya, MALT Malatya, SVSK Karacayir.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include HNR Honiara, HNR Honiara, HNR Honiara, HNR Honiara, HNR Honiara.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

GII 13 11:17:48.2±1.4,3394N:3641E,h0km,ML2.0/1
GRAL 13 11:17:49.2±0.7,3375N:3675E,h0km,360km,MD3.2
ISC 13 11:17:47.5±1.8,3383N:005:368E,01,h0km,n12,
e1508/18,Jordan - Syria region

Code Station Name Δ° AZ° Phase ID Time Res ISC
PAE Paea 28.23 91 eP P 11 31 46.2 -1.0
PAE Paea 28.23 91 eP P 11 31 46.2 -1.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include HWQ Hawqa, HWQ Hawqa, RCY Rachaya, BHL Bhannes, KSDI Kefar Szold, KSDI Kefar Szold, MATL Matirih, MMAO Mount Meron ar, MMAO Mount Meron ar, MMC6 Mount Meron ar, MMC6 Mount Meron ar, HNTI Hanita, HNTI Hanita, MMLI Mount Malkishu, MMLI Mount Malkishu, HMDT Nahal Hemdat, SLTI Salit.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include PAE Paea, PAE Paea, PPT Papeete, PPT Papeete, WHZ Wether Hill Ro, WHZ Wether Hill Ro, ARMA Armada, TVO Taravao, MEH Mehetia, PMOR Pomarioro Ree.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

SZGRF 13 11:25:26.7,2197S:17849W,h690km,Fiji Islands region
MOS 13 11:26:40.6±0.8,1938S:17930W,h650km,mb5.4/30,
MS4.4/4,Error ellipse: s-maj=8.7km s-min=6.6km az=54.1
NEIC 13 11:26:42.9±0.1, 1951S:17933W,mb5.3/14,MW5.8,
Error ellipse: s-maj=5.1km s-min=3.0km az=128.0,
Moment Tensor Solution. s36 Moment tensor: Scale
10^17Nm; Mr=6.05; Mw=1.62; Mb=4.42; Mo=9.3; Ms=1.90;
Mr=2.83; Best double couple: Mb6.40000x10^17 NP1:
0±190.00000°,δ57.00000°,λ73.00000°. Principal axes: T
6.9900, Pig72.0000°, Azm58.0000°; N -1.2000,
Pig14.0000°, Azm200000°; P -5.7900, Pig11.0000°,
Azm292.0000°
GCMT 13 11:26:42.9±0.2, 1958S:17903W,h695km,1km,
MW5.8/105, Moment Tensor Solution. s105,ct025;
s53,c53; Duration: 2s0 Moment tensor: Scale 10^17Nm;
Mr=5.3; Mw=2.42; Mb=1.2; Mo=3.1; Ms=1.5;
Mr=3.12; Mo=2.11; Best double couple:
Mb6.40700x10^17 NP1:0±61.00000°,δ46.00000°.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

AKUT	Akutan	74.32	8	eP	P	11 37 12.6	-2.3
YSS	Yuzh-Sakhalins	74.52	334	iP	P	11 37 16.0	-0.2
YSS				/S	S	11 46 00.0	+0.6
YSS				eSSS	S	11 46 22.0	0
YSS				pmax	pmax	11 54 32.0	0
YSS	comp=Z,60nm,0.6s,mb5.3						
YSS	comp=Z,500nm,4.0s						
YSS	comp=N,2um,8.0s						
YSS	Yuzh-Sakhalins	74.52	334	eP	P	11 37 16.6	+0.4
PET	comp=N,52nm,0.5s,mb5.3						
PET	Petrovavlovsk	74.77	346	eS	S	11 37 16.1	-1.4
PET				eSS	S	11 46 01.6	-0.3
PET				eSSS	S	11 54 30.1	0
PET	comp=Z,34nm,0.6s,mb5.0						
PET	comp=Z,100nm,12.4s						
PET	comp=E,21nm,0.5s						
PET	comp=N,16nm,0.4s						
PET	Petrovavlovsk	74.77	346	eP	P	11 37 15.8	-1.6
QZH	comp=Z,152nm,1.4s,mb5.3						
QZH	Quanzhou	74.77	304	P	S	11 37 18.4	-0.3
QZH				S	S	11 46 04.3	+0.2
QZH				AMB	AMB		
KSRS	comp=Z,90nm,0.8s,mb5.3						
KSRS	Korea Array	75.38	319	P	P	11 37 21.6	+0.4
SSE	comp=Z,15nm,0.8s,mb4.5,baz=129,slow=6.5,SNR=36						
SSE	Sheshan	76.15	310	P	P	11 37 25.4	-0.2
SSE				AP	PP	11 39 41.6	+0.4
SSE				PP	PP	11 40 26.8	-3.4
SSE				S	S	11 46 13.5	-4.0
SSE				SCS	ScS	11 46 37.9	-2.3
SSE				XS	sS	11 50 12.4	-6.6
SSE				AMB	AMB		
SSE	comp=Z,38nm,0.9s,mb4.9						
SDPT	comp=Z,71nm,3.8s						
SDPT	Sand Point	76.33	11	eP	P	11 37 24.5	-1.4
CHGN	comp=Z,97nm,0.5s,mb5.6						
CHGN	Chignik	77.61	12	eP	P	11 37 31.7	-1.1
FARB	Farallon Islan	77.75	42	iP	P	11 37 34.1	0.0
V03C	baz=78,SNR=5.3						
HAST	Hunter Liggett	77.92	45	iP	P	11 37 35.5	+0.5
V03C	Hastings Reser	77.92	44	iP	P	11 37 35.5	+0.4
V04C	baz=78,SNR=5.7						
V04C	Ramage Ranch,	77.94	45	iP	P	11 37 35.6	+0.5
BNLO	Ben Lomond (Sa	77.95	43	iP	P	11 37 35.2	+0.1
SBC	Santa Barbara	78.06	47	iP	P	11 37 35.8	0.0
JRSC	Jasper Ridge	78.07	43	iP	P	11 37 35.7	0.0
SAO	San Andreas Ge	78.21	44	eP	P	11 37 36.5	0.0
SAO				pmax	pmax		
SAO	comp=Z,103nm,1.1s,mb5.3						
SAO	San Andreas Ge	78.21	44	eP	P	11 37 36.5	0.0
SAO	comp=Z,103nm,1.1s,mb5.3						
MYKOM	Kota Tinggi	78.21	276	iP	P	11 37 38.1	+1.0
PKM	Peak Mountain	78.24	46	iP	P	11 37 37.2	+0.4
NJ2	Nanjing	78.34	310	eP	P	11 37 37.8	+0.5
NJ2				PCP	PCP	11 37 44.3	+0.7
NJ2				PP	PP	11 40 45.5	-2.7
NJ2				XP	sP	11 40 56.0	-5.5
NJ2				S	S	11 46 43.5	+3.1
NJ2				AMB	AMB		
NJ2	comp=Z,60nm,1.0s,mb5.1						
PKD	Parkfield	78.34	45	iP	P	11 37 37.2	-0.1
SMMC	Simmler	78.35	46	iP	P	11 37 37.6	+0.0
PTRM	Twisselman Ran	78.40	46	eP	P	11 37 37.5	0.0
U04C	Hernandez Rese	78.42	45	iP	P	11 37 38.3	+0.7
PACP	Pacheco Peak	78.45	44	iP	P	11 37 38.4	+0.6
CVS	Carment Viney	78.48	42	iP	P	11 37 37.7	-0.2
HOPS	Hopland	78.48	41	eP	P	11 37 38.2	+0.3
HOPS	comp=Z,167nm,1.4s,mb5.4						
HOPS	Hopland	78.48	41	iP	P	11 37 38.1	+0.2
NSHM	Saint Helena R	78.49	42	eP	P	11 37 38.3	+0.3
WENL	Wente Brothers	78.51	43	iP	P	11 37 38.4	+0.4
KPCM	Canto Peak	78.58	41	eP	P	11 37 39.1	+0.7
P01C	Double 8 Ranch	78.60	41	iP	P	11 37 38.2	-0.3
BDM	Black Diamond	78.63	43	iP	P	11 37 39.0	+0.3
FMP	Fort Macarthur	78.64	48	iP	P	11 37 38.9	0.0
S04C	Ingram Canyon,	78.72	43	iP	P	11 37 39.5	+0.3
V05C	Boulder Hill,	78.72	45	iP	P	11 37 40.1	+0.9
KGM	Kluang	78.79	276	iP	P	11 37 41.1	+0.9
T05C	Eagle Field, D	78.79	44	iP	P	11 37 40.4	+0.8
MNRC	McLaughlin Nat	78.81	42	iP	P	11 37 40.2	+0.6
OSI	Osito Adit	78.83	47	iP	P	11 37 39.7	-0.1
U05C	Westside ANR,	78.84	45	iP	P	11 37 40.4	+0.5
DECC	Green Verdugo	78.91	48	iP	P	11 37 39.8	-0.5
Q03C	Winters	78.93	42	iP	P	11 37 41.2	+0.9
JCC	Jacoby Creek	79.00	39	iP	P	11 37 40.9	+0.3
HABR	Khabarovsk	79.03	331	iP	P	11 37 39.8	-0.8
HABR				e	S	11 37 44.4	0
HABR				eS	S	11 46 45.9	-0.9
HABR				eSS	SS	11 52 12.6	-1.8
HABR				pmax	pmax		
ARVC	Arvin	79.04	47	iP	P	11 37 40.8	-0.1
109C	Camp Elliot, M	79.05	49	iP	P	11 37 40.7	-0.3
MDJ	Mudanjiang	79.06	326	P	P	11 37 41.3	+0.5
MDJ				AP	PP	11 39 57.9	-0.1
MDJ				PP	PP	11 40 53.3	-0.4
MDJ				XP	sP	11 41 02.5	-2.8
MDJ				S	S	11 46 48.9	+1.8
MDJ				SCS	ScS	11 47 03.9	+0.6
MDJ	comp=Z,38nm,0.9s,mb4.9						
MDJ	comp=Z,157nm,6.5s						
MDJ	Mudanjiang	79.06	326	eP	P	11 37 40.9	+0.2
MWC	Mount Wilson	79.09	48	eP	P	11 37 41.1	-0.1
MWC				pmax	pmax		
MWC	comp=Z,130nm,1.3s,mb5.3						
MWC	Mount Wilson	79.09	48	eP	P	11 37 41.1	-0.1
GASB	Alder Springs	79.10	41	iP	P	11 37 42.2	+1.1
BHMR	Horse Mountain	79.22	40	eP	P	11 37 42.6	+0.9
KHAM	Barrett	79.25	50	eP	P	11 37 42.0	-0.1
VES	Vestal, Richgr	79.26	46	iP	P	11 37 41.6	-0.5
S05C	Merced	79.28	44	iP	P	11 37 41.6	-0.5
QIZ	Qiongzong	79.35	295	P	P	11 37 43.5	+0.6
QIZ				XP	sP	11 41 03.0	-4.5
QIZ				S	S	11 46 49.1	-2.1
QIZ				SCS	ScS	11 47 07.5	+0.7
QIZ				XS	sS	11 50 56.9	+1.3
QIZ	comp=Z,43nm,2.1s,mb4.6						
QIZ	comp=Z,285nm,2.6s,mb5.3						

MURC	Murrieta	79.36	49	iP	P	11 37 42.4	-0.3
O02C	Red Bluff	79.37	41	iP	P	11 37 43.0	+0.5
BFSC	Mount Blue St	79.37	48	iP	P	11 37 42.3	-0.4
R04C	Big Horse Ranc	79.40	43	iP	P	11 37 42.2	-0.6
RCTC	Reactor, Farmer	79.42	45	iP	P	11 37 42.1	-0.8
SUTB	Sutter Butte	79.43	42	iP	P	11 37 42.4	-0.4
N02C	Big Bar	79.44	40	iP	P	11 37 43.1	+0.3
Q04C	Lincoln	79.46	42	iP	P	11 37 42.9	-0.2
EDW2	Edwards Air Fo	79.49	47	iP	P	11 37 43.2	0.0
T06C	Millerton Lake	79.49	45	iP	P	11 37 43.1	-0.1
KRMB	Red Mountain	79.51	39	eP	P	11 37 43.9	+0.6
MONP	Monument Peak	79.54	50	iP	P	11 37 43.9	+0.3
M01C	Crescent City	79.58	39	iP	P	11 37 43.8	+0.2
CMB	Columbia Colle	79.63	43	eP	P	11 37 43.9	0.0
CMB	comp=Z,61nm,0.9s,mb5.0						
CMB	Colmbia Colle	79.63	43	iP	P	11 37 43.9	-0.1
DVTC	Desert V Tower	79.65	50	iP	P	11 37 44.7	+0.5
OHCM	Honcut	79.68	42	eP	P	11 37 43.9	-0.2
O03C	Acorn Hollow,	79.72	41	iP	P	11 37 44.4	0.0
KBO	Bosley Butte	79.74	38	eP	P	11 37 37.0	-7.4
WDC	Whiskeytown Da	79.76	40	eP	P	11 37 44.7	+0.1
WDC	Whiskeytown Da	79.76	40	eP	P	11 37 44.8	+0.3
HELL	Mitchell Peak	79.77	45	iP	P	11 37 44.2	-0.5
ORV	Oroville	79.80	42	iP	P	11 37 44.6	-0.2
LAVA	Lava Cap Winer	79.81	43	iP	P	11 37 44.8	-0.1
PFO	Pinyon Flat Ob	79.89	49	eP	P	11 37 45.3	-0.1
PFO	comp=Z,166nm,1.4s,mb5.3,SNR=8.0						
PFO	Pinyon Flat Ob	79.89	49	eP	P	11 37 45.3	-0.1
PFO	comp=Z,36nm,1.2s,mb4.7						
PFO	Pinyon Flat Ob	79.89	49	eP	P	11 37 45.5	0.0
PFO	comp=Z,12nm,0.8s,mb4.2,baz=259,slow=4.7,SNR=22						
PFO	Pinyon Flat Ob	79.89	49	iP	P	11 37 45.4	0.0
S06C	San Francisco	79.89	44	iP	P	11 37 45.1	-0.2
BBRC	Big Bear Sol-O	79.90	48	iP	P	11 37 45.1	-0.4
KCC	Kaiser Creek	79.93	45	iP	P	11 37 45.5	0.0
K01A	Sices	79.97	38	iP	P	11 37 46.0	+0.4
LRMC	Laurel Mountai	80.02	47	iP	P	11 37 46.3	+0.3
SWSC	Sam W. Stewart	80.02	50	P	P	11 37 46.3	+0.2
M02C	Callahan	80.06	40	iP	P	11 37 47.0	+0.9
KTRM	Butte, SNR=35	80.06	39	P	P	11 37 47.1	+1.0
L02A	Thompson Ridge	80.08	39	iP	P	11 37 46.5	+0.5
KEBM	Educa Butte	80.09	38	eP	P	11 37 47.0	+0.8
KTGM	Kula Trenggan	80.12	279	iP	P	11 37 47.6	+0.6
RRX	Edison Barstow	80.17	48	iP	P	11 37 46.9	+0.1
R05C	Kirkwood Meado	80.21	43	iP	P	11 37 47.3	+0.3
DL2	Dalian	80.21	317	P	S	11 37 47.0	+0.1
DL2				S	S	11 47 00.3	+1.1
DL2				AMB	AMB		
KDAD	Kodiak Island	80.21	14	P	P	11 37 45.0	-1.5
KDAD	comp=Z,476nm,0.9s,mb5.9,SNR=33						
KDAD	Kodiak Island	80.21	14	eP	P	11 37 45.6	-0.9
KDAD	comp=Z,79nm,0.9s,mb5.1						
KDAD	Kodiak Island	80.21	14	P	P	11 37 45.3	-1.2
P05C	Yuba Gap, Truc	80.21	42	iP	P	11 37 47.4	+0.4
CWC	Cottonwood Cre	80.27	46	P	P	11 37 47.5	+0.2
YBH	Yreka Blue Hor	80.35	39	eP	P	11 37 48.1	+0.5
YBH	comp=Z,140nm,1.3s						
YBH	Yreka Blue Hor	80.35	39	eP	P	11 37 48.1	+0.6
YBH	comp=Z,141nm,1.3s,mb5.2						
YBH	Yreka Blue Hor	80.35	39	P	P	11 37 48.1	+0.5
YBH	comp=Z,39nm,0.5s,mb5.0,baz=196,slow=2.0,SNR=242						
YBH	Yreka Blue Hor	80.35	39	P	P	11 37 48.2	+0.6
O05C	Quincy	80.40	42	iP	P	11 37 48.1	+0.2
BELC	Belle Mtn.	80.42	49	iP	P	11 37 48.4	+0.3
MLAC	Mammoth Lakes	80.42	44	iP	P	11 37 48.7	+0.7
M03C	Mictoud	80.43	40	P	P	11 37 48.4	+0.4
MTUM	Tungsten Hills	80.44	45	eP	P	11 37 48.6	+0.4
MPMC	Manual Prospect	80.47	46	iP	P	11 37 48.5	+0.2
O04C</							









ISP	Isparta	148.33 311	eP	PKPbc	11 45 15.3	-1.5	KBA	comp=Z,45nm,0.5s		PKPbc	11 45 20.8	-1.2	MFF	Saint Martin d	153.03	1	ePKIKP	PKPdf	11 45 17.7	-1.5		
ISP	Isparta	148.33 311	ePKPdf	PKPbc	11 45 16.2	+0.2	DIVS	Divinare	150.70 331	eP	PKPbc	11 45 21.7	-0.5	AGG	Agios Georgios	153.07 321	eP	PKPbc	11 45 25.8	-1.8		
ISP	Isparta	148.33 311	ePKPbc	PKPbc	11 45 15.6	-1.3	URLA	Izmir	150.76 315	iP	PKPbc	11 45 21.4	-1.2	LAST	Lasithi	153.16 310	eP	PKPbc	11 45 27.5	-0.4		
HOR	Horta	148.37 47	ePKP	PKPbc	11 45 17.3	+0.4	Krupnik		150.76 324	iP	PKPbc	11 45 14.3	-1.7	MSTV	Moskov	153.21 323	eP	PKPbc	11 45 27.7	-0.1		
HDX	Exmoor	148.37	5/iP	PKPbc	11 45 15.4	-1.0	Spaichingen-Ko		150.73 349	PKP	PKPbc	11 45 15.1	0.8	LEST	Lesvos	153.30 318	eP	PKPbc	11 45 26.7	-1.5		
HTL	Hartland	148.38	6	eP	PKPbc	11 45 17.8	-1.3	OBKA	Obir	150.82 340	iP	PKPbc	11 45 21.0	-1.4	TCF	Toulx Ste Croi	153.33 358	ePKIKP	PKPdf	11 45 18.4	-1.3	
	comp=Z,168nm,1.5s		Amb	AMB	11 45 17.8		OBKA	Obir	150.82 340	iP/IKPpdf	PKPdf	11 45 15.5	-0.5	DID	Didima	153.44 317	eP	PKPbc	11 45 26.0	-2.5		
JMB	Yambol	148.39 322	eP	PKPbc	11 45 16.3	-0.5	OBKA	Obir	150.82 340	iP/IKPbc	PKPbc	11 45 21.0	-1.4	PLOF	Saira Agoulin	153.56 356	PKP	PKPbc	11 45 19.4	-0.8		
JMB	Yambol	148.39 322	eP	PKPbc	11 45 11.0	-1.3	BDRM	Kayabasi	150.85 312	iP	PKPbc	11 45 21.6	-1.2	LPL	La Plagne	153.65 350	ePKIKP	PKPbc	11 45 19.5	-0.6		
BUD	Budapest	148.41 336	ePKP	PKPbc	11 45 15.9	+0.8	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	LP	La Plagne	153.66 350	ePKIKP	PKPbc	11 45 19.5	-0.7	
SWK	Warminsten	148.41	41	eP	PKPbc	11 45 15.4	-1.2	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	SIVA	Sivas	153.71 311	eP	PKPbc	11 45 28.6	-0.4
GZR	Gura Zlata	148.42 330	iP	PKPbc	11 45 16.1	-0.7	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	PYM	Puy Mans	153.82 356	PKP	PKPbc	11 45 19.8	-0.8	
BCK	Bucak	148.44 311	eP	PKPbc	11 45 14.6	+2.0	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	IGT	Igoumeitsa	153.88 324	eP	PKPbc	11 45 27.9	-1.4	
GDZ	Gezid	148.45 314	iP	PKPbc	11 45 16.2	-0.8	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	GSC	Gosciola	153.95 344	PKP	PKPbc	11 45 20.4	-0.4	
ROT	Rotzenmuhle	148.50 346	ePKPbc	PKPbc	11 45 16.4	-0.4	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	FNDV	Fontana Vidola	153.97 343	PKP	PKPbc	11 45 19.7	-1.1	
ZST	Bratislava	148.50 339	eP	PKPbc	11 45 11.9	0.0	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	CING	Cingoli	154.04 339	PKP	PKPbc	11 45 19.7	-1.1	
PICO	Pico	148.52	47	ePKP	PKPbc	11 45 17.3	0.0	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	CDM	Grand Maison	154.04 351	PKP	PKPbc	11 45 19.5	-1.2
SRBC	Serra Branca	148.52	46	ePKP	PKPbc	11 45 17.0	-0.3	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	GRN	Greenoble	154.06 352	PKP	PKPbc	11 45 19.6	-1.1
TF01	Folkstone	148.52	359	eP	PKPbc	11 45 16.3	-0.5	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5
ROSA	Rosais	148.54	46	ePKP	PKPbc	11 45 17.0	-0.3	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5
PGR4	Gratosia	148.57	46	ePKP	PKPbc	11 45 17.1	-0.3	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5
BEBN	Eben Emael	148.59 354	PKPbc	PKPbc	11 45 16.3	-0.7	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
BEBN	Eben Emael	148.59 354	PKPbc	PKPbc	11 45 22.3	-1.2	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
HGB	Heimansgroeve	148.60 354	ePKP	PKPbc	11 45 16.3	-0.7	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
EDRN	Edirne	148.68 321	eP	PKPbc	11 45 15.8	-1.7	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
CRAR	CRAIOVA	148.69 327	PKP2	PKPbc	11 45 17.6	+0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
PMAN	Manadas	148.69 47	ePKP	PKPbc	11 45 17.4	-0.3	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
UCC	Uccle	148.71 356	PKP	PKPbc	11 45 11.4	-1.2	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
UCC	Uccle	148.71 356	PKP	PKPbc	11 45 16.6	-0.7	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45 17.3	-0.1	FLN	La Foliniere	150.86	2	ePKIKP	PKPbc	11 45 14.8	-1.2	BNI	Bardonecchia	154.11 350	ePKPbc	PKPbc	11 45 20.3	-0.5	
KHC	Kasperske Hory	148.74 344	ePKPbc	PKPbc	11 45																	



Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Malin Array Be, Malin Array Si, Kiev, Bodaibo, Joensuu, etc.

WEL 13 12:50:36.0, 3.4538S, -16718E, h97km, 2km, ML3.5/9, Error ellipse: s-maj=2.4km s-min=1.2km az=90.0, South Island

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Deep Cove, Mavora Lakes, Wether Hill, etc.

MOS 13 12:54:29.7, 0.9, 5459N; 161 20W, h36km, mb5.1/57, Error ellipse: s-maj=9.2km s-min=4.4km az=87.3

BUL 13 12:54:31.4, 5495N; 161 69W, h40km, mb5.0, mb5.1, Ms4.7, Ms2.4

ISC/JB 13 12:54:32.7, 0.1, 5462N, 003; 161 21W, 003, h61km, mb4.8/143, Error ellipse: s-maj=4.0km s-min=1.9km az=15.4

SZGRF 13 12:54:33.5, 5473N; 161 09W, h33km, mb4.8, Alaska Peninsula, United States

IDC 13 12:54:34.0, 3.0, 5467N; 161 29W, h60km, 26km, mb4.3/20, mb1.4/22, mb1mx4.4/25, mbmp4.3/22, ML4.1/2, MS3.5/14, Ms1.3/14, ms1mx3.3/37, Error ellipse: s-maj=18.8km s-min=11.1km az=8.0

NEIC 13 12:54:34.2, 0.2, 5456N; 161 17W, mb4.8/84, ML4.5(PMR), ML2.3(AEIC), Error ellipse: s-maj=4.7km s-min=2.7km az=179.0

BGS 13 12:54:39.2, 1.8, 5485N; 160 50W, h66km, mb5.0, ISC 13 12:54:34.0, 1.1, 5464N, 003; 161 24W, 003, h63km, h63km, 1.6km, p-P, N546, c0878/545, mb4.8/143, 96C-80D, Alaska Peninsula

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Sand Point, False Pass, Chignik, Akutan, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like Tolt Reservoir, Enumclaw, Ashcroft, Randle, Magadan, etc.







Table with 4 columns: Station Name, Frequency, Power, and other parameters. Includes stations like LBTB, BOS, etc.

IDC 13 13:20.0.0.2, 1.2181N, 14324E, h0km, mb3.7/7, m1 3.8/8, mb1mx3.7/19, mbtmp3.7/8, ML3.6/1, Error ellipse: s-maj=43.9km s-min=19.3km az=82.0, Mariana Islands region

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like CBIJ, KSR5, SONM, etc.

IDC 13 13:25:07.5:1.2, 4127S, 17364E, h68km, 11km, mb4.4/8, m1 4.5/10, mb1mx4.4/14, mbtmp4.5/10, MS3.0/1, Ms1 3.0/1, ms1mx2.8/14, Error ellipse: s-maj=19.7km s-min=8.2km az=128.0

ISCJB 13 13:25:09.0:0.2, 4131S, 002.17535E, 0.04, h94km, 2km, mb4.8/23, Error ellipse: s-maj=5.4km s-min=2.9km az=83.8

WEL 13 13:25:10.6:0.2, 4124S, 17354E, h91km, 1km, ML5.4/25, Error ellipse: s-maj=1.6km s-min=1.1km az=0.0

WEL Felt from Manawatu to Canterbury, maximum reported intensity MM 5.

NEIC 13 13:25:10.8, 4125S, 17355E, h90km, mb5.0/11, ML5.4(WEL), After WEL.

NEIC Felt throughout central New Zealand.

BUI 13 13:25:13.3, 4038S, 17286E, h90km, mb5.4, mb5.1, Ms2.2, Ms2.7

ISC 13 13:25:10.0:0.2, 4131S, 002.17354E, 0.04, h89km, 2km, h109km, 3.6km, p-P, n210, n1, f103/206, mb4.8/23, 2C-1D, South Island

Large table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations across the South Island.

Table with 10 columns: Station Name, Frequency, Power, and other parameters. Includes stations like RATZ, RATZ, RPZ, etc.

Table with 10 columns: Station Name, Frequency, Power, and other parameters. Includes stations like URZ, URZ, MARZ, etc.

Table with 10 columns: Station Name, Frequency, Power, and other parameters. Includes stations like ARMA, ARMA, TOO, etc.

Table with 10 columns: Station Name, Frequency, Power, and other parameters. Includes stations like KASK, KASK, FITZ, etc.

Table with 10 columns: Station Name, Frequency, Power, and other parameters. Includes stations like CD2, HHC, HHC, etc.

Table with 10 columns: Station Name, Frequency, Power, and other parameters. Includes stations like ARCES, ARCES, KEV, etc.

Table with 10 columns: Station Name, Frequency, Power, and other parameters. Includes stations like TOAO, TOAO, TORO, etc.

Table with 10 columns: Station Name, Frequency, Power, and other parameters. Includes stations like RAR, RAR, RAR, etc.

Table with 10 columns: Station Name, Frequency, Power, and other parameters. Includes stations like DZM, DZM, WRA, etc.

ISCJB 13 13:41:36.7:0.4, 2343N, 16951E, h0km, mb3.5/2, m1 3.8/2, mb1mx3.5/11, mbtmp3.5/2, Error ellipse: s-maj=216.0km s-min=75.9km az=155.0, Vanuatu Islands

IDC 13 13:41:38.2:1.1, 2341N, 17019E, h0km, s-maj=6.8, mb1 3.7/8, mb1mx3.2/2, mbtmp3.6/8, Error ellipse: s-maj=29.8km s-min=25.7km az=60.0

NDI 13 13:41:40.3:2.6, 2337N, 7040E, h10km, ML4.0

ISC 13 13:41:38.0:0.4, 2340N, 003.7055E, 0.03, h10km, n34, c159/46, mb3.6/8, 1C, Southern India



13d 17h

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like INTR, POFI, TERO, AQU, etc.

NEIC 13 15:27:42.0, 3316Sx7000W, h12km, ML3.1 (GUC), After GUC.

GUC 13 15:27:42.0, 5.5, 3316Sx7000W, h12km, 2km, MD3.9, ML3.1, 8C-7D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like FCH, CLCH, DSCH, etc.

IDC 13 15:50:06.8, 2.1, 506N-12536E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.4/16, mbtmp3.4/3, Error ellipse: s-maj=191.8km s-min=24.6km az=65.0, Mindanao

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

MEX 13 16:02:32.8, 0.4, 1931N-10392W, h24km, 20km, MD3.9, Jalisco

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like MMIG, SFJM, ANIG, etc.

ISCJB 13 16:02:56.2, 0.8, 3603N-10375W, h10km, Error ellipse: s-maj=8.4km s-min=4.8km az=24.0

MDD 13 16:02:56.5, 2.1, 3596N-1093W, h0km, mb1.0, 1.8, Error ellipse: s-maj=26.3km s-min=9.2km az=111.0, PRXIMO

NEIC 13 16:02:58.3, 3624N-1094W, h0km, MN3.0 (MDD), After MDD.

CSEM 13 16:02:59.4, 0.4, 3575N-1036W, h10km, ML3.0, Error ellipse: s-maj=9.9km s-min=2.7km az=114.0

INMG 13 16:02:59.6, 0.8, 3623N-1090W, h0km, 26km, ML2.5, Error ellipse: s-maj=28.2km s-min=4.1km az=58.0

CNRM 13 16:02:59.9, 3603N-1061W, h10km, MD3.8

ISC 13 16:02:57.3, 0.8, 3612N-1084W, h0km, h10km, n43, az=135/76, Azores-Cape St Vincent Ridge

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like PFVI, MORF, PTEO, etc.

2007 MAY

Main table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like PTEO, PBDV, PVAQ, EGRO, etc.

IDC 13 16:20:23.3, 3.4, 406S-15265E, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.5/12, mbtmp3.6/2, Error ellipse: s-maj=143.3km s-min=47.2km az=119.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like WB2, WRA, ASAR, FITZ, TORO, etc.

NIED 13 16:46:00, 4690N-15310E, h23km, Mw3.8 Best double couple: M5.50000-1014 NP1.217-00000, 877.00000, -165.00000, NP2.36124-00000, 876.00000, -14.00000

ISCJB 13 16:47:00.8, 1.5, 470N-011528E, h2, h63km, 14km, mb3.7/8, Error ellipse: s-maj=26.3km s-min=11.3km az=135.4

MOS 13 16:47:01.7, 1.2, 4707N-15275E, h70km, mb4.0/6, Error ellipse: s-maj=24.5km s-min=13.5km az=65.1

NEIC 13 16:47:03.0, 3.0, 4698N-15287E, h63km, 29km, mb4.5/1, Error ellipse: s-maj=19.14km s-min=14.4km az=108.0

IDC 13 16:47:03.9, 4.3, 4688N-15289E, h79km, 40km, mb3.4/9, mb1 3.6/11, mb1mx3.4/23, mbtmp3.4/11, ML3.4/2, MS2.9/2, Ms1 2.9/2, ms1mx2.4/25, Error ellipse: s-maj=27.2km

438

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

IDC 17 14:54.6, 1.2, 937S-15881E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.8/12, mbtmp3.8/4, MS3.2/1, Ms1 3.2/1, CAZ 27/22, Error ellipse: s-maj=37.6km s-min=16.4km az=171.0

ISCJB 17 14:56.0, 2.4, 94S-02-15875E-008, h18km, 19km, mb3.6/5, Error ellipse: s-maj=38.8km s-min=11.2km az=171.3

NEIC 17 14:56.2, 0.9, 939S-15880E, h10km, mb3.9/1, Error ellipse: s-maj=29.7km s-min=11.7km az=169.0

ISC 17 14:56.2, 2.2, 94S-02-15882E-007, h8km, 14km, n9, az=059/10, mb3.6/5, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like HNR, CTA, WRAB, etc.

WEL 17 17:40.4, 0.2, 4158S-17205E, h4km, 2km, ML3.6/18, Error ellipse: s-maj=1.4km s-min=1.1km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like DSZ, THZ, QUARTZ, etc.

ISCJB 17 17:31:51.5, 1.3, 4633N-011528E, h11km, mb3.5/9, Error ellipse: s-maj=22.8km s-min=8.2km az=141.4

MOS 17 17:31:53.8, 1.4, 4641N-15304E, h70km, mb4.1/5, Error ellipse: s-maj=16.7km s-min=13.3km az=69.8

IDC 17 17:31:54.9, 3.0, 4639N-15300E, h60km, 45km, mb3.3/10, mb1 3.5/11, mb1mx3.4/21, mbtmp3.3/11, ML3.2/1, Error ellipse: s-maj=26.9km s-min=24.7km az=120.0

NEIC 17 17:31:55.6, 2.4, 4643N-15295E, h66km, 22km, Error ellipse: s-maj=19.4km s-min=15.9km az=89.0

ISC 17 17:31:53.8, 1.1, 4633N-011528E, h11km, n35, az=133/42, mb3.5/9, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Severo-Kuril's, Nemuro 2, Rausu, etc.

WEL 13 17:42:38.5-0.4, 3825S-17825E, h5km, ML4.4/5, Error ellipse: s-maj=3.6km s-min=2.2km az=90.0, Off east coast of North Island

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

IDC 13 17:45:11.2, 1.2, 4158S, 17226E, h0km, mb3.7/2, mb1.3/8.4, mb1mx3.1/12, mbtmp3.6/4, ML2.9/1, Error ellipse: s-maj=30.2km s-min=15.0km az=112.0

ISCJB 13 17:45:14.2, 0.5, 4162S, 17195E-004, h21km, 4km, mb3.7/3, Error ellipse: s-maj=6.1km s-min=3.0km az=41.8

NEIC 13 17:45:14.7, 4158S, 17204E, h5km, mb4.2/1, ML4.2(WEL), After WEL

WEL 13 17:45:14.7, 0.1, 4158S, 17205E, h5km, ML4.1/57, Error ellipse: s-maj=0.9km s-min=0.8km az=90.0, 5. WEL Felt between Nelson, West Coast and Wellington, maximum reported intensity MM.

ISC 13 17:45:14.8, 0.6, 4165S, 17202E, 004, h14km, 4km, n123, 099N/130, mb3.7/3, South Island

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

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

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

URZ 1.9nm, 0.3s, baz=310, slow=13, SNR=4.2

DCZ Deep Cove 5.21 221 Pn Pn 17 46 32.1 -0.1

WB2 Warramunga Arr 38.50 293 eP Pn 17 52 37.4 +0.8

ARCES ARCESS Array B 147.10 339 PKPbc PKPbc 18 04 54.5 -1.6

TORD Tori Ar. Be 150.39 198 PKPbc PKPbc 18 05 02.5 -3.5

FINES FINESS Array B 151.52 326 PKPbc PKPbc 18 05 06.9 -0.4

FINES FINESS Array B 151.52 326 PKPbc PKPbc 18 05 06.9 -0.4

IDC 13 17:50:39.6, 3.8, 2661S-17749W, h0km, mb3.8/4, mb1.4/0.4, mb1mx3.9/11, mbtmp3.8/4, Error ellipse: s-maj=122.1km s-min=39.0km az=144.0, South of Fiji Islands

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

TRN 13 17:58:04.8, 1078N-6249W, h13km, MD3.2, NEIC 13 17:58:04.8, 1078N-6249W, h13km, MD3.2(TRN), After TRN.

ISCJB 13 17:58:05.1, 0.7, 1037N-0066248W, 003, h23km, 7km, Error ellipse: s-maj=10.8km s-min=4.5km az=170.5

FUNV 13 17:58:05.7, 1039N-6247W, h5km, MW2.9

ISC 13 17:58:04.9, 0.7, 1037N-0056248W, 003, h14km, 5km, n14, r1900, 23, 2C, Near coast of Venezuela

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

IDC 13 18:00:20.2, 1.1, 795S-15611E, h0km, mb4.1/8, mb1.4/2.9, mb1mx4.1/13, mbtmp4.1/9, ML3.8/1, MS3.5/1, Mst 3.4/1, ms1mx2.8/17, Error ellipse: s-maj=33.6km s-min=20.2km az=100.0

NEIC 13 18:00:21.2, 0.6, 790S-15617E, h10km, mb4.6/5, Error ellipse: s-maj=12.7km s-min=12.0km az=124.0

ISCJB 13 18:00:24.3, 0.6, 788S-109:15595E, 007, h33km, mb4.1/1.1, Error ellipse: s-maj=12.5km s-min=9.3km az=171.7

ISC 13 18:00:26.3, 0.6, 790S-15591E-007, h35km, n20, 0567/20, mb4.1/11, Bougainville - Solomon Islands region

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

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

IDC 13 18:21:19.4, 0.9, 871N-12663E, h0km, mb3.9/9, mb1.4/1.9, mb1mx3.9/11, mbtmp3.9/9, MS3.4/3, Ms1.3.4/3, ms1mx3.0/31, Error ellipse: s-maj=73.5km s-min=15.5km az=73.0

MAN 13 18:21:20.2, 882N-12692E, h1km, mb5.0, ML3.9, MS4.0, ISCJB 13 18:21:23.8, 1.0, 889N-003:12702E, 007, h58km, 10km, mb4.0/1.2, Error ellipse: s-maj=12.0km s-min=5.3km az=169.4

NEIC 13 18:21:31.8, 3.8, 861N-12643E, h103km, 34km, mb4.3/4, Error ellipse: s-maj=71.2km s-min=12.5km az=67.0

ISC 13 18:21:25.1, 1.0, 887N-003:12701E, 007, h45km, 10km, n37, r1510/43, mb4.0/12, 3C-1D, Philippine Islands region

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

HLW 13 18:57:11.1, 3507N-2378E, h35km, Mb3.4, MOS 13 18:57:16.4, 1.7, 3428N-2419E, h10km, mb4.2/13, Error ellipse: s-maj=9.0km s-min=5.0km az=82.5

IDC 13 18:57:17.4, 0.8, 3449N-2410E, h0km, mb4.0/1.4, mb1.4/0.2, mb1mx3.9/31, mbtmp3.9/30, ML3.7/6, MS3.6/5, Ms1.3.6/5, ms1mx3.0/38, Error ellipse: s-maj=18.1km s-min=9.8km az=144.0

CSEM 13 18:57:17.6, 0.1, 3435N-2427E, h15km, mb4.1/3, Error ellipse: s-maj=2.4km s-min=1.6km az=43.0

ISCJB 13 18:57:17.3, 0.3, 3440N-003:2425E, 004, h10km, mb4.1/23, MS3.7/5, Error ellipse: s-maj=5.2km s-min=3.3km az=154.8

NEIC 13 18:57:18.0, 3451N-2412E, h5km, mb3.7/5, MD4.0(ATH), After ATH

ATH 13 18:57:18.0, 3451N-2412E, h5km, MD4.0/13, ISC 13 18:57:19.0, 0.3, 3445N-003:2417E, 004, h10km, n130, r1932/130, mb4.1/23, MS3.7/5, 8C-12D, Crete

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



13d 20h

Table listing station names (e.g., APE Apeiranthos, SLUM, ITM Ithomi) and their associated coordinates, frequencies, and other technical details.

Table listing station names (e.g., TORO, ARU, ARCS, ARCS, ARCS) and their associated coordinates, frequencies, and other technical details.

Table listing station names (e.g., WTVZ, FWZ, FWZ, FWZ) and their associated coordinates, frequencies, and other technical details.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, FINES FINES Array B, ARCES ARCES Array B, etc.

CSEM 13 21:03:44.1, 3483N-2405E, h5km, MD3.6/6, After ATH
ATH 13 21:03:44.1, 3483N-2405E, h5km, 1km, MD3.6/6, Crete

IDC 13 21:05:06.4, 5.6, 476S-15372E, h0km, mb3.5/3, mb1 3.7/3,
mb1mx3.6/1.2, mbtmp3.5/3, Error ellipse: s-maj=171.2km s-min=36.7km az=108.0, New Ireland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WB2 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 13 21:06:46.1, 0.8, 3438N-008x2417E, h071km, mb3.5/6,
Error ellipse: s-maj=11.8km s-min=8.5km az=15.2
IDC 13 21:06:46.7, 1.2, 3444N-2403E, h0km, mb3.6/6,
mb1 3.6/1.0, mb1mx3.5/2.6, mbtmp3.5/1.0, ML3.5/4, Error

ISCJB 13 21:06:47.5, 3463N-2415E, h5km, MD3.5/6,
ATH 13 21:06:47.5, 3463N-2415E, h5km, MD3.5/6, After ATH
ISC 13 21:06:48.1, 0.8, 3454N-008x2416E, h071km, n18,
a135/18, mb3.5/6, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GVD Gavdhos, VAM Varnos, XRY Khristi, etc.

ISCJB 13 21:06:49.5, 0.7, 4655N-15600E, h0km, mb3.9/1.0,
mb1 4.1/1.1, mb1mx3.9/2.3, mbtmp3.9/1.1, ML3.5/1, MS3.3/4,
MS1 3.3/4, ms1mx2.9/3.6, Error ellipse: s-maj=24.3km
s-min=17.1km az=135.0

ISCJB 13 21:06:52.6, 0.6, 4651N-009x1559E, h01, h33km, mb4.1/16,
MS3.6/3, Error ellipse: s-maj=14.9km s-min=10.6km
az=96.3

MOS 13 21:06:53.4, 1.0, 4653N-15587E, h39km, mb4.1/11, Error
ellipse: s-maj=22.4km s-min=12.7km az=94.1
ISC 13 21:06:50.9, 3.2, 4649N-008x1560E, h01, h9km, 20km, n33,
o82/31, mb4.1/16, MS3.6/3, 2C-2D, East of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, ASAJ Asahikawa, etc.

ISCJB 13 21:06:54.7, 0.3, 3421N-002x11857W, h02, h24km, 3km,
Error ellipse: s-maj=4.0km s-min=2.9km az=10.7
NEIC 13 21:04:48.4, 3421N-11857W, h19km, ML3.0(PAS), After
PAS.

NEIC Feil [III] at Calabasas, Encino, North Hills, Northridge,
Reseda, Sherman Oaks, Stevenson Ranch, Tarzana, and
Woodland Hills; [II] at Agoura Hills, Beverly Hills, Canoga
Park, Newbury Park, Santa Monica, Simi Valley,
Thousand Oaks, Topanga, Van Nuys and Westlake
Village. Also felt at Altadena, Buena Park, Burbank,
Camarillo, Chatsworth, Glendale, Los Angeles, Malibu,
Newhall, Orange, Pasadena, Santa Clarita, Sierra Madre,
Studio City, Sunland, Torrance, Valencia, Ventura and
Winnetka.

ISC 13 21:54:47.8, 0.4, 3421N-002x11857W, h02, h18km, 3km,
n43, o61/65, 25C-25D, Southern California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DECC Green Verdugo, BLG Laguna Peak, etc.

IDC 13 21:33:13.2, 1.0, 2755N-6611E, h0km, mb3.7/1.1,
mb1 3.9/1.1, mb1mx3.7/2.4, mbtmp3.7/1.1, MS3.3/6,
MS1 3.4/6, ms1mx3.1/3.2, Error ellipse: s-maj=25.8km
s-min=21.4km az=52.0
ISCJB 13 21:33:15.7, 2.4, 2767N-009x6639E, h04, h24km, 19km,
mb3.7/1.1, MS3.3/6, Error ellipse: s-maj=14.9km
s-min=6.6km az=175.7
ISC 13 21:33:17.3, 1.6, 2751N-008x6631E, h007, h26km, 17km,
n33, i192/39, mb3.7/1.1, MS3.3/6, 2C, Pakistan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KUDL, THN Thein Dam, THN Sona, etc.

MAN 13 21:48:50, 584N-12554E, h76km, mb4.9, ML3.8, MS3.8,
1C-2D, Mindanao

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

ISCJB 13 21:54:47.0, 0.3, 3421N-002x11857W, h02, h24km, 3km,
Error ellipse: s-maj=4.0km s-min=2.9km az=10.7
NEIC 13 21:04:48.4, 3421N-11857W, h19km, ML3.0(PAS), After
PAS.

NEIC Feil [III] at Calabasas, Encino, North Hills, Northridge,
Reseda, Sherman Oaks, Stevenson Ranch, Tarzana, and
Woodland Hills; [II] at Agoura Hills, Beverly Hills, Canoga
Park, Newbury Park, Santa Monica, Simi Valley,
Thousand Oaks, Topanga, Van Nuys and Westlake
Village. Also felt at Altadena, Buena Park, Burbank,
Camarillo, Chatsworth, Glendale, Los Angeles, Malibu,
Newhall, Orange, Pasadena, Santa Clarita, Sierra Madre,
Studio City, Sunland, Torrance, Valencia, Ventura and
Winnetka.

ISC 13 21:54:47.8, 0.4, 3421N-002x11857W, h02, h18km, 3km,
n43, o61/65, 25C-25D, Southern California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DECC Green Verdugo, BLG Laguna Peak, etc.

IDC 13 21:33:13.2, 1.0, 2755N-6611E, h0km, mb3.7/1.1,
mb1 3.9/1.1, mb1mx3.7/2.4, mbtmp3.7/1.1, MS3.3/6,
MS1 3.4/6, ms1mx3.1/3.2, Error ellipse: s-maj=25.8km
s-min=21.4km az=52.0
ISCJB 13 21:33:15.7, 2.4, 2767N-009x6639E, h04, h24km, 19km,
mb3.7/1.1, MS3.3/6, Error ellipse: s-maj=14.9km
s-min=6.6km az=175.7
ISC 13 21:33:17.3, 1.6, 2751N-008x6631E, h007, h26km, 17km,
n33, i192/39, mb3.7/1.1, MS3.3/6, 2C, Pakistan

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

ISCJB 13 21:56:52.6, 0.6, 4651N-009x1559E, h01, h33km, mb4.1/16,
MS3.6/3, Error ellipse: s-maj=14.9km s-min=10.6km
az=96.3

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

ISCJB 13 21:56:53.4, 1.0, 4653N-15587E, h39km, mb4.1/11, Error
ellipse: s-maj=22.4km s-min=12.7km az=94.1
ISC 13 21:06:50.9, 3.2, 4649N-008x1560E, h01, h9km, 20km, n33,
o82/31, mb4.1/16, MS3.6/3, 2C-2D, East of Kuril Islands

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

ISCJB 13 21:56:52.6, 0.6, 4651N-009x1559E, h01, h33km, mb4.1/16,
MS3.6/3, Error ellipse: s-maj=14.9km s-min=10.6km
az=96.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VES Vestal, Richgr, 109C Camp Elliot, etc.

MAN 13 21:48:50, 584N-12554E, h76km, mb4.9, ML3.8, MS3.8,
1C-2D, Mindanao

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

ISCJB 13 21:54:47.0, 0.3, 3421N-002x11857W, h02, h24km, 3km,
Error ellipse: s-maj=4.0km s-min=2.9km az=10.7
NEIC 13 21:04:48.4, 3421N-11857W, h19km, ML3.0(PAS), After
PAS.

NEIC Feil [III] at Calabasas, Encino, North Hills, Northridge,
Reseda, Sherman Oaks, Stevenson Ranch, Tarzana, and
Woodland Hills; [II] at Agoura Hills, Beverly Hills, Canoga
Park, Newbury Park, Santa Monica, Simi Valley,
Thousand Oaks, Topanga, Van Nuys and Westlake
Village. Also felt at Altadena, Buena Park, Burbank,
Camarillo, Chatsworth, Glendale, Los Angeles, Malibu,
Newhall, Orange, Pasadena, Santa Clarita, Sierra Madre,
Studio City, Sunland, Torrance, Valencia, Ventura and
Winnetka.

ISC 13 21:54:47.8, 0.4, 3421N-002x11857W, h02, h18km, 3km,
n43, o61/65, 25C-25D, Southern California

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DECC Green Verdugo, BLG Laguna Peak, etc.

IDC 13 21:33:13.2, 1.0, 2755N-6611E, h0km, mb3.7/1.1,
mb1 3.9/1.1, mb1mx3.7/2.4, mbtmp3.7/1.1, MS3.3/6,
MS1 3.4/6, ms1mx3.1/3.2, Error ellipse: s-maj=25.8km
s-min=21.4km az=52.0
ISCJB 13 21:33:15.7, 2.4, 2767N-009x6639E, h04, h24km, 19km,
mb3.7/1.1, MS3.3/6, Error ellipse: s-maj=14.9km
s-min=6.6km az=175.7
ISC 13 21:33:17.3, 1.6, 2751N-008x6631E, h007, h26km, 17km,
n33, i192/39, mb3.7/1.1, MS3.3/6, 2C, Pakistan

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

ISCJB 13 21:56:52.6, 0.6, 4651N-009x1559E, h01, h33km, mb4.1/16,
MS3.6/3, Error ellipse: s-maj=14.9km s-min=10.6km
az=96.3

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

ISCJB 13 21:56:53.4, 1.0, 4653N-15587E, h39km, mb4.1/11, Error
ellipse: s-maj=22.4km s-min=12.7km az=94.1
ISC 13 21:06:50.9, 3.2, 4649N-008x1560E, h01, h9km, 20km, n33,
o82/31, mb4.1/16, MS3.6/3, 2C-2D, East of Kuril Islands

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

ISCJB 13 21:56:52.6, 0.6, 4651N-009x1559E, h01, h33km, mb4.1/16,
MS3.6/3, Error ellipse: s-maj=14.9km s-min=10.6km
az=96.3



Table with columns: WHO, Vista Hermosa, 1.64 60 i P, Pn, 00 10 50.0 -3.2, Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Oaxaca, Acapulco, Huatulco, Tehuacan, etc.

WEL 14 00:21:31.4±2.7, 3773S, 17686E, h16km, ML3.6/7, Error ellipse: s-maj=39.0km s-min=32.6km az=90.0, North Island

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Ohinepanea, Manawahe, Urewera, Matakaoa Point.

IDC 14 00:22:02.7±0.8, 2053N, 11990E, h0km, mb3.9/1.0, mb1.4/1.1, mb1mx3.9/2.0, mbtmp3.9/1.1, ML3.5/1, MS3.1/4, Ms1.3/1.4, ms1mx2.8/2.5, Error ellipse: s-maj=34.4km s-min=18.8km az=71.9

ISCJB 14 00:22:03.4±5.5, 2062N, 008.1202E, 0.1, h15km, 40km, mb3.8/1.2, Error ellipse: s-maj=23.3km s-min=13.2km az=1.6

NEIC 14 00:22:07.6±0.8, 2066N, 1202E, h35km, mb3.9/2, Error ellipse: s-maj=20.6km s-min=15.6km az=85.0

ISC 14 00:22:05.5±5.6, 2062N, 007.1201E, 0.1, h17km, 35km, n20, c0591/18, mb3.8/1.2, Philippine Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Yeheng, Kunigami, Natsuke, Korea Array, Matsushiro, etc.

ISCJB 14 00:22:59.0±9.3, 3445N, 008.2418E, 0.08, h10km, mb3.5/5, Error ellipse: s-maj=12.1km s-min=8.2km az=37.6

IDC 14 00:22:59.9±1.3, 3456N, 2306E, h0km, mb3.7/5, mb1.3/7, mb1mx3.6/2.5, mbtmp3.6/8, ML3.5/3, Error ellipse: s-maj=25.6km s-min=17.7km az=147.0

ATH 14 00:23:01.9, 3463N, 2420E, h5km, 4km, MD3.6/7, NEIC 14 00:23:01.9, 3463N, 2420E, h5km, MD3.6(ATH), After ATH

CSEM 14 00:23:04.6±9.9, 0.3473N, 2425E, h5km, MD3.6, After ATH

ISC 14 00:23:02.0±0.9, 3456N, 007.2416E, 0.08, h10km, n17, c1319/17, mb3.5/5, 1, C, Crete

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Gvdhvos, Vamos, Anoyia, etc.

MOS 14 00:31:23.7±1.7, 4555N, 3670E, h24km, mb3.8/1, 2D, Error ellipse: s-maj=23.8km s-min=14.3km az=46.3, Crimea region

Table with columns: KERU, Kerch, 0.30 215j, Op, ISC, P, 00 31 39.6 +9.1, Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Kerch, Feodosiya, Alusha, Simferopol, Yalta, Sevastopol.

ISCJB 14 00:53:06.2±2.5, 4651N, 008.1560E, 0.1, h8km, 15km, mb4.0/2.1, MS3.3/3, Error ellipse: s-maj=14.5km s-min=9.5km az=141.9

IDC 14 00:53:06.0±0.6, 4652N, 15604E, h0km, mb4.0/1.5, MB4.0/2.1, mb1mx4.1/2.4, mbtmp4.0/1.7, ML4.0/2, MS3.3/2, Ms1.3/2, ms1mx2.7/2.9, Error ellipse: s-maj=19.7km s-min=15.0km az=145.0

NEIC 14 00:53:08.3±0.4, 4653N, 15605E, h10km, mb4.3/2, Error ellipse: s-maj=11.9km s-min=7.5km az=134.0

MOS 14 00:53:08.6±1.2, 4655N, 15587E, h21km, mb4.6/5, Error ellipse: s-maj=13.8km s-min=10.3km az=87.5

ISC 14 00:53:09.4±2.6, 4651N, 007.15607E, 0.10, h16km, 16km, n45, c087/45, mb4.0/2.1, MS3.3/3, 1-C, 6D, East of Kuril Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Severo-Kuril's, Kuril'sk, Petropavlovsk, Yuzh-Sakhalins, Asahikawa, Erimo, Kul'dur, Matsushiro Arr, Bilibino, etc.

ULN Ulanbaatar 32.90 291 i P, P, 00 59 42.3 -0.2

COLA College 35.07 38 i P, P, 00 00 08.5 -0.5

INIK Inuvik 40.76 32 P, P, 00 01 49.5 +0.3

ZALV Zalesovo Beam 44.40 307 P, P, 00 01 19.6 +0.8

ZALV Zalesovo 44.41 307 P, P, 00 01 35.4

ZALV Zalesovo 44.41 307 P, P, 00 01 19.7 +0.7

MKAR Makanchi Array 48.85 299 P, P, 00 01 53.4 -0.5

MKAR Kurchatov 49.19 305i P, P, 00 01 55.9 -0.4

KURK Kurchatov 49.19 305 P, P, 00 01 54.8 -1.0

KURK Yellowknife Arr 49.89 37 P, P, 00 02 01.5 0.0

YKA Yellowknife Arr 49.89 37 P, P, 00 02 01.5 0.0

YKA Yellowknife Arr 49.89 37 P, P, 00 02 01.5 0.0

BVAR Borovoye Array 52.58 311 P, P, 00 02 22.4 +0.6

ARU Arti 56.55 319d i P, P, 00 02 49.6 -1.0

ARU Arti 56.55 319 P, P, 00 02 49.6 -1.0

Table with columns: AKASG, Main Array Be, 72.86 328 P, P, 00 04 35.9 -1.2, Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Stephens Creek, Kasperke Hory, GERESS Array B, etc.

ISCJB 14 01:06:36.7±0.3, 3933N, 002.2043E, 0.03, h0km, Error ellipse: s-maj=3.4km s-min=2.3km az=170.9

ATH 14 01:06:36.6, 3934N, 2048E, h5km, 3km, MD3.3/5, NEIC 14 01:06:36.8, 3932N, 2043E, h19km, MD3.3(ATH), ML3.4(TH), After ATH

CSEM 14 01:06:37.2±0.2, 3936N, 2039E, h0km, 1km, ML3.4, Error ellipse: s-maj=4.5km s-min=3.5km az=80.0

THE 14 01:06:37.6, 3934N, 2041E, h3km, ML3.4, ISC 14 01:06:37.3±0.5, 3932N, 002.2043E, 0.03, h2km, 4km, n39, c1915/61, 1, C, Greece-Albania border region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Igomounitsa, Janina, Kerkira, Levkas, Sarande, Metsovno, Valsamata, etc.

ISCJB 14 00:53:06.2±2.5, 4651N, 008.1560E, 0.1, h8km, 15km, mb4.0/2.1, MS3.3/3, Error ellipse: s-maj=14.5km s-min=9.5km az=141.9

IDC 14 00:53:06.0±0.6, 4652N, 15604E, h0km, mb4.0/1.5, MB4.0/2.1, mb1mx4.1/2.4, mbtmp4.0/1.7, ML4.0/2, MS3.3/2, Ms1.3/2, ms1mx2.7/2.9, Error ellipse: s-maj=19.7km s-min=15.0km az=145.0

NEIC 14 00:53:08.3±0.4, 4653N, 15605E, h10km, mb4.3/2, Error ellipse: s-maj=11.9km s-min=7.5km az=134.0

MOS 14 00:53:08.6±1.2, 4655N, 15587E, h21km, mb4.6/5, Error ellipse: s-maj=13.8km s-min=10.3km az=87.5

ISC 14 00:53:09.4±2.6, 4651N, 007.15607E, 0.10, h16km, 16km, n45, c087/45, mb4.0/2.1, MS3.3/3, 1-C, 6D, East of Kuril Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Severo-Kuril's, Kuril'sk, Petropavlovsk, Yuzh-Sakhalins, Asahikawa, Erimo, Kul'dur, Matsushiro Arr, Bilibino, etc.

ISCJB 14 02:07:12.4±7.3, 1593S, 7291W, h86km, 30km, mb3.1/2, mb1.3/3.4, mb1mx3.1/1.8, mbtmp3.1/1.4, Error ellipse: s-maj=187.8km s-min=18.6km az=30.0, Southern Peru

LPAZ La Paz 4.61 95 Op, ISC, P, 02 08 20.6 +9.0

NNA Nana 5.47 315 P, P, 02 08 30.5 -1.0

NNA 1.0nm, 0.3s, baz=210, slow=20, SNR=3.6

TORD Torodi Arr. Be 79.22 73 P, P, 02 09 08.7 -0.1

YKA Yellowknife Arr 84.72 342 P, P, 02 09 36.7 +0.2

ISCJB 14 02:45:31.4±0.8, 1136N, 004.1261E, 0.06, h1km, mb3.8/6, Error ellipse: s-maj=8.5km s-min=5.8km az=15.8

IDC 14 02:45:32.0±1.8, 1136N, 1262E, h0km, mb3.8/6, mb1.3/9.6, mb1mx3.7/1.7, mbtmp3.8/6, MS3.3/1, Ms1.3/3.1, ms1mx2.6/3.6, Error ellipse: s-maj=21.2km s-min=2.0km az=69.0

MAN 14 02:45:36, 1130N, 1258E, h1km, mb4.8, ML3.7, MS3.7, Error ellipse: s-maj=21.6, 1.136N, 004.1261E, 0.07, h1km, 8km, n18, c0942/23, mb3.8/6, 1, C, Philippine Islands region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Palo, Ormoc, Surigao, Maasin, Cataram, Lapu-Lapu, Tagbilaran, Virac, Roxas, Jordan, Mudson, Alice Springs, Honiara, Makanchi Array, etc.

ISCJB 14 03:02:12.4±0.5, 3123S, 003.6856W, 0.05, h107km, 7km, Error ellipse: s-maj=6.7km s-min=4.4km az=175.9

GUC 14 03:02:13.5:0.7, 3125S:6889W, h152km, 18km, MD3.8, ML4.0

NEIC 14 03:02:13.5, 3125S:6889W, h152km, MD3.8(GUC), After GUC

IDC 14 03:02:13.1:1.7, 3129S:6853W, h99km, 15km, mb3.2/1, mb1 3.4/4, mb1mx3.2/16, mbtmp3.2/4, Error ellipse: s-maj=46.8km s-min=29.5km az=133.0

ISC 14 03:02:13.5:0.5, 3122S:003.6857W, 005, h101km, 7km, n28, c081/47, 8C-40, San Juan Province

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, ISC, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like CFAA Coronel Fontan, CFAA Coronel Fontan, CFAA Coronel Fontan, etc.

IDC 14 03:18:29.5:1.2, 5053N:9679E, h0km, mb3.6/5, mb1 3.6/9, mb1 mx3.5/24, mbtmp3.5/9, ML3.4/4, MS2.8/4, Mst 2.8/4, ms1mx2.6/33, Error ellipse: s-maj=28.8km s-min=15.5km az=10.0

ISCJB 14 03:18:30.6:0.4, 5093N:005.9661E, 004, h10km, mb3.7/9, MS2.6/2, Error ellipse: s-maj=7.6km s-min=3.3km az=179.3

MOS 14 03:18:30.5:2.4, 5009N:9640E, h19km, mb4.2/1, Error ellipse: s-maj=10.7km s-min=9.9km az=20.9

NEIC 14 03:18:30.8:0.8, 5054N:9670E, h10km, mb3.5/1, Error ellipse: s-maj=19.1km s-min=10.4km az=191.0

NNC 14 03:18:31.2:3.0, 5117N:9661E, h0km, mb4.0, Error ellipse: s-maj=31.2km s-min=25.8km az=79.0

BUI 14 03:18:31.5, 5040N:9768E, h11km, mb4.6, mb4.2, Ms4.1, Ms3.5

ASRS 14 03:18:31.1:2.4, 5053N:9656E, h15km, Ms3.6

ISC 14 03:18:32.2:0.3, 5081N:005.9670E, 003, h10km, n60, i133/74, mb3.7/9, MS2.6/2, 10C-2D, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, ISC, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like ORL Oriik, ORL Oriik, ORL Oriik, etc.

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, ISC, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like SONM Songino Array, SONM Songino Array, SONM Songino Array, etc.

IDC 14 03:46:57.7:4.1, 3244S:17972E, h304km, 33km, mb3.9/5, mb1 3.9/7, mb1mx3.7/15, mbtmp3.9/7, Error ellipse: s-maj=40.6km s-min=16.7km az=46.0

NEIC 14 03:47:03.5:1.6, 3308S:17961E, h373km, 16km, mb3.8/1, Error ellipse: s-maj=25.8km s-min=22.2km az=92.0

ISC 14 03:47:04.1:1.6, 333S:02:1797E, 03, h390km, 21km, n56, c0577/58, mb4.0/6, South of Kermadec Islands

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, ISC, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like ARU Arti, ARU Arti, ARU Arti, etc.

IDC 14 04:07:17.2:0.9, 2570S:1793E, h494km, 9km, mb4.3/16, mb1 4.3/19, mb1mx4.3/21, mbtmp4.3/19, Error ellipse: s-maj=10.9km s-min=9.0km az=168.0

NEIC 14 04:07:18.5:0.7, 2592S:17971E, h506km, 8km, mb4.6/29, Error ellipse: s-maj=8.5km s-min=5km az=157.0

BUI 14 04:07:18.5, 2590S:17970E, h506km, 8km, mb4.8, mb4.7

BGS 14 04:07:23.2:4.1, 2592S:17971E, h506km, 8km, mb4.6(NEIC)

ISC 14 04:07:17.2:1.0, 2583S:007.17960E, 004, h483km, 12km, n62S, c067/424, mb4.7/58, 102C-104D, South of Fiji Islands

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, ISC, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, ISC, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like TSZ Takapari Road, TSZ Takapari Road, TSZ Takapari Road, etc.

IDC 14 04:03:57.4:7.2, 2856S:6919W, h84km, 54km, mb3.2/2, mb1 3.4/3, mb1mx3.3/15, mbtmp3.2/3, ML4.1/1, Error ellipse: s-maj=83.2km s-min=41.3km az=21.0

ISCJB 14 04:03:58.1:0.7, 2840S:005.691W, 0.1, h105km, 12km, mb3.3/2, Error ellipse: s-maj=15.4km s-min=7.4km az=9.1

GUC 14 04:03:59.6:0.7, 2833S:6944W, h130km, ML4.2

NEIC 14 04:03:59.6:0.7, 2833S:6944W, h130km, ML4.2, After GUC

ISC 14 04:03:59.2:0.7, 2840S:005.6906W, 008, h96km, 11km, n22, c079/28, mb3.3/2, 6C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, ISC, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like VACH Vallenar, VACH Vallenar, VACH Vallenar, etc.

SZGRF 14 04:06:21.9, 2676S:17999E, h33km, South of Fiji Islands

ISCJB 14 04:07:17.2:0.9, 2584S:006.17956E, 004, h494km, 11km, mb4.7/59, Error ellipse: s-maj=9.8km s-min=4.9km az=161.7

MOS 14 04:07:17.8:1.3, 2563S:17960E, h495km, mb4.8/14, Error ellipse: s-maj=11.6km s-min=10.1km az=143.3

IDC 14 04:07:18.1:0.9, 2570S:1793E, h494km, 9km, mb4.3/16, mb1 4.3/19, mb1mx4.3/21, mbtmp4.3/19, Error ellipse: s-maj=10.9km s-min=9.0km az=168.0

NEIC 14 04:07:18.5:0.7, 2592S:17971E, h506km, 8km, mb4.6/29, Error ellipse: s-maj=8.5km s-min=5km az=157.0

BUI 14 04:07:18.5, 2590S:17970E, h506km, 8km, mb4.8, mb4.7

BGS 14 04:07:23.2:4.1, 2592S:17971E, h506km, 8km, mb4.6(NEIC)

ISC 14 04:07:17.2:1.0, 2583S:007.17960E, 004, h483km, 12km, n62S, c067/424, mb4.7/58, 102C-104D, South of Fiji Islands

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, ISC, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.





Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like WVOR Wild Horse Val, O10A Cortez Mining, 106A Prineville, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like L12A House Creek Ra, M13A Montello, BMO Blue Mountains, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like SONM Songino Array, GTA Gaotai, LPAZ La Paz, etc.



Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Gorka Klasztor, Edinburg, Stoneyphat, Kupang, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Baives, Skopje, Furstenfeldbrunn, Champ du Duc, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kupang, Warramunga Arr, etc.

NEIC 14 04:25:46.1, 3.864S, 128.88E, h35km, Error ellipse: s-maj=32.4km s-min=15.0km az=67.0
ISCJB 14 04:25:49.2, 3.893S, 109.12882E, 0.10, h88km, 28km, Error ellipse: s-maj=20.8km s-min=9.8km az=45.0

ATH 14 05:11:50.9, 3796N-2093E, h10km, MD3.2/3  
 THE 14 05:11:53.4, 3833N-2039E, h12km, ML3.3  
 CSEM 14 05:11:52.7, 0.8, 3834N-2049E, h30km, ML3.3, Error  
 ellipse: s-maj=30.2km s-min=11.8km az=89.0, Greece

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
VLS	Valsamata	0.18	154	Op	ISC	h m s ISC
VLS	Valsamata	0.13	134	eP	Pb	05 11 58.0 -0.7
KFL	Anninata	0.33	134	eP	Pb	05 12 01.6 -1.2
KFL	Anninata	0.33	134	eP	Pb	05 12 00.9 +0.4
KFL	Anninata	0.33	134	eP	Pb	05 12 06.7 +0.8
KFL	Anninata	0.33	134	eP	Pb	05 12 00.9 +0.4
KFL	Anninata	0.33	134	eP	Pb	05 12 06.7 +0.8
RLS	Riolos of Patr	0.39	119	eP	Pb	05 12 01.8 +0.4
EV	Ervyatna	1.18	61	eP	Pb	05 12 13.1 -0.1

IDC 14 05:27:17.3, 5.5, 956S-12890E, h0km, mb3.8/1, mb1 3.8/4,  
 mb1mx3.6/13, mbtmp3.7/4, ML3.7/3, Error ellipse:  
 s-maj=66.7km s-min=51.2km az=142.0, Timor Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
FITZ	Fitzroy Crossi	9.06	200	Op	ISC	h m s ISC
FITZ	Fitzroy Crossi	9.06	200	Op	Pn	05 29 29.8 +0.3
FITZ	Fitzroy Crossi	9.06	200	Op	Pn	05 31 14.7 +2.3
WRA	Warramunga Arr	11.59	154	Pn	Pn	05 30 03.1 -1.0
WRA	Warramunga Arr	11.59	154	Pn	Pn	05 32 16.1 +1.8
ASAR	Alice Springs	14.82	162	Pn	Pn	05 30 46.5 -1.8
ASAR	Alice Springs	14.82	162	Pn	Pn	05 33 37.8 +4.3
STKA	Stephens Creek	25.14	154	P	P	05 32 44.5 +0.3

MOS 14 05:40:00.5, 0.9, 2747N-12860E, h22km, mb4.9/5, Error  
 ellipse: s-maj=22.1km s-min=10.9km az=106.0  
 NIED 14 05:40:00.7, 2750N-12860E, h44km, Mw4.3 Best double  
 couple: M<sub>2</sub>:78000×10<sup>15</sup> NP1:37,00000×10<sup>15</sup>, 860.00000×  
 1,85.00000×10<sup>15</sup> NP2:226,00000×10<sup>15</sup>, 830.00000×  
 1,980.00000×10<sup>15</sup> BUJ 14 05:40:03.1, 2727N-12884E, h51km, mb4.4, mb4.5, Ms3.7,  
 Ms23.6

NEIC 14 05:40:04.0, 0.6, 2740N-12876E, h35km, mb4.6/6, Error  
 ellipse: s-maj=15.3km s-min=9.9km az=119.0  
 NEIC Recorded [2 JMA] on Okino-erabu-shima and  
 Tokuno-shima; [1 JMA] on Yoron-jima.  
 ISCJB 14 05:40:04.0, 0.3, 2749N-004×12863E-005, h53km, 3km,  
 mb4.5/32, MS3.5/7, Error ellipse: s-maj=9.4km  
 s-min=3.5km az=41.8

IDC 14 05:40:05.4, 0.8, 2742N-12835E, h46km, 9km, mb3.9/14,  
 mb1 4.0/17, mb1mx4.0/24, mbtmp3.9/17, ML3.5/3, MS3.3/9,  
 Ms1 3.3/9, ms1mx3.2/28, Error ellipse: s-maj=24.8km  
 s-min=11.5km az=89.0  
 JMA 14 05:40:05.5, 2746N-12863E, h40km, 2km, M4.2  
 JMA Feit II JI

ISC 14 05:40:05.7, 0.4, 2744N-004×12868E-005, h47km, 3km,  
 n78, 0.986/85, mb4.5/32, MS3.5/7, 3C-1D, Ryukyu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
JTK	Tokunoshima	0.42	35	Op	ISC	h m s ISC
JTK	Tokunoshima	0.42	35	Op	Pn	05 40 15.3 -0.6
JOW	Kunigami	0.70	211	P	Pn	05 40 18.8 -0.6
JOW	Kunigami	0.70	211	P	Pn	05 40 28.4 -0.9
JOW	Kunigami	0.70	211	P	Pn	05 40 18.2 -1.2
JOW	Kunigami	0.70	211	P	Pn	05 40 28.2 -1.1

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
JIH	Iheya	0.75	238	P	Pn	05 40 19.3 -0.7
JIH	Iheya	0.75	238	P	Pn	05 40 29.4 -1.0
JAM	Kamami Oshima	1.27	40	P	Pn	05 40 27.2 +0.2
JAM	Kamami Oshima	1.27	40	P	Pn	05 40 43.3 +0.4
JJK	Kikashima	1.44	52	P	Pn	05 40 30.5 +1.2
NAH1	Naha	1.52	216	P	Pn	05 40 31.1 +0.7
NAH1	Naha	1.52	216	P	Pn	05 40 50.4 +1.4
JAGN	Aguni-jima	1.54	237	P	Pn	05 40 30.4 -0.3
JAGN	Aguni-jima	1.54	237	P	Pn	05 40 48.9 -0.6
JWJ	Tamaagusuku 2	1.54	213	P	Pn	05 40 31.9 +0.6
JKE	Kume jima 2	2.02	237	P	Pn	05 40 37.0 -0.3
JKE	Kume jima 2	2.02	237	P	Pn	05 41 01.1 -0.3
JNN	Nakunoshima	2.61	23	P	Pn	05 40 45.2 -0.2
JNN	Nakunoshima	2.61	23	P	Pn	05 40 55.2 +0.5
JKC	Kuchinoerabu	3.29	23	P	Pn	05 41 30.8 -1.8
JTN	Tanegashima 3	3.78	32	Op	ISC	h m s ISC
JTN	Tanegashima 3	3.78	32	Op	Pn	05 41 45.0 +0.3
JNU	Nakatsue	5.97	18	P	Pn	05 41 34.0 +2.5

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
JNU	Nakatsue	5.97	18	P	Pn	05 44 07.5
TATO	Taipei	6.91	251	Pn	Pn	05 41 46.0 +1.6
YHNB	Yeheng	7.12	249	ePn	Pn	05 41 48.3 +1.0
NJ2	Nanjing	9.70	301	eP	Pn	05 42 21.9 -0.7
NJ2	Nanjing	9.70	301	eP	Pn	05 42 28.1

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
NJ2	Nanjing	9.70	301	eP	Pn	05 41 46.0 +1.6
NJ2	Nanjing	9.70	301	eP	Pn	05 41 48.3 +1.0
NJ2	Nanjing	9.70	301	eP	Pn	05 42 21.9 -0.7
NJ2	Nanjing	9.70	301	eP	Pn	05 42 28.1

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
NJ2	Nanjing	9.70	301	eP	Pn	05 41 46.0 +1.6
NJ2	Nanjing	9.70	301	eP	Pn	05 41 48.3 +1.0
NJ2	Nanjing	9.70	301	eP	Pn	05 42 21.9 -0.7
NJ2	Nanjing	9.70	301	eP	Pn	05 42 28.1

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
NJ2	Nanjing	9.70	301	eP	Pn	05 41 46.0 +1.6
NJ2	Nanjing	9.70	301	eP	Pn	05 41 48.3 +1.0
NJ2	Nanjing	9.70	301	eP	Pn	05 42 21.9 -0.7
NJ2	Nanjing	9.70	301	eP	Pn	05 42 28.1

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
NJ2	Nanjing	9.70	301	eP	Pn	05 41 46.0 +1.6
NJ2	Nanjing	9.70	301	eP	Pn	05 41 48.3 +1.0
NJ2	Nanjing	9.70	301	eP	Pn	05 42 21.9 -0.7
NJ2	Nanjing	9.70	301	eP	Pn	05 42 28.1

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
NJ2	Nanjing	9.70	301	eP	Pn	05 41 46.0 +1.6
NJ2	Nanjing	9.70	301	eP	Pn	05 41 48.3 +1.0
NJ2	Nanjing	9.70	301	eP	Pn	05 42 21.9 -0.7
NJ2	Nanjing	9.70	301	eP	Pn	05 42 28.1

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
NJ2	Nanjing	9.70	301	eP	Pn	05 41 46.0 +1.6
NJ2	Nanjing	9.70	301	eP	Pn	05 41 48.3 +1.0
NJ2	Nanjing	9.70	301	eP	Pn	05 42 21.9 -0.7
NJ2	Nanjing	9.70	301	eP	Pn	05 42 28.1

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
NJ2	Nanjing	9.70	301	eP	Pn	05 41 46.0 +1.6
NJ2	Nanjing	9.70	301	eP	Pn	05 41 48.3 +1.0
NJ2	Nanjing	9.70	301	eP	Pn	05 42 21.9 -0.7
NJ2	Nanjing	9.70	301	eP	Pn	05 42 28.1

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
NJ2	Nanjing	9.70	301	eP	Pn	05 41 46.0 +1.6
NJ2	Nanjing	9.70	301	eP	Pn	05 41 48.3 +1.0
NJ2	Nanjing	9.70	301	eP	Pn	05 42 21.9 -0.7
NJ2	Nanjing	9.70	301	eP	Pn	05 42 28.1

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
GTA	Gaotai	26.77	304	eP	AMB	P
GTA	Gaotai	26.77	304	eP	AMB	P
SOMN	Songrio Array	26.77	325	P	P	05 45 40.5 -0.5
SOMN	Songrio Array	26.77	325	P	P	05 45 40.5 -0.5
SOMN	Songrio Array	26.77	325	P	P	05 45 40.5 -0.5

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
WMQ	Urumqi	36.69	307	eP	AMB	P
WMQ	Urumqi	36.69	307	eP	AMB	P
WMQ	Urumqi	36.69	307	eP	AMB	P
WMQ	Urumqi	36.69	307	eP	AMB	P

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.23	281	eP	P	05 47 20.9 -0.4
PKI	Pulchoki	38.				



14d 8h

Table of station data for 14d 8h, including station names, codes, and various numerical values.

2007 MAY

Main table of station data for 2007 MAY, listing stations like Zalesovo, Kurchatov, and various numerical data points.

450

Table of station data for the top right section, including stations like KURK, KURBB, and MK06.

Table titled 'KRSC 14 07:52:47.4±0.9, 5292N, 16033E, h30km±20km, ML3.6, Off east coast of Kamchatka Peninsula', listing station codes and data.

Table titled 'IDC 14 07:55:47.1±63.0, 1471S, 16458E, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.6/12, mbtmp3.7/3, Error ellipse: s-maj=1061.0km s-min=111.9km az=64.0, Vanuatu Islands region', listing station codes and data.

Table titled 'IDC 14 08:01:32.4±0.7, 874N, 12581E, h0km, mb4.1/10, mb1 4.3/11, mb1mx1.1/19, mbtmp4.2/11, ML5.0/1, MS3.4/7, Ms1 3.4/7, ms1mx3.1/31, Error ellipse: s-maj=46.8km s-min=14.7km az=78.0', listing station codes and data.

Table titled 'IDC 14 07:22:43.8±1.3, 2878N, 7634E, h0km, mb3.5/3, mb1 3.5/4, mb1mx3.3/23, mbtmp3.4/4, ML3.0/1, Error ellipse: s-maj=44.3km s-min=30.0km az=51.0', listing station codes and data.

Table with columns: STATION, CODE, TIME, RES, etc. Includes stations like FINES, HFS, YKA, TORO.

ISCJB 14 08:10:28.2.0.3, 4374N:002.7322W:002, h6km, Error ellipse: s-maj=2.7km s-min=2.2km az=20.0

OTT 14 08:10:29.6.0.2, 4371N:7320W, h5km, MN2.9/23, 158km south from Bedford, Qc Northern Appalachians Seismic Zone.

NEIC 14 08:10:30.0, 4371N:7325W, h6km, MD2.5(LDO), MN2.9(OTT), After LDO.

NEIC Feit [V] at Bomoseen and [III] at Castleton and Fair Haven, Feit at Brandon, Grotto, Orwell, Poulitney, Proctor and Vergennes. Also felt at Middle Granville and Putnam Station, New York.

ISC 14 08:10:28.5.0.3, 4371N:002.7322W:002, h1km, 3km, n49, r15973, 9C, New York

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, etc. Includes stations like ACCN, ANCH, HAN, etc.

Table with columns: STATION, CODE, TIME, RES, etc. Includes stations like BUKO, GGN, EEO, BRCO, LMN.

ISC 14 08:21:02.9.2.0, 1485N:14712E, h0km, mb3.6/4, mb1 3.8/5, mb1mx3.6/18, mbtmp3.6/5, ML3.7/1, Error ellipse: s-maj=47.5km s-min=24.3km az=94.0, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, etc. Includes stations like GUMO, WRA, ASAR, MKAR.

MEX 14 08:23:27.7.0.9, 2136N:10475W, h12km, MD4.4, Central Mexico

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, etc. Includes stations like ANIG, SFJM, MMIG, etc.

MEX 14 08:24:46.4.1.1, 1837N:10015W, h30km, MD3.7, Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, etc. Includes stations like PLIG, MEIG, MZVM, etc.

NEIC 14 08:53:10.8.1.1, 109N:9710E, h30km, Error ellipse: s-maj=24.7km s-min=15.1km az=62.0

ISC 14 08:53:12.8.7.7, 115N:9719E, h43km, 58km, mb3.7/6, mb1 3.7/7, mb1mx3.5/20, mbtmp3.6/7, ML3.0/1, Error ellipse: s-maj=80.3km s-min=20.3km az=60.0

ISCJB 14 08:53:13.1.6.4, 12N:03:973E:0.4, h62km, 43km, mb3.9/6, Error ellipse: s-maj=84.3km s-min=22.3km az=149.9

ISC 14 08:53:14.5.6.2, 12N:03:973E:0.4, h55km, 42km, n9, r05119, mb3.9/6, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, etc. Includes stations like PSI, TSI, WRA, ASAR, etc.

CSEM 14 08:54:20.3.0.1, 3163N:4904E, h2km, ML2.7, Error ellipse: s-maj=2.5km s-min=1.3km az=103.0

THR 14 08:54:20.7.0.7, 3159N:4895E, h14km, 12km, ML2.7, KISR 14 08:54:20.5.0.9, 3145N:4925E, h34km, 47km, ML2.7

ISCJB 14 08:54:21.8.0.8, 3164N:004:4899E:0.10, h10km, Error ellipse: s-maj=12.4km s-min=4.8km az=11.2

ISC 14 08:54:22.4.0.7, 3166N:003:4900E:009, h10km, n10, r095/19, Western Iran

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, etc. Includes stations like SHGR, UMR, NAY, ASAO, etc.

M=4.3, Msz4.2 NEIC 14 09:00:39.7.0.2, 2050N:12026E, h35km, mb5.0/20, Error ellipse: s-maj=7.2km s-min=5.2km az=86.0

JMA 14 09:00:41.2.0.5, 2078N:12041E, h116km, M4.0

ISC 14 09:00:38.7.0.9, 2053N:002:12033E:003, h27km, 7km, h34km, 1.8km, pp-P, n193, r1110/25, mb4.8/63, MS3.9/16, 5C-13D, Philippine Islands region

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, etc. Includes stations like PIP, APYP, SGCP, etc.









CLNS	comp=E,5µm,16.0s,MS5.8	MLR	MLR						
KMBO	comp=Z,7µm,16.0s,MS5.9	eP	P	09 41 49.4 +1.6					
KMBO	Kilima Mbogo 60.03 268	eP	P	10 06 42.3					
KMBO	Kilima Mbogo 60.03 268	eP	P	09 41 48.9 +1.1					
KMBO	comp=Z,1.4nm,0.7s,mb4.1,baz=186,slow=7.8,SNR=4.1	LR	LR	10 06 42.3					
YSS	comp=Z,2µm,18.2s,MS5.2,baz=275,slow=35	eP	P	09 41 48.2 -0.8					
YSS	Yuzh-Sakhalins 60.30 341	eP	P	09 41 55.6 -3.0					
YSS		e/SP	S	09 42 05.6 +3.3					
YSS		e/S	S	09 44 04.8					
YSS		e/SS	S	09 50 04.0 +2.7					
YSS		e/SS	S	09 50 24.0					
YSS	comp=N,50nm,1.2s	pmx	pmx						
YSS	comp=Z,180nm,1.2s,mb6.0	MLR	MLR						
YSS	comp=Z,2µm,16.0s,MS5.5	MLR	MLR						
YSS	comp=N,2µm,15.0s,MS5.5	MLR	MLR						
YSS	comp=E,2µm,16.0s,MS5.5	MLR	MLR						
YSS	Yuzh-Sakhalins 60.30 34	eP	P	09 41 49.8 +0.8					
YSS		LR	LR						
ARMA	Armidale 60.52 126	eP	P	09 41 52.7 +1.8					
CNB	Canberra Magne 60.06 132	eP	P	09 41 52.5 +0.6					
MAK	Makhachkala 60.73 320	eP	P	09 41 50.7 -1.3					
MAK		e	P	09 44 03.9					
MAK		e/PPP	P	09 45 41.6					
MAK		e/S	S	09 50 05.2 -1.8					
MAK		e/SS	S	09 51 40.6					
MSL	comp=Z,373nm,2.0s,mb6.2	ex	x	09 41 54.0					
MSL	Mosku 60.94 311	ex	x	09 50 06.0					
HAKT	HAKKARI 60.97 313	iP	P	09 41 53.4 -0.4					
GNI	Garni 61.29 316	iP	P	09 41 55.9 0.0					
GNI		pmx	pmx						
GNI	Garni 61.29 316	eP	P	09 41 56.6 +0.7					
GNI	comp=Z,46nm,1.0s,mb5.9	LR	LR						
GNI	comp=Z,839nm,19.0s,MS4.9	LR	LR						
GNI	Garni 61.29 316	P	P	09 41 56.5 +0.5					
GNI	SNR=10.0	P	P	09 41 56.5 +0.5					
GNI	Garni 61.29 316	P	P	09 41 56.5 +0.5					
GNI	SNR=10.0	P	P	09 41 56.5 +0.5					
DRGR	David-gareji 61.43 318	P	P	09 41 57.4 +0.6					
MTA	Mittasmina 61.93 318	P	P	09 42 00.0 -0.1					
GOR	Gori 62.51 318	P	P	09 42 03.1 -1.0					
SVE	Sverdlovsk 62.67 338	eP	P	09 42 04.5 -0.3					
SVE		e/S	S	09 44 18.4					
SVE		e/SS	S	09 50 38.9 +7.9					
SVE	comp=Z,105nm,1.3s,mb5.8	pmx	pmx						
SVE	comp=Z,2µm,18.0s,MS5.4	MLR	MLR						
TAU	Tasmania Unive 62.82 141	eP	P	09 42 06.1 0.0					
TAU		pmx	pmx						
TAU	comp=Z,140nm,2.0s,mb5.8	pmx	pmx						
TAU	Tasmania Unive 62.82 141	eP	P	09 42 14.7 -1.0					
TAU	comp=Z,155nm,2.0s	LR	LR						
TAU	comp=Z,2µm,19.0s,MS5.2	LR	LR						
ARU	Arti 63.16 337	P	P	09 42 07.3 -0.8					
ARU	comp=Z,244nm,1.1s,mb6.2,SNR=6.4	P	P	09 42 07.4 -0.7					
ARU	Arti 63.16 337	eP	P	09 42 07.4 -0.7					
ARU	comp=Z,80nm,1.4s,mb5.7	pmx	pmx						
ARU	Arti 63.16 337	eP	P	09 42 07.3 -0.9					
ARU	comp=Z,67nm,1.2s,mb5.5	LR	LR						
ARU	comp=Z,1µm,19.0s,MS5.2	LR	LR						
ONI	Oni 63.21 318	P	P	09 42 08.9 +0.1					
HNR	Honiara 63.33 101	P	P	09 42 10.2 +0.1					
HNR		pmx	pmx						
HNR	comp=Z,190nm,1.2s,mb6.1	eP	P	09 42 10.0 -0.1					
HNR	Honiara 63.33 101	eP	P	09 42 10.0 -0.1					
HNR	comp=Z,192nm,1.2s,mb6.1	LR	LR						
HNR	comp=Z,1µm,22.0s,MS5.0	LR	LR						
KIV	Kislovodsk 64.30 319	iP	P	09 42 15.6 -0.3					
KIV		e/S	S	09 42 52.2					
KIV		e/SS	SS	09 50 51.4 -0.5					
KIV		e/SS	SS	09 55 00.1 -2.0					
KIV	comp=Z,59nm,1.0s,mb5.6	pmx	pmx						
KIV	comp=Z,99nm,8.9s	pmx	pmx						
KIV	Kislovodsk 64.30 319	eP	P	09 42 15.7 -0.2					
KIV	comp=Z,53nm,0.9s,mb5.6	LR	LR						
KIV	comp=Z,793nm,19.0s,MS4.9	LR	LR						
KIV	Kislovodsk 64.30 319	P	P	09 42 16.0 +0.1					
KIV	SNR=18	P	P	09 42 16.5 +0.6					
KIV	Kislovodsk 64.30 319	iP	P	09 42 19.6 +0.4					
ELZG	Elazig 64.78 312	P	P	09 42 21.6 +0.2					
MALT	Malatya 65.13 312	eP	P	09 42 21.7 +0.3					
MALT	Malatya 65.13 312	iP	P	09 42 21.0 -1.5					
YAK	Yakutsk 65.38 16	iP	P	09 42 20.6 -1.6					
YAK		e/PPP	P	09 42 53.4					
YAK		e/S	S	09 44 45.2					
YAK		e/PPP	P	09 46 19.0					
YAK		e/S	S	09 51 03.9 -0.5					
YAK		e/SS	SS	09 52 10.6					
YAK		e/SS	SS	09 55 09.1 -8.9					
YAK	comp=Z,269nm,1.2s,mb6.2	pmx	pmx						
YAK	comp=N,108nm,1.4s	pmx	pmx						
YAK	comp=E,95nm,1.4s	pmx	pmx						
YAK	comp=Z,37nm,1.2s,mb5.3	pmx	pmx						
YAK	comp=N,47nm,1.9s	pmx	pmx						
YAK	comp=E,34nm,1.3s	smx	smx						
YAK	comp=N,184nm,2.1s	smx	smx						
YAK	comp=E,110nm,2.3s	MLR	MLR						
YAK	comp=Z,4µm,19.0s,MS5.7	MLR	MLR						
YAK	comp=N,3µm,20.0s,MS5.7	MLR	MLR						
YAK	comp=E,2µm,16.0s,MS5.7	MLR	MLR						
YAK	Yakutsk 65.38 16	eP	P	09 42 22.2 -0.3					
YAK		LR	LR						
YAK	comp=Z,2µm,19.0s,MS5.4	LR	LR						
GZT	Gaziantep 65.47 311	iP	P	09 42 23.8 +0.2					
SOC	Sochi 66.12 318	iP	P	09 42 26.5 -1.2					
SOC		e/SP	S	09 42 39.1 -1.9					
SOC		e/PPP	P	09 46 31.8					
SOC		e/S	S	09 51 11.0 -3.2					
SOC		e/SS	SS	09 52 18.9					
SOC		e/SS	SS	09 55 26.1 -4.2					
SOC	comp=Z,32nm,1.0s,mb5.3	MLR	MLR						
SOC	comp=Z,503nm,21.0s,MS4.7	MLR	MLR						
SOC	Sochi 66.12 318	iP	P	09 42 27.3 -0.4					
GRSN	Giresungrsn 66.14 315	eP	P	09 42 30.9 +3.0					
ANDN	Andrin 66.46 311	iP	P	09 42 30.3 +0.3					
CASY	Casey 68.04 174	PFAKE	LR	09 42 50.0 +1.1					
CASY		LR	LR						
CSS	comp=Z,2µm,19.0s,MS5.5	eP	P	09 42 40.0 -0.3					
Prodromos	68.08 307	eP	P						
ANN	Anapa 68.10 318	eP	P	09 42 38.1 -2.1					
ANN		e/S	S	09 51 32.3 -5.7					
ANN		e/SS	SS	09 56 03.3 +2.4					
ANN	comp=Z,106nm,5.1s	pmx	pmx						
ANN	comp=Z,577nm,20.0s,MS4.8	MLR	MLR						
VRHR	Novokhopersk 68.12 326	eP	P	09 42 38.6 -1.6					

VRHR	comp=Z,40nm,0.9s,mb5.5	e/PP	pP	09 42 48.7 -1.2					
VRHR		pmx	pmx						
VRHR	comp=N,30nm,0.8s	pmx	pmx						
VRHR	comp=E,10.0nm,0.4s	pmx	pmx						
BOYT	Boyabat 68.70 314	iP	P	09 42 44.1 0.0					
VORD	Divnogorie 69.38 325	eP	P	09 42 46.4 -1.7					
VORD	comp=Z,30nm,1.0s,mb5.2	pmx	pmx						
VORD	comp=N,20nm,0.9s	pmx	pmx						
VORD	comp=E,40nm,0.9s	pmx	pmx						
VORD	comp=N,490nm,20.0s,MS4.9	MLR	MLR						
VORD	comp=Z,660nm,20.0s,MS4.9	MLR	MLR						
VORD	comp=E,500nm,19.0s,MS4.9	MLR	MLR						
VRSR	Storozhevoje 69.55 325	eP	P	09 42 47.5 -1.6					
VRSR		e/PP	pP	09 42 55.1 -3.8					
VRSR		pmx	pmx						
VRSR	comp=Z,9.0nm,1.1s,mb4.6	pmx	pmx						
VRSR	comp=N,4.0nm,0.9s	pmx	pmx						
VRSR	comp=E,8.0nm,0.9s	pmx	pmx						
ANTO	Ankara 69.78 312	P	P	09 42 50.6 -0.2					
ANTO		pmx	pmx						
ANTO	comp=Z,89nm,1.2s,mb5.6	eP	P	09 42 50.5 -0.4					
ANTO	Ankara 69.78 312	eP	P						
ANTO	comp=Z,17nm,1.1s,mb4.9	LR	LR						
BALT	comp=Z,354nm,20.0s,MS4.6	iP	P	09 42 50.4 -0.6					
LSZ	Daday 69.82 314	iP	P	09 42 54.2 +0.6					
LSZ	Lusaka 70.16 253	eP	P						
LSZ	comp=Z,2µm,19.0s,MS5.4	MLR	MLR						
SIM	Simferopol' 70.36 318	eP	P	09 42 55.0 +0.7					
SIM		e/S	S	09 52 03.0 -1.7					
SIM	comp=Z,28nm,0.6s,mb5.4	pmx	pmx						
ISP	Isparta 70.98 310	eP	P	09 42 58.5 +0.3					
ESKT	Esiksehir 71.14 311	eP	P	09 42 58.2 -0.9					
MA2	Magadan 71.28 26	eP	P	09 42 58.3 -1.2					
MA2		e	e	09 43 06.2 -3.1					
MA2		e	e	09 43 12.6					
MA2		e/PPP	P	09 45 38.0					
MA2		e/S	S	09 47 13.8					
MA2		e/SS	SS	09 52 13.4 -1.5					
MA2	comp=Z,90nm,0.9s,mb5.7	MLR	MLR						
MA2	comp=Z,2µm,21.0s,MS5.4	MLR	MLR						
MA2	Magadan 71.28 26	eP	P	09 42 58.7 -0.9					
MA2	comp=Z,51nm,0.9s,mb5.5	LR	LR						
GDZ	Gediz 72.06 311	iP	P	09 43 04.2 -0.4					
PET	Petrovlovsk 72.18 34	iP	P	09 43 05.1 0.0					
PET		e	e	09 43 42.7					
PET		e	e	09 45 46.6					
PET		e/PPP	P	09 47 27.0					</



TAOE	Nuku Hiva Isla	122.40	100	eLR	LR	10 28 38.4
B11A	Sandpoint	122.58	26	↑P	PKPdf	09 50 35.9 0.0
SCHO	Schneffville	122.60	349	PKP	PKPdf	09 50 35.6 -0.2
SCHO	comp=Z,4.1nm,0.9s,baz=339,slow=1.9,SNR=4.0			PP	PP	09 52 13.5 +1.4
HAWA	Hanford	122.61	29	PFAKE	LR	09 50 50.0 +1.4
HAWA	comp=Z,4.65nm,20.0s,MS5.1			FLAKE	LR	
D09A	Jones Farm, Ri	122.72	28	↑P	PKPdf	09 50 36.2 -0.1
I04A	Tendick Farm,	122.87	33	↑P	PKPdf	09 50 36.1 -0.5
K02A	Glendale	122.92	35	↑P	PKPdf	09 50 37.0 +0.2
H05A	Madras	122.94	32	↑P	PKPdf	09 50 37.3 +0.5
A13A	Flathead Natio	123.03	24	↑P	PKPdf	09 50 36.9 +0.1
D10A	Wagner Farm, O	123.21	28	↑P	PKPdf	09 50 37.4 +0.2
L02A	Cave Junction,	123.24	36	↑P	PKPdf	09 50 37.1 -0.3
I05A	Bend	123.24	32	↑P	PKPdf	09 50 37.4 0.0
HUMO	Hull Mountain	123.32	35	PFAKE	LR	09 50 50.0 +1.2
HUMO	comp=Z,4.15nm,20.0s,MS5.1			FLAKE	LR	
HUMO	Hull Mountain	123.32	35	↑P	PKPdf	09 50 37.7 +0.1
H06A	Lindquist Farm	123.35	31	↑P	PKPdf	09 50 37.7 +0.1
J04A	Umpqua Nationa	123.39	34	↑P	PKPdf	09 50 38.2 +0.5
B13A	Whitefish	123.45	25	P	PKPdf	09 50 37.9 +0.3
D01A	Klaveano Farm,	123.64	27	↑P	PKPdf	09 50 37.3 -0.7
J05A	Fort Rock	123.85	33	↑P	PKPdf	09 50 38.6 +0.1
H07A	Lands Inn, Kim	123.85	31	↑P	PKPdf	09 50 39.2 +0.6
C13A	Hot Springs	123.94	25	↑P	PKPdf	09 50 38.4 -0.2
O06A	Prineville	123.95	32	↑P	PKPdf	09 50 39.2 +0.5
YBH	Yreka Blue Hor	124.02	35	PFAKE	LR	09 50 50.0 +1.1
YBH	comp=Z,6.01nm,20.0s,MS5.2			LR	LR	
YBH	Yreka Blue Hor	124.02	35	↑P	PKPdf	09 50 38.2 -0.7
F10A	Beach Ranch, E	124.02	28	↑P	PKPdf	09 50 38.7 -0.1
D12A	Red Ives Fores	124.08	26	↑P	PKPdf	09 50 38.1 -0.7
M02C	Callahan	124.15	36	↑P	PKPdf	09 50 39.1 -0.1
E11A	Boomer Ranch,	124.22	27	↑P	PKPdf	09 50 38.9 -0.2
C14A	Swan Lake	124.22	25	↑P	PKPdf	09 50 38.8 -0.3
I07A	Greay	124.23	31	↑P	PKPdf	09 50 39.4 +0.1
H08A	Prairie City	124.36	31	↑P	PKPdf	09 50 39.6 +0.1
K03A	Summer Lake	124.40	33	↑P	PKPdf	09 50 39.6 -0.1
D13A	Huson	124.44	26	P	PKPdf	09 50 39.1 -0.4
J06A	Christmas Vall	124.45	33	↑P	PKPdf	09 50 39.9 +0.2
M03C	McCloud	124.65	36	↑P	PKPdf	09 50 39.8 -0.4
K06A	Valley Falls	124.71	33	↑P	PKPdf	09 50 40.7 +0.5
BMO	Blue Mountains	124.80	29	PFAKE	LR	09 50 50.0 +1.0
BMO	comp=Z,6.14nm,22.0s,MS5.2			LR	LR	
J07A	Hines	124.82	31	↑P	PKPdf	09 50 41.3 +0.9
O08A	Drewsey	124.83	31	↑P	PKPdf	09 50 41.0 +0.6
WDC	Whiskeytown Da	124.84	36	PFAKE	LR	09 50 50.0 +9.5
WDC	comp=Z,5.78nm,21.0s,MS5.2			LR	LR	
D14A	Greenough	124.86	25	P	PKPdf	09 50 39.9 -0.5
MSO	Missoula	124.87	26	ePKPdf	LR	09 50 40.0 -0.4
MSO	comp=Z,6.70nm,20.0s,MS5.3			LR	LR	
G11A	Walters Elk Ra	124.90	28	↑P	PKPdf	09 50 40.1 -0.4
RKT	Rikitea	124.92	117	eLR	LR	10 29 42.7
P01C	Double B Ranch	125.05	38	↑P	PKPdf	09 50 40.6 -0.4
E13A	Victor	125.06	26	P	PKPdf	09 50 40.3 -0.5
CHMT	Chamberlain Mo	125.10	25	ePKPdf	PKPdf	09 50 40.4 -0.3
M05C	Lookout	125.16	35	↑P	PKPdf	09 50 41.4 +0.3
J09A	Lost Marbles R	125.21	30	↑P	PKPdf	09 50 41.1 -0.1
I08A	Circle Bar Ran	125.27	31	↑P	PKPdf	09 50 41.7 +0.5
MOD	Modoc	125.28	34	PFAKE	LR	09 50 50.0 +8.7
MOD	comp=Z,6.90nm,20.0s,MS5.3			LR	LR	
MOD	Modoc	125.28	34	↑P	PKPdf	09 50 41.8 +0.4
D15A	Lincoln	125.31	25	↑P	PKPdf	09 50 41.5 +0.3
GASB	Alder Springs	125.31	37	↑P	PKPdf	09 50 42.8 +1.3
K07A	Rock Creek Ran	125.32	33	↑P	PKPdf	09 50 42.2 +0.8
HATC	Hat Creek Radi	125.33	36	↑P	PKPdf	09 50 42.3 +0.8
E14A	Clinton	125.39	26	P	PKPdf	09 50 41.5 +0.1
HOPS	Hopland	125.50	38	PFAKE	LR	09 50 50.0 +8.1
HOPS	comp=Z,4.28nm,19.0s,MS5.1			LR	LR	
F13A	Darby	125.57	27	↑P	PKPdf	09 50 41.7 +0.1
H11A	Donnelly	125.54	29	↑P	PKPdf	09 50 41.7 0.0
EGMT	Eagleton	125.60	22	ePKPdf	LR	09 50 41.8 +0.1
EGMT	comp=Z,6.08nm,21.0s,MS5.4			LR	LR	
EGMT	Eagleton	125.60	22	↑P	PKPdf	09 50 41.5 -0.2
I10A	Payette	125.60	30	↑P	PKPdf	09 50 42.0 +0.1
M06C	Likely Place G	125.64	31	↑P	PKPdf	09 50 42.7 +0.7
J09C	Fry Pan Ranch,	125.65	31	↑P	PKPdf	09 50 42.3 +0.3
K08A	Mann Creek Ran	125.70	32	↑P	PKPdf	09 50 42.6 +0.4
L07A	Adell	125.73	33	↑P	PKPdf	09 50 42.5 +0.3
WVOR	Wild Horse Val	125.83	32	ePKIP	MLR	09 50 43.0 +0.6
WVOR	comp=Z,5.68nm,21.0s,MS5.2			MLR	MLR	
HRY	Holter Researc	125.86	24	ePKPdf	PKPdf	09 50 41.9 -0.4
O04C	Chester	125.87	36	↑P	PKPdf	09 50 42.8 +0.2
G13A	Colbert	126.08	27	↑P	PKPdf	09 50 42.3 -0.4
J10A	Berg Farm, Mel	126.10	30	↑P	PKPdf	09 50 43.3 +0.4
ORV	Oroville	126.11	37	↑P	PKPdf	09 50 43.0 0.0
K09A	Rome	126.12	32	↑P	PKPdf	09 50 43.6 +0.7
MCCM	Marconi Confer	126.13	39	PFAKE	LR	09 50 50.0 +6.9
MCCM	comp=Z,4.97nm,19.0s,MS5.2			LR	LR	
MCCM	Marconi Confer	126.13	39	↑P	PKPdf	09 50 42.1 -1.0
I11A	Placerville	126.15	29	↑P	PKPdf	09 50 42.7 -0.2
L08A	Fields	126.15	32	↑P	PKPdf	09 50 43.5 +0.5
O05C	Quincy	126.19	36	↑P	PKPdf	09 50 42.9 -0.2

H12A	Diamond D Ranc	126.20	28	↑P	PKPdf	09 50 42.9 -0.1
M07A	Soldier Meadow	126.25	34	↑P	PKPdf	09 50 43.6 +0.4
F15A	Butte	126.27	25	↑P	PKPdf	09 50 42.9 -0.2
N06A	Buffalo Meadow	126.31	35	↑P	PKPdf	09 50 43.9 +0.5
FARB	Farallon Islan	126.32	39	↑P	PKPdf	09 50 43.3 -0.2
H13A	Challis	126.47	28	↑P	PKPdf	09 50 43.6 +0.1
K10A	MacKenzie Ranc	126.51	31	↑P	PKPdf	09 50 43.6 -0.1
MFID	Camas Ranch	126.58	30	↑P	PKPdf	09 50 43.8 0.0
BEKR	Beckwourth	126.58	36	↑P	PKPdf	09 50 43.7 -0.2
DLMT	Dillon	126.60	26	ePKPdf	PKPdf	09 50 44.3 +0.6
L09A	Wilkinson Ranc	126.63	32	↑P	PKPdf	09 50 44.6 +0.7
M08A	Happy Creek Ra	126.65	33	↑P	PKPdf	09 50 44.6 +0.6
O06A	Flanigan	126.70	35	↑P	PKPdf	09 50 43.9 -0.2
N07B	Gerlach	126.77	34	↑P	PKPdf	09 50 44.9 +0.6
BOZ	Bozeman (W)	126.79	25	ePKIP	MLR	09 50 44.2 +0.1
BOZ	comp=Z,5.28nm,20.0s,MS5.2			MLR	MLR	
BOZ	Bozeman (W)	126.79	25	↑P	PKPdf	09 50 44.5 +0.3
P05C	Yuba Gap, Truc	126.80	36	↑P	PKPdf	09 50 44.9 +0.6
G15A	Dillon	126.80	26	↑P	PKPdf	09 50 44.7 +0.6
MCMT	McKenzie Canyo	126.91	26	ePKPdf	PKPdf	09 50 45.3 +0.9
K11A	Parker Ranch,	126.94	30	↑P	PKPdf	09 50 44.9 +0.4
I13A	Wildhorse Cree	127.03	28	P	PKPdf	09 50 45.6 +1.0
J12A	Stokes Ranch,	127.06	29	P	PKPdf	09 50 45.7 +1.0
LAVA	Lava Cap Winer	127.07	37	↑P	PKPdf	09 50 45.5 +0.4
DGMT	Dagmar	127.11	18	PFAKE	LR	09 51 00.0 +1.5
DGMT	comp=Z,1.1um,20.0s,MS5.5			LR	LR	
HLID	Halley	127.15	29	P	PKPdf	09 50 45.9 +1.0
M09A	Marret SNR=6.7	127.17	32	↑P	PKPdf	09 50 46.0 +1.0
L10A	Juniper Basin	127.22	31	↑P	PKPdf	09 50 45.9 +0.9
N08A	GE Springer Mi	127.24	34	↑P	PKPdf	09 50 45.7 +0.6
O07A	Toulon	127.24	35	↑P	PKPdf	09 50 45.6 +0.5
WCN	Wasco City	127.31	36	↑P	PKPdf	09 50 45.9 +0.6
J13A	Cove Ranch, Pi	127.39	29	P	PKPdf	09 50 46.4 +1.0
GCMT	Gray Mt	127.48	24	ePKPdf	PKPdf	09 50 45.3 -0.1
ULM	Lac du Bonnet	127.49	11	PKP	PKPdf	09 50 44.5 -0.9
S04C	Ingram Canyon,	127.50	39	↑P	PKPdf	09 50 46.7 +0.9
R05C	Kirkwood Meado	127.50	37	↑P	PKPdf	09 50 46.4 +0.7
L11A	Cat Creek Ranc	127.52	31	↑P	PKPdf	09 50 46.4 +0.8
N09A	Rock Creek Ran	127.52	33	↑P	PKPdf	09 50 46.8 +1.1
M10A	L.L. Ranch, Tu	127.58	32	↑P	PKPdf	09 50 46.6 +0.9
CMB	Columbia Colle	127.75	38	PFAKE	LR	09 51 00.0 +1.4
CMB	comp=Z,4.22nm,21.0s,MS5.1			LR	LR	
CMB	Columbia Colle	127.75	38	↑P	PKPdf	09 50 46.2 0.0
YMR	Madison River	127.86	25	PFAKE	LR	09 51 00.0 +1.4
SAO	San Andreas Ge	127.88	39	PFAKE	LR	09 51 00.0 +1.4
SAO	comp=Z,2.2um,22.0s,MS5.8			LR	LR	
L12A	House Creek Ra	127.91	30	↑P	PKPdf	09 50 46.7 +0.4
R06C	Coleville	127.99	36	↑P	PKPdf	09 50 47.3 +0.7
K13A	Stover Farm, H	128.00	29	↑P	PKPdf	09 50 47.4 +0.9
M11A	Holland Ranch,	128.04	31	↑P	PKPdf	09 50 47.4 +0.7
Q07A	Schurz	128.10	36	↑P	PKPdf	09 50 47.6 +0.8
O09A	Fish Creek Ran	128.18	33	↑P	PKPdf	09 50 47.4 +0.5
T05C	Eagle Field, D	128.28	39	↑P	PKPdf	09 50 47.0 -0.3
O10A	Cortez Mining,	128.47	33	↑P	PKPdf	09 50 47.9 +0.4
L13A	Double Diamond	128.49	29	↑P	PKPdf	09 50 47.9 +0.5
M12A	Wells	128.50	31	↑P	PKPdf	09 50 48.2 +0.7
N11A	Elko Archery C	128.51	32	↑P	PKPdf	09 50 48.0 +0.5
K14A	Jones Ranch, D	128.52	29	↑P	PKPdf	09 50 47.7 +0.2
R07C	Lee Vining	128.52	37	↑P	PKPdf	09 50 48.4 +0.8
U04C	Hernandez Rese	128.54	39	↑P	PKPdf	09 50 48.4 +0.9
Q08A	Gabbs	128.66	35	↑P	PKPdf	09 50 48.4 +0.5
NVAR	Mina Array Bea	128.73	36	PKP	PKPdf	09 50 49.2 +1.2
NVAR	Hat Creek Radi	128.73	36	PKP		

14d 10h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like W16A Flagstaff, X15A Humboldt, HRV Adam Dzewonski, etc.

2007 MAY

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LRAL comp=Z,1µm,19.0s,MS5.7, NHSC New Hope, VBMS Vicksburg, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VACH VACH, LCO Las Campanas, CFAA Coronel Fontan, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA, NVAR, YKA, TORO, etc.

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

CSEM 14 11:35:27.0.0.1, 4023N:2967E, h2km, MD2.7, Error ellipse: s-maj=2.6km s-min=2.0km az=101.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IZI, ADVT, YLW, GEMT, etc.

NIED 14 11:37:00, 3220N:141.0E, h47km, Mw4.9 Best double couple: M2:2.86000x1016 NP1:1.81.00000x...

MOS 14 11:37:17.1.1.1, 3204N:14077E, h33km, mb5.2/28, Error ellipse: s-maj=10.2km s-min=5.3km az=102.4

JMA 14 11:37:19.1.0.2, 3223N:14107E, h14km, Ms5.0

ISCJ 14 11:37:20.4.0.1, 3196N:002:14078E:002, h63km, mb4.9/96, Error ellipse: s-maj=3.3km s-min=2.1km az=25.9

BJI 14 11:37:20.4, 3200N:14109E, h94km, mb4.8, mb4.7

NEIC 14 11:37:22.1.0.2, 3199N:14081E, mb4.9/36, Mw4.9(NIED), Error ellipse: s-maj=4.8km s-min=4.4km az=118.0

GCMT 14 11:37:22.1.0.3, 3202N:14102E, h40km, 2km, Mw5.0/61, Moment Tensor Solution, s33,c41; s61,c90; Duration: 0

ISC 14 11:37:22.2.1, 3200N:002:14079E:002, h65km, mb5km, 8km, pP-P, n496, 6:577/517, mb4.9/96, 111C-104D, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHJ2, JHJ, JHJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMM, NVAR, YKA, TORO, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IZI, ADVT, YLW, GEMT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHJ2, JHJ, JHJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHJ2, JHJ, JHJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHJ2, JHJ, JHJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHJ2, JHJ, JHJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHJ2, JHJ, JHJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHJ2, JHJ, JHJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHJ2, JHJ, JHJ, etc.

MAN 14 10:55:39, 1134N:12555E, h32km, mb4.1, ML2.9, MS2.6, Samar

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

WEL 14 11:10:00.1-1.1, 3838S:17598E, h160km, 8km, ML3.6/8, Error ellipse: s-maj=10.0km s-min=8.0km az=90.0, North Island

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

ISC 14 11:23:10.9-2.6, 285S:13080E, h0km, mb4.0/2, mb1 4.0/4, mb1mx3.7/14, mbtmp3.9/4, ML3.5/2, MS4.6/1, Ms1 4.6/1, ms1mx3.2/19, Error ellipse: s-maj=133.8km s-min=25.8km az=75.0, Seram

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

ISC 14 11:24:50.6-2.0, 685S:12966E, h0km, mb3.9/1, mb1 4.4/4, mb1mx3.9/13, mbtmp4.2/4, ML4.4/3, Error ellipse: s-maj=53.7km s-min=30.6km az=76.0, Banda Sea

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

ISC 14 11:31:13.6-1.3, 364S:14998E, h0km, mb3.9/5, mb1 4.1/5, mb1mx3.8/13, mbtmp3.8/5, MS3.4/2, Ms1 3.4/2, ms1mx3.0/23, Error ellipse: s-maj=89.8km s-min=24.9km az=131.0, Bismark Sea

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

14d 11h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HHC, XAN, YAK, and ZALV.

2007 MAY

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

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ARCES, TOO, TOO, and JOF.







ASAR Alice Springs 46.55 252 P P 18 27 33.5 0.0
NVAR Mina Array Bea 76.88 44 P P 18 30 58.2 +0.4
TXAR Lajitas Array 83.75 67 P P 18 31 35.1 +0.1

IDC 14 18:35:47.8, 4.0, 517N-9431E, h0km, mb3.5/4, mb1 3.6/4,
mb1mx3.4/20, mbtbp3.5/4, Error ellipse:
s-maj=160.0km s-min=24.6km az=62.0, Northern
Sumatera

IDC 14 19:02:40.3, 0.9, 948N-8371W, h0km, mb3.9/9, mb1 4.2/11,
mb1mx4.0/21, mbtbp4.0/11, ML3.9/2, MS3.7/1, Ms1 3.7/11,
ms1mx3.3/31, Error ellipse: s-maj=34.5km s-min=20.0km
az=64.0

Code Station Name Az Az' Phase ID Time Res
BUS Buena Vista 2.00 358 i P Pn 19 02 52.7 -1.9
BARS Barro Colorado 0.45 104 i P Pn 19 02 59.9 -0.5
LCHR2 La Lucha 2 0.46 327 i P Pn 19 02 55.2 -2.0

MOMU Momotombo 4.09 318 e P Pn 19 03 46.5 -0.2
TELG3 Telica 4.41 317 e P Pn 19 03 41.1 0.0
TEIG El Rosal 10.36 115 Pn Pn 19 05 17.5 +4.7
REOSC Tepich 2.2, 5nm, 0.3s, baz=101, slow=18, SNR=6.1
TEIG Tepich 2.2, 5nm, 0.3s, baz=188, slow=19, SNR=6.9

ASAR Alice Springs 141.34 244 PKP PKPdf 19 22 11.5 -1.8
WRA Warramunga Arr 141.75 250 PKP PKPdf 19 22 14.5 +0.3
ISCJB 14 19:03:32.4-0.3, 1257N-004:47.40E-003, h10km,
mb4.5/52, MS3.7/18, Error ellipse: s-maj=5.7km
s-min=3.6km az=1.9

ISCJB 14 19:03:32.7-0.6, 1258N-4758E, h0km, mb4.3/19,
mb1 4.4/21, mb1mx4.3/29, mbtbp4.3/21, ML3.6/2, MS3.7/15,
Ms1 3.7/15, ms1mx3.6/26, Error ellipse: s-maj=17.5km
s-min=13.4km az=102.0

OMAN 14 19:03:37.0, 1259N-4738E, h15km
BUJ 14 19:03:38.8, 1291N-4836E, h10km, mb5.0, mb4.7
ISC 14 19:03:35.3, 1.5, 1256N-004:4739E-003, h17km, 9km,
h1kmx2.1, km, p-P, 1.57, s1, 27/161, mb4.5/52, MS3.7/18,
20C-9D, Eastern Gulf of Aden

Code Station Name Az Az' Phase ID Time Res
BDHA Al Bayda' 2.26 309 i P Pn 19 04 10.6 -1.2
BDHA Al Bayda' 2.26 309 i P Pn 19 04 37.0 -2.4
BDHA Al Bayda' 2.26 309 i P Pn 19 04 38.3 -2.4

MUKL Al Mukalla 2.49 40 AML AML 19 04 39.3
DHBB Dhamar Bb 3.54 305 i P Pn 19 04 30.3 +0.9
DHBB Dhamar Bb 3.54 305 i P Pn 19 05 11.1 +0.4
UDYN Al 'Udayn 3.61 293 i P Pn 19 04 30.3 -0.2

MIM Mutribah 17.16 360 e P Pn 19 07 32.9 -1.4
MIM Mutribah 17.16 360 e P Pn 19 07 38.0 -1.4
MIM Mutribah 17.16 360 e P Pn 19 07 32.8 -1.4
EIL Elat 20.57 328 P Pn 19 08 14.1 +0.8
EIL Elat 20.57 328 P Pn 19 14 19.1

GNI Gani 27.58 356 e P Pn 19 09 23.8 +2.3
GNI Gani 27.58 356 e P Pn 19 09 24.6 +3.1
GNI Gani 27.58 356 e P Pn 19 09 24.3 +1.9
GNI Gani 27.58 356 i P Pn 19 09 21.5 +0.1
GNI Gani 27.58 356 i P Pn 19 09 21.5 +0.1

ANN Anapa 33.24 347 e P Pn 19 10 11.8 +0.4
LSZ Lusaka 33.56 215 e P Pn 19 10 14.2 -0.3
SIM Simferopol' 34.21 343 e P Pn 19 10 21.0 +1.1
SIM Simferopol' 34.21 343 e P Pn 19 15 41.0 -4.7

AML Almayashu 37.30 33 e P P 19 10 47.4 +1.0
AML Almayashu 37.30 33 e P P 19 10 47.6 +1.2
AML Almayashu 37.30 33 e P P 19 10 47.4 +1.0

DANN Dangsing 37.34 60 e P P 19 10 46.0 -1.0
VRI Vriacoala 37.54 336 i P P 19 10 52.4 +3.9
MLR Mulele Rosu 37.55 335 i P P 19 10 52.4 +3.9
EKS2 Erkin-Say 37.71 32 e P P 19 10 50.5 +0.6

PKSM Moragy 41.41 330 i P P 19 11 20.6 -0.1
UZU Uztrakod 41.56 335 e P P 19 11 20.6 +1.2
KOLS Kolonicke sedl 41.80 335 e P P 19 11 24.8 +1.0
KOLS Kolonicke sedl 41.80 335 e P P 19 11 24.9 +1.1

MOS Moscow 43.75 352 e P P 19 11 41.1 +1.6
MOS Moscow 43.75 352 e P P 19 13 22.7 -1.9
MOS Moscow 43.75 352 e P P 19 13 32.8 -1.9
MOS Moscow 43.75 352 e P P 19 14 11.1 +0.8

WAR Warsaw 44.90 337 e P P 19 11 52.5 +3.7
WAR Warsaw 44.90 337 e P P 19 11 52.5 +3.7
MKAR Makachi Array 44.99 341 e P P 19 11 49.1 -0.5
MKAR Makachi Array 44.99 341 e P P 19 11 49.1 -0.5

NOB2 NORSAR Subarray 55.09 339 P P 19 13 05.2 -0.8
NOA NORSAR Array B 55.09 339 P P 19 13 05.2 -0.8
NOA NORSAR Array B 55.09 339 P P 19 13 05.2 -0.8





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Zalesovo Beam, Kurchatov, Borovoy, etc.

ISCJB 14 22:46:28.1±0.6, 3839N-002.2040E:004, h4km, 4km, Error ellipse: s-maj=5.2km s-min=3.4km az=148.6

CSEM 14 22:46:28.4±0.1, 3836N-2034E, h1km, 1km, MD3.5, Error ellipse: s-maj=2.4km s-min=1.5km az=60.0

ATH 14 22:46:28.6, 3840N-2046E, h8km, 1km, MD3.7, Error ellipse: s-maj=3.8km s-min=2.4km az=113.0

NEIC 14 22:46:28.5, 3837N-2042E, h13km, MD3.5(ATH), After ATH.

THE 14 22:46:29.4, 3839N-2044E, h1km, ML4.1

ISC 14 22:46:28.9±0.6, 3838N-002.2043E:004, h8km, 4km, n29, ±104/51, 1C, Greece

Main table for 14d 23h section, listing stations like Valsamata, Levkas, Anninata, etc.

ISCJB 14 23:01:46.2±0.7, 566S-01:249W.03, h10km, mb4.6/4, MS3.8/2, Error ellipse: s-maj=23.0km s-min=18.2km az=158.6

ISC 14 23:01:46.3±2.3, 5657S-2488W, h0km, mb4.3, mb1 4.5/3, mb1mx4.0/15, mbtmp4.3/3, MS3.8/3, Ms1 3.8/3, ms1mx3.4/21, Error ellipse: s-maj=85.3km s-min=35.3km az=10.0

NEIC 14 23:01:51.4±0.5, 5662S-2493W, h35km, mb4.7/2, Error ellipse: s-maj=16.6km s-min=13.2km az=68.0

ISC 14 23:01:47.9±0.7, 5665S-01:249W.03, h10km, n13, c054/8, mb4.6/4, MS3.8/2, South Sandwich Islands region

Table for 14d 23h section, listing stations like Paso Flores, South Pole Qui, Villa Florida, etc.

ISC 14 23:03:49.3±1.0, 3756N-3560E, h0km, mb3.4/5, mb1 3.6/12, mb1mx3.5/22, mbtmp3.6/12, ML3.7/7, MS2.7/4, Ms1 2.7/4, ms1mx3.3/20, Error ellipse: s-maj=20.0km s-min=16.1km az=122.0

CSEM 14 23:03:49.0±0.0, 3751N-3577E, h15km, ML3.7, Error ellipse: s-maj=1.3km s-min=1.0km az=56.0

DDA 14 23:03:49.5, 3758N-3577E, h5km, 4km, MD3.7, M3.7

NEIC 14 23:03:49.6, 3753N-3571E, h6km, ML3.9(ISK), After ISK.

ISK 14 23:03:49.3, 3754N-3574E, h6km, MD4.0, ML3.9

ISCJB 14 23:03:51.3±0.5, 3750N-002:3574E:002, h28km, 4km, mb3.3/4, MS2.5/2, Error ellipse: s-maj=3.3km s-min=2.8km az=161.9

NSSC 14 23:03:53.5, 3733N-3578E, h21km, 4km

ISC 14 23:03:51.3±0.5, 3749N-002:3576E:002, h16km, 3km, n122, ±18/150, mb3.3/4, MS2.5/2, 1D, Turkey

Table for 14d 23h section, listing stations like Andrin, Ceyhan, Karaisali, etc.

Main table for 2007 MAY section, listing stations like Gaziantep, Bunyan, Hatay, etc.

ISCJB 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

mb4.4/5, Error ellipse: s-maj=10.5km s-min=8.6km az=172.7

IDC 14 23:07:07.5±2.2, 847S-11717E, h0km, mb4.1/4, mb1 4.4/7, mb1mx4.0/19, mbtmp4.3/7, ML4.2/1, Error ellipse: s-maj=36.4km s-min=26.2km az=113.0

NEIC 14 23:07:13.9±0.5, 847S-11736E, h35km, mb4.3/4, Error ellipse: s-maj=13.6km s-min=8.2km az=50.0

NEIC Felt [III] at Sumbawa Besar.

ISC 14 23:07:12.0±2.3, 853S-005:11740E:007, h1km, 2km, n25, ±19/20/33, mb4.3/5, Sumbawa region

Main table for 2007 MAY section, listing stations like Kappang, Warramunga Arr, etc.

ISCJB 14 23:21:02.6±1.6, 467N-01:1527E:02, h79km, 13km, mb3.6/11, Error ellipse: s-maj=25.4km s-min=9.7km az=136.4

MOS 14 23:21:03.6±1.2, 4670N-15258E, h88km, mb4.1/5, Error ellipse: s-maj=21.7km s-min=15.5km az=79.3

IDC 14 23:21:09.1±4.6, 4664N-15235E, h118km, 41km, mb3.4/12, mb1 3.6/13, mb1mx3.5/22, mbtmp3.7/13, Error ellipse: s-maj=27.6km s-min=20.5km az=96.0

ISC 14 23:21:04.8±1.4, 467N-01:1527E:02, h81km, 11km, n24, ±09/20/25, mb3.6/11, 1C, Kuril Islands

Main table for 2007 MAY section, listing stations like Severo-Kuril's, Yuzh-Sakhalins, etc.

IDC 14 23:44:42.8±0.7, 295S-17865W, h217km, 14km, mb3.3/2, mb1 3.6/2, mb1mx3.1/1, mbtmp3.1/2, Error ellipse: s-maj=72.1km s-min=30.4km az=15.0, Kermadec Islands

Table for 2007 MAY section, listing stations like Raoul Island, Urewera, etc.

ISCJB 14 23:07:07.1±2.2, 846S-005:11733E:006, h0km, 13km,

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

MAN 14 23:51:34, 1226N, 12572E, h28km, mb5.5, ML4.5, MS4.8
ISCJB 14 23:51:35.9, 0.6, 1220N, 003, 12568E, 005, h42km, 5km, mb4.8/62, MS4.1/24, Error ellipse: s-maj=7.7km

MOS 14 23:51:36.8, 0.8, 1233N, 12557E, h42km, mb5.1/13, MS4.1/5, Error ellipse: s-maj=20.5km s-min=7.8km
BUJ 14 23:51:36.3, 1215N, 12551E, h42km, mb5.0, mb4.7, MS4.3, MS4.2

ISC 14 23:51:37.0, 2.2, 1206N, 12552E, h38km, 18km, mb4.2/16, mb1.4, 3/17, mb1mx4.3/20, mbtmp4.2/17, ML3.6/1, MS3.9/15, MS1.4, 0/15, ms1mx3.8/25, Error ellipse: s-maj=34.8km s-min=10.1km az=77.0

NEIC 14 23:51:38.0, 1.4, 1218N, 12567E, h47km, 12km, mb5.0/16, Error ellipse: s-maj=12.9km s-min=6.3km az=77.0
ISC 14 23:51:37.3, 0.6, 1217N, 003, 12567E, 005, h40km, 5km, h39km, 6.4km, p-P, 1.69, 0.998/174, mb4.8/62, MS4.1/24, 17C-9D, Samar

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, C. Lists numerous stations including BORANGAN, CATAMARAN, PALO, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, C. Lists numerous stations including KSRS, KAKA, XAN, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, C. Lists numerous stations including CHMS, FRU, NVP, etc.

15d 1h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GERES, TORO, DPB, and PLCA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KAPI, FITZ, WRA, ASAR, and MKAR.

DDA 15 00:39:16.7, 3781N-28.16E, h7km, 6km, Md2.9
ISK 15 00:39:17.1, 3779N-28.16E, h6km, MD3.0
CSEM 15 00:39:17.2, 3780N-28.16E, h10km, MD3.0, Error ellipse: s-maj=3.2km s-min=2.5km az=100.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MLSS, YER, DENT, MANT, MAJJO, and many others.

MOS 15 00:39:53.9, 0.9, 672S:10927E, h211km, mb4.4/9, Error ellipse: s-maj=13.5km s-min=3.7km az=114.4
ISCJB 15 00:39:54.9, 0.9, 672S:10927E, h224km, 4km, mb4.4/38, Error ellipse: s-maj=8.3km s-min=5.3km az=39.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BJLI, JCJI, SBJI, KRKI, and many others.

2007 MAY

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WRAB, ASAR, and FORT.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CTA, STKA, and LSA.

TOO 15 00:39:17.1, 3779N-28.16E, h6km, MD3.0
ISCJB 15 00:39:17.3, 0.6, 3779N-28.16E, h5km, 6km, Error ellipse: s-maj=2.5km s-min=3.3km az=21.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BJT, KSR, HNR, MAJO, and many others.

KURK 15 00:39:53.9, 0.9, 672S:10927E, h211km, mb4.4/9, Error ellipse: s-maj=13.5km s-min=3.7km az=114.4
ISCJB 15 00:39:54.9, 0.9, 672S:10927E, h224km, 4km, mb4.4/38, Error ellipse: s-maj=8.3km s-min=5.3km az=39.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RDF, NAY, YAK, and many others.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ULM, SCHO, and SCHO.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PLCA, RSSD, ANMO, and TXAR.

ELN 15 00:39:17.1, 3779N-28.16E, h6km, MD3.0
ISCJB 15 00:39:17.3, 0.6, 3779N-28.16E, h5km, 6km, Error ellipse: s-maj=2.5km s-min=3.3km az=21.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ERPA, JCT, ALLY, and many others.

DKC 15 01:02:01.5, 1.0, 125S-2366W, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.8/2, mb1mx3.8/5, MS3.2, Ms1 3.2/2, s-min=2.0km az=146.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BBTS, DBIC, TORO, and many others.

ISC 15 01:13:17.3, 3.1, 338S:11789W, h0km, mb3.7/2, mb1 4.0/3, mb1mx3.8/13, mb1mx3.8/13, ML3.9/1, Error ellipse: s-maj=72.2km s-min=36.6km az=116.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like URZ, ASAR, WRA, and many others.

ISC 15 01:14:53.0, 0.5, 5548S:12819W, h0km, mb4.5/13, mb1 4.6/13, mb1mx4.6/16, mb1mx4.6/16, MS5.2/14, Ms1 5.1/14, ms1mx5.1/17, Error ellipse: s-maj=23.1km s-min=15.1km az=169.0









Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like ARCES, FINES, AKASG, MALT, BSEG, KWP, KOLS, STHS, VRS, TIR, HARR, CRVS, TRPA, UPC, CLL, CLZ, MRL, DPC, MORC, BRGG, FBE, NEUB, PVCC, DRGR, VYHS, PRU, MOX, MOX, KOL, WERD, GUNZ, WERN, TREC, MANZ, ROTZ, KHC, GRA1, GRF, BZS, GECZ, GERES, GERES, GERES, CONA, CSNA, PKSM, VTS, WTAA, ABTA, TORD, TORD.

CSEM 15 03:40:38.9.0.1, 3633N:1.62E, h15km, mb3.2/9, Error ellipse: s-maj=3.1km s-min=2.9km az=151.0
CRAAG 15 03:40:38.1, 3645N:1.47E, M13.4
ISCJB 15 03:40:39.1.0.0.6, 3644N:0.03E, 163E:0.05, h11km, Error ellipse: s-maj=0.6km s-min=4.3km az=9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like EBNR, ECHA, ECHF, ENAN, ETRT, ESHD, EIBI, EIBI, EIBI, EMUR, EMUR, EMUR, EBEN, EBEN, EBEN, ETOB, ETOB, ETOB, ETOS, ETOS, ETOS, EBER, EBER, EBER, ECHE, EQES, EQES, EQES, EMOS, EMOS, EMOS, ERTA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like ERTA, ERTA, EBAN, EBAN, ISCJB, NEIC, IDC, ISC, KAPI, BATI, BATI, FITZ, FITZ, FITZ, MBWA, WRA, WRA, ASAR, STKA, MKAR.

CSEM 15 04:22:46.7.0.2, 3756N:3.658E, h2km, MD2.6, Error ellipse: s-maj=3.9km s-min=3.5km az=10.0
ISCJB 15 04:22:47.4, 3754N:3.567E, h21km, ML2.4
ISCJB 15 04:22:48.7.0.6, 3752N:0.004E, 357E:0.05, h16km, 7km, Error ellipse: s-maj=7.4km s-min=6.1km az=17.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like KOZT, KOZT, CEYT, CEYT, ANDN, ANDN, KAR, KAR, MERS, MERS, BNT, BNT, AVNT, GZT.

ISCJB 15 04:28:50.5.0.9, 3409N:0.10E, 82E:0.2, h10km, mb3.5/5, Error ellipse: s-maj=22.8km s-min=13.6km az=173.2
IDC 15 04:28:50.5.1.0, 3407N:81.92E, h0km, mb3.6/m, mb1.3/9.8, mb1mx3.7/23, mbmp3.7/8, ML3.6/2.9, MS3.3/1, M1.3/3.1, ms1mx2.5/32, Error ellipse: s-maj=38.5km s-min=21.7km az=60.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like WMO, MK31, MKAR, KURK, ZALV, BVAR, BRVK, GERES, WRA, WRA, ASAR, YKA.

IDC 15 05:08:14.3.2.8, 537S:146.82E, h0km, mb4.0/3, mb1.4/3, mb1mx3.8/13, mbmp4.1/4, Error ellipse: s-maj=69.6km s-min=26.5km az=132.0
NEIC 15 05:08:19.6.4.5, 539S:146.77E, h35km, mb4.2/2, Error ellipse: s-maj=80.5km s-min=43.2km az=204.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like TLL, TLL, Tololo, Tololo, OVCH, OVCH, OVCH, PEL, PEL, FCH, FCH, FCH, LSCB, LSCB, LSCB, CLCH, CLCH, PCH, PCH, LCO, LCO, LMEL, LMEL, LMEL, TACH, TACH, TACH, CACH, CACH, CACH, VACH, VACH, CICH, CICH.

ISCJB 15 05:43:44.5.0.4, 544S:0.06E, 57E:0.2, h10km, mb4.7/17, MS4.1/14, Error ellipse: s-maj=13.1km s-min=8.8km az=3.8
IDC 15 05:43:44.5.0.5, 544S:0.573E, h0km, mb4.7/15, MS1.4/7.16, mb1mx4.6/19, mbmp4.7/16, ML3.8/1.1, MS4.1/15, MS1.4/1.15, ms1mx4.0/26, Error ellipse: s-maj=17.2km s-min=15.9km az=79.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like MAIT, MAIT, VNA1, VNA1, VNA1, VNA1, VNA2, VNA2, SANA, SANA, SANA, SANA, SANA, SYO, SYO, SYO, MAW, MAW, MAW, BOS, BOS, BOS, BOS, BOS.

ISCJB 15 05:43:47.0.7, 5446S:0.08E, 57E:0.2, h14km, 46km, n60, 089S:27, mb4.7/17, MS4.1/14, 1C-1D, Bouvet Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, H m s, ISC. Includes stations like USHA, USHA, LSZ, LSZ, SBA, SBA, PLCA, PLCA, CPUP, CPUP, CPUP, CPUP, CPUP, BDFB, BDFB, BDFB, DBIC, DBIC, TORD, TORD, TORD, LPAZ, LPAZ, LPAZ.

















CLNS	ePPP	11 27 19.1			
CLNS	e	11 31 04.2			
CLNS	eSS	11 31 22.2			
CLNS	e	11 38 18.6			
CLNS	comp=Z,153nm,1.1s				
CLNS	comp=N,152nm,0.9s				
CLNS	comp=E,139nm,0.9s				
CLNS	comp=Z,3um,13.0s,MS4.9				
CLNS	comp=N,1um,10.0s,MS4.9				
CLNS	comp=E,2um,12.0s,MS4.9				
NRGR	Nerungi	20.19 307	iP	P	11 26 57.5 +4.3
CN2	Changchun	20.65 270	eS	S	11 26 56.4 -1.8
CN2			eS	S	11 30 41.1 -7.7
CN2	comp=Z,40nm,0.9s				
CN2	comp=Z,200nm,7.0s				
CN2	comp=N,2um,14.0s,MS4.9				
CN2	comp=E,3um,14.0s,MS4.9				
CN2	comp=Z,4um,13.0s,MS4.9				
BILL	Bilibino	21.16 12	iP	P	11 27 00.8 -2.7
BILL			iS	S	11 27 20.1
BILL			iS	S	11 30 56.0 -2.5
BILL	comp=Z,36nm,1.0s,mb4.7				
BILL	comp=Z,2um,16.0s,MS4.7				
BILL	comp=Z,3nm,0.9s,mb4.7				
KSR5	Korea Array	22.08 252	P	P	11 27 14.2 +0.5
KSR5	comp=Z,113nm,1.0s,mb5.3,baz=55,slow=10,SNR=141				
KSR5					
SNY	Shenyang	22.70 266	iP	P	11 27 19.6 -0.6
SNY	comp=Z,25nm,0.7s,mb4.8				
SNY	comp=Z,218nm,5.1s				
SNY	comp=N,2um,13.3s,MS5.0				
SNY	comp=E,4um,17.1s,MS5.0				
SNY	comp=Z,4um,19.8s,MS4.8				
INCN	Inchon	22.89 254	P	P	11 27 23.7 +1.4
INCN	SNR=13				
INCN	Inchon	22.89 254	P	P	11 27 23.7 +1.4
INCN	SNR=13				
INCN	Inchon	22.89 254	P	P	11 27 23.7 +1.4
INCN	SNR=13				
INCN	Inchon	22.89 254	P	P	11 27 23.7 +1.4
INCN	SNR=13				
JNU	Nakatsue	23.12 239	P	P	11 27 25.8 +1.1
JNU	comp=Z,64nm,1.1s,mb5.0,baz=29,slow=15,SNR=17				
JNU					
JNU	comp=Z,1um,18.2s,MS4.3,baz=46,slow=37				
GAMB	Gambell	24.39 37	eP	P	11 27 37.8 +1.2
DL2	Dalian	25.41 262	iP	P	11 27 47.5 +1.4
DL2	comp=Z,30nm,0.9s,mb4.8				
DL2	comp=Z,110nm,5.9s				
DL2	comp=N,940nm,13.6s,MS4.5				
DL2	comp=E,490nm,14.6s,MS4.5				
DL2	comp=Z,900nm,14.2s,MS4.4				
BOD	Bodaibo	26.13 308	eP	P	11 27 50.1 -2.4
BOD			e	e	11 28 08.1
BOD			e	e	11 27 55.5 -2.6
TIXI	Tiksi	26.77 342	eP	P	11 27 55.5 -2.6
TIXI	comp=Z,18nm,1.0s,mb4.6				
TIXI	comp=Z,17nm,1.0s,mb4.5				
TIXI	comp=Z,4um,16.0s,MS5.1				
BJI	Beijing	28.50 269	P	P	11 28 12.8 -1.2
BJI			AP	pP	11 28 16.8 -0.2
BJI			AMB	AMB	
BJI	comp=Z,5.0nm,0.5s,mb4.5				
BJI	comp=Z,162nm,3.8s				
BJI	comp=N,3um,16.2s,MS5.0				
BJI	comp=E,2um,19.8s,MS5.0				
BJI	comp=Z,3um,21.6s,MS4.8				
BJT	Baijiatuu	28.52 269	eP	P	11 28 16.2 +2.1
BJT			e	e	11 28 16.2 +2.0
BJT	comp=Z,15nm,0.8s				
BJT	Baijiatuu	28.52 269	eP	P	11 28 22.4 +0.7
BJT	comp=Z,15nm,0.8s,mb4.8				
JOW	Kunigami	29.35 234	P	P	11 28 32.6 +1.6
JOW	comp=Z,12nm,0.7s,mb4.7,baz=16,slow=12,SNR=6.1				
SSE	Sheshan	30.41 249	P	P	11 28 38.0 +2.7
SSE			XP	sP	11 33 31.3 -0.3
SSE			S	S	
SSE	comp=Z,62nm,0.7s,mb5.5				
SSE	comp=Z,79nm,5.5s				
SSE	comp=N,1um,22.0s,MS4.5				
SSE	comp=E,492nm,22.0s,MS4.5				
SSE	comp=Z,1um,20.2s,MS4.5				
TTA	Tatalina	30.97 42	eP	P	11 28 35.2 -0.4
TTA			eP	P	11 28 35.6 +0.1
TTA	Tatalina	30.97 42	eP	P	11 28 36.9 +0.7
SWV2	Sparrevohn	31.04 46	eP	P	11 28 38.3 +0.2
HHC	Hu-ho-hao-te	31.23 273	iP	P	11 28 42.9 +1.6
HHC			AP	pP	11 28 45.3 +2.9
HHC			XP	sP	11 29 40.3 -8.2
HHC			PP	PP	11 31 34.0 +1.5
HHC			PCP	PcP	
HHC			AMB	AMB	
HHC	comp=Z,77nm,1.1s,mb5.5				
HHC	comp=Z,284nm,5.2s				
HHC	comp=N,3um,14.1s,MS5.2				
HHC	comp=E,3um,15.9s,MS5.2				
HHC	comp=Z,4um,15.7s,MS5.2				
NJ2	Nanjing	31.27 253	eP	P	11 28 39.4 +0.9
NJ2			AP	pP	11 28 43.9 +1.7
NJ2			XP	sP	11 28 46.8 +4.0
NJ2			PP	PP	11 29 41.1 -7.9
NJ2			AMB	AMB	
NJ2	comp=Z,40nm,1.0s,mb5.2				
NJ2	comp=Z,230nm,7.4s				
NJ2	comp=N,7um,18.2s,MS5.5				
NJ2	comp=E,5um,15.2s,MS5.5				
NJ2	comp=Z,5um,14.7s,MS5.3				
ULN	Ulaanbaatar	31.52 288	eP	P	11 28 40.4 -0.2
ULN			e	e	11 28 40.4 -0.2
ULN	comp=Z,5.0nm,0.9s,mb4.3				
ULN	Ulaanbaatar	31.52 288	eP	P	11 28 43.4 -1.0
ULN	comp=Z,4.8nm,0.9s,mb4.3				
SOMM	Songino Array	31.95 288	P	P	11 31 35.0
SOMM			P	P	11 28 43.4 -1.0
SOMM	Songino Array	31.95 288	P	P	11 31 35.0 +0.8
SOMM	comp=Z,3.8nm,0.9s,mb4.2,baz=64,slow=8.0,SNR=22				
SOMM			PcP	PcP	
SOMM	comp=Z,3.5nm,0.8s,baz=99,slow=2.1,SNR=7.2				
SOMM			LR	LR	11 42 40.0

IMA2	Indian Mountain	32.37 37	eP	P	11 28 47.9 +0.1
TLY	Talaya	32.61 296	eP	P	11 28 50.0 -0.1
TLY			eSS	SS	11 30 06.6
TLY			eSS	SS	11 35 57.6 -2.8
TLY	comp=Z,10.0nm,0.7s,mb4.8				
TLY			MLR	MLR	
KDAK	Kodiak Island	32.67 52	P	P	11 28 50.0 -0.5
KDAK	comp=Z,341nm,0.9s,mb5.3,SNR=5.4				
KDAK	Kodiak Island	32.67 52	P	P	11 28 49.8 -0.7
KDAK	comp=Z,40nm,0.8s,mb5.4,baz=292,slow=1.4,SNR=14				
KDAK			LR	LR	11 41 42.1
ZAK	Zakamensk	33.7 294	iP	P	11 28 53.9 -1.1
ZAK			e	e	11 30 13.5
ZAK			e	e	
ZAK	comp=Z,3.0nm,1.1s,mb4.1				
PMR	Palmer	34.15 45	eP	P	11 29 05.0 +1.6
PMR			e	e	11 29 03.6 +0.2
PMR	comp=Z,30nm,1.1s,mb5.1				
PMR	Palmer	34.15 45	eP	P	11 29 05.0 +1.6
PMR	comp=Z,28nm,1.3s,mb5.0				
MOY	Mondy	34.22 297	eP	P	11 29 05.1 -2.6
SML	Samwill	34.52 45	eP	P	11 29 06.2 -0.4
COLA	College	34.70 39d	iP	P	11 29 07.8 -0.3
COLA	College	34.70 39	eP	P	11 29 08.0 -0.1
YEHG	Yeheng	34.94 240	eP	P	11 29 13.2 +2.6
GUMG	Guam	35.05 197	LR	LR	11 42 32.5
GUMG	comp=Z,325nm,18.2s,MS4.1,baz=237,slow=35				
WHN	Wuhan	35.17 255	iP	P	11 29 13.0 +0.4
WHN			S	S	11 34 45.4 -0.2
WHN			S	S	
WHN	comp=Z,107nm,0.8s,mb5.8				
WHN	comp=N,4um,16.2s,MS5.3				
WHN	comp=E,3um,18.4s,MS5.3				
WHN	comp=Z,3um,13.6s,MS5.2				
QZH	Quanzhou	36.40 244	iP	P	11 29 25.3 +2.2
QZH			S	S	11 35 08.0 +3.5
QZH			S	S	
QZH	comp=Z,60nm,0.6s,mb5.7				
QZH	comp=N,580nm,13.5s,MS4.9				
QZH	comp=E,1um,12.8s,MS4.9				
QZH	comp=Z,1um,15.4s,MS4.7				
XAN	Xi'an	36.61 265	P	P	11 29 24.3 -0.6
XAN			AP	pP	11 29 31.8 +3.8
XAN			AMB	AMB	
XAN	comp=Z,28nm,1.0s,mb5.0				
XAN	comp=Z,119nm,7.6s				
XAN	comp=N,2um,13.9s,MS5.1				
XAN	comp=E,2um,14.4s,MS5.1				
XAN	comp=Z,2um,14.6s,MS5.1				
DAWY	Dawson	38.40 40	eP	P	11 29 39.8 +0.1
LZH	Lanzhou	38.87 272	eP	P	11 29 44.8 +0.7
LZH			AP	pP	11 29 40.9 +3.3
LZH			XP	sP	11 29 52.0 +3.7
LZH			PP	PP	11 31 15.1 +2.3
LZH			PCP	PcP	11 31 49.3 -5.5
LZH			AMB	AMB	
LZH	comp=Z,77nm,1.1s,mb5.3				
LZH	comp=Z,103nm,5.6s				
LZH	comp=N,2um,16.2s				
LZH	comp=Z,2um,17.1s,MS5.0				
GTA	Gaotai	39.81 279	eP	P	11 29 51.8 0.0
GTA			AP	pP	11 29 55.8 +0.9
GTA			XP	sP	11 29 59.5 +3.4
GTA			PP	PP	11 31 27.0 +4.0
GTA			PCP	PcP	11 31 58.8 +1.1
GTA			AMB	AMB	
GTA	comp=Z,19nm,1.0s,mb4.8				
GTA	comp=Z,205nm,7.3s				
GTA	comp=N,2um,15.3s,MS5.3				
GTA	comp=E,2um,14.9s,MS5.3				
GTA	comp=Z,4um,16.0s,MS5.3				
INK	Inuvik	40.23 33	eP	P	11 29 55.5 +0.5
GZH	Guangzhou	40.99 248	P	P	11 29 57.9 -3.8
GZH			S	S	11 36 05.8 -0.0
GZH			S	S	
GZH	comp=N,1um,15.4s,MS5.0				
GZH	comp=E,988nm,16.0s,MS5.0				
GZH	comp=Z,2um,15.7s,MS5.0				
CD2	Chengdu	41.97 265	iP	P	11 30 09.8 +0.1
CD2			AP	pP	11 30 14.3 +1.5
CD2			XP	sP	11 31 30.2 +3.2
CD2			PP	PP	11 31 49.9 +3.2
CD2			PCP	PcP	11 32 06.5 +1.6
CD2			AMB	AMB	
CD2	comp=Z,180nm,0.9s,mb5.7				
CD2	comp=Z,240nm,9.6s				
CD2	comp=N,1um,15.6s,MS5.2				
CD2	comp=E,2um,14.4s,MS5.2				
CD2	comp=Z,2um,14.4s,MS5.2				
ZALV	Zalesovo Beam	42.83 305	P	P	11 30 14.9 -1.4
ZALV	comp=Z,5.2nm,0.5s,mb4.6,baz=65,slow=6.7,SNR=29				
ZALV			PcP	PcP	11 32 08.2 +0.9
ZALV	comp=Z,12nm,0.8s,baz=48,slow=2.2,SNR=9.7				
ZALV			LR	LR	11 49 22.8
ZAL	Zalesovo	42.84 305	P	P	11 30 14.9 -1.6
ZAL	comp=Z,1um,18.1s,MS4.9,baz=71,slow=38				
GYA	Guiyang	42.92 258	iP	P	11 30 28.2
GYA			AP	pP	11 30 28.2 +0.3
GYA			XP	sP	11 30 22.3 +1.7
GYA			PP	PP	11 30 24.8 +3.0
GYA			PCP	PcP	11 32 01.4 +4.4
GYA			AMB	AMB	11 32 10.5 +2.4
GYA	comp=Z,100nm,1.1s,mb5.5				
GYA	comp=Z,200nm,6.0s				
GYA	comp=N,860nm,18.6s,MS4.8				
GYA	comp=E,740nm,17.5s,MS4.8				
GYA	comp=Z,840nm,18.8s,MS4.7				
NVS	Novosibirsk	43.36 307	eP	P	11 30 19.2 -1.5
NVS			e	e	11 30 36.9
NVS			e	e	11 32 07.8
NVS			eS	S	11 36 49.2 +1.0
NVS			e	e	
NVS	comp=Z,12nm,1.0s,mb4.6				
NVS	comp=E,5.0nm,0.8s				
NVS	comp=E,23nm,2.1s				
DLBC	Dease Lake	44.15 47	eP	P	11 30 28.8 +1.9
WMQ	Urumqi	45.49 291	eP	P	11 30 39.0 +1.1
WMQ			XP	sP</	



Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Troy Canyon, Santa Barbara, Arvin, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Blythe, Kalbar National, Paradox Valley, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like Oni, Gori, Schefferville, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ESK Eskdalemuir, TRPA Tarpa, XAL Mull of Kintyre, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like VOIR W77.17326, MALT Malatya, WBK Wadi Bani Khal, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like GZT Gaziantep, UCC Uccle, AVNT Avonos, etc.



Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GMNA Gemona, DAVA Damuels, DAVA Damus, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LPL comp=Z,29nm,0.9s,mb5.0, LPL La Plagne, LPGA La Plagne, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SNAA Sanae, SNAA Sanae, SNAA Sanae, etc.

JSD	Sado	11.41	352	P	Pn	11 29 50.5	-3.6
JAW	Awa shima	11.73	356	P	Pn	11 29 55.2	-2.6
JYA	Atsumi	11.84	358	P	Pn	11 29 57.2	-1.9
JMK	Ichihoseki	12.21	3	P	P	11 30 01.8	-0.7
JMK	Itoshima			eS	S	11 32 11.2	-5.9
JTU	Tsushima	12.21	312	P	P	11 30 04.6	+2.0
JTB	Tobi-shima	12.45	357	P	P	11 30 04.7	-0.4
MIYJ	Miyakonagasaki	12.87	5	P	P	11 30 09.2	-0.6
JKZ	Kuzumaki	13.24	3	P	P	11 30 13.5	-0.4
JAH	Hinai	13.42	1	P	P	11 30 15.8	-0.1
GUMO	Guam	13.75	161	i/P	Pn	11 30 19.5	-2.1
GUMO	Guam	13.75	161	eS	S	11 32 49.1	+0.3
GUMO	Guam	13.75	161	P	P	11 30 19.5	-0.3
GUMO	7.8nm,0.3s,baz=166,slow=7.2,SNR=29			S	S	11 32 48.2	-0.6
GUMO	7.8nm,0.3s,baz=334,slow=22,SNR=5.3			S	S	11 30 28.5	-0.5
JOT	Ohata	14.62	2	P	P	11 33 05.7	-0.1
JOT				eS	S	11 33 05.7	-0.1
KSRs	Korea Array	14.99	319	P	P	11 30 33.2	+0.2
KSRs	4.1nm,0.3s,baz=130,slow=10,SNR=64			ScP	ScP	11 38 14.0	+0.2
KSRs	0.2nm,0.3s,baz=142,slow=1.9,SNR=6.6			P	P	11 30 34.2	-0.3
JKB	Kayabe	15.13	2	P	P	11 30 36.3	-0.3
JOSM	Okushiri-Mats	15.33	358	P	P	11 33 18.0	-1.8
JOSM				eS	S	11 30 36.3	-0.3
JYM2	Yakumo 2	15.35	0	P	P	11 30 36.5	-0.3
ERM	Erimo	15.42	8	i/P	P	11 30 38.1	+0.5
ERM				eS	S	11 33 23.5	+1.9
JNB	Urakawa-nobuka	15.63	7	P	P	11 30 40.4	+0.4
JNB	Norobitsuru	15.71	2	P	P	11 30 40.0	-0.5
INCN	Inchon	15.79	316	eP	P	11 30 41.0	-0.6
JCH	Churui	16.03	8	P	P	11 30 44.6	+0.3
JSK	Shakotan	16.16	0	P	P	11 30 49.9	+0.2
JAR	Ashorobuto	16.76	9	P	P	11 30 52.1	0.0
NEM2	Nemuro 2	17.16	13	P	P	11 30 55.8	-0.6
JKK2	Kamakawa 2	17.21	6	P	P	11 30 57.2	+0.3
JMP	Maruseppu	17.41	7	P	P	11 30 59.5	+0.5
JTKR	Abashiri-Toko	17.44	9	P	P	11 30 59.5	+0.2
ASAJ	Asahikawa	17.44	5	P	P	11 30 59.6	+0.3
ASAJ	comp=Z,1.4nm,0.3s			pmx	pmx		
ASAJ	comp=N,1.0nm,0.3s			pmx	pmx		
ASAJ	Asahikawa	17.44	5	P	P	11 30 59.5	+0.2
ASAJ	Asahikawa	17.44	5	P	P	11 30 59.5	+0.2
ASAJ	comp=N,1.4nm,0.3s,baz=224,slow=12,SNR=54			ScP	ScP	11 38 18.4	-0.2
ASAJ	comp=N,0.6nm,0.3s,baz=248,slow=8.6,SNR=15			ScP	ScP		
VLA	Vladivostok	17.74	339	i/P	P	11 31 01.7	-0.8
JWK2	Keihoku	18.59	3	P	P	11 31 11.6	+0.2
NJ2	Nanjing	19.45	291	eP	P	11 31 19.6	-1.1
NJ2				XP	S	11 33 04.5	+2.0
NJ2				PCP	P	11 35 57.0	-3.8
NJ2				PCP	P		
NJ2				PCP	P		
NJ2				PCP	P		
NJ2	comp=Z,70nm,0.9s			AMB	AMB		
NJ2	comp=Z,200nm,10.7s			LR	LR		
NJ2	comp=N,2um,14.0s			LR	LR		
NJ2	comp=E,2um,13.5s			LR	LR		
NJ2	comp=Z,2um,13.6s			LR	LR		
DL2	Dalian	19.82	312	P	P	11 31 24.6	+0.4
DL2				AMB	AMB		
MDJ	Mudanjiang	19.84	337	P	P	11 31 25.1	+0.9
MDJ				AMB	AMB		
MDJ	comp=Z,96nm,1.4s			AMB	AMB		
MDJ	Mudanjiang	19.84	337	eP	P	11 31 23.9	-0.3
MDJ	comp=Z,1.96nm,1.1s			AMB	AMB		
YSS	Yuzh-Sakhalins	20.27	5	i/P	P	11 31 27.0	-1.2
YSS				pmx	pmx		
YSS	comp=Z,210nm,0.7s			pmx	pmx		
YSS	comp=N,80nm,0.9s			pmx	pmx		
YSS	comp=N,40nm,0.8s			pmx	pmx		
YSS	Yuzh-Sakhalins	20.27	5	i/P	P	11 31 28.2	0.0
SNY	Shenyang	20.41	322	i/P	P	11 31 28.3	-1.2
SNY				AMB	AMB		
SNY	comp=Z,196nm,0.7s			AMB	AMB		
CN2	Changchun	20.87	328	i/P	P	11 31 33.9	+0.2
CN2				eP	S	11 33 20.9	+2.7
CN2				eP	S	11 34 59.1	-2.1
CN2				PCP	P	11 35 25.6	-0.2
CN2				PCP	P	11 38 25.8	-0.6
CN2	comp=Z,50nm,0.8s			AMB	AMB		
TIA	Tai'an	21.90	301	i/P	P	11 31 43.3	+0.1
TIA				AMB	AMB		
HABR	Habarovsk	22.09	351	i/P	P	11 31 45.3	+0.5
HABR				eS	S	11 35 23.4	+2.7
HABR				pmx	pmx		
KLR	Kul'dur	23.43	346	i/P	P	11 31 52.8	-4.1
KLR				pmx	pmx		
KLR	comp=E,60nm,1.0s			pmx	pmx		
BJT	Baijiatuu	24.06	310	eP	P	11 32 02.0	-0.7
BJT				pmx	pmx		
BJT	comp=Z,150nm,1.0s,mb5.2			pmx	pmx		
BJT	Baijiatuu	24.06	310	eP	P	11 32 02.0	-0.7
BJT				pmx	pmx		
BJT	comp=Z,35nm,0.7s			pmx	pmx		
BJI	Beijing	24.06	310	P	P	11 32 01.6	-1.1
BJI				XP	S	11 33 50.8	-1.9
BJI				S	S	11 35 49.8	-2.3
BJI	comp=Z,24nm,0.9s,mb4.4			AMB	AMB		
BJI	comp=Z,207nm,3.6s			LR	LR		
BJI	comp=N,3um,15.1s			LR	LR		
BJI	comp=E,2um,21.3s			LR	LR		
HIA	Hailar	27.57	330	eP	P	11 32 33.5	-0.3
HIA				pmx	pmx		
HIA	comp=Z,13nm,0.4s			pmx	pmx		
HIA	Hailar	27.57	330	eP	P	11 32 33.5	-0.3
HIA				pmx	pmx		
HIA	comp=Z,13nm,0.4s,mb4.5			pmx	pmx		
HHC	Hu-ho-hao-te	27.61	308	eP	P	11 32 34.4	+0.2
HHC				AP	S	11 33 43.3	
HHC				XP	S	11 34 27.5	+0.9
HHC				PCP	P	11 35 39.8	-0.9
HHC				S	S	11 36 48.4	+0.5
HHC				S	S	11 38 50.3	-3.8
HHC	comp=Z,63nm,1.2s,mb4.7			AMB	AMB		
HHC	comp=Z,295nm,5.6s			AMB	AMB		
HHC	comp=N,3um,15.7s			LR	LR		
HHC	comp=E,3um,17.2s			LR	LR		
HHC	comp=Z,4um,12.2s			LR	LR		
XAN	Xi'an	27.99	293	P	P	11 32 37.3	-0.4
XAN				AMB	AMB		
XAN	comp=Z,22nm,1.0s,mb4.3			AMB	AMB		
QIZ	Qiongzong	29.08	261	P	P	11 32 47.8	+0.4
QIZ				AP	S	11 33 55.6	
QIZ				S	S	11 37 13.8	+2.5
QIZ				XS	SS	11 39 16.6	-1.5
QIZ				AMB	AMB		
QIZ	comp=Z,14nm,0.9s,mb4.2			AMB	AMB		
QIZ	comp=Z,159nm,4.5s			AMB	AMB		
PET	Qiongzong	29.08	261	eP	P	11 32 47.5	+0.1
PET	Petropavlovsk	29.21	23	i/P	P	11 32 51.6	0.0
PET				pmx	pmx		
PET	comp=Z,89nm,0.8s,mb5.0			pmx	pmx		
PET	Petropavlovsk	29.21	23	eP	P	11 32 51.6	0.0
PET				pmx	pmx		
PET	comp=Z,64nm,0.9s,mb4.8			pmx	pmx		
GYA	Guiyang	30.07	277	P	P	11 32 56.8	+0.7
GYA				AP	pP	11 34 07.6	+2.4
GYA				PP	pP	11 34 16.3	+2.9
GYA				XP	sP	11 34 50.8	+2.0

GYA	PCP	PcP	11 35 48.6	+1.3			
GYA	S	S	11 37 26.9	+0.2			
GYA	SCP	ScP	11 38 53.5	+0.2			
GYA	PCS	PcS	11 39 31.3	0.0			
GYA	SCS	ScS	11 42 48.4	-1.4			
GYA	AMB	AMB					
GYA	comp=Z,1.0nm,0.7s,mb4.2						
CLNS	Chul'man	32.05	344	eP	P	11 33 12.4	-0.4
CLNS	comp=N,31nm,0.9s			pmx	pmx		
CLNS	comp=Z,47nm,0.9s,mb4.7			pmx	pmx		
CLNS	comp=E,15nm,0.8s			pmx	pmx		
CD2	Chengdu	32.23	286	eP	P	11 33 14.5	-0.3
CD2				AP	pP	11 34 26.3	+1.8
CD2				PP	pP	11 34 40.8	+3.6
CD2				XP	sP	11 35 09.6	+1.7
CD2				S	S	11 37 58.1	-1.9
CD2				XS	sS	11 40 07.1	-0.5
CD2				SS	SS	11 40 32.0	-6.0
CD2	comp=Z,80nm,0.6s,mb5.1			AMB	AMB		
CD2	comp=Z,140nm,5.2s			AMB	AMB		
LZH	Lanzhou	32.36	296	eP	P	11 33 16.8	+1.0
LZH				AP	pP	11 34 24.9	-0.7
LZH				PP	pP	11 34 43.4	+4.9
LZH				PCP	P	11 35 58.0	+4.7
LZH				eS	S	11 38 05.0	+3.1
LZH				AMB	AMB		
LZH	comp=Z,72nm,1.0s,mb4.9			AMB	AMB		
LZH	comp=Z,127nm,5.6s			LR	LR		
LZH	comp=E,3um,15.8s			LR	LR		
LZH	comp=Z,3um,17.2s			LR	LR		
ULN	Ulanbatar	33.47	318	eP	P	11 33 25.3	+0.1
MA2	Magadad	33.61	10d	i/P	P	11 33 25.8	-0.4
MA2				pmx	pmx		
MA2	comp=N,40nm,0.7s			pmx	pmx		
MA2	comp=Z,100nm,0.7s,mb5.2			pmx	pmx		
MA2	Magadad	33.61	10	eP	P	11 33 26.0	-0.2
MA2	comp=Z,54nm,0.7s,mb4.9			P	P	11 33 28.5	+0.4
KMI	Kuming	33.78	276	P	P	11 33 28.5	+0.4
KMI				AMB	AMB		
SOMN	Songino Array	33.85	318	P	P	11 33 28.3	-0.1
SOMN				P	P	11 33 28.3	-0.1
SOMN	Songino Array	33.85	318	P	P	11 33 28.3	-0.1
SOMN	comp=Z,7.8nm,0.5s,mb4.2,baz=125,slow=8.0,SNR=56			PP	PP	11 34 53.8	-0.9
SOMN	comp=Z,2.9nm,0.8s,baz=117,slow=7.3,SNR=4.1			ScP	ScP	11 39 05.3	-0.6
SOMN	comp=Z,1.8nm,0.7s,baz=140,slow=9.9,SNR=6.9			ScP	ScP		
GTA	Gaotai	35.95	301	eP	P	11 33 46.5	+0.2
GTA				AP	pP	11 34 59.0	+1.8
GTA				XP	sP	11 35 41.3	+0.9
GTA				PCP	P	11 36 06.8	+3.1
GTA				S	S	11 36 56.4	-0.1
GTA				SCP	ScP	11 39 15.3	+1.6
GTA				PCS	PcS	11 39 54.3	+2.6
GTA				XS	sS	11 41 04.6	-1.0
GTA				SS	SS	11 41 47.4	-4.8
GTA				SCS	ScS	11 43 19.4	-0.8
GTA				AMB	AMB		
GTA	comp=Z,24nm,1.0s,mb4.4			AMB	AMB		
GTA	comp=Z,86nm,7.6s			LR	LR		
GTA	comp=N,2um,15.7s			LR	LR		
GTA	comp=E,2um,15.3s			LR	LR		
GTA	comp=Z,4um,14.1s			LR			



15d 12h

2007 MAY

Table of radio stations with columns for call sign, name, frequency, power, and other technical details. Includes stations like FFC Flin Flon, R09A Tonopah, N12A Clover Valley, etc.

Table of radio stations with columns for call sign, name, frequency, power, and other technical details. Includes stations like BC3 Big Chuckw Mtn, U14A Mt Trumbull, W13A Huapai Mount, etc.

Table of radio stations with columns for call sign, name, frequency, power, and other technical details. Includes stations like BFO Black Forest, BFO Black Forest, TXAR Lajas Array, etc.



15d 14h

n61, r1512/62, mb43/27, 3C-2D, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC, h m s ISC. Includes stations like PGP Puerto Galera, LUBP Lubang, TGY Tagaytay City, etc.

NEIC 15 13:26:17.5:0.9, 4796N; 15464E, h10km, mb4.1, Error ellipse: s-maj=25.0km s-min=13.8km az=144.0

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

2007 MAY

Table with columns: ERM Erimo, HABR Khabarovsk, MJAR Matsushiro Arr, YAK Yakutsk, etc. Includes station names, times, and residuals.

15 14:25:20.7:7.7, 3246S, 17950E, h373km, 90km, mb2.6/2, mb1 2.9/2, mb1mx2.8/11, mbtmp6.2/2, Error ellipse: s-maj=107.0km s-min=40.4km az=4.0, South of Kermadec Islands

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

BUI 15 14:35:47.4, 2015N; 10086E, h29km, mb4.5, mb4.4, ML4.1, Ms4.6, Ms2.4

15 14:35:47.7:0.9, 2033N; 10065E, h0km, mb4.1/13, mb1 4.2/13, mb1mx4.1/22, mbtmp4.1/13, MS3.8/18, Ms1 3.8/18, ms1mx3.7/35, Error ellipse: s-maj=34.5km s-min=19.0km az=53.0

ISCJ 15 14:35:48.4:0.3, 2049N; 003:10102E-002, h10km, mb4.2/29, MS3.9/21, Error ellipse: s-maj=4.6km s-min=3.1km az=3.0

MOS 15 14:35:49.1:1.0, 2038N; 10090E, h18km, mb4.6/12, Error ellipse: s-maj=14.4km s-min=8.1km az=97.5

NEIC 15 14:35:49.5:0.3, 2041N; 10080E, h10km, mb4.3/8, Error ellipse: s-maj=10.5km s-min=6.5km az=52.0

PLV 15 14:35:50.6:2.5, 2112N; 10094E, h10km, 12km, MD4.8

ISC 15 14:35:48.7:0.8, 2048N; 003:10093E-003, h0km, 4km, n91, r1916/109, mb4.3/30, MS3.9/21, 7C-1D, Laos

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC, h m s ISC. Includes stations like NANT Nan, DBV Dienbien, CHG Chiang Mai, etc.

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Table with columns: CD2, LSA Lhasa, LSA Lanzhou, etc. Includes station names, times, and residuals.







Table with columns for station code, name, frequency, and other technical details. Includes stations like SOC, OBNSK, KEV, MALTYA, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like KHC, TANN, GECZ, GERES, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like CPUP, ULM, NVAR, BOZ, etc.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CRLZ Canterbury Las, MOZ McQueen's Vall, MQZ McQueen's Vall, etc.

IDC 15 16:29:28.9, 2.3060N, 141.43E, h0km, mb3.8/5, mb1 3.9/8, mb1mx3.7/21, mbtpr3.9/ML3.4/3, Error ellipse: s-maj=132.9km s-min=15.2km az=71.0

ISCJB 15 16:29:29.6, 1.0, 3100N, 005.1423E, 0.1, h46km, 12km, mb4.0/6, Error ellipse: s-maj=16.5km s-min=6.9km az=160.7

NEIC 15 16:29:30.6, 1.6, 3093N, 142.58E, h39km, 18km, mb4.2/1, Error ellipse: s-maj=31.2km s-min=13.5km az=69.0

JMA 15 16:29:31.5, 0.4, 3130N, 142.16E, h0km, M4.3, ISC 15 16:29:31.1, 0.9, 3090N, 005.1423E, 0.1, h35km, 11km, n24, 1806/41, mb4.0/6, Southeast of Honshu

Main station list for the first section, including Mitsune, Hachioji jima 2, Chichi jima, Boso 1, Boso 3, Odawara 2, Hanno, Yasato, Ryogami san, Hitachi, Ashikaga, Katsushina, Kawauchi, Matsushiro Arr, Mat Matsushiro, Ichinoseki, Erimo, Sogingo Array, Makanchi Array, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, BVAR Borovoye Arr, etc.

MOS 15 16:32:14.0, 2.4, 5377N, 88.38E, h10km, mb4.2/2, Error ellipse: s-maj=30.2km s-min=21.8km az=1.1

ISCJB 15 16:32:17.0, 0.7, 5409N, 008.884E, 0.09, h33km, mb4.0/2, Error ellipse: s-maj=12.3km s-min=6.2km az=156.9

NCC 15 16:32:23.5, 5.4, 5381N, 87.72E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=42.5km s-min=27.6km az=62.0

ISC 15 16:32:20.6, 0.7, 5419N, 008.8849E, 0.09, h35km, n14, 1835/20, mb4.0/2, 10C-10D, Southwestern Siberia

Main station list for the second section, including Novosibirsk, Kurchatov, KurB Kurchatov Arr, KurRB Kurchatov, MK31 Makanchi Array, MK31 Talaya, VOSK Vostochayna, BVAO Borovoye Arr, BRVK Borovoye, ZRNK Zerenda, ZRNK, ULN Ulanbaatar, TIXI Tiksi, KIV Kislovodsk, SEY Seymchan, etc.

ISCJB 15 16:50:30.4, 0.6, 5138N, 003.1609E, 0.03, h0km, Error ellipse: s-maj=6km s-min=2.5km az=11.5

IPEC 15 16:50:32.0, 0.4, 5151N, 16.21E, h1km, km, ML2.2/4, Error ellipse: s-maj=2.4km s-min=1.5km az=29.0

CSEM 15 16:50:31.9, 0.2, 5146N, 16.10E, h1km, ML3.2/9, Error ellipse: s-maj=3.6km s-min=1.7km az=22.0

WAR 15 16:50:31.9, 5148N, 16.11E, ML2.6, Mining Induced PRU 15 16:50:32.7, 5141N, 16.08E, h0km

NEIC 15 16:50:33.1, 1.1, 5135N, 15.97E, h5km, ML2.7 (SZGRF), Error ellipse: s-maj=12.8km s-min=5.2km az=203.0

VIE 15 16:50:34.3, 0.3, 5121N, 16.29E, h0km, mb2.2/4, ML2.7/4, Error ellipse: s-maj=2.5km s-min=2.1km az=99.0, Suspected Mining induced

ISC 15 16:50:31.2, 0.6, 5144N, 003.1611E, 0.03, h0km, n30, 086/66, 3C-3D, Poland

Small table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes KSP Ksiadz, etc.

Main station list for the third section, including KSP Ksiadz, DPC Dobruska-Polom, DPC Dobruska-Polom, PVCC Panska Ves, BRG Berggiesshubel, PRU Pruhonice, MORC Moravsky Berrm, COLM, OKC Ostrava-Krasne, VRAC Vranov, KRUC Moravsky, NKC Novy Kostel, NKC Novy Kostel, NKC Novy Kostel, OKC Ocjow, JAVC Velka Javorina, KHC Kasperske Hory, KHC Kasperske Hory, MOX Moxa, WET Wetzell, MODS Modra-Piesok, CONA Conrad Observa, MOA Mollin, STHS Stebnicka Huta, STHS, CRVS Cervencia-Dubn, CRVS Cervencia-Dubn, etc.

IDC 15 17:02:18.4, 1.5, 1154S, 11843E, h0km, mb3.5/3, mb1 3.6/7, mb1mx3.6/15, mbtpr3.5/7, ML3.5/4, Error ellipse: s-maj=47.1km s-min=20.2km az=40.0

ISCJB 15 17:02:19.5, 3.2, 1157S, 008.11847E, h0km, h22km, 24km, mb3.7/4, Error ellipse: s-maj=13.6km s-min=11.7km az=35.7

NEIC 15 17:02:24.0, 0.7, 1141S, 11869E, h35km, Error ellipse: s-maj=25.8km s-min=10.5km az=53.0

ISC 15 17:02:26.0, 1.5, 1175S, 007.11862E, 0.09, h66km, 14km, n13, 1821/20, mb3.6/4, South of Sumbawa

Main station list for the fourth section, including BATI Kupang, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, MBWA Marble Bar, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, NWAO Narrogin (SRO), NWAO Narrogin (SRO), SONM Sogingo Array, ZALV Zalesovo Beam, etc.

IDC 15 17:21:36.4, 0.9, 2049N, 122.17E, h0km, mb3.5/7, mb1 3.7/9, mb1mx3.6/21, mbtpr3.6/9, ML3.8/2, MS3.1/1, Ms1 3.1/1, ms1mx2.5/23, Error ellipse: s-maj=37.5km s-min=17.4km az=71.0

NEIC 15 17:21:37.9, 0.6, 2050N, 122.11E, h10km, Error ellipse: s-maj=18.7km s-min=10.4km az=73.0

ISCJB 17:21:40.0, 0.9, 2062N, 122.22E, 0.1, h42km, 11km, mb3.4/7, Error ellipse: s-maj=22.1km s-min=8.3km az=3.3

MAN 15 17:21:42.4, 0.8, 2061N, 005.1222E, 0.1, h40km, 11km, n17, 096/17, mb3.4/7, Philippine Islands region

Main station list for the fifth section, including APYP Conner, CVP Callao Caves, ABRA Dolores, PALP Palanan, NACB Nanganchiao, CAUP Cauayan, YHNB Yehng, JOW Kungigami, KRSR Korea Array, SONM Sogingo Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes WRA Warramunga Arr, ZALV Zalesovo Beam, ASAR Alice Springs, BVAR Borovoye Arr, YKA Yellowknife Arr, etc.

NIED 15 17:22:00, 2080N, 122.30E, h59km, Mw4.1 Best double couple, M1.76000x1015 NP1.356, 00000, 878.00000, 1.61.00000, NP2.030, 00000, 872.00000, 1.13.00000

IDC 15 17:22:06.6, 0.9, 2049N, 121.88E, h0km, mb3.8/9, mb1 4.0/12, mb1mx3.9/22, mbtpr3.9/12, ML3.8/3, MS3.6/1, Ms1 3.6/1, ms1mx2.6/33, Error ellipse: s-maj=28.5km s-min=17.9km az=74.0

NEIC 15 17:22:08.1, 0.5, 2052N, 121.91E, h10km, mb4.2/1, Error ellipse: s-maj=11.3km s-min=9.1km az=91.0

JMA 15 17:22:10.7, 0.5, 2078N, 122.33E, h0km, M4.1, ISCJB 15 17:22:11.6, 0.8, 2064N, 005.1223E, 0.09, h50km, 9km, mb3.9/9, Error ellipse: s-maj=15.3km s-min=6.1km az=22.3

ISC 15 17:22:13.0, 0.8, 2063N, 005.12209E, 0.09, h45km, 9km, n27, 087/33, mb3.9/9, Philippine Islands region

Main station list for the sixth section, including APYP Conner, ABRA Dolores, NACB Nanganchiao, PALP Palanan, HATJ Hateruma jima, YOJ Yonaguni jima, YOJ Yonaguni jima, IRIF Iriomote-Funau, IRIF Iriomote-Funau, KRSR Korea Array, JIJ Ishigaki jima, JIJ Ishigaki jima, JIJ Tarama, JIJ Tarama, JOGS Gokusho, JOW Kungigami, JOW Kungigami, JNU Nakatsubo, KRSR Korea Array, MJAR Matsushiro Arr, MJAR Matsushiro Arr, ULAN Ulanbaatar, SONM Sogingo Array, MKAR Makanchi Array, WRA Warramunga Arr, ZAAO Zalesovo Arr, ZALV Zalesovo Beam, KURK Kurchatov, ASAR Alice Springs, BVAR Borovoye Arr, AKAG Malin Array, YKA Yellowknife Arr, YKA Yellowknife Arr, etc.

MOS 15 17:22:47.2, 0.7, 3964N, 39.35E, h27km, mb4.5/1, Error ellipse: s-maj=62.0km s-min=12.5km az=110.0

DDA 15 17:23:03.6, 41.47N, 38.82E, h25km, M3.3, Error ellipse: s-maj=6.3km s-min=4.1km az=72.6

CSEM 15 17:23:06.7, 0.1, 4129N, 38.93E, h8km, MD3.3, Error ellipse: s-maj=2.8km s-min=1.8km az=29.0

ISK 15 17:23:07.9, 41.19N, 38.95E, h12km, MD3.3, Error ellipse: s-maj=2.8km s-min=1.8km az=29.0

ISC 15 17:23:07.8, 0.7, 4126N, 004.3892E, 0.04, h7km, 5km, n39, 089/51, 2C-4D, Turkey

Main station list for the seventh section, including Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes ESPY Espiye-Giresun, KTUT Trabzon, MACK Trabzon, MACK Trabzon, GUMT Gumushane, PZAR Pazarcik, KOPT Kopt Dag, KOPT Kopt Dag, KOPT Kopt Dag, SVSK Karacayir, BCA Borcka, KVT Kavak, ARTV Artvin, ARTV Artvin, ARTV Artvin, ERZM Erzurum, ERZM Erzurum, PTMK Pertek, SOC Sochi, SOC Sochi, SOC Sochi, etc.

BINT Bino, DIKM Dikmen, SVRC Sirvice-ELAZID, MYA Malatya, MYA Malatya, BALT Balat, BALT Balat, ANN Anapa, ANN Anapa, FEO Feodosiya, FEO Feodosiya, FEO Feodosiya, etc.

Main station list for the eighth section, including SUJU Sudak, SUJU Sudak, ALU Alushta, ALU Alushta, SEV Sevastopol, SIM Simferopol, VRI Vri, PLOR Plostina, etc.

15d 17h

MLR Muntele Rosu 10.36 298 J/P Pn 17 25 37.8 +1.1
VOIR 10.94 297 J/P Pn 17 25 42.9 -1.8
BURAR Bucovina Array 11.68 308 J/P Pn 17 25 52.5 -2.3

IDC 15 17:24:37.8;1.0,3422N;8163E,h0km,mb3.6/7,mb1 3.8/9,
mb1 mx3.7/24,mbtmp3.7/9,ML3.6/2,MS3.8/3,Mst 3.8/3,
ms1mx2.9/34, Error ellipse: s-maj=30.6km s-min=20.1km
az=60.0
ISCJB 15 17:24:39.8;4.2,3422N.01;817E.02,h25km,31km,
mb3.5/6,MS3.9/3, Error ellipse: s-maj=27.8km
s-min=12.1km az=44.9
NEIC 15 17:24:44.0;1.8,3423N;8176E,h45km,17km,mb3.9/2,
Error ellipse: s-maj=25.6km s-min=11.8km az=48.0
ISC 15 17:24:44.6;1.6,343N.01;818E.02,h48km,15km,n20,
a=1529/18,mb3.5/6,MS3.9/3,Xizang

Code Station Name A° AZ° Phase ID Time Res ISC
LSA Lhasa 9.14 117 P Pn 17 26 53.0 -0.8
UCH Uchtor 9.80 326 eP Pn 17 27 03.3 +0.4
TKM2 Tokmak 2 9.92 332 eP Pn 17 27 06.0 +1.6
MKAR Makanchi Array 12.52 2 Pn Pn 17 27 38.7 -1.3
MKAR Makanchi Array 12.52 2 Pn Pn 17 27 38.7 -1.3

IDC 15 17:32:51.3;9.8,3123S;17859W,h98km,95km,mb3.7/2,
mb1 3.8/3,mb1mx3.5/13,mbtmp3.6/3,ML2.9/1,MS3.2/2,
Ms1 3.2/2,ms1mx2.9/26, Error ellipse: s-maj=81.8km
s-min=57.1km az=164.0, Kermadec Islands region

Code Station Name A° AZ° Phase ID Time Res ISC
RAO Raoul Island 2.05 17 LR LR 17 33 55.8
URZ Urewera 7.86 206 P Pn 17 34 42.9 +0.1
URZ 0.2nm,0.3s,baz=24,slow=20,SNR=4.7
URZ 1.3nm,0.3s,baz=157,slow=22,SNR=9.3

NIED 15 17:42:00,4740N;15510E,h8km,Mw4.8 Best double
couple: M=1.99000;1016 NP1.223.00000;177.00000;
-1.85.00000; NP2.22.00000;14.00000;
1-11.00000

IDC 15 17:42:39.1;0.4,4680N;15557E,h0km,mb4.8/28,
mb1 4.9/30,mb1mx4.9/32,mbtmp4.8/30,ML4.3/2,MS4.0/18,
Ms1 4.0/18,ms1mx3.7/40, Error ellipse: s-maj=13.7km
s-min=11.8km az=141.0
BGS 15 17:42:40.6;3.3,4634N;15662E,h10km,mb5.3
ISCJB 15 17:42:40.7;0.1,4663N.003;15544E.002,h20km,
mb5.1/213,MS4.1/41, Error ellipse: s-maj=4.6km
s-min=1.8km az=168.0
SKHL 15 17:42:40.9;0.4,4690N;15555E,h65km,29km,mb5.3/4,
Ms4.5/4,msh5.2/3
NEIC 15 17:42:41.2;0.2,4682N;15545E,h10km,mb5.2/127,
MS4.2/4, Error ellipse: s-maj=5.0km s-min=3.3km
az=161.0
BJI 15 17:42:42.9,4704N;15489E,h10km,mb4.9,mb5.0,Ms4.5,
Ms4.3
SZGRF 15 17:42:42.9,4626N;15458E,h20km,mb5.3,MS4.1,East
of Kuril Islands, Russia
MOS 15 17:42:42.8;1.0,4674N;15544E,h34km,mb5.5/84,
MS4.2/16, Error ellipse: s-maj=7.1km s-min=4.3km
az=108.9
ISC 15 17:42:43.0;0.1,4675N.003;15539E.002,h22km,
h22km,1.0km;pP-P,P,NR8,e0994/804,mb5.1/213,MS4.1/41,
104C-134D,East of Kuril Islands

Code Station Name A° AZ° Phase ID Time Res ISC
SKR Severo-Kuril's 3.96 7 eP Pn 17 43 37.4 -5.3
SKR 60nm,0.5s AMB AMB 17 43 43.5
SKR 90nm,0.5s AMB AMB 17 44 23.4
SKR 1um,0.2s A 17 44 23.4
SKR 3um,0.2s A 17 44 23.4
SKR 350nm,0.5s A 17 44 30.0
SKR 2um,2.0s AMS AMS 17 45 14.0
SKR 2um,14.0s AMS AMS 17 45 14.0
SKR 5um,14.0s AMS AMS 17 45 14.0
SKR 5um,14.0s AMS AMS 17 45 14.0
SKR 2um,14.0s AMS AMS 17 45 14.0
KUR Kuril'sk 5.46 257 eP Pn 17 44 00.5 -2.7
KUR 189nm,0.7s AMB AMB 17 44 01.5
KUR 190nm,0.7s AMB AMB 17 44 01.5
KUR 1um,0.7s A 17 45 04.8
KUR 3um,0.8s A 17 45 04.8
KUR 860nm,0.8s A 17 45 05.0
PET Petropavlovsk 6.62 17 eP Pn 17 44 14.4 -4.8
PET Petropavlovsk 6.62 17 eP Pn 17 44 14.8 -4.4
PET 1um,0.7s A 17 45 20.1 -1.4
YUK Yuzh-Kuril'sk 7.24 251 eP Pn 17 44 28.0 +0.3
YUK 770nm,0.5s eS Sn 17 45 47.0 -2.1
YUK 3um,1.0s A 17 45 52.7
YUK 2um,0.7s A 17 45 52.7

2007 MAY

YUK 3um,1.0s A 17 45 53.2
YUK 3um,1.0s A 17 45 53.2
NEM2 Nemuro 2 7.62 247 P Pn 17 44 31.4 -1.6
NEM2 NEM2 7.62 247 eS Sn 17 45 53.0 -5.6
RAUS Rausu 7.76 252 P Pn 17 44 35.6 +0.7
RAUS Rausu 7.76 252 eS Sn 17 46 02.1 +0.1
NAKASH Nakash 8.18 251 P Pn 17 44 40.3 -0.3
NAKASH Nakash 8.18 251 eS Sn 17 46 07.9 -4.5
AKKASH Akkeshi 8.47 248 P Pn 17 44 43.2 -1.4
AKKASH Akkeshi 8.47 248 eS Sn 17 46 14.6 -4.8
ABASHIRI-TOKO Yuzh-Sakhalins 8.55 255 P Pn 17 44 46.5 +0.8
YSS YSS 8.66 276 J/PN Pn 17 44 50.0 +2.8
YSS comp=Z,60nm,1.0s pmax pmax
YSS comp=E,50nm,0.8s MLR MLR
YSS comp=N,1um,15.0s MLR MLR
YSS comp=E,800nm,17.0s MLR MLR
YSS comp=Z,800nm,17.0s 8.66 276 ePn Pn 17 44 49.4 +2.1
YSS comp=Z,38nm,0.6s 8.66 276 J/P Pn 17 44 50.0 +2.8
YSS Yuzh-Sakhalins 8.66 276 J/P AMB AMB 17 44 51.8
YSS comp=Z,50nm,0.8s AMB AMB 17 44 51.8
YSS comp=Z,60nm,1.0s eS Sn 17 46 22.9 -1.3
YSS comp=Z,50nm,0.8s A 17 46 26.2
YSS comp=Z,80nm,0.9s eLQ eLR 17 46 44.0
YSS AMS LR 17 47 13.0
YSS AMS AMS 17 47 40.0
YSS comp=Z,800nm,17.0s AMS AMS 17 47 40.0
YSS comp=Z,2um,15.0s AMS AMS 17 47 40.0
JMP Maruseppu 8.90 256 P Pn 17 44 51.3 +0.8
JAR Ashorobu 8.92 251 P Pn 17 44 51.0 +0.2
JAR Jar 8.92 251 eS Sn 17 46 25.8 -4.8
JOB Onbets 9.07 249 P Pn 17 44 52.5 -0.3
JOB Onbets 9.07 249 eS Sn 17 46 29.5 -4.5
UGL Ulgorsk 9.25 289 ePn Pn 17 44 58.0 +2.8
UGL comp=Z,120nm,1.0s pmax pmax
UGL comp=Z,550nm,2.0s MLR MLR
UGL comp=Z,2um,13.0s MLR MLR
UGL comp=N,2um,12.0s MLR MLR
UGL comp=E,1um,14.0s MLR MLR
UGL Ulgorsk 9.25 289 eP AMB AMB 17 44 58.0 +2.8
UGL comp=E,120nm,1.0s AMB AMB 17 45 02.5
UGL comp=E,550nm,2.0s eL AMS AMS 17 47 03.0
UGL comp=E,2um,13.0s AMS AMS 17 49 52.0
UGL comp=E,1um,14.0s AMS AMS 17 49 52.0
UGL comp=E,2um,12.0s AMS AMS 17 49 52.0
TYV Tynovskoe 9.35 301 eP Pn 17 44 59.0 +2.3
TYV Tynovskoe 9.35 301 eP AMB AMB 17 45 05.8
TYV comp=E,88nm,1.0s AMB AMB 17 45 05.8
TYV comp=E,40nm,0.8s AMB AMB 17 45 05.8
TYV comp=E,68nm,0.8s AMB AMB 17 45 06.0
TYV comp=E,500nm,8.0s A 17 46 42.7
TYV comp=E,29nm,0.8s A 17 46 42.7
TYV comp=E,48nm,1.0s AMS AMS 17 48 24.0
TYV comp=E,2um,17.0s AMS AMS 17 48 24.0
TYV comp=E,2um,20.0s AMS AMS 17 48 24.0
JKK Kamakawa 2 9.36 257 P Pn 17 44 58.1 +1.3
ASAJ Asahikawa 9.37 258 P Pn 17 44 58.7 +1.7
ASAJ Asahikawa 9.37 258 Pn Pn 17 44 58.5 +1.6
ASAJ comp=E,3.3nm,0.3s,baz=92,slow=14,SNR=59 Sn Sn 17 46 46.1 +4.5
ASAJ comp=E,0.9nm,0.3s,baz=202,slow=19,SNR=2.1 LR LR 17 48 55.1
ASAJ comp=E,261nm,18.2s,baz=42,slow=40 LR LR 17 45 02.8 +4.2
JKW Keihoku 9.50 266 P Pn 17 45 02.8 +4.2
JCH Churui 9.51 249 P Pn 17 44 57.8 -1.1
JCH JCH 9.51 249 eS Sn 17 46 08.0 -7.0
JAB Ashibetsu 9.86 256 P Pn 17 45 04.3 +1.3
JEM Erimo 9.95 246 P Pn 17 45 04.5 -0.4
ERM Erimo 9.95 246 Pn Pn 17 45 04.8 -0.1
ERM Erimo 9.95 246 eP/PN Pn 17 45 05.0 +0.1
ERM Erimo 9.95 246 P/PN Pn 17 45 04.3 -0.6
ENI Eniwo 10.07 248 P Pn 17 45 04.5 -2.0
IBR Irakawa-nobuka 10.08 251 P Pn 17 45 06.4 -0.2
JB2 Uburatori 2 10.08 251 P Pn 17 45 14.0 +1.8
OKH Okha 10.49 315 ePn Pn 17 45 14.0 +1.8
OKH comp=Z,500nm,5.0s MLR MLR
OKH comp=Z,2um,14.0s OKH Okha 10.49 315 eP Pn 17 45 13.9 +1.7
OKH OKH 10.49 315 eP Pn 17 45 14.0 +1.7
OKH OKH 10.49 315 eP Pn 17 45 22.4
OKH comp=Z,500nm,5.0s eS Sn 17 47 09.0 +0.1
OKH OKH 17 47 09.0 +0.1
OKH OKH 17 47 10.0
OKH comp=Z,300nm,0.7s A 17 47 10.0
OKH comp=Z,1um,4.0s eLQ AMS AMS 17 48 37.6
OKH OKH 17 51 12.4
OKH comp=Z,2um,14.0s AMS AMS 17 51 12.4
OKH comp=Z,2um,13.0s AMS AMS 17 51 12.4
OKH comp=Z,2um,14.0s AMS AMS 17 51 12.4
JEW Eniwo 10.65 253 P Pn 17 45 14.7 +0.3
JNB Noboribetsu 11.09 252 P Pn 17 45 19.4 -1.0
JNB JNB 11.09 252 eS Sn 17 47 18.0 -5.7
JKB Kayabe 11.37 250 P Pn 17 45 22.9 -2.6
JKB JKB 11.37 250 eS Sn 17 47 20.5 -1.0
NKL Nikolayevsk 11.43 309 eP Pn 17 45 20.0 -5.0
NKL 11.43 309 eP AMB AMB 17 45 28.0
NKL comp=Z,22nm,1.3s AMB AMB 17 45 28.0
NKL comp=Z,77nm,1.3s AMB AMB 17 45 28.0
NKL comp=Z,220nm,1.8s eL 17 48 34.0
JSH Shimam 11.66 255 P Pn 17 45 28.1 -0.2
JYM2 Yakumo 2 11.69 252 P Pn 17 45 27.2 -1.5
JYM2 JYM2 11.69 252 eS Sn 17 47 30.5 -7.9
JANG Nango 11.90 243 P Pn 17 45 28.0 -3.6
JANG JANG 11.90 243 eS Pn 17 47 32.4 -1.1
JTM Tenmabayashi 11.94 245 P Pn 17 45 29.5 -2.6
JTM JTM 11.94 245 eS Sn 17 47 33.9 -1.1
JSR Shiruichi 11.95 250 P Pn 17 45 29.6 -2.6
JTH Tanohata 11.96 240 P Pn 17 45 28.6 -3.8
JTH JTH 11.96 240 eS Pn 17 47 32.1 -1.3
JOSG Okushiri-Mats 12.29 253 P Pn 17 45 34.6 -2.3
OFU Ofunato 12.63 238 P Pn 17 45 38.2 -3.4
JRK Rokugo 13.04 241 P Pn 17 45 43.6 -3.5
MA2 Magadan 13.14 350 ePn Pn 17 45 43.8 -4.5
MA2 comp=Z,50nm,0.5s pmax pmax
TEY Ternei 13.20 269 eP Pn 17 45 51.0 +1.7
TEY 13.20 269 eP Pn 17 49 44.0
JIO Ouri 13.24 236 P Pn 17 45 46.8 -3.1
HABR Khabarovsk 13.83 285 eP Pn 17 45 57.1 -0.7
HABR 13.83 285 eS Sn 17 48 31.5 +1.0

HABR comp=Z,10.0nm,0.8s pmax pmax
JYA Atsumi 14.11 240 P Pn 17 45 59.0 -2.7
KLR Kul'dur 16.00 288 eP Pn 17 46 25.1 -1.7
KLR comp=E,78nm,1.8s pmax pmax
KLR comp=Z,100nm,1.8s MLR MLR
KLR comp=E,2um,13.0s MLR MLR
SEY Seymchan 16.31 355 eP Pn 17 46 26.9 -3.7
MAJO Matushiro 16.37 238 eP Pn 17 46 29.5 -2.1
MAJO comp=Z,70nm,0.9s pmax pmax
MAJO Matushiro 16.37 238 eP Pn 17 46 29.4 -2.1
MAT Matushiro 16.37 238 eS Sn 17 46 29.9 +1.7
MAT Matushiro 16.37 238 eS Sn 17 49 38.0 +5.6
MJAR Matushiro Arr 16.37 238 Pn Pn 17 46 30.1 -1.5
VLA Vladivostok 17.01 266 eP Pn 17 46 40.7 +1.0
VLA comp=Z,80nm,1.7s pmax pmax
MDJ Mudanjiang 18.13 273 P Pn 17 46 51.5 -2.0
MDJ AP pP 17 46 54.6 -5.1
MDJ XP sP 17 46 55.8 -6.7
MDJ S Sn 17 50 08.0 -7.0
MDJ PCP PCP 17 51 25.9 -0.5
MDJ SCP ScP 17 55 01.1 +0.9
MDJ PCS PcS 17 55 01.8 -0.9
MDJ SCS ScS 17 58 42.0 +1.3
MDJ comp=Z,8.0nm,0.9s AMB AMB
MDJ comp=Z,53nm,3.4s LR LR
MDJ comp=N,114nm,13.6s LR LR
MDJ comp=E,370nm,13.6s LR LR
MDJ comp=Z,487nm,13.6s 18.13 273 eP Pn 17 46 51.1 -2.4
MDJ Mudanjiang comp=Z,23nm,1.0s eP Pn 17 47 00.5 -6.1
ZEA Zeya 19.22 302 eP AMB AMB 17 47 05.0
ZEA comp=Z,41nm,1.0s AMB AMB 17 47 08.5
ZEA comp=Z,300nm,6.0s A 17 50 44.0
ZEA comp=Z,56nm,1.4s A 17 50 47.0
YAK Yakutsk 21.19 326 eP P 17 47 23.9 -3.0
CN2 Changchun 21.21 273 eP P 17 47 25.0 -2.4
CN2 ePp sP 17 47 31.9 -4.4
CN2 ePp S 17 47 45.3 -0.4
CN2 eS S 17 51 15.5 -6.6
CN2 comp=Z,30nm,1.0s,mb4.6 AMB AMB
CN2 comp=Z,200nm,5.0s AMB AMB
CN2 comp=N,300nm,12.0s,MS4.1 LR LR
CN2 comp=E,400nm,12.0s,MS4.1 LR LR
CN2 comp=Z,500nm,16.0s,MS4.0 LR LR
CLNS Chul'man 21.22 310 eP P 17 47 26.3 -1.0
CLNS ePpP S 17 47 46.9
CLNS eS S 17 51 10.6 -1.1
CLNS e Pmax pmax 17 51 34.4
CLNS comp=N,16nm,0.8s pmax pmax
CLNS comp=Z,38nm,0.8s,mb4.8 pmax pmax
CLNS smax 17 45 06.0
CLNS comp=Z,11nm,1.0s smax 17 46 42.7
CLNS comp=N,43nm,1.1s smax 17 48 24.0
CLNS comp=E,35nm,1.1s MLR MLR
CLNS comp=N,500nm,12.0s,MS4.3 MLR MLR
CLNS comp=E,600nm,15.0s,MS4.3 MLR MLR
CLNS comp=Z,600nm,15.0s,MS4.1 i P 17 47 29.1 +1.4
NRGR Nerungr 21.26 309 i P S 17 51 14.6 -8.1
NRGR S smax
BILL Bilibino 22.07 11 eP P 17 47 34.8 -1.5
BILL 22.07 11 eP P 17 47 45.9
BILL eS S 17 47 51.9
BILL e Pmax pmax 17 51 35.3 -3.0
BILL comp=Z,79nm,1.6s,mb4.9 MLR MLR
BILL comp=Z,400nm,16.0s,MS3.9 22.07 11 eP P 17 47 34.7 -1.5
KRSR Korea Array 22.30 255 P P 17 47 41.0 +1.9
KRSR comp=Z,42nm,0.8s,mb4.9 P P 17 51 32.8 -1.5
KRSR comp=Z,1.9nm,0.8s,baz=79,slow=2.7,SNR=5.0 LR LR 17 56 04.9
JUN Nakatsue 23.09 243 P P 17 47 49.0 +1.6
INCN Incheon 23.04 257 eP P 17 47 50.1 +2.2
INCN comp=Z,40nm,1.0s,mb4.9 P P 17 47 48.5 -0.1
SNY Shenyang 23.20 269 P P 17 47 48.5 -0.1
SNY AMB AMB
SNY comp=Z,35nm,0.8s,mb4.8 AMB AMB
SNY comp=Z,238nm,6.9s LR LR
SNY comp=N,372nm,14.1s,MS4.0 LR LR
SNY comp=E,267nm,16.5s,MS4.0 LR LR
SNY comp=Z,347nm,14.6s,MS3.9 LR LR
HIA Hailar 23.85 289 P P 17 47 56.0 +1.3
HIA comp=Z,8.0nm,0.6s pmax pmax
HIA Hailar 23.85 289 P P 17 47 56.0 +1.3
BOD Bodaibo 27.20 309 eP Pmax 17 48 22.2 -2.8
BOD comp=Z,21nm,0.9s,mb4.9 pmax pmax
TIXI Tiksi 27.92 342 eP P 17 48 29.7 -1.7
TIXI 27.92 342 eP Pmax pmax
TIXI comp=Z,52nm,1.5s,mb4.9 MLR MLR
TIXI comp=Z,467nm,15.0s,MS4.2 27.92 342 eP P 17 48 29.6 -1.8
TIXI comp=Z,23nm,0.8s,mb4.9 P P 17 48 42.3 +0.6
BJI Beijing 29.04 271 P S 17 53 31.8 +0.1
BJI 29.04 271 P S AMB AMB
BJI comp=Z,7.0nm,1.0s,mb4.3 AMB AMB
BJI comp=Z,228nm,6.5s LR LR
BJI comp=N,305nm,13.8s LR LR
BJT Baijiatuu 29.06 271 P P 17 48 39.1 -2.7
BJT 29.06 271 P Pmax pmax
BJT comp=Z,1.7nm,0.6s P P 17 48 39.1 -2.7
BJT Baijiatuu 29.06 271 P P 17 48 39.1 -2.7
SSE Sheshan 30.57 251 eP S 17 48 54.6 -0.7
SSE S S 17 53 55.5 +0.6
SSE XS sS 17 54 02.1 -4.6
SSE SCS ScS 17 59 32.8 +1.8
SSE comp=Z,45nm,0.7s,mb5.4 AMB AMB
SSE comp=Z,26nm,3.9s AMB AMB
SSE comp=N,142nm,18.3s,MS3.7 LR LR





Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include F13A Darby, O06A Flanigan, TMCR Tamitsa, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include REDW Red Top Meadow, Q11A Duckwater, S10A Tonpah Range, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include Y14A Wickenburg, X15A Humboldt, AKL Akola, etc.





Table with columns: PRU, comp-Z, 55nm, 0.4s, eSg, Sg, 18 25 30.1 -0.1, etc. Includes stations like Pruhonice, Colim, Moravsky Berou, etc.

IDC 15 18:34:51.2, 0.7, 1.45N-97.00E, h30km, mb4.5/17, mb1 4.5/18, mb1mx4.4/24, mbtmp4.5/18, ML3.4/1, MS4.0/4, MS1 4.0/4, ms1mx3.5/23, Error ellipse: s-maj=23.2km s-min=13.3km az=45.0

ISCBJ 15 18:34:53.5, 0.3, 1.48N-104.9696E.004, h26km, mb4.7/68, MS4.2/15, Error ellipse: s-maj=6.8km s-min=4.3km az=31.5

BUI 15 18:34:54.0, 1.38N-97.11E, h36km, mb4.9, mb4.8, MS4.5, MS4.3

MOS 15 18:34:54.6, 1.0, 1.58N-97.14E, h33km, mb4.9/20, Error ellipse: s-maj=14.1km s-min=6.9km az=100.7

NEIC 15 18:34:55.0, 0.3, 1.49N-97.07E, h30km, mb4.7/29, Error ellipse: s-maj=8.7km s-min=5.8km az=221.0

SZGRF 15 18:34:55.0, 0.3, 1.72N-95.88E, h33km, mb4.7, Off west coast of northern Sumatera, Indonesia

ISC 15 18:34:56.0, 0.3, 1.51N-100.4-9700E.003, h28km, h28km, 4km, pP-P, n157, r113/160, mb4.7/67, MS4.2/15, 13C-12D, Northern Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Prapat, Tuntungan, Padang Panjang, Banda Aceh, etc.

Table with columns: KMI, comp-Z, 71nm, 5.7s, AMB, AMB, 18 25 30.1 -0.1, etc. Includes stations like Shillong, Guiyang, Kupang, Chengdu, Lanzhou, Nanjing, Sheshan, Gaotai, etc.

Table with columns: BJI, comp-Z, 58nm, 1.5s, mb5.0, S, S, 18 49 06.6 +2.7, etc. Includes stations like Warramunga Arr, Urumqi, Tokmak 2, Uchtor, etc.





















Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like KRBR Kerman, GHIR Ghir-Karzin, NAZ Nazwa, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like MKAR Makanchi Array, KURK Kurchatov, AKASO Malin Array, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like LOR Lormes, BAIF Baives, SSF Saint Sauveur, etc.

NIED 16 00:38:00, 4650N-15270E, h56km, Mw4.3 Best double couple: M2 790000-1015, NP1 790000-853, 000000-1, 98, 000000- NP2 246, 000000- 838, 000000- 1, 80, 000000- SKHL 16 00:38:54.0t 1.0, 4641N-15269E, h33km, mb4.72 ISCBJ 16 00:38:56.3t 1.5, 4667N-15246E, h7km-46km, mb3.9/9, mb1 3.8/11, mb1mx2/6.2, mbtmp3.6/11, ML3.9/2, MS3.0/2, Ms1 3.0/2, ms1mx2/7.2/2, Error ellipse: s-maj=45.7km s-min=30.3km az=162.0

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like KUR Kuril'sk, WRA Warrungunga Arr, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SKR, NEM2, JRA, JNK, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CFAA, CPUP, BOSA, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DBIC, TOAO, TORO, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LPEK, RPK, RYK, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NIED, MOS, JMA, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JIO, JOU, JOU, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAJ, ASAJ, ASAJ, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like XAN, ULN, ULN, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZAK, ZAK, ZAK, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRAB, WRAB, WRAB, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YKA, YKA, YKA, etc.

IDC 16 00:38:59.710.0, 6009S-2820W, h137km, 92km, mb3.77, m1 3.8/7, mb1mx3.5/17, mbtmp3.7/7, Error ellipse: s-maj=58.2km s-min=18.9km az=6.0

NEIC 16 00:39:00.67.1, 6019S-2820W, h152km, 59km, mb4.3/2, Error ellipse: s-maj=43.0km s-min=13.3km az=186.0

IDC 16 01:52:08.62.2, 2793N-5605E, h0km, mb3.9/9, m1 3.8/11, mb1mx3.7/27, mbtmp3.8/11, ML3.6/2, Error ellipse: s-maj=49.1km s-min=21.5km az=155.0

ISC/JB 16 01:52:14.9.0.6, 2792N-5659E, h077, h65km, 8km, mb3.7/9, Error ellipse: s-maj=10.0km s-min=6.8km az=2.0

CSEM 16 01:52:14.7.0.1, 2811N-5660E, h20km, ML3.4, Error ellipse: s-maj=2.4km s-min=1.6km az=87.0

THR 16 01:52:14.7.0.5, 2820N-5603E, h14km, 10km, ML3.4

NEIC 16 01:52:17.2, 2783N-5633E, h29km, ML3.4(THR), MN3.4(TEH), After TEH.

ISC 16 01:52:16.2.0.5, 2792N-5604E-5596E, h007, h60km, 8km, mb3.9/40, mb3.7/9, Southern IR

Table with columns: Code, Station Name, Delta, Azimuth, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRBR, KRBR, KRBR, etc.



Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like Changchun, Kul'dur, Hu-ho-hao-te, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like Makanchi Array, Makanchi Array, NVS Novosibirsk, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various status indicators. Includes stations like Oaxaca, Matias Romero, Tehuacfan, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YUK, YSS, YVW, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GTA, INK, CD2, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NB2, NOA, NA001, etc.







Table with columns: ETOB, TObarra, ETOB, ECHE, EBER, EBER, EBER, EBER, EMOS, EMOS, EMOS, EMOS, EQU, EMIR, EMIR. Includes station names, coordinates, and time/res data.

NNC 16 06:56:13.5-2.1, 4518N, 8207E, h4km, 23km, mb3.5, mpv3.2, 5C, 3D, Error ellipse: s-maj=18.4km, s-min=11.4km, az=179.0, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Makanchi Array, TKM2, KURBB, KURK, etc.

IDC 16 07:17:26.9-1.0, 2729N, 8770E, h0km, mb3.9/10, mb1.4/0.11, mb1mx3.8/23, mbtmp3.9/11, ML4.1/1, Error ellipse: s-maj=42.3km, s-min=16.9km, az=58.0

ISCJB 16 07:17:34.0-1.7, 274N, 0.1-879E, 0.1, h67km, 19km, mb3.8/10, Error ellipse: s-maj=23.2km, s-min=16.2km, az=143.6

ISC 16 07:17:32.1-2.4, 273N, 0.1-878E, 0.1, h34km, 20km, n14, 0.086/15, mb3.9/10, Nepal

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHBG, AGT, IMP, MKAR, SON, ZALV, BVAR, FINES, ARCE, GERES, NOA, WRA, ASAR, YKA, etc.

IDC 16 07:20:34.0-6.5, 454N, 9541E, h0km, mb3.7/4, mb1.3/9/4, s-maj=32.3km, s-min=24.5km, az=58.0, Northern Sumatara

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

ISCJB 16 07:26:32.1-1.5, 176S, 0.2-1785W, 0.1, h49km, 25km, mb4.1/13, Error ellipse: s-maj=38.0km, s-min=18.2km, az=163.2

NEIC 16 07:26:33.1-1.0, 1764S, 17844W, h49km, 16km, mb4.1/8, Error ellipse: s-maj=24.7km, s-min=11.8km, az=164.0

IDC 16 07:26:43.2-1.6, 0, 1771S, 1789W, h618km, 216km, mb3.3/8, mb1.3/5.6, mb1mx3.2/16, mbtmp3.3/6, Error ellipse: s-maj=70.9km, s-min=39.0km, az=85.0

ISC 16 07:26:33.2-1.4, 176S, 0.2-1785W, 0.1, h49km, 24km, n21, 0.060/21, mb4.1/3, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AFI, EIDS, CTA, CTAO, CNB, COEN, TOO, STKA, STKA, WBA, WBA, WBA, WBA, WRA, KAKA, KAKA, FORT, FITZ, QSPA, TXAR, etc.

WEL 16 07:35:57.4-0.9, 3832S, 17601E, h145km, 8km, ML3.5/10, Error ellipse: s-maj=6.4km, s-min=4.6km, az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ, MOVZ, MWZ, MWZ, KNZ, TSZ, MRZ, KIWI, CAW, MSW, FCW, PLWZ, TUWZ, NNZ, KHZ, MOZ, etc.

IDC 16 07:37:44.10.0, 554S, 14611E, h111km, 87km, mb3.4/5, mb1.3/6.7, mb1mx3.4/15, mbtmp3.4/7, ML4.1/2, Error ellipse: s-maj=59.7km, s-min=30.5km, az=62.0

ISCJB 16 07:39:7.5-9.9, 57S, 0.2-1460E, 0.2, h141km, 47km, mb3.6/5, Error ellipse: s-maj=48.3km, s-min=26.6km, az=135.1

NEIC 16 07:39:9.4-0.5, 56S, 1460E, h135km, 32km, mb4.0/5, Error ellipse: s-maj=29.4km, s-min=17.8km, az=215.0

ISC 16 07:39:9.5-7.5, 56S, 0.2-1460E, 0.2, h129km, 46km, n17, 0.058/16, mb3.6/5, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTA, CTA, CTA, KAKA, KAKA, WRAB, WBA, WBA, ASAR, FITZ, FITZ, FITZ, STKA, STKA, VMDA, MKAN, TORO, etc.

NIED 16 06:00.0, 3870N, 14230E, h17km, Mw3.6, Best double couple: Mo=3.14000e-10, 14, NP1.9e360.00000, 875.00000, 1.7100000, NP2.9e265.00000, 873.00000, 1.164.00000

JMA 16 07:57.6-0.1, 3873N, 14233E, h30km, 2km, M3.7, JMA Fell II J1

ISC 16 07:57.1-2.3, 3873N, 0.06-1423E, 0.1, h22km, 11km, n6, 0.035/12, 4D, Near east coast of eastern Honshu

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

ISCJB 16 08:56:02.0-9.9, 185N, 0.2-6920W, 0.04, h110km, 9km, Error ellipse: s-maj=29.6km, s-min=4.9km, az=9.9

NEIC 16 08:56:07.5, 1839N, 6921W, h103km, MD3.7(RS/14), After RSPF, RSPF 16 08:56:07.5, 1839N, 6921W, h103km, MD3.7(R/14), MD3.7/14

ISC 16 08:56:07.2-0.9, 185N, 0.2-6921W, 0.04, h103km, 10km, n15, 0.059/29, 13C-2D, Dominican Republic region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DR12, DR12, STDO, STDO, DR08, DR08, IMO, IMO, AGPR, AGPR, LSP, LSP, CRPR, CRPR, SDDR, SDDR, LRS, LRS, AOPR, AOPR, CELP, CELP, CPD, CPD, CHVP, CHVP, HUMP, HUMP, MTP, MTP, etc.

ISCJB 16 08:56:12.8-0.1, 2056N, 0.02-10073E, 0.01, h10km, mb5.7/28, MS6.4/24, Error ellipse: s-maj=2.4km, s-min=1.9km, az=14.9

PLV 16 08:56:12.6-1.8, 2091N, 10077E, h6km, 10km, MD6.1, BUI 16 08:56:13.9, 2057N, 10096E, h15km, mb6.3, mb5.6, ML6.2, MS6.9, MS6.9, s-maj=1.7km, az=53.0

IDC 16 08:56:13.1-0.3, 2049N, 10084E, h0km, mb5.3/30, mb1.5/4/31, mb1mx5.4/31, mbtmp5.3/31, ML4.7/1, MS6.2/30, Ms1.6/30, ms1mx6.1/34, Error ellipse: s-maj=9.7km, s-min=7.1km, az=53.0

NEIC 16 08:56:14.1-0.1, 2050N, 10073E, h9km, mb5.8/190, MS5.9, MS6.4/187, MW6.2, Error ellipse: s-maj=4.0km, s-min=2.8km, az=2.0, Broadband fault plane solution: P waves, NP1.9e235.00000, 875.00000, 1.35.00000, NP2.9e335.00000, 856.00000, 1-162.00000, Principal axes: T P1g12.0000, Azm289.0000, N P1g0.0000, Azm0.0000, P P1g35.0000, Azm190.0000, Moment Tensor Solution: s40 Moment tensor: Scale 10^18 Nm; Mn=0.32, Mw=2.11; Mw=1.78; Mw=0.58; Mw=0.76; Mw=0.52; Best double couple: Mo=2.20000e+10, NP1.9e55.00000

870.00000, 1.0.00000, NP2.9e325.00000, 890.00000, 1.160.00000, Principal axes: T 2.0300, P1g14.00000, Azm278.00000; N 0.3900, P1g70.00000, Azm145.00000; P -2.4200, P1g4.00000, Azm12.00000; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC Minor damage to some buildings in Bokeo, Laos and in Chiang Rai and Chiang Saen, Thailand. Seiches in swimming pools observed in Chiang Rai, Thailand. Felt [IV] at Chiang Mai, Chiang Rai and Hang Dong; [III] at Bangkok, Thailand. Felt [II] by people in tall buildings in Hanoi, Vietnam. Felt by people in tall buildings in Vientiane, Laos and in Khlong Toei and Phehchabai, Thailand. Felt strongly in Louangnamtha and Oudomxai, Laos and in Mai Rim, Thailand. Also felt at Yujinghong, China; at Houayxay, Louanphrabang and Muang Sing, Laos; at Ban Mae Chan, Lampang, Lamphun, Mae Ai, Mae Sai, Mae Taeng, Nan, Nonthaburi, Pa Daet Phayao and San Sai, Thailand; in Dien Bien, Dong Da, Hai Ba Trung and Hoan Kiem, Vietnam.

MOS 16 08:56:15.8-0.9, 2054N, 10070E, h30km, mb6.0/90, MS6.3/67, Error ellipse: s-maj=6.7km, s-min=3.1km, az=2.0

GCMT 16 08:56:16.5-0.1, 2052N, 10089E, h13km, MW6.3/115, Moment Tensor Solution: s109.c251, s115.c449; Duration: 394, Moment tensor: Scale 10^18Nm; Mn=0.23e+02; Mw=3.03e+02; Mw=3.25e+02; Mw=3.05e+02; Mw=1.04e+02; Mw=0.40e+02; Best double couple: Mo=3.34800e+10, NP1.9e324.00000, 881.00000, 1.179.00000, NP2.9e54.00000, 889.00000, 1.9.00000, Principal axes: T 3.4720, P1g7.00000, Azm279.00000; N -0.2540, P1g81.00000, Azm61.00000, P -3.2240, P1g5.00000, Azm189.00000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s

SZGRF 16 08:56:16.4, 2074N, 10123E, h33km, mb6.0, MS6.2, Laos CRAAG 16 08:56:17.2, 2051N, 10076E, Mw6.1, IIGL 16 08:56:18.3, 2049N, 10076E, h24km, MS6.4, BGS 16 08:56:41.7, 2441N, 9824E, h25km, mb6.6, MS6.3, ISC 16 08:56:13.2-0.4, 2058N, 0.02-10076E, 0.01, h1km, 2km, n1201, 1.059/1115, mb5.8/286, MS6.4/244, 113C-40D, Laos

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NANT, CHG, CHG, CHTO, CHTO, CM31, BVV, BVV, BVV, Hanoi, Hanoi, Hanoi, Kunming, KMI, KMI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DSV, DSV, DSV, MTZV, MTZV, PLV, PLV, PLV, YU, YU, YU, YU, YU, YU, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHL, Chengdu, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, etc.

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

16d 8h

Table with columns for station code, name, frequency, power, and various performance metrics. Includes stations like XAN, KTG, GUN, PKI, LZH, WHN, DMN, etc.

2007 MAY

Table with columns for station code, name, frequency, power, and various performance metrics. Includes stations like HYB, BTO, SDKM, BHPH, etc.

516

Table with columns for station code, name, frequency, power, and various performance metrics. Includes stations like ULN, INCN, KSH, KSH, etc.

517

MDJ	Mudanjiang	33.82	38	eP	P	09 02 58.1	+1.2
MDJ	comp=Z,29nm,1.1s,mb5.1						
MDJ				eP	LR	09 03 09.0	
KK31	Kararay Array	33.83	318	iP	P	09 02 57.1	+0.2
KK31	comp=Z,53um,21.0s,MS6.2						
KURK	Kurchatov	34.77	335	P	P	09 03 05.9	+0.9
KURK	comp=Z,781nm,0.8s,mb5.7,SNR=77						
KURK	Kurchatov	34.77	335	iP	P	09 03 05.6	+0.6
KURK	comp=Z,159nm,1.0s,mb5.9						
KURK	Kurchatov	34.77	335	eP	P	09 03 05.5	+0.5
KURK	comp=Z,53um,20.0s,MS6.3						
ZAL	Zalesovo	35.47	344	P	P	09 03 12.1	+1.1
ZAAO	Zalesovo Array	35.48	344	eP	P	09 03 11.9	+0.9
ZALV	Zalesovo Beam	35.48	344	P	P	09 03 12.1	+1.1
ZALV	comp=Z,91nm,0.8s,mb5.7,baz=155,slow=8.4,SNR=82						
ZALV						09 19 16.4	
MAJO	Matsushiro	36.28	56	iP	P	09 03 17.1	-1.0
MAJO	comp=Z,353nm,1.5s,mb6.0						
MAJO							
MAJO	Matsushiro	36.28	56	iP	P	09 03 17.1	-1.0
MAJO	comp=Z,45um,20.0s,MS6.2						
MAJO	Matsushiro	36.28	56	iP	P	09 03 17.1	-1.0
MAJO	comp=Z,354nm,1.5s,mb6.0						
MAJO							
MAT	Matsushiro	36.28	56	P	P	09 03 17.0	-1.1
MAT	comp=Z,45um,20.0s,MS6.2						
MJAR	Matsushiro Arr	36.28	56	P	P	09 03 17.6	-0.7
MJAR	comp=Z,40nm,0.9s,mb5.3,baz=265,slow=9.8,SNR=46						
MJAR						09 20 09.9	
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=Z,45um,18.2s,MS6.3,baz=333,slow=40						
NVS						09 10 10.9	+5.3
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=Z,388nm,2.1s,mb5.8						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,395nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,2.3s						
NVS							
NVS	Novosibirsk	36.70	343	iP	P	09 03 21.9	+0.5
NVS	comp=N,296nm,						











16d 9h

Table with columns for station code, name, frequency, and other details. Includes stations like AAM Ann Arbor, BINY Binghamton, ERPA Erie, etc.

2007 MAY

Table with columns for station code, name, frequency, and other details. Includes stations like SDV Santo Domingo, BDFB Brasilia, BDFB Brasilia, etc.

522

Table with columns for station code, name, frequency, and other details. Includes stations like CHCP Chirah Chowk, KBL Kabul, DLH Dalhousie, etc.



16d 10h

Table with columns for station code, name, frequency, and signal strength. Includes stations like AKKESH, SOYAES, MARUSEPPU, etc.

2007 MAY

Table with columns for station code, name, frequency, and signal strength. Includes stations like NRRGR Nerungr, WLL Wachi, BILB Bilibino, etc.

524

Table with columns for station code, name, frequency, and signal strength. Includes stations like GUMO, EGAK Eagle, XAN Xian, etc.





16d 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like K13A Stover Farm, H, QMST Earthquake Lab, V03C Hunter Liggett, etc.

2007 MAY

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like R12A Pony Springs, CTU Camp Tracy, SFJDC Laurel Mountain, etc.

526

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like VRSR comp=N,4.0nm,0.8s, GLA Glamis, GLA Glamis, etc.



16d 10h

Table of station data for 16d 10h, including station names, coordinates, and various parameters like elevation and frequency.

2007 MAY

Table of station data for 2007 MAY, including station names, coordinates, and various parameters like elevation and frequency.

528

Table of station data for 528, including station names, coordinates, and various parameters like elevation and frequency.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NVAR Mina Array, CHMT Chamberlain Mt, NEW Newport, etc.

JSN 16 10:39:46.6, 1.3, 1757N:8008W, h0km, m119km
IDC 16 10:39:54.8, 0.6, 1900N:7956W, h0km, mb4, 0/12
mb1 4.2/13, mb1mx4.1/22, mbtm4.0/13, ML4.5/2, Error
ellipse: s-maj=21.9km s-min=14.6km az=54.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MBJ Montego Bay, MCJ Malvern, CVJ Coleville, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCESS Array B, GERES GERESS Array B, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BILL Bilibino, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CVJ Coleville, MCJ Malvern, STH Stony Hill, etc.

Bull 16 11:15:49.6, 1949N:10100E, h10km, mb4.4, mb4.1, ML4.5, Ms4.3, Msz3.9
IDC 16 11:16:00.5, 1.0, 2060N:10111E, h0km, mb3.8/6,
mb1 4.0/7, mb1mx3.7/22, mbtm3.9/7, ML2.8/1, Error
ellipse: s-maj=73.9km s-min=17.7km az=63.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DBV Dienbien, CHTO Chiang Mai, etc.

NEIC 16 11:16:02.2, 0.7, 2061N:10112E, h10km, Error ellipse:
s-maj=21.4km s-min=11.4km az=82.0
ISC 16 11:16:03.9, 0.5, 2057N:005:10104E:004, h10km, n24,
s164/37, mb3.8/6, Laos

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTZV Met, PHU-Lien, YEN Tu, etc.







16d 13h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WUAZ Wupatki, Y14A Wickenburg, ULM Lac du Bonnet, etc.

2007 MAY

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CD2 comp=Z,230nm,15.6s,MS4.4, WMQ Urumqi, BVAR Borovoye Array, etc.

532

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ULHL Ulahol, TKM2 Tokmak 2, TKM2 31nm,0.5s, etc.

IDC 12:56:46.4:3.4,4082S-8155E,h0km,mb4.0/6,mb1 4.0/6, mb1mx3.8/16,mbtmp3.9/6,MS4.1/6,Ms1 4.1/6, ms1mx3.6/30,Error ellipse: s-major=121.7km s-min=35.0km az=30.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MAW Mawson, ASAR Alice Springs, etc.

BUI 12:13:18.0:2.1,1971N-10062E,h20km,mb4.3,mb3.9,ML4.4, Ms4.3,Ms2.7

ISCJB 16:13:11.7:0.4,2039N-004:101 00E:0.02,h10km, ms3.9/11,Error ellipse: s-major=5.1km s-min=3.0km az=171.9

IDC 12:13:18.1:6.1,2041N-10079E,h0km,mb3.9/10, mb1.4/0.10,mb1mx3.8/22,mbtmp3.9/10,Error ellipse: s-major=64.3km s-min=19.1km az=59.0

PLV 16:13:18.1:2.7,2031N-10091E,h20km,MD4.5,ML4.4 NEIC 16:13:18.1:3.0:0.5,2041N-10082E,h10km,mb4.0/1,Error ellipse: s-major=15.6km s-min=10.2km az=83.0

ISC 16:13:18.1:2.2:1.0,2043N-004:10085E:0.04,h1km,6km,n35, c0589/61,mb3.9/11,Laos

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DBV Dienbien, CHG Chiang Mai, etc.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, KURK Kurchatov, ZAAO Zalesovo Array, ZALV Zalesovo Beam, BVAR Borovoye Array, WRA Warramunga Arr, ASAR Alice Springs, AKASG Malin Array, NB2 NORARS Subarra, NOA NORARS Arr B.

ISCJB 16 17:12:04.0.0.5, 3396N:003.2606E:005, h38km, 7km, mb3, 7/10, Error ellipse: s-maj=7.9km s-min=4.8km az=147.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like XRY Khrisi, NPS Neapolis, IDI Anoyia, GVD Gavdhos, KARP Karpathos, VAM Vamos, SANT Santorini, UNJ UNJ, ARG Arkhangelos, HMAT Matruh, VLI Veliai, ITM Ithomi, SSW SSW, SWA2 SWA2, CSS Prodromhos.

AWBH AWBH, GL Jalalah, AMAG Maghara, HFRF Wahat Farafira, SUZ Mout Meron Ar, MMAI Mout Meron Ar.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GRB Gharib, TR2 Jabal Katrina, HKAT Elat, EIL Elat, HDK Dakhla, TPI Timpragrande, KEST Kesra, KIEV Kiev, AKASG Malin Array Be, AKAB Malin Array Si, GERES GERES Array B, DAVOX Davos/Dischmat, CLL Collm, HFS Hagfors, FINES FINES Array B, AKTK Aktyubinsk, NOA NORARS Array B, TOAD Torodi Ar. Sit, TOAO Torodi Ar. Bea, ARCES ARCES Array B, BVAR Borovoye Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, YKA Yellowknife Ar, YKA Yellowknife Ar.

PLV 16 17:23:29.0.1.1, 2065N:10105E, h14km, 6km, MD3.9, Laos

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DBV Dienbien, DBV Ba Vi, BVV Ba Vi, HNV Hanoi, HNV Hanoi, DSV Doi Son, DSV Doi Son, MTZV Met, MTZV Met, YTV Yen Tu, YTV Yen Tu.

ISCJB 16 17:24:12.2.0.6, 3161N:006.1384E:01, h380km, 8km, mb2, 7/3, Error ellipse: s-maj=18.6km s-min=7.7km az=164.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHJ Hachioji jima 2, JHJ Hachioji jima 2, JHJ Mitsune, JHMJ Hamamatsu 2, JOD2 Odawara 2, BSO1 Boso 1, JNY Yasuok.

ISCJB 16 17:24:13.0.0.8, 3155N:13830E, h370km, 17km, mb2, 7/3, mb1 2.9/8, mb1mx2.8/23, mbtmp3.0/8, Error ellipse: s-maj=40.0km s-min=11.2km az=69.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHJ Hachioji jima 2, JHJ Mitsune, JHMJ Hamamatsu 2, JOD2 Odawara 2, BSO1 Boso 1, JNY Yasuok.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JYN Shimob, JYU Hanno, JHU JHU, JRY Ryogami san, JRT Yatsuo, JYT Yatsuo, MJAR Matsushiro Arr, MJAR Matsushiro, MAT Matsushiro, MAT Matsushiro, MAT Matsushiro, HJH Hitachi, CBJU Chichi jima, CBJU Chichi jima, KSRs Korea Array, ASAJ Asahikawa, ASAJ Asahikawa, SONM Songo Array, MKAR Makanchi Array, WRA Warramunga Arr.

ISCJB 16 17:40:14.6.1.8, 799S:11102E, h0km, mb3, 7/4, mb1 4.0/5, mb1mx3.7/17, mbtmp3.9/5, ML4.5/1, Error ellipse: s-maj=86.6km s-min=26.2km az=46.0, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BATI Kupang, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array.

CSEM 16 17:55:57.2.0.2, 3844N:3890E, h21km, 1km, MD2.9, Error ellipse: s-maj=5.7km s-min=3.0km az=177.0

DDA 16 17:55:58.0, 3829N:3894E, h7km, 3km, MD3.0, ISK 16 17:55:57.2, 3847N:3889E, h20km, MD2.9, ISCJB 16 17:55:58.1, 0.7, 3853N:006.3886E:004, h20km, 5km, Error ellipse: s-maj=10.8km s-min=5.4km az=171.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ELZG Elazig, SVRC Sivrice-ELAZID, MYA Malataya, MALT Malatya, PTK Pertek, URFA Urfa, GZT Gaziantep, KMRS Kahramanmaraş, MARD Mardin, SVSK Karacayir.

ISC 16 18:34:10.2.5.2, 774S:12833E, h184km, 53km, mb3.2/1, mb1 3.0/1, mb1mx2.9/15, mbtmp2.9/5, Error ellipse: s-maj=54.0km s-min=21.4km az=47.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BATI Kupang, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

ISC 16 18:44:47.4.62.0, 1366S:16549E, h0km, mb3, 7/3, mb1 3.9/3, mb1mx3.6/14, mbtmp3.7/3, Error ellipse: s-maj=1036.0km s-min=113.2km az=63.0, Vanuatu Islands

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

CSEM 16 18:49:39.2.0.2, 3994N:3933E, h0km, 1km, MD3.5, Error ellipse: s-maj=2.3km s-min=1.5km az=96.0

DDA 16 18:49:39.3, 3992N:3915E, h7km, 6km, MD3.2, ISCJB 16 18:49:40.4, 1.0, 3992N:003.3932E:005, h2km, 9km, Error ellipse: s-maj=6.9km s-min=4.5km az=9.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMT Gumushane, KOPT Kop Dagı, MACK Mackay, ESPY Espiye-Giresun, KTUT Trabzon, GRSN Giresungrsn, BINT Bingol, ELZG Elazig, SVRC Sivrice-ELAZID, PZAR Pazar-Rize, MYA Malataya, MALT Malatya, SVSK Karacayir, TOKT Tokat, BCSA Borcka, BTMT Batman, URFA Urfa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KVT Kavak, AGRB Hanur-Agry, MARD Mardin, BNN Bunyan, BNN Bunyan, JYT Yatsuo, DIKM Dikmen, DIKM Dikmen.

NEIC 16 18:49:57.8, 3755S:17673E, h234km, MG4.3(WEL), After WEL

WEL 16 18:49:56.3, 1.6, 3748S:17679E, h245km, 12km, ML4.3/18, Error ellipse: s-maj=12.1km s-min=11.7km az=90.0, Puketi Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ Urewera, URZ Urewera, MWZ Matawai, MWZ Matawai, MWZ Matawai, MXZ Matakaua Point, PUK Puketi, KNZ Kokohu, KNZ Kokohu, BKZ Black Stump Fm, BKZ Black Stump Fm, WPVZ Whakapapa, WPVZ Whakapapa, TUZV Tukino, TUZV Tukino, TRVZ Tuoro, TRVZ Tuoro, MOVZ Moawhango, MOVZ Moawhango, PKVZ Puketi Island, PKVZ Puketi Island, PXZ Pawanui, PXZ Pawanui, PHZ Waipukurua, PHZ Waipukurua, TSZ Takapari Road, TSZ Takapari Road, WAZ Wanganui, WAZ Wanganui, TIWZ Tintock, TIWZ Tintock, KIWI Kapiti Island, KIWI Kapiti Island, KIWI Kapiti Island, MTW Mtakihi, MTW Mtakihi, CAW Cannon Point, CAW Cannon Point, DUWZ D'Urville Isla, DUWZ D'Urville Isla, TRVZ Traveller, TRVZ Traveller, MRW Makara Radio, MRW Makara Radio, MSWZ Moikau Station, MSWZ Moikau Station, WEL Wellington, WEL Wellington, WAZ Wanganui, WAZ Wanganui, SNZ South Korori, SNZ South Korori, TCW Tory Channel, TCW Tory Channel, PLVZ Palliser, PLVZ Palliser, NNZ Nelson, NNZ Nelson, NNZ Nelson, QRZ Quartz Range, QRZ Quartz Range, BSWZ Blackbirch Sta, BSWZ Blackbirch Sta, THZ Topohue, THZ Topohue, KHZ Kahutara, KHZ Kahutara, DSZ Denniston North, DSZ Denniston North, LTZ Lake Taylor, LTZ Lake Taylor, ODZ Otauhu Downs, ODZ Otauhu Downs.

MOS 16 18:51:55.5, 1.3, 4722N:15435E, h33km, mb3, 9/1, Error ellipse: s-maj=23.5km s-min=13.3km az=49.1, ISCJB 16 18:52:00.2, 1.1, 476N:01.1535E:02, h94km, 11km, mb3, 7/9, Error ellipse: s-maj=29.3km s-min=5.7km az=42.2

NEIC 16 18:52:04.9, 0.5, 4793N:15288E, mb4, 6/2, Error ellipse: s-maj=22.9km s-min=8.6km az=129.0

ISC 16 18:52:07.3, 4.4, 4795N:15306E, h140km, 41km, mb3, 4/8, mb1 3.7/9, mb1mx3.5/19, mbtmp3.5/9, MS3.4/1, Ms1 3.4/1, ms1mx2.7/26, Error ellipse: s-maj=31.7km s-min=18.7km az=125.0

ISC 16 18:52:02.3, 0.9, 477N:01.1534E:02, h97km, 9km, n56, +f1849/57, mb3, 7/9, 1-C, 2D, Kuril Islands

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

JRA Rausu, NEM2 Nemuro 2, NEM2 Nemuro 2, YZH Yuzh-Sakhalins, JNK Nakash, JTKR Abashiri-Toko, JAK Akkeshi, JAK Akkeshi, JMP Maruseppu, JAB Ashorobuto, JOR Onshoto, JWKC Keihoku, ASAJ Asahikawa, ASAJ Asahikawa.

ISC 16 18:54:03.8, 3.8, 4795N:15306E, h140km, 41km, mb3, 4/8, mb1 3.7/9, mb1mx3.5/19, mbtmp3.5/9, MS3.4/1, Ms1 3.4/1, ms1mx2.7/26, Error ellipse: s-maj=31.7km s-min=18.7km az=125.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, JKK Kamakawa 2, JSS JSS, JCH Churui, JCH Churui, JFR Furan, JAK Ashibetsu, JBT Bitori 2, JEM Erimo, JEM Erimo, ERM Erimo, ERM Erimo, JNBK Urakawa-nobuka, JNBK Urakawa-nobuka, JSK Shakotan, JSK Shakotan, JNBK Noboribetsu, JNBK Kayabe, JYK Yakumo 2, JSR Shirubachi, JTM Tenriuchiyashi, JANG Nango.



16d 22h

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

IDC 16:55:21.5-5.7, 1931S, 16688E, h0km, mb3.6/2, mb1 3.9/2, mb1mx3.6/12, mbmtpp3.6/2, Error ellipse: s-maj=221.1km s-min=86.8km az=156.0, Vanuatu Islands region

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

ISCJB 16:19:15:16.6-2.9, 480N:02:154.4E:03, h47km, 23km, mb3.6/4, Error ellipse: s-maj=49.4km s-min=10.6km az=137.0

MOS 16:19:15:16.8-0.7, 4802N:154.39E, h48km, mb4.0/1, Error ellipse: s-maj=44.7km s-min=25.5km az=64.8

IDC 16:19:15:20.5-6.3, 4785N:154.35E, h73km, 68km, mb3.4/4, mb1 3.6/5, mb1mx3.2/1, mbmtpp3.5/5, ML4.1/1, Error ellipse: s-maj=69.7km s-min=36.2km az=162.0

ISC 16:19:15:18.4-2.6, 480N:02:154.5E:03, h47km, 21km, n8, 065/9, mb3.6/4, Kuril Islands

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

ISC 16:19:30:38.4-1.5, 084N:122.35E, h0km, mb3.4/3, mb1 3.7/4, mb1mx3.5/18, mbmtpp3.4/4, ML3.4/1, Error ellipse: s-maj=135.6km s-min=23.2km az=64.0, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ, WRA, WB2.

IDC 16:19:32:47.5-1.8, 109N:96.97E, h0km, mb3.6/5, mb1 3.6/6, mb1mx3.5/21, mbmtpp3.6/6, ML2.8/1, Error ellipse: s-maj=51.7km s-min=22.4km az=59.0

ISCJB 16:19:32:51.1-1.2, 12N:01:97.1E:02, h33km, mb3.7/6, Error ellipse: s-maj=23.4km s-min=17.5km az=154.9

NEIC 16:19:32:52.5-1.0, 116N:97.12E, h30km, mb3.9/1, Error ellipse: s-maj=20.1km s-min=14.7km az=63.0

ISC 16:19:32:53.6-1.2, 12N:01:97.2E:02, h35km, n8, 069/8, mb3.7/6, Northern Sumatra

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

IDC 16:19:32:47.5-1.8, 109N:96.97E, h0km, mb3.6/5, mb1 3.6/6, mb1mx3.5/21, mbmtpp3.6/6, ML2.8/1, Error ellipse: s-maj=51.7km s-min=22.4km az=59.0

ISCJB 16:19:32:51.1-1.2, 12N:01:97.1E:02, h33km, mb3.7/6, Error ellipse: s-maj=23.4km s-min=17.5km az=154.9

NEIC 16:19:32:52.5-1.0, 116N:97.12E, h30km, mb3.9/1, Error ellipse: s-maj=20.1km s-min=14.7km az=63.0

ISC 16:19:32:53.6-1.2, 12N:01:97.2E:02, h35km, n8, 069/8, mb3.7/6, Northern Sumatra

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

IDC 16:19:32:47.5-1.8, 109N:96.97E, h0km, mb3.6/5, mb1 3.6/6, mb1mx3.5/21, mbmtpp3.6/6, ML2.8/1, Error ellipse: s-maj=51.7km s-min=22.4km az=59.0

ISCJB 16:19:32:51.1-1.2, 12N:01:97.1E:02, h33km, mb3.7/6, Error ellipse: s-maj=23.4km s-min=17.5km az=154.9

NEIC 16:19:32:52.5-1.0, 116N:97.12E, h30km, mb3.9/1, Error ellipse: s-maj=20.1km s-min=14.7km az=63.0

ISC 16:19:32:53.6-1.2, 12N:01:97.2E:02, h35km, n8, 069/8, mb3.7/6, Northern Sumatra

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

2007 MAY

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

IDC 16:20:08:34.2-2.6, 879S:78.68W, h0km, mb4.0/4, mb1 4.2/4, mb1mx3.8/17, mbmtpp4.0/4, MS2.8/1, Ms1 2.9/1, ms1mx2.6/23, Error ellipse: s-maj=105.5km s-min=34.6km az=28.0

NEIC 16:20:08:35.9-1.2, 828S:78.83W, h10km, mb3.8/1, ML4.1(LIM), Error ellipse: s-maj=34.9km s-min=15.9km az=70.0

NEIC Felt [I] at Chimboe and Salaverry.

ISCJB 16:20:08:36.5-1.1, 825S:01:78.4W:02, h10km, mb3.9/4, Error ellipse: s-maj=30.5km s-min=13.3km az=158.8

ISC 16:20:08:38.4-8.4, 825S:01:78.4W:02, h10km, 53km, n12, +f09/10, mb3.9/4, Near coast of northern Peru

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

IDC 16:20:05:2.2-8.8, 2849S:177.22W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.8/12, mbmtpp3.8/3, MS3.1/1, Ms1 3.1/1, ms1mx3.0/13, Error ellipse: s-maj=69.6km s-min=24.3km az=116.0, Kermadec Islands region

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

IDC 16:21:22:39.8-1.1, 1755S:70.22W, h130km, 42km, mb3.9/2, mb1 3.7/3, mb1mx3.3/17, mbmtpp3.7/3, Error ellipse: s-maj=167.3km s-min=68.9km az=152.0, Near coast of Peru

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

IDC 16:21:33:35.5-1.6, 134N:126.71E, h0km, mb3.9/4, mb1 4.1/6, mb1mx3.8/17, mbmtpp4.0/6, ML3.6/2, Error ellipse: s-maj=52.2km s-min=23.4km az=66.0

NEIC 16:21:33:36.5-0.8, 135N:126.65E, h10km, mb4.1/5, Error ellipse: s-maj=22.0km s-min=11.2km az=67.0

ISCJB 16:21:33:38.2-0.9, 13N:01:126.5E:02, h33km, mb4.0/8, Error ellipse: s-maj=23.7km s-min=12.3km az=157.1

ISC 16:21:33:46.5-5.6, 11N:02:126.3E:03, h93km, 51km, n12, +f06/12, mb4.0/8, Northern Molucca Sea

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

IDC 16:21:33:35.5-1.6, 134N:126.71E, h0km, mb3.9/4, mb1 4.1/6, mb1mx3.8/17, mbmtpp4.0/6, ML3.6/2, Error ellipse: s-maj=52.2km s-min=23.4km az=66.0

NEIC 16:21:33:36.5-0.8, 135N:126.65E, h10km, mb4.1/5, Error ellipse: s-maj=22.0km s-min=11.2km az=67.0

ISCJB 16:21:33:38.2-0.9, 13N:01:126.5E:02, h33km, mb4.0/8, Error ellipse: s-maj=23.7km s-min=12.3km az=157.1

ISC 16:21:33:46.5-5.6, 11N:02:126.3E:03, h93km, 51km, n12, +f06/12, mb4.0/8, Northern Molucca Sea

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

IDC 16:21:53:32.9, 4061N:275.6E, h7km, 79km, Md2.9

ISCJB 16:21:53:36.6-0.4, 4057N:003:27.31E:03, h8km, 4km, Error ellipse: s-maj=5.2km s-min=4.1km az=169.5

536 CSEM 16:21:53:36.6-0.4, 4059N:273.1E, h10km, MD3.0, Error ellipse: s-maj=1.9km s-min=1.6km az=24.0

ISK 16:21:53:36.4, 4057N:27.31E, h10km, MD3.0

ISC 16:21:53:36.8-0.4, 4057N:003:27.31E:03, h10km, 4km, n21, +f05/29, Turkey

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

KNET 16:22:04:38.5-0.7, 4221N:77.42E, h7km, 4km, ml2.5, Error ellipse: s-maj=9.9km s-min=3.7km az=5.0

NINC 16:22:04:39.4-0.6, 4241N:77.68E, h23km, 6km, mb3.6, mp2.9, Error ellipse: s-maj=6.4km s-min=3.3km az=91.0

ISC 16:22:04:41.0-2.1, 4237N:007:77.4E:01, h10km, n14, +f12/5/14, 10C-7D, Lake Issyk-Kul region

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

IDC 16:22:28:19.1-3.4, 519S:152.16E, h0km, mb3.7/3, mb1 4.0/3, mb1mx3.8/14, mbmtpp3.8/3, MS3.2/1, Ms1 3.2/1, ms1mx2.5/18, Error ellipse: s-maj=113.8km s-min=47.9km az=122.0, New Britain region

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

IDC 16:22:41:37.5-0.5, 3872S:176.93E, h33km, ML3.6/4, Error ellipse: s-maj=5.0km s-min=1.8km az=90.0, North

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

IDC 16:22:42:38.9-1.3, 405N:126.66E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.7/18, mbmtpp3.7/6, Error ellipse: s-maj=92.0km s-min=20.3km az=72.0, Talau Islands

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

IDC 16:22:57:18.4-3.0, 005S:158.7W, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/23, mbmtpp3.8/4, ML3.0/1, MS3.5/11, Ms1 3.5/11, ms1mx3.3/20, Error ellipse: s-maj=83.1km s-min=53.3km az=149.0, North of Ascension Island

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

IDC 16:22:57:18.4-3.0, 005S:158.7W, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/23, mbmtpp3.8/4, ML3.0/1, MS3.5/11, Ms1 3.5/11, ms1mx3.3/20, Error ellipse: s-maj=83.1km s-min=53.3km az=149.0, North of Ascension Island

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

IDC 16:22:57:18.4-3.0, 005S:158.7W, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/23, mbmtpp3.8/4, ML3.0/1, MS3.5/11, Ms1 3.5/11, ms1mx3.3/20, Error ellipse: s-maj=83.1km s-min=53.3km az=149.0, North of Ascension Island

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

IDC 16:22:57:18.4-3.0, 005S:158.7W, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/23, mbmtpp3.8/4, ML3.0/1, MS3.5/11, Ms1 3.5/11, ms1mx3.3/20, Error ellipse: s-maj=83.1km s-min=53.3km az=149.0, North of Ascension Island

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

IDC 16:22:57:18.4-3.0, 005S:158.7W, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/23, mbmtpp3.8/4, ML3.0/1, MS3.5/11, Ms1 3.5/11, ms1mx3.3/20, Error ellipse: s-maj=83.1km s-min=53.3km az=149.0, North of Ascension Island

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

IDC 16:22:57:18.4-3.0, 005S:158.7W, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.6/23, mbmtpp3.8/4, ML3.0/1, MS3.5/11, Ms1 3.5/11, ms1mx3.3/20, Error ellipse: s-maj=83.1km s-min=53.3km az=149.0, North of Ascension Island

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



Table with columns: LPAZ, La Paz, 53.98 250 LR, 23 28 37.4, etc.

ISC/B 16 22:58:13.9.0.7, 693S:0.06:13002E:0.07, h100km, mb4.1/4, Error ellipse: s-maj=10.7km s-min=8.0km az=140.7

NEIC 16 22:58:13.7.2.5, 686S:13007E, h79km, mb2.6km, Error ellipse: s-maj=27.5km s-min=11.8km az=47.0

IDC 16 22:58:15.2.6.7, 689S:130.12E, h93km, mb3.6/3, mb1.3/0.7, mb1mx3/6/1.5, mbtmp3/7/7, ML4.2/4, Error ellipse: s-maj=77.1km s-min=23.4km az=57.0

ISC 16 22:58:13.7.2.6, 69S:01:1301E:0.1, h76km, mb3.0km, n15, o090/18, mb4.1/4, Banda Sea

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

IDC 16 23:13:37.0.0.9, 5621S:2682W, h0km, mb4.2/3, mb1.4/4/3, mb1mx3.9/16, mbtmp4.2/3, Error ellipse: s-maj=40.4km s-min=29.3km az=85.0

ISC/B 16 23:13:36.3.0.7, 562S:0.1:269W:0.3, h10km, mb4.2/7, Error ellipse: s-maj=22.7km s-min=15.1km az=14.6

NEIC 16 23:13:50.1.4.3, 5027S:2695W, h116km, mb4.1/5, Error ellipse: s-maj=14.6km s-min=10.6km az=112.0

ISC 16 23:13:38.0.0.7, 562S:0.1:269W:0.3, h10km, n19, o082/13, mb4.2/7, South Sandwich Islands region

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

IDC 16 23:21:24.9.5.0, 1248S:16560E, h0km, mb4.0/4, mb1.4/1.4, mb1mx3.8/14, mbtmp4.0/4, MS3.3/1, ms1mx2.9/28, Error ellipse: s-maj=135.4km s-min=48.2km az=117.0, Santa Cruz Islands

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

IDC 16 23:37:39.8.0.4, 654S:10526E, h0km, mb4.7/24, mb1.4/7.26, mb1mx4.7/28, mbtmp4.6/26, ML4.2/2, MS4.0/2, MS1.4/0.2, ms1mx3.4/4.1, Error ellipse: s-maj=14.3km s-min=9.3km az=35.0

BUI 16 23:37:42.0.4, 660S:10520E, h10km, mb5.0, mb5.0, Ms4.9, Ms2.5

NEIC 16 23:37:42.6.2.6, 658S:10522E, h16km, mb1.5km, mb5.0/25, Error ellipse: s-maj=8.2km s-min=4.8km az=53.0

MOS 16 23:37:43.7.1.0, 644S:10536E, h33km, mb5.4/22, Error ellipse: s-maj=13.2km s-min=6.3km az=117.1

ISC/B 16 23:37:47.8.0.8, 655S:0.05:10527E:0.04, h71km, mb6km, mb4.9/83, Error ellipse: s-maj=9.0km s-min=5.5km az=40.0

ISC 16 23:37:49.3.0.7, 656S:0.05:10529E:0.04, h70km, mb5km, h38km, mb8km, pP, n232, o088/196, mb4.9/83, 19C-11D, Sunda Strait

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

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

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Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

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Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

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Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

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Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

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Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: KSM, Kuching, 9.42 32 ePn, 23 40 00.2 -2.2, etc.

Table with columns: HHC, comp=Z,33nm,1.1s,mb5.1, AMB, AMB, etc.

Table with columns: HHC, comp=Z,259nm,7.0s, AMB, AMB, etc.

Table with columns: HHC, comp=N,937nm,17.1s, LR, LR, etc.

Table with columns: HHC, comp=E,952nm,15.3s, LR, LR, etc.

Table with columns: HHC, comp=Z,851nm,16.9s, LR, LR, etc.

Table with columns: HHC, comp=Z,2.6nm,0.6s,mb4.3,baz=197,slow=8.4,SNR=7.5, 23 47 26.9 +0.7

Table with columns: HHC, comp=Z,3.0nm,0.9s,baz=202,slow=8.4,SNR=7.5, 23 47 50.1 -0.6

Table with columns: HHC, comp=Z,3.0nm,0.9s,baz=202,slow=8.4,SNR=7.5, 23 46 34.9 +2.0

Table with columns: HHC, comp=Z,5.7nm,0.8s,mb5.1, 23 46 57.0 +0.9

Table with columns: HHC, comp=Z,32nm,1.0s,mb5.3, AMB, AMB, etc.

Table with columns: HHC, comp=Z,2.2nm,0.6s,mb4.4,baz=209,slow=6.3,SNR=6.0, 23 46 55.6 -2.1

Table with columns: HHC, comp=Z,2.1nm,0.8s,baz=207,slow=4.6,SNR=6.7, 23 48 07.0 +0.7

Table with columns: HHC, comp=Z,2.1nm,0.8s,baz=207,slow=4.6,SNR=6.7, 23 47 01.1 +0.2

Table with columns: HHC, comp=Z,2.1nm,0.8s,baz=207,slow=4.6,SNR=6.7, 23 47 11.3 -7.5

Table with columns: HHC, comp=Z,2.1nm,0.8s,baz=207,slow=4.6,SNR=6.7, 23 47 14.3 -12

Table with columns: HHC, comp=Z,2.1nm,0.8s,baz=207,slow=4.6,SNR=6.7, 23 49 02.0 +0.2

Table with columns: HHC, comp=Z,200nm,3.4s, 53.32 323 eP, 23 47 00.7 -0.7

Table with columns: HHC, comp=Z,8.2nm,0.6s,mb4.9, 53.34 18 eP, 23 47 01.3 -0.1

Table with columns: HHC, comp=Z,2.0nm,0.9s,mb5.2, AMB, AMB, etc.

Table with columns: HHC, comp=N,300nm,15.0s, LR, LR, etc.

Table with columns: HHC, comp=E,200nm,15.0s, LR, LR, etc.

Table with columns: HHC, comp=Z,500nm,14.0s, 54.17 1 P, 23 47 07.8 +0.4

Table with columns: HHC, comp=Z,3.1nm,0.5s,mb5.2,baz=177,slow=7.9,SNR=6.3, 23 48 11.7 +0.6

Table with columns: HHC, comp=Z,5.1nm,0.5s,baz=177,slow=7.9,SNR=6.3, 23 47 07.0 0.0

Table with columns: HHC, comp=Z,5.1nm,0.5s,baz=177,slow=7.9,SNR=6.3, 23 47 08.0 +0.3

Table with columns: HHC, comp=Z,6.0nm,0.6s,mb4.8, 55.44 21 P, 23 47 18.6 +1.9

Table with columns: HHC, comp=Z,99nm,5.7s, 55.63 333 P, 23 47 18.9 +0.8

Table with columns: HHC, comp=Z,5.0nm,0.8s,mb4.6, 56.08 333 eP, 23 47 21.7 +0.4

Table with columns: HHC, comp=Z,5.0nm,0.8s,mb4.6, 56.15 334 eP, 23 47 21.7 -0.1

Table with columns: HHC, comp=Z,13nm,0.6s,mb5.1, 56.15 334 eP, 23 47 21.7 -0.1

Table with columns: HHC, comp=Z,13nm,0.6s,mb5.1, 56.15 334 P, 23 47 21.8 0.0

Table with columns: HHC, comp=Z,6.0nm,0.6s,mb4.8, 56.23 333 P, 23 47 23.3 +1.0

Table with columns: HHC, comp=Z,6.0nm,0.6s,mb4.8, 56.38 332 eP, 23 47 23.5 0.0

Table with columns: HHC, comp=Z,14nm,0.7s,mb4.9, 56.38 332 P, 23 47 24.3 +0.8

Table with columns: HHC, comp=Z,3.0nm,0.8s,mb4.4, 56.74 358 eP, 23 47 25.4 -0.4

Table with columns: HHC, comp=Z,3.0nm,0.8s,mb4.4, 56.76 333 eP, 23 47 25.9 -0.2

Table with columns: HHC, comp=Z,1.9nm,0.9s,mb5.1, 56.76 333 P, 23 47 26.9 +0.8

Table with columns: HHC, comp=Z,1.9nm,0.9s,mb5.1, 56.76 333 P, 23 47 26.9 +0.8

Table with columns: HHC, comp=Z,5.0nm,0.8s,mb4.9, 56.91 341 eP, 23 47 26.4 -0.7

Table with columns: HHC, comp=Z,5.0nm,0.8s,mb4.9, 56.91 341 eP, 23 47 26.2 -0.9

Table with columns: HHC, comp=Z,5.0nm,0.8s,mb4.9, 56.91 341 eP, 23 47 25.9 -1.2

Table with columns: HHC, comp=Z,4.9nm,0.5s,mb4.8,baz=152,slow=8.8,SNR=5.7, 56.12 331 eP, 23 47 36.1 +0.7

Table with columns: HHC, comp=Z,4.9nm,0.5s,mb4.8,baz=152,slow=8.8,SNR=5.7, 60.18 20 eP, 23 47 45.0 -4.7

Table with columns: HHC, comp=Z,4.9nm,0.5s,mb4.8,baz=152,slow=8.8,SNR=5.7, 60.71 22 eP, 23 47 50.2 -3.2

Table with columns: HHC, comp=Z,4.9nm,0.5s,mb4.8,baz=152,slow=8.8,SNR=5.7, 60.71 22 eP, 23 50 04.6

Table with columns: HHC, comp=Z,4.9nm,0.5s,mb4.8,baz=152,slow=8.8,SNR=5.7, 60.71 22 eP, 23 56 03.9 -1.0





mb1 5.3/32, mb1mx5.3/32, mbtmp5.2/32, MS4.9/20, Ms1 4.9/20, ms1mx4.9/23 Error ellipse: s-maj=-8.7km s-min=-8.0km az=11.0

ISC 1623:58:41.1-0.8, 703S:003:15585E:003,h74km,7km, h27km,6.0km;P-P,N,852,089/312,mb5.7/19,164-54D, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Honiara, Charters Tower, Guam, etc.

Table with columns: RAO, MLR, MLR, Time, Res, ISC. Lists various stations like RAO, DAV, FORT, KAPI, etc.

Table with columns: NJ2, P, P, Time, Res, ISC. Lists various stations like Nanjing, Taravao, Kungming, etc.









Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like KAR1, BRY, ULC, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like TSUM, Tsumeb, MENF, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like CMAH, Djebel Manchow, ABSA, etc.

CSEM 17 00:21:38.2, 9.77N, 40.67E, h10km, mb4.4/1, After NEIC

ISC 17 00:21:38.3, 0.6, 9.74N, 007.4063E, 0.10, h10km, n19, c#082/23, mb3.9/7, Ethiopia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like DESE, ATD, KEMBO, TORODI, BOSHA, BOS, GERES, BVAR, MKAR, ZAAO, ZALV, SONMI.

DDA 17 00:25:51.8, 37.61N, 30.31E, h14km, Md3.0

ISK 17 00:25:52.2, 37.72N, 30.21E, h5km, MD3.0

ISCJB 17 00:25:53.7, 0.6, 37.68N, 0.03, 30.20E, 0.05, h5km, Error ellipse: s-maj=5.6km s-min=4.2km az=148.3

CSEM 17 00:25:53.2, 0.1, 37.68N, 30.19E, h5km, MD3.0, Error ellipse: s-maj=3.8km s-min=2.8km az=53.0

ISC 17 00:25:54.0, 0.8, 37.69N, 0.03, 30.19E, 0.07, h3km, gkm, n12, c#095/19, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ISP, TKPT, BCK, ANTB, SHUT, EL, KULA, GDZ, MANT, KIZI, ESKT, SEYT.

ISCJB 17 00:56:59.1, 0.9, 4.88N, 0.07, 75.88W, 0.09, h169km, gkm, mb3.6/9, Error ellipse: s-maj=14.0km s-min=12.1km az=167.5

NEIC 17 00:56:59.3, 0.9, 4.80N, 75.93W, h153km, gkm, mb4.1/5, Error ellipse: s-maj=12.8km s-min=8.8km az=53.0

IDC 17 00:56:59.8, 1.6, 4.81N, 75.93W, h156km, 1.3km, mb3.4/6, mb1 3.6/7, mb1mx3.4/20, mbtmpt3.4/7, Error ellipse: s-maj=23.9km s-min=15.2km az=64.0

ISC 17 00:57:00.1, 0.9, 4.87N, 0.08, 75.88W, 0.09, h162km, gkm, n18, c#099/19, mb3.6/9, Colombia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ROSC, SDV, JTS, SJG, LPAZ, SIV, BDFB, CPUP, CPUP, TRQA, PLCA, NVAR, YKA, YKA, YKA, TORO, ASAR, WRA.

IDC 17 01:08:40.6, 1.6, 6.56S, 148.12E, h0km, mb4.1/5, mb1 4.4/6, mb1mx4.0/14, mbtmpt4.1/6, ML4.1/1, MS3.3/1, Ms1 3.3/1, ms1mx2.6/24, Error ellipse: s-maj=47.2km s-min=24.3km az=94.0

NEIC 17 01:08:41.0, 0.4, 6.51S, 148.27E, h10km, mb4.6/6, Error ellipse: s-maj=10.1km s-min=8.7km az=123.0

ISCJB 17 01:08:42.5, 0.7, 6.60S, 0.09, 148.29E, 0.10, h33km, mb4.3/7, Error ellipse: s-maj=14.3km s-min=12.2km az=33.2

ISC 17 01:08:44.7, 0.7, 6.59S, 0.09, 148.25E, 0.09, h35km, n21, c#087/18, mb4.3/7, New Britain region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like HNR, HNR, CTAO, WRAB, WRA, WRA, ASAR, ARMA, FITZ, FITZ, STKA.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like STKA, KKM, KLB, SONM, VVDA, VVDA, KURK, PMR, TEIG, TORO.

IGQ 17 01:09:35.9, 20.6S, 79.94W, h11km, 4km, Mb4.2, Ms4.0, 12C-8D, Error ellipse: s-maj=6.0km s-min=1.5km az=82.1, Near coast of Ecuador

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IGUA, BILB, BILB, ARRY, JUIV, JUIV, PATA, RETU, RETU, RUNS, RUNS, ULBA, ULBA, PISA, PISA, TAMB, VC1, VC1, JUA2, JUA2, TERV, TERV, GGP, PINO, ANTI, ANTI, CAYR, CAYR, COTA, COTA.

NEIC 17 01:13:05.1, 32.41S, 71.42W, h15km, ML2.7(GUC), After GUC

GUC 17 01:13:05.1, 0.6, 32.41S, 71.42W, h15km, gkm, MD3.5, ML2.7, 4C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IHA, IHA, JACH, JACH, PEL, PEL, RCDM, RCDM, CLCH, CLCH, CMCH, CMCH, CMCH, CMCH, TACH, TACH, FCH, FCH, FCH, FCH, PCH, PCH, LNV, LNV, CHCH, CHCH, LMEL, LMEL, LMEL, LMEL, SFDO.

IDC 17 01:59:35.4, 1.1, 35.87N, 71.97E, h0km, mb3.9/3, mb1 3.9/6, mb1mx3.5/23, mbtmpt3.7/6, ML3.4/3, Error ellipse: s-maj=89.6km s-min=49.2km az=162.0

NEIC 17 01:59:44.4, 8.3643N, 71.81E, h70km, 26km, mb3.7/2, Error ellipse: s-maj=51.8km s-min=22.1km az=175.0

ISCJB 17 01:59:55.0, 1.4, 37.07N, 0.07, 71.8E, 0.1, h115km, 17km, mb3.9/3, Error ellipse: s-maj=18.7km s-min=16.1km az=149.4

NNC 17 02:00:05.0, 0.3, 0.3, 37.86N, 71.50E, h205km, 40km, mb2.8, mbp3.8, Error ellipse: s-maj=30.5km s-min=15.5km az=15.0

ISC 17 01:59:55.4, 1.3, 37.01N, 0.07, 71.8E, 0.1, h108km, 15km, n31, c#093/3, mb3.9/3, 3C-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like AML, AML, UCH, UCH, KZA, EK2S, EK2S, KK31, CHMS, TKM2, TKM2, TKM2, DANN, KOLN, GKN, KURK, KURK, KKN, DMN.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like AB31, AB31, PKI, GUN, JIRN, BVAR, BRVK, AKTO, ZALV, KIV, ARCES, YKA.

ISCJB 17 02:12:54.2, 1.2, 54.1S, 0.2, 133.1W, 0.3, h10km, mb3.8/3, Error ellipse: s-maj=35.9km s-min=25.1km az=18.1

IDC 17 02:12:54.2, 1.6, 54.80S, 132.82W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/14, mbtmpt3.9/3, MS3.9/1, Ms1 3.9/1, ms1mx3.2/22, Error ellipse: s-maj=350.8km s-min=29.7km

ISC 17 02:12:56.2, 1.2, 54.1S, 0.2, 133.2W, 0.3, h10km, (h12km, gkm, pp-P), n8, c#082/6, mb3.8/3, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PPT, VNA3, VNA3, VNA2, VNA2, VNA1, VNA1, LPAZ, WRA, TORO.

ISCJB 17 02:16:33.2, 0.5, 38.50N, 0.02, 122.70W, 0.04, h9km, 3km, Error ellipse: s-maj=4.8km s-min=3.3km az=7.0

NEIC 17 02:16:33.3, 0.3850N, 122.73W, h6km, ML3.0(NCEDC), After NCEDC

NEIC Felt (IJC) at Headsburg, Santa Rosa, Sebastopol and Windsor. Also felt at Fairfax, Forestville, Fulton, Graton, Guerneville, Richmond and San Rafael.

ISC 17 02:16:33.4, 0.4, 38.50N, 0.02, 122.69W, 0.03, h7km, 3km, n33, c#104/52, 16C-20D, Northern California

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like NSHM, CVS, CVS, MCMC, MCMC, MCMC, MNRC, MNRC, QNRC, QNRC, HOPS, HOPS, FARB, FARB, BDM, SUTB, SUTB, QO4C, QO4C, WENL, JRSC, JRSC, GASB, OHCM, OHCM, KCPM, R04C, R04C, ORV, S04C, L05A, L05A, CMB, CMB, CMB, O05C, O05C, R05C, R05C, WDC, WDC, S05C, O04C, BEKR, BEKR, H05C, H05C, S06C, S06C, MTUM, MTUM.

BUI 17 02:20:47.5, 53.64N, 169.48W, h111km, mb5.0, mb4.9









Table with columns: Call Sign, Frequency, Power, Direction, and other parameters. Includes stations like KIEV, Kiev, Clausthal, CLZ, CLM, etc.

Table with columns: Call Sign, Frequency, Power, Direction, and other parameters. Includes stations like SGFM, Sait Gilles, SGFM, GRR, KOLL, etc.

Table with columns: Call Sign, Frequency, Power, Direction, and other parameters. Includes stations like CABF, La Chapelle, FVI, Forni Avoltri, etc.



KMI	S	S	03 13 59.3	-1.3	
KMI	SS	SS	03 17 08.6	-5.2	
KMI	SSS	SSS	03 17 57.6		
KMI	AMB	AMB			
comp=Z,5.0nm,1.2s,mb4.1					
KMI	AMB	AMB			
comp=Z,153nm,4.1s					
KMI	LR	LR			
comp=N,898nm,23.3s,MS4.8					
KMI	LR	LR			
comp=E,1µm,18.3s,MS4.8					
KMI	LR	LR			
comp=Z,1µm,16.3s,MS4.9					
DL2	P	P	03 07 43.3	+3.3	
DL2	PP	PP	03 09 20.4	+1.4	
DL2	S	S	03 14 12.4	+3.0	
DL2	AMB	AMB			
comp=Z,20nm,1.1s,mb4.8					
DL2	AMB	AMB			
comp=Z,150nm,4.4s					
DL2	LR	LR			
comp=N,600nm,19.4s,MS4.6					
DL2	LR	LR			
comp=E,430nm,19.0s,MS4.6					
DL2	LR	LR			
comp=Z,930nm,18.8s,MS4.7					
ERM	P	P	03 08 00.0	+1.1	
ERM	LR	LR			
comp=Z,1µm,20.0s,MS4.8					
XAN	P	P	03 07 49.8	-0.7	
XAN	pP	pP	03 07 56.5	-0.7	
XAN	AMB	AMB			
comp=Z,8.0nm,0.9s,mb4.5					
XAN	LR	LR			
comp=Z,1µm,19.6s,MS4.8					
CD2	P	P	03 07 59.0	+1.2	
CD2	AP	pP	03 08 03.4	-1.1	
CD2	XP	sp	03 08 06.3	-0.9	
CD2	PCP	PP	03 09 35.9	+1.5	
CD2	PP	PP	03 09 47.0	+1.2	
CD2	PcS	PcS	03 13 28.9	+0.1	
CD2	S	S	03 14 42.8	+1.2	
CD2	ScS	ScS	03 17 51.6	-1.1	
CD2	SS	SS	03 17 59.6	-7.2	
CD2	AMB	AMB			
comp=Z,50nm,1.1s,mb5.4					
CD2	AMB	AMB			
comp=Z,490nm,9.0s					
CD2	LR	LR			
comp=N,2µm,18.0s,MS5.1					
CD2	LR	LR			
comp=E,1µm,18.0s,MS5.1					
CD2	LR	LR			
comp=Z,2µm,19.2s,MS5.0					
TIY	P	P	03 08 03.4	+4.1	
TIY	S	S	03 14 41.8	-2.7	
TIY	AMB	AMB			
comp=Z,383nm,5.2s					
TIY	LR	LR			
comp=N,4µm,23.6s					
TIY	LR	LR			
comp=E,1µm,18.1s					
TIY	LR	LR			
BJT	LR	LR			
BJT	Baijiatuu	46.59 338	eP	P	03 08 01.8 -0.7
BJT	comp=Z,51nm,1.2s				
BJT	MLR	MLR			
BJT	Baijiatuu	46.59 338	eP	P	03 08 01.8 -0.7
BJT	comp=Z,51nm,1.2s,mb5.3				
BJT	LR	LR			
BJT	Baijiatuu	46.59 338	eP	P	03 08 01.8 -0.8
BJI	PP	PP	03 09 53.3	+0.9	
BJI	S	S	03 14 48.3	-2.2	
BJI	AMB	AMB			
comp=Z,8.0nm,1.5s,mb4.4					
BJI	AMB	AMB			
comp=Z,338nm,4.3s					
BJI	LR	LR			
comp=N,2µm,19.2s,MS5.2					
BJI	LR	LR			
comp=E,780nm,20.3s,MS5.2					
BJI	LR	LR			
comp=Z,2µm,19.2s,MS5.1					
ASAJ	P	P	03 08 04.6	-0.6	
ASAJ	Asahikawa	46.95 6	P	P	03 08 04.6 -0.6
ASAJ	comp=Z,4.0nm,0.5s,mb4.6,baz=214,slow=3.6,SNR=3.0				
ASAJ	LR	LR	03 25 36.9		
MDJ	comp=Z,2µm,21.6s,MS4.9,baz=147,slow=33				
MDJ	Mudanjiang	47.60 353	P	P	03 08 13.4 +3.1
MDJ	AP	pP	03 08 15.9	-1.2	
MDJ	XP	sp	03 08 17.8	-2.0	
MDJ	PP	PP	03 10 04.9	+2.8	
MDJ	S	S	03 15 06.3	+1.7	
MDJ	AMB	AMB			
comp=Z,10.0nm,0.7s,mb5.0					
MDJ	LR	LR			
comp=N,1µm,17.7s,MS5.0					
MDJ	LR	LR			
comp=E,627nm,18.5s,MS5.0					
MDJ	LR	LR			
comp=Z,2µm,17.7s,MS5.0					
MDJ	Mudanjiang	47.60 353	eP	P	03 08 10.7 +0.4
MDJ	comp=Z,42nm,1.2s,mb5.3				
MDJ	LR	LR			
comp=Z,2µm,20.0s,MS5.0					
LZH	P	P	03 08 26.0	+1.6	
LZH	Lanzhou	49.40 325	eP	P	03 08 26.0 +1.6
LZH	AP	pP	03 08 29.0	-2.2	
LZH	PP	PP	03 10 21.1	+2.4	
LZH	eS	S	03 15 31.1	+0.8	
LZH	SS	SS	03 18 59.0	-3.4	
LZH	AMB	AMB			
comp=Z,160nm,1.6s,mb5.8					
LZH	AMB	AMB			
comp=Z,640nm,4.3s					
LZH	LR	LR			
comp=E,3µm,14.9s					
LZH	LR	LR			
comp=Z,3µm,15.6s,MS5.4					
YSS	Yuzh-Sakhalins	49.78 5	eP	P	03 08 26.0 -1.0
YSS	eS	S	03 08 35.0		
YSS	eSS	ScS	03 15 34.0	-1.1	
YSS	MLR	MLR	03 18 14.0	-3.3	
comp=Z,900nm,18.0s,MS4.8					
YSS	Yuzh-Sakhalins	49.78 5	PFAKE	LR	03 08 40.0 +1.3
RAO	comp=Z,1µm,20.0s,MS5.0				
RAO	Raoul Island	50.39 126	PFAKE	LR	03 08 40.0 +8.0
RPZ	comp=Z,2µm,21.0s,MS5.2				
RPZ	Rata Peaks	50.83 148	P	P	03 08 36.1 +1.1
RPZ	comp=Z,29nm,0.9s,mb5.2,baz=322,slow=8.7,SNR=5.3				
RPZ	LR	LR	03 09 36.2	+1.1	
URZ	comp=Z,3µm,21.4s,MS5.3,baz=37,slow=35				
URZ	Urewera	51.00 139	P	P	03 08 37.1 +0.6
URZ	AP	pP	03 09 07.7		
URZ	Urewera	51.00 139	P	P	03 08 37.1 +0.6
URZ	comp=Z,12nm,0.6s,mb5.0,baz=322,slow=3.0,SNR=7.4				
URZ	LR	LR	03 29 07.7		
SNZO	comp=Z,4µm,21.0s,MS5.5,baz=317,slow=35				
SNZO	South Karori	51.29 144	PFAKE	LR	03 08 50.0 +1.1
SHL	comp=Z,2µm,19.0s,MS5.2				
SHL	Shilong	51.82 306	eP	P	03 08 43.0 +0.2
KLR	Kul'dur	51.96 356	eP	P	03 09 39.3 -4.1
KLR	eS	S	03 15 55.0	-1.0	
MIDW	Midway	53.70 52	PFAKE	LR	03 09 10.0 +1.3
HIA	comp=Z,3µm,20.0s,MS5.4				
HIA	Hailar	53.89 346	eP	P	03 08 56.6 -1.0
HIA	comp=Z,18nm,0.9s				
HIA	MLR	MLR			
comp=Z,1µm,19.0s					
HIA	Hailar	53.89 346	eP	P	03 08 56.6 -1.0
HIA	comp=Z,18nm,0.9s,mb5.0				
HIA	LR	LR			
comp=Z,1µm,19.0s,MS5.0					
GTA	Gaotai	54.00 325	eP	P	03 08 59.8 +1.1
GTA	AP	pP	03 09 04.8	-0.7	

GTA	XP	sP	03 09 08.5	+0.3	
GTA	PP	PP	03 11 02.3	+2.0	
GTA	S	S	03 16 35.0	+1.5	
GTA	SS	SS	03 20 16.4	+1.1	
GTA	AMB	AMB			
comp=Z,9.0nm,1.0s,mb4.7					
GTA	AMB	AMB			
comp=Z,300nm,4.6s					
GTA	LR	LR			
comp=N,700nm,18.0s					
GTA	LR	LR			
comp=E,597nm,23.3s					
GTA	LR	LR			
comp=Z,915nm,21.4s,MS4.8					
LSA	Lhasa	54.29 310	P	P	03 09 03.8 +2.9
LSA	AP	pP	03 09 12.6	+4.8	
LSA	S	S	03 16 35.4	-2.3	
LSA	XS	sS	03 16 55.3	+6.3	
LSA	LR	LR			
comp=N,830nm,47.5s					
LSA	LR	LR			
comp=E,1µm,35.9s					
LSA	LR	LR			
comp=Z,940nm,20.1s					
LSA	Lhasa	54.29 310	eP	P	03 09 02.6 +1.7
LSA	comp=Z,124nm,1.3s,mb5.7				
LSA	MLR	MLR			
comp=Z,967nm,19.0s,MS4.9					
LSA	Lhasa	54.29 310	eP	P	03 09 02.6 +1.6
LSA	comp=Z,124nm,1.3s,mb5.7				
LSA	LR	LR			
comp=Z,967nm,19.0s,MS4.9					
SKR	Severo-Kuril's	55.75 15	P	P	03 09 04.0 -7.1
SKR	e	e	03 10 03.0		
SKR	eS	S	03 11 16.0		
SKR	eSS	SS	03 16 48.0	-8.5	
SKR	pmax	pmax	03 17 08.0		
comp=Z,1µm,5.0s					
SKR	pmax	pmax			
comp=N,1µm,10.0s					
SKR	smax	smax			
comp=E,1µm,10.0s					
SKR	MLR	MLR			
comp=N,1µm,20.0s,MS5.1					
SKR	MLR	MLR			
comp=E,1µm,20.0s,MS5.1					
SKR	MLR	MLR			
comp=Z,1µm,20.0s,MS5.0					
BOK	Bokaro	56.12 301	eP	P	03 09 12.7 -1.6
ULN	Ulaanbaatar	56.73 336	PFAKE	LR	03 09 30.0 +1.2
ULN	comp=Z,2µm,21.0s,MS5.2				
PALK	Pallekele	56.88 280	PFAKE	LR	03 09 30.0 +1.0
PALK	comp=Z,935nm,19.0s,MS4.9				
SOMI	Songino Array	56.98 336	P	P	03 09 19.1 -0.8
SOMI	comp=Z,2µm,19.5s				
SOMI	Songino Array	56.98 336	P	P	03 09 19.1 -0.8
SOMI	comp=Z,1.8nm,0.6s,mb4.3,baz=160,slow=6.8,SNR=10				
SOMI	LR	LR	03 33 40.3		
comp=Z,2µm,19.5s,MS5.2,baz=152,slow=36					
JIRN	Jiri	57.32 305	eP	P	03 09 23.0 +0.3
GUN	Gumba	57.67 306	eP	P	03 09 26.2 +1.0
GUN	comp=Z,552nm,1.4s,mb6.4				
PKI	Pulchoki	57.92 305	eP	P	03 09 27.4 +0.4
PKI	comp=Z,297nm,1.4s,mb5.1				
KKN	Kakani	58.11 305	eP	P	03 09 28.9 +0.6
KKN	comp=Z,388nm,1.3s,mb6.3				
DMN	Daman	58.19 305	eP	P	03 09 29.7 +0.9
DMN	comp=Z,480nm,1.4s,mb5.3				
PET	Petropavlovsk	58.53 15	eP	P	03 09 28.8 -1.9
PET	eS	S	03 17 32.2	0.0	
PET	ePPS	PP	03 17 56.1		
PET	eSS	SS	03 21 26.9	+0.2	
PET	eSSS	SSS	03 23 46.7		
PET	pmax	pmax			
comp=Z,42nm,0.3s,mb6.0					
PET	pmax	pmax			
comp=Z,200nm,5.5s					
PET	Petropavlovsk	58.53 15	PFAKE	LR	03 09 40.0 +9.3
PET	comp=Z,775nm,20.0s,MS4.8				
GKN	Gorkha	58.72 305	eP	P	03 09 32.8 +0.2
GKN	comp=Z,547nm,1.4s,mb6.4				
BLS	Bilaspur	58.84 298	eP	P	03 09 32.7 -0.8
BLS	AMB	AMB	03 09 54.1		
comp=Z,74nm,1.1s,mb5.6					
KOLN	Koldanda	59.48 305	eP	P	03 09 38.3 +0.5
KOLN	comp=Z,640nm,1.5s,mb6.4				
DANN	Dangsig	59.57 305	eP	P	03 09 39.2 +0.8
DANN	comp=Z,826nm,1.7s				
NRGR	Nerungr	60.03 352	eP	P	03 09 52.3 +4.3
NRGR	S	S	03 18 19.0		
NRGR	S	S	03 17 52.1	-0.3	
comp=N,39nm,0.6s					
CLNS	Chul'man	60.18 352	eP	P	03 09 39.6 -2.5
CLNS	eP	pP	03 09 46.9	-2.1	
CLNS	eP	P	03 10 25.5		
CLNS	eS	S	03 17 48.9	-5.5	
CLNS	eSS	SS	03 18 19.0		
CLNS	pmax	pmax			



Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SSPA Standing Stone, LBNH Lisbon, GOGA Godfrey, etc.

ISCJB 17 03:03:07.0-0.9, 3047N, 010-1387E, 02, h454km, 17km, Error ellipse: s-maj=31.1km s-min=10.7km az=159.2

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

IDC 17 03:15:30.0-2.3, 2050S, 17476W, h116km, 9km, mb3.7/4, mb1 4.0/4, mb1mx3.6/14, mbtmp3.7/4, Error ellipse: s-maj=133.2km s-min=26.1km az=151.0, Tonga Islands

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

NEIC 17 03:18:43.4, 3978S, 17725E, h42km, ML3.9(WEL), After WEL 17 03:18:44.7-0.5, 3981S, 17709E, h42km, 2km, ML3.7/9, Error ellipse: s-maj=4.6km s-min=2.6km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PXZ Pawanui, BKZ Black Stump Fm, etc.

Table with columns: KNZ Kokoho, MOVZ Moawhango, HAOZ Hinemaiala, etc. Lists various stations and their coordinates.

NEIC 17 03:19:24.4-2.0, 2788S, 17668W, h47km, 18km, mb4.6/17, Error ellipse: s-maj=15.8km s-min=10.3km az=182.0

GCMT 17 03:19:24.5-0.4, 2804S, 17625W, h21km, 1km, MW5.0/52, Moment Tensor Solution, s24, c31; s52, c72; Duration: 0

ISCJB 17 03:19:25.4-2.1, 2805S, 17678W, 0.10, h68km, 18km, mb4.4/26, Error ellipse: s-maj=18.3km s-min=14.1km az=8.4

IDC 17 03:19:25.7-3.6, 2796S, 17673W, h56km, 31km, mb4.1/12, mb1 4.3/12, mb1mx4.2/15, mbtmp4.1/12, MS4.3/5, MS1 4.3/5, ms1mx4.1/14, Error ellipse: s-maj=24.6km s-min=19.9km az=21.0

ISC 17 03:19:25.3-2.3, 2805S, 17671W, 0.10, h53km, 20km, h37km, 7km, pP, n65, 090/46, mb4.5/26, MS4.3/5, 1C-1D, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, RAOU Raoul Island, etc.

Table with columns: KSM Kuching, MJAR Matsushiro Arr, MJAR Matsushiro Arr, etc. Lists various stations and their coordinates.

ISCJB 17 03:25:44.3-0.3, 2042N, 004-10091E, 002, h10km, mb3.6/8, Error ellipse: s-maj=5.8km s-min=2.6km az=167.7

IDC 17 03:25:45.5-1.4, 2034N, 10047E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.5/21, mbtmp3.6/5, Error ellipse: s-maj=89.4km s-min=20.1km az=61.0

PLV 17 03:25:47.0-1.2, 2066N, 10002E, h10km, 6km, MD3.7, NEIC 17 03:25:47.5-0.6, 2047N, 10002E, h10km, mb4.0/3, Error ellipse: s-maj=15.5km s-min=9.3km az=93.0

BUJ 17 03:25:47.4, 2050N, 10070E, h10km, mb4.3, mb4.1, ML4.2, Ms4.1, Ms24.0

ISC 17 03:25:45.8-0.6, 2048N, 004-10081E, 003, h2km, 5km, n30, 01965/50, mb3.6/8, 1C, Laos

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NANT Nan, DBV Dienbien, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Makanchi Array, Tokmak 2, UCH, KURK, BVAR, WRA, ASAR.

ISCJB 17 03:34:54.9-0.2, 4831N-001.660E-001, h8km±1km, Error ellipse: s-maj=1.8km s-min=1.4km az=163.5
NEIC 17 03:34:56.9, 4836N-665E, h10km, ML3.2(LDG), ML3.1(STR), ML2.9(SZGRF), After STR.
STR 17 03:34:56.9-0.1, 4836N-665E, h10km, ML3.1, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

Main table listing station data with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time Res, and other parameters. Includes stations like HAU, ECH, THEF, CDF, HIN, MOLF, STR, RFFY, STAU, FBB, KIZ, ENDD, LOMF, BOURN, FELD, LANS, BBS, WYH, MEZF, BALST, BRANT, WLF.

Main table listing station data with columns: Station Name, Azimuth, Elevation, SNR, Phase ID, Time Res, and other parameters. Includes stations like Walferdange, Kalmitt, Lerchenberg, Flaach, Messtetten, TUEBL, ALTEBURG, GUTENSTEIN, LA CHAPELLE, HASL, TROMM, BURGEITZ, LORMES, GIVET, DOUBRES, SINDELDORF, CLAVIER, STEINBACH, MEMBACH, BAIVES.

Main table listing station data with columns: Station Name, Azimuth, Elevation, SNR, Phase ID, Time Res, and other parameters. Includes stations like DREG, HDH, DAVA, DAMUELS, SAINT SAULGE, HEIMANSGROEVE, SIGNAL DE MONT, SMF, AVF, AVAIL SUR LOIR, HOBG, LPL, LRG, BGF, PLDF, MOTA, AGO, SANKT QUIRIN, GRF, ORIF, WTTA, PYM, MBDF, TCF, VIVIF.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pioggia, Inuvik, Tiksi, Alice Springs, Warramunga Arr, Zalesovo Beam, etc.

ICD 17 04:28:41.4, 2.0, 2690N, 348E, h0km, mb3.4/4, mb1 3.5/7, mb1mx3.4/23, mbtmp3.4/7, ML3.2/3, Error ellipse: s-maj=42.5km s-min=19.7km az=124.0, ISCJB 17 04:28:43.0, 1.2, 2691N, 0.06, 3522E, 009, h10km, mb3.3/4, Error ellipse: s-maj=13.4km s-min=5.3km az=144.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WJHS, JLOS, EIL, Retamim, etc.

NEIC 17 04:46:51.3, 2.1, 3500S, 17914E, h280km, 21km, mb4.2/1, Error ellipse: s-maj=57.0km s-min=20.0km az=102.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MXZ, PUZ, MWZ, URZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TSZ, TIWZ, KIWI, MTW, CAW, CAW, PAWZ, PAWZ, MSWZ, MRW, MRW, SNZ, PLWZ, TCW, TCW, TUWZ, NNZ, CAW, GRZ, BSWZ, BSWZ, THWZ, THWZ, DSZ, DSZ, LTZ, LTZ, MOZ, MOZ, FOZ, FOZ, ODZ, ODZ, JCDZ, JCDZ, ICJZ, ICJZ, COEN, COEN, WB2, WB2

ICD 17 04:55:40.1, 2.0, 800S, 12477E, h0km, mb4.2/6, mb1 4.4/7, mb1mx4.1/17, mbtmp4.1/7, ML4.8/1, Error ellipse: s-maj=38.1km s-min=16.4km az=70.0, ISCJB 17 04:55:43.6, 0.5, 007S, 006, 12487E, 008, h33km, mb4.4/14, Error ellipse: s-maj=11.7km s-min=8.0km az=162.3

NEIC 17 04:55:45.6, 4.6, 021S, 12469E, h34km, 33km, mb4.5/8, Error ellipse: s-maj=20.4km s-min=9.7km az=47.0, ISC 17 04:55:46.0, 0.5, 022S, 008, 1247E, 01, h35km, n29, 0, 67E/27, mb4.4/14, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAPI, KAPI, KAPI, KAKA, WRA, COEN, ASAR, ASAR, STKA, STKA, GUN, GUN, KKN, KKN, KOLN, KOLN, DANN, DANN, ULN, ULN, SONM, SONM, MKAR, MKAR, TKM2, TKM2, UCH, UCH, AML, AML, ZALV, ZALV, KURK, KURK, BRVK, BRVK, BW06, BW06, RSSD, RSSD, TORO, TORO

ICD 17 04:59:40.6, 0.9, 090N, 12637E, h0km, mb4.1/7, mb1 4.2/8, mb1mx4.0/17, mbtmp4.1/8, ML3.4/1, Error ellipse: s-maj=40.1km s-min=17.4km az=64.0, ISCJB 17 04:59:43.0, 0.6, 087N, 009, 1262E, 01, h33km, mb4.2/11, Error ellipse: s-maj=20.8km s-min=10.2km az=156.8

NEIC 17 04:59:45.3, 6.6, 088N, 12630E, h33km, 47km, mb4.5/5, Error ellipse: s-maj=25.6km s-min=8.9km az=51.0, ISC 17 04:59:45.8, 0.6, 087N, 009, 1263E, 01, h35km, n18, 0, 62E/17, mb4.2/11, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAPI, WRAB, WRA, WB2, WB2, ASAR, ASAR, PSI, PSI, STKA, SONM, MK31, MKAR, KURK, BRVK, ARU, Vnda, Vnda, TORO, TORO

NEIC 17 05:04:06.5, 1820N, 10321W, h13km, MD4.0(MEX), After MEX, MEX 17 05:04:06.3, 0.9, 1818N, 10320W, h10km, 10km, MD3.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Aquila, Zihuatanejo, Chamela, Santa Fe, Santa Fe, Morelia, El Cayaco, Ahuacatlan, Mezcuala, Platanillo, Platanillo, Llaneros, Llaneros

ICD 17 05:35:04.9, 3.0, 6088S, 14930E, h0km, mb3.9/3, mb1 4.0/4, mb1mx3.9/13, mbtmp3.8/4, ML3.6/1, MS3.8/3, MS1 3.7/3, ms1mx3.4/23, Error ellipse: s-maj=317.8km s-min=34.9km az=77.0, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Vnda, Vnda, GNSA, GNSA, STKA, STKA, ASAR, ASAR, WRA, WRA, BOSA, BOSA

CSEM 17 05:48:12.1, 2.0, 1, 3859N, 1468E, h30km, ML4.5/7, Error ellipse: s-maj=1.7km s-min=1.4km az=119.0, NEIC 17 05:48:13.0, 3857N, 1469E, h19km, ML3.6(ROM), After ROM

ROM 17 05:48:13.0, 0.1, 3857N, 1469E, h19km, 1km, ML3.6/32, 1C-ID, Error ellipse: s-maj=2.0km s-min=1.6km az=81.0, Sicily

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IFIL, IFIL, SLNA, SLNA, LLI, LLI, VPL, VPL, MSRU, MSRU, MSI, MSI, MMM, MMM, GIB, GIB, GIB, GIB, CSLB, CSLB, GALT, GALT, SCLL, SCLL, ESLN, ESLN, JOPP, JOPP, MTTG, MTTG, SOI, SOI, SOI, SOI, USI, USI, MPAZ, MPAZ, MCT, MCT, MCT, MCT, CARO, CARO, CARO, CARO, GRI, GRI, PLAC, PLAC, AGST, AGST, HVZN, HVZN, SSS, SSS, HMDC, HMDC, SERS, SERS, HAVL, HAVL, TDS, TDS, MGR, MGR, TIP, TIP, CMRP, CMRP, SIRI, SIRI, MTSN, MTSN, SCHR, SCHR, MCEL, MCEL, CDRU, CDRU, ORI, ORI, SGO, SGO, PTPR, PTPR, CRAC, CRAC, MIGL, MIGL, MRVN, MRVN, AMUR, AMUR

SOF 17 05:50:12.0, 4204N, 2349E, h20km, MD2.6, ISCJB 17 05:50:12.6, 0.5, 4202N, 002, 2341E, 004, h0km, 6km, Error ellipse: s-maj=4.5km s-min=4.1km az=26.8, CSEM 17 05:50:12.8, 0.1, 4205N, 2340E, h2km, MD2.6, Error

ellipse: s-maj=1.8km s-min=1.5km az=116.0  
 SKO 17 05:50:13.9, 42.01N, 23.43E, h0km  
 BEO 17 05:50:14.9, 0.7, 42.04N, 23.30E, h4km, 5km, ML2, 4/5  
 ATH 17 05:50:14.4, 41.92N, 23.45E, h15km, 3km, MD3, 3/3  
 THE 17 05:50:14.2, 41.98N, 23.40E, h1km, ML2, 9  
 ISC 17 05:50:13.0, 0.5, 42.02N, 0.02, 23.43E, h1km, 7km, n25,  
 c=105/43, Bulgaria

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
KKB	Krupnik	0.30	240	Op	P	ISC	05 50 19.5	+0.6
MMB	Musomiste	0.48	152	Pg	P		05 50 23.7	+1.2
VTS	Vitosha	0.60	344	eP	P		05 50 24.9	+0.2
VTS	Vitosha	0.60	344	eSg	P		05 50 35.5	+3.0
VTS	Vitosha	0.60	344	eP	P		05 50 24.8	+0.1
VTS	Vitosha	0.60	344	eSg	P		05 50 33.2	+0.7
VTS	Vitosha	0.60	344	eP	P		05 50 24.8	+0.1
NVR	Neurokopi	0.74	154	ePn	P		05 50 35.5	+3.0
NVR	Neurokopi	0.74	154	eS	P		05 50 27.1	-3.7
NVR	Neurokopi	0.74	154	eS	P		05 50 35.9	-1.1
PGB	Panagyurishte	0.77	146	Pg	P		05 50 27.2	-0.7
SRS	Serrai	0.91	172	eP	P		05 50 30.9	+0.2
SRS	Serrai	0.91	172	eSg	P		05 50 42.8	+0.4
KNT	Kendrikon	0.94	205	eP	P		05 50 31.4	+0.1
KNT	Kendrikon	0.94	205	eSg	P		05 50 43.5	+0.1
VAY	Valandovo	0.95	223	eP	P		05 50 31.3	-0.1
VAY	Valandovo	0.95	223	eSg	P		05 50 44.1	+0.5
VAY	Valandovo	0.95	223	eP	P		05 50 31.0	+0.4
VAY	Valandovo	0.95	223	eSg	P		05 50 43.9	+0.3
VAY	Valandovo	0.95	223	eP	P		05 50 31.3	-0.1
PLD	Plovdiv	0.95	84	eP	P		05 50 32.9	+1.3
PLD	Plovdiv	0.95	84	eSg	P		05 50 46.7	+0.8
STIP	Stip	0.98	251	eP	P		05 50 32.6	+0.5
STIP	Stip	0.98	251	eSg	P		05 50 46.0	+1.3
STIP	Stip	0.98	251	eP	P		05 50 31.3	-0.8
STIP	Stip	0.98	251	eSg	P		05 50 42.9	-1.9
STIP	Stip	0.98	251	eP	P		05 50 31.2	-0.8
STIP	Stip	0.98	251	eSg	P		05 50 46.0	+1.2
RZN	Rozhen	1.02	108	eP	P		05 50 31.7	-1.0
SOH	Sokhos	1.20	183	eP	P		05 50 35.8	-0.3
SOH	Sokhos	1.20	183	eSg	P		05 50 48.1	+0.1
BARS	Barje	1.44	304	eP	P		05 50 40.1	-0.1
BARS	Barje	1.44	304	eSg	P		05 50 58.8	-0.6
KDZ	Kurdzhali	1.53	103	eP	P		05 50 40.1	-2.5
PLG	Polygoryishte	1.64	180	ePn	P		05 50 43.3	-2.5
OUR	Ouranopolis	1.73	166	eP	P		05 50 48.1	+0.1
RDO	Rodhopi	1.81	118	ePn	P		05 50 46.1	+0.7
RDO	Rodhopi	1.81	118	eS	P		05 51 09.7	+0.8
SZH	Strazhica	2.23	55	eP	P		05 50 54.9	-1.1

ISC 17 05:52:12.6, 1.2, 34.14N, 81.69E, h0km, mb3.4/5, mb1 3.6/6,  
 mb1 mx3.4/22, mbtmp3.5/6, ML3.3/1, MS3.3/1, M1 3.3/1,  
 ms1 mx2.8/26, Error ellipse: s-maj=35.4km s-min=28.9km  
 az=67.0

NEIC 17 05:52:15.0, 0.8, 34.22N, 81.83E, h10km, mb3.7/3, Error  
 ellipse: s-maj=15.8km s-min=12.5km az=63.0  
 ISCJB 17 05:52:18.2, 1.8, 34.27N, 0.07, 81.8E, 0.1, h53km, 20km,  
 mb3.4/5, Error ellipse: s-maj=19.3km s-min=12.2km  
 az=53.7

ISC 17 05:52:20.1, 1.3, 34.26N, 0.07, 81.8E, 0.1, h52km, 16km, n14,  
 c=108/14, mb3.4/5, Kizang

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
DDI	Dehra Dun	5.06	220	ex	Pn		05 53 33.0	-0.4
UCH	Uchtr	8.92	326	eP	Pn		05 54 40.1	+1.6
TKM2	Tkumak 2	9.93	332	ePn	Pn		05 54 42.3	+2.3
KBL	Kabul	10.57	275	ePn	Pn		05 54 48.4	-0.4
MK31	Makanchi Array	12.53	1	ePn	Pn		05 55 14.2	-1.3
MKAR	Makanchi Array	12.53	1	eP	Pn		05 55 14.5	-0.9
KURK	Kurchatov	16.61	353	eP	Pn		05 56 09.6	+0.4
BVAR	Borovoye Array	20.46	340	eP	P		05 56 52.5	-0.5
BRVK	Borovoye	20.52	340	eP	P		05 56 52.7	-1.0
CHTO	Chiang Mai	21.65	131	eP	P		05 57 06.7	+0.5
SONM	Songino Array	22.84	46	P	P		05 57 17.9	-0.6
WRA	Warramunga Arr	23.58	129	P	P		06 03 47.6	+0.4
TORD	Torodi Ar. Bea	74.64	276	P	P		06 03 53.0	-1.2
YKA	Yellowknife Ar	82.68	8	P	P		06 04 39.4	+1.8

ISC 17 05:50:42.1, 4.755S, 9837E, h0km, mb3.9/6, mb1 4.0/6,  
 mb1 mx3.8/14, mbtmp3.8/6, Error ellipse: s-maj=45.5km  
 s-min=23.0km az=106.0, Southeast Indian Ridge

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
ASAR	Alice Springs	36.96	62	P	P		06 22 15.2	+0.1
VNDA	Vanda	38.40	102	P	P		06 22 26.2	-0.5
WRA	Warramunga Arr	40.48	59	P	P		06 22 41.9	+0.6
QSPA	South Pole Qui	42.60	180	P	P		06 23 02.4	+1.0
RAR	Rarotonga	82.26	11	P	P		06 27 26.9	-0.6
MKAR	Makanchi Array	95.00	349	P	P		06 28 28.9	+0.9
SONM	Songino Array	95.25	5	P	P		06 28 27.5	-1.6

ISCJB 17 06:20:51.1, 0.4, 61.10N, 0.04, 151.11W, 0.08, h73km, 5km,  
 mb3.5/4, Error ellipse: s-maj=6.8km s-min=6.1km az=20.8  
 ISC 17 06:20:53.5, 2.2, 60.98N, 151.17W, h75km, 3km, mb3.3/4,  
 mb1 3.7/7, mb1 mx3.4/22, mbtmp3.4/7, Error ellipse:  
 s-maj=21.3km s-min=16.4km az=131.0

NEIC 17 06:20:53.3, 0.3, 61.10N, 0.04, 151.03W, h60km, ML3.8(PMR),  
 ML3.4(AEIC), After AEIC

NEIC FELT [III] at Anchorage. Also felt at Eagle River and  
 Elmendorf AFB.

ISC 17 06:20:52.4, 0.4, 61.08N, 0.04, 151.10W, 0.08, h65km, 6km,  
 n35, c=066/38, mb3.5/4, Southern Alaska

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
FIB	Fire Island	0.46	79	Op	P	ISC	06 21 05.3	-1.1
FIB	Fire Island	0.46	79	S	Pn		06 21 13.9	+0.9
RC01	Rabbit Creek A	0.66	89	P	S		06 21 06.5	0.0
RC01	Rabbit Creek A	0.66	89	S	S		06 21 17.0	+0.2
SLKM	Skalak Lake	0.72	143	P	P		06 21 07.4	+0.3
PLMR	Palmer	1.08	61	P	P		06 21 11.4	-0.2
GHO	Glory Hole Cre	1.25	55	P	P		06 21 14.0	-0.8
SEW	Seward	1.27	139	P	P		06 21 13.8	-0.4
SML	Sawmill	1.52	60	P	P		06 21 17.2	-0.1
AVL	Augustine Lava	2.06	215	P	P		06 21 25.6	+0.9
SVW2	Sparrevohn	2.18	272	P	P		06 21 26.0	-0.2
KTH	Kantishna Hill	2.48	2	P	P		06 21 31.2	+0.8
DIV	Divide	2.48	2	P	P		06 21 31.0	+0.8
TT01	Tatalina	2.96	310	P	P		06 21 36.5	-0.3
TTA	Tatalina	2.97	311	P	P		06 21 36.9	-0.1
BMRM	Bremner River	3.17	89	P	P		06 21 38.3	-1.4
RAGM	Ragged Mountain	3.23	100	P	P		06 21 38.9	-1.7
PAX	Paxson	3.26	52	P	P		06 21 41.2	+0.2
KDAK	Kodiak Island	3.39	194	P	P		06 21 42.2	-0.6
KDAK	Kodiak Island	3.39	194	P	P		06 21 42.8	0.0
KDAK	Kodiak Island	3.39	194	P	P		06 22 21.1	-0.7
COLA	College	4.09	20	P	P		06 21 52.0	-0.3
DOT	Dot Lake	4.17	49	P	P		06 21 53.5	+0.1
IL1	Eielson Array	4.18	26	P	P		06 21 53.0	0.0
BCA3	Beaver Creek A	4.81	61	P	P		06 22 02.1	0.0
IM2	Indian Mountain	5.06	348	P	P		06 22 05.5	0.0
IM2	Indian Mountain	5.14	348	P	P		06 22 06.5	-0.1

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
EGAK	Eagle	5.86	46	P	Pn		06 22 15.8	-0.7
DAWY	Dawson	6.18	56	ePn	Pn		06 22 20.1	-0.8
COLD	Coldfoot	6.19	3	Pn	Pn		06 22 20.8	-0.1
BM3	Burnt Mountain	6.96	21	P	Pn		06 22 30.5	-1.0
INK	Inuvik	4.71	38	eP	Pn		06 23 19.3	+0.7
DLBC	Dease Lake	10.94	95	P	Pn		06 23 27.1	+1.2
YKA	Yellowknife Ar	17.17	69	P	Pn		06 24 48.5	+1.0
NEW	Newport	23.14	108	P	P		06 25 53.2	+0.3
NVAR	Mina Array Bea	30.48	123	P	P		06 26 59.5	+0.8
TXAR	Lajitas Array	44.52	113	P	P		06 28 57.3	+0.1
SONM	Songino Array	59.11	306	P	P		06 30 16.3	+0.5

ISCJB 17 06:31:10.7, 1.0, 37.89N, 0.03, 34.50E, 0.10, h9km, 6km,  
 Error ellipse: s-maj=13.1km s-min=5.2km az=167.8  
 CSEM 17 06:31:10.1, 0.1, 37.91N, 0.3450E, h12km, MD2.9, Error  
 ellipse: s-maj=3.1km s-min=1.2km az=88.0

ISC 17 06:31:10.2, 37.91N, 34.48E, h12km, MD2.9  
 DDA 17 06:31:16.3, 38.39N, 35.25E, h7km, 5km, MD2.9  
 ISC 17 06:31:11.3, 1.0, 37.91N, 0.03, 34.6E, 0.1, h7km, 5km, n12,  
 c=092/18, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
NIG	Nigde	0.21	13	Op	P	ISC	06 31 15.5	0.0
KAR	Karaisali	0.76	148	eP	P		06 31 25.9	0.0
KARA	Avonos	0.90	15	eP	P		06 31 26.9	+1.5
AVNT	Avonos	0.90	15	eS	P		06 31 26.9	-1.7
AVNT	Avonos	0.90	15	eP	P		06 31 39.9	-0.5
AVNT	Avonos	0.90	15	eS	P		06 31 39.8	-0.6
MERS	Mersin	1.04	181	eP	P		06 31 30.6	-0.6
KOZT	Kozan	1.10	112	ePn	Pn		06 31 33.2	+0.2
CEYH	Ceyhan	1.31	133	ePn	Pn		06 31 35.2	-0.7
BENT	Bunyan	1.39	47	ePn	Pn		06 31 36.0	-1.0
AND	Andirindir	1.46						

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MENT, IM3, IL1, BCAA, PNL, DLBC, YKA, NVAR, SCHQ, TXAR, SONM.

NNC 17 07:29:56.8-3.1, 4975N-8792E, h86km, 7km, mb3.6, mpv3.2, 4C-4D, Error ellipse: s-maj=25.0km s-min=10.1km az=49.0, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MK31, MK31, MK31, KURK, KURK, KURBB, KURBB, KURBB.

SSNC 17 07:45:48.7, 1831N-7959W, h0km, MD3.9, ML2.5 JSN 17 07:45:44.9-1.0, 1827N-7952W, h0km, 559km, MD3.8, 2D, North of Honduras

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MCJ, MCJ, CVJ, BBJ, BBJ, STH, LMGC, LMGC, LMGC.

KRSC 17 07:55:11.6-1.3, 5087N-15687E, h109km, 70km, ML3.7, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ALID, MIPR, CRJ, RUS, RUS, PET, PET, GNL, SPN, SPN, MKZ, KBTR.

NEIC 17 07:56:45.0, 1055N-8498W, h1km, MD4.0(CASC), 2C-2D, After CASC, Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JTS, JTS, JCR, JCR, CGA2, CGA2, VCR, PRS1, PRS1, LAJ, LAJ, LCR2, URSC, GIS, TGUH, TGUH.

NEIC 17 08:09:20.0, 3832N-2116E, h10km, ML3.5(ATH), After ATH, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIR, PRK, LAST, NPS, ARS.

WEL 17 08:37:08.1-0.3, 3815S-17621E, h144km, 4km, ML3.5/12, Error ellipse: s-maj=3.1km s-min=2.3km az=0.0, North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BKZ, BKZ, MWZ, MOVZ, PKVZ, KUZ, VNZ, PUZ, MXZ, PSZ, PAWZ, MRW, MSWZ, TCW, PLWZ, TUWZ, KHZ, LTZ.

IDC 17 08:42:13.9-1.1, 2241S-17145E, h0km, mb4.1/6, mb1 4.3/6, mb1mx4.0/14, mbtmp4.1/6, MS3.9/1, M51 3.9/1, ms1mx3.0/23, Error ellipse: s-maj=49.8km s-min=26.5km az=167.0

NEIC 17 08:42:19.6-0.7, 2231S-17136E, h35km, mb4.8/1, Error ellipse: s-maj=28.0km s-min=18.3km az=171.0, ISCSB 17 08:42:25.0-3.6, 2245S-02:171.1E-02, h92km, 29km, mb4.0/7, Error ellipse: s-maj=39.0km s-min=27.7km az=8.8

ISC 17 08:42:25.0-3.3, 2245S-02:171.2E-02, h97km, 27km, n17, o1509/13, mb4.0/7, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM, DZM, CTA, CTA, ACTA, ACTA, WRA, WRA, PPT, PPT, FITZ, FITZ, QSPA, QSPA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAW, MAW, SNA, SNA, VNA, VNA, BRG, BRG, CLL, CLL, GERES, GERES, TORD, TORD.

IDC 17 08:46:39.4-5.7, 717S-12962E, h180km, 55km, mb3.3/1, mb1 3.2/5, mb1mx3.1/15, mbtmp3.1/5, Error ellipse: s-maj=67.2km s-min=22.9km az=60.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BATI, BATI, FITZ, FITZ, WRA, WRA, ASAR, ASAR, MKAR, MKAR.

ISCJB 17 09:09:30.9-0.4, 3815N-002-2322E-004, h24km, 5km, Error ellipse: s-maj=5.7km s-min=3.8km az=157.7, CSEM 17 09:09:30.7-0.1, 3816N-2316E, h12km, ML3.2, Error ellipse: s-maj=1.6km s-min=1.2km az=79.0

ATH 17 09:09:30.4, 3817N-2318E, h22km, 2km, MD3.0/9, ML2.8 NEIC 17 09:09:30.4, 3817N-2318E, h22km, ML2.8(ATH), After ATH

THE 17 09:09:30.7, 3815N-2314E, h13km, ML3.2 ISC 17 09:09:30.7-0.4, 3817N-002-2316E-003, h11km, 9km, n17, o051/31, 1C, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LTK, LTK, ATH, ATH, NAIG, NAIG, LKR, LKR, PTL, PTL, KVR, KVR, DID, DID, VLX, VLX, VLG, VLG, AAG, AAG, NEG, NEG, AOS, AOS, XOR, XOR, EVR, EVR, VLI, VLI.

JMA 17 09:13:25.9-0.2, 2797N-13017E, h43km, 3km, M3.5 ISCSB 17 09:13:26.9-0.6, 2798N-003-13009E-006, h43km, mb3.3/2, Error ellipse: s-maj=7.3km s-min=4.6km az=16.3

ISC 17 09:13:27.5-0.9, 2797N-004-13008E-006, h30km, 6km, n13, o085/18, mb3.3/2, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JZK, JZK, JAM, JAM, JTK, JTK, JNN, JNN, JOW, JOW, JIH, JIH, JMC, JMC, JKC, JKC, JAGN, JAGN, WRA, WRA, ASAR, ASAR.

NIED 17 09:13:00.2800N-13020E, h29km, Mw3.9 Best double couple: M6.31000-1014 NP1.9x17.00000-06, h43km, lambda=115.00000, NP2.9x243.00000, delta37.00000, lambda=51.00000

IDC 17 09:13:33.5-2.6, 2684N-13007E, h0km, mb3.5/5, mb1 3.7/5, mb1mx3.6/17, mbtmp3.5/5, MS2.9/1, M51 2.9/1, ms1mx2.5/26, Error ellipse: s-maj=213.1km s-min=23.1km az=72.0

JMA 17 09:13:43.6-0.2, 2794N-13014E, h41km, 3km, M3.6 JMA Feil 1/JT ISCSB 17 09:13:44.1-0.8, 2794N-005-13010E-007, h41km, 9km, mb3.5/3, Error ellipse: s-maj=10.7km s-min=7.5km az=8.6

ISC 17 09:13:44.5-1.1, 2793N-005-13009E-007, h29km, 7km, n11, o068/14, mb3.5/3, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JZK, JZK, JAM, JAM, JTK, JTK, JNN, JNN, JKC, JKC, JMA, JMA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JTN, JTN, JNU, JNU, SONM, SONM, FINES, FINES, NOA, NOA.

OTT 17 09:13:59.8-0.9, 7755N-10582W, h18km, MN4.3/7, 148km south from Isachsen, Nu Gustaf-Lougheed Arch Seismic Zone, Queen Elizabeth Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RES, RES, RES, RES, GIFF, GIFF, GIFF, GIFF, ILON, ILON, ILON, ILON, SARC, SARC.

SRLN 17 09:13:59.8-0.9, 7755N-10582W, h18km, MN4.3/7, 148km south from Isachsen, Nu Gustaf-Lougheed Arch Seismic Zone, Queen Elizabeth Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JERN, JERN, INK, INK, QILN, QILN, COWN, COWN, GLWN, GLWN, MCKN, MCKN, MCKN, MCKN.

BOXX 17 09:13:59.8-0.9, 7755N-10582W, h18km, MN4.3/7, 148km south from Isachsen, Nu Gustaf-Lougheed Arch Seismic Zone, Queen Elizabeth Islands

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

SEDN 17 09:13:59.8-0.9, 7755N-10582W, h18km, MN4.3/7, 148km south from Isachsen, Nu Gustaf-Lougheed Arch Seismic Zone, Queen Elizabeth Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YKW3, YKW3, YKW3, YKW3, YKW3, YKW3, YKW3, YKW3.

TEH 17 09:15:35.9, 3186N-5093E, h25km, ML4.1 IDC 17 09:16:25.9-0.9, 3179N-5073E, h0km, mb4.2/15, mb1 4.3/19, mb1mx4.2/28, mbtmp4.2/19, ML4.0/4, MS3.3/3, Ms1 3.3/3, ms1mx2.9/33, Error ellipse: s-maj=22.5km s-min=14.2km az=158.0

THR 17 09:16:25.7-1.9, 3169N-5097E, h14km, 12km, ML4.0 CSEM 17 09:16:29.4-0.1, 3180N-5087E, h35km, mb4.2/10, ML4.6/2, Error ellipse: s-maj=1.9km s-min=1.5km az=148.0

ISCJB 17 09:16:30.4-0.3, 3181N-002-5085E-003, h45km, 4km, mb4.1/25, MS3.7/3, Error ellipse: s-maj=4.7km s-min=3.2km az=139.2

MOS 17 09:16:30.3-1.5, 3189N-5067E, h33km, mb4.3/13, Error ellipse: s-maj=12.7km s-min=7.8km az=105.9

NEIC 17 09:16:31.0, 3186N-5093E, h25km, mb4.2/7, ML4.0(THR), MN4.1(TEH), After TEH

ISC 17 09:16:31.5-1.2, 3183N-003-5084E-003, h33km, 10km, n151, o192/173, mb4.1/25, MS3.7/3, 8C-1D, Northern and central Iran

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

ICLH 17 09:16:31.5-1.2, 3183N-003-5084E-003, h33km, 10km, n151, o192/173, mb4.1/25, MS3.7/3, 8C-1D, Northern and central Iran

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

ISAD 17 09:16:31.5-1.2, 3183N-003-5084E-003, h33km, 10km, n151, o192/173, mb4.1/25, MS3.7/3, 8C-1D, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NASN, NASN, NASN, NASN, ISAD, ISAD, SHI, SHI, GHVR, GHVR, GHVR, GHVR, GHVR, GHVR.









Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like KNZ Kokohu, MKAZ Mounakai, TOZ Tahuroa Road, etc.

ISCJB 17 12:01:33.3: 1.5, 392N:0.1:3542E:0.09,h3km,13km, Error ellipse: s-maj=16.9km s-min=11.8km az=2.0

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

ISCJB 17 12:10:49.6: 0.9, 353S:0.005:719W:0.1,h71km,7km, mb3.9/9, Error ellipse: s-maj=17.1km s-min=8.0km

GUC 17 12:10:50.8: 0.6, 3530S:7190W, h62km, 9km, MD3.9, ML4.1

IDC 17 12:10:50.0: 0.8, 3542S:7187W, h65km, 9km, mb3.9/9, mb1 3.9/12, mb1mx3.8/18, mbtmp3.7/12, Error ellipse: s-maj=20.4km s-min=12.9km az=100.0

NEIC 17 12:10:50.8, 3530S:7190W, h62km, MD3.9(GUC), After GUC.

NEIC (III) at Curico and Talca; (II) at Cauquenes, Fentillungu, Iloca, Linares and Rancagua.

ISC 17 12:10:50.6: 0.9, 3537S:005:719W:0.1, h64km, 9km, mb7km, 2.5km:pp-P, n3, n22, c:69/33, mb4.0/9, 7C-4D, Central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like NICH Los Niches, SFDO San Fernando, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like SIV San Ignacio, SIV Atahualpa, ATAH Atahualpa, etc.

Bull 17 12:12:50.2, 1786S:17821W, h543km, mb4.6, mb4.4, ISCJB 17 12:12:51.5: 1.1, 1791S:007:17863W, 005, h549km, 14km, mb4.4/61, Error ellipse: s-maj=11.9km s-min=5.6km az=148.0

NEIC 17 12:12:52.6: 0.8, 1789S:17854W, h553km, 9km, mb4.3/4/6, Error ellipse: s-maj=9.5km s-min=4.8km az=144.0

IDC 17 12:12:52.8: 1.1, 1795S:17852W, h564km, 20km, mb3.9/20, mb1 4.0/20, mb1mx4.0/22, mbtmp3.9/20, Error ellipse: s-maj=12.7km s-min=1.5km az=123.0

ISC 17 12:12:52.8: 1.1, 1795S:007:17860W, 005, h549km, 13km, h548km, 3.7km:pp-P, n433, c:65/7338, mb4.4/61, 67C-92D, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like CMB Columbia Colle, WDC Whiskeytown, DVTC Desert V Tower, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Rows include 115A Sonoran Desert, Y14A Wickenburg, T11A Corn Creek, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Rows include 219A White Tail Can, T15A Red Dirt Ranch, WUAZ Wupatki, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Rows include C13A Hot Springs, TPWA Teton Pass, REDW Red Top Meadow, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Rows include HRFI Mount Harif, EIL Elat, etc.









17d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like W2 Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 17:55:06.3, 2.11S, 0.1, 1687E, 0.1, h20km, 42km, mb4.3/10, MS3.9/6, Error ellipse: s-maj=19.2km s-min=17.2km az=165.3

NEIC 17:55:06.9, 0.4, 2.12S, 0.1, 16869E, h10km, mb4.8/5, Error ellipse: s-maj=17.7km s-min=15.0km az=108.0

SZGRF 17:55:09.4, 2.180S, 16855E, h33km, Loyalty Islands IDC 17:55:11.5, 1.2, 2.117S, 16852E, h36km, mb3.9/6, mb1.4/16, mb1mx4.0/11, mbtpr3.9/6, MS3.7/7, Ms1 3.7/7, ms1mx3.5/26, Error ellipse: s-maj=34.7km s-min=23.0km az=134.0

ISC 17:55:07.8, 6.0, 2.12S, 0.1, 16869E, 0.09, h16km, 37km, h35km, 6km, pP, n60, 0.93/17, mb4.3/10, MS3.9/6, 5D, Loyalty Islands

Main table for 17d 19h section, listing various stations and their parameters. Includes stations like DZM Mont Dzumac, CTX Charters Tower, STKA Stephens Creek, etc.

IDC 17:39:57.7, 1.5, 2.75S, 17682W, h0km, mb3.7/4, mb1.3/9.4, mb1mx3.8/12, mbtpr3.7/4, MS3.1/1, Ms1 3.5/1, ms1mx3.0/24, Error ellipse: s-maj=39.5km s-min=25.0km az=114.0

NEIC 17:39:59.1, 1.1, 2.75S, 17672W, h10km, mb4.4/1, Error ellipse: s-maj=28.9km s-min=21.6km az=113.0

ISC 17:40:03.4, 5.2, 2.77S, 0.2, 1767W, 0.3, h45km, 37km, n13, 0.121/8, mb3.9/5, Kermadec Islands region

2007 MAY

Table for 2007 MAY section, listing stations like RAO Raoul Island, RAR Rarotonga, CTX Charters Tower, etc.

IDC 17:47:43.4, 1.0, 2.188N, 14316E, h0km, mb3.6/6, mb1.3/8.6, mb1mx3.7/19, mbtpr3.6/6, Error ellipse: s-maj=40.2km s-min=23.4km az=91.0, Mariana Islands region

Table for 2007 MAY section, listing stations like SONM Songoing Array, WRA Warramunga Arr, ASAR Alice Springs, etc.

NEIC 17:51:15.9, 0.7, 2.113S, 16861E, h10km, mb4.1/3, Error ellipse: s-maj=37.5km s-min=11.4km az=153.0

ISCJB 17:51:17.0, 2.1, 2.11S, 0.2, 16868E, 0.1, h37km, mb4.3/9, Error ellipse: s-maj=24.6km s-min=10.8km az=157.0

IDC 17:51:20.7, 1.3, 2.099S, 16848E, h37km, 4km, mb4.1/7, mb1.4/3.7, mb1mx4.0/14, mbtpr4.1/7, MS3.8/1, Ms1 3.8/1, ms1mx3.1/26, Error ellipse: s-maj=55.1km s-min=17.8km az=149.0

SZGRF 17:51:22.5, 2.025S, 16992E, h38km, Vanuatu Islands ISC 17:51:19.5, 0.7, 2.12S, 0.2, 16868E, 0.10, h39km, h38km, 6km, pP, n68, 0.91/11, mb4.3/9, 8C-4D, Loyalty Islands

Main table for 2007 MAY section, listing various stations and their parameters. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, W2 Warramunga Arr, etc.

566

Table for 566 section, listing stations like ROTZ Rotzenmuhle, GEC2 GERESS Array S, GEC2 Geress Array B, etc.

IDC 17:58:48.1, 0.8, 5.85S, 15156E, h0km, mb4.3/11, mb1.4/4.1, mb1mx4.3/16, mbtpr4.2/12, MS1.5/1, MS3.3/1, Ms1 3.3/1, ms1mx2.9/27, Error ellipse: s-maj=30.3km s-min=18.1km az=113.0

NEIC 17:58:49.6, 0.4, 5.81S, 15152E, h10km, mb4.6/6, Error ellipse: s-maj=14.7km s-min=7.9km az=117.0

ISCJB 17:58:53.5, 5.2, 5.9S, 0.1, 1514E, 0.1, h45km, 45km, mb4.2/14, Error ellipse: s-maj=24.7km s-min=20.6km az=168.6

ISC 17:58:54.1, 4.0, 5.9S, 0.1, 1515E, 0.1, h38km, 35km, n27, 0.87/23, mb4.2/14, 1D, New Britain region

Main table for 566 section, listing various stations and their parameters. Includes stations like HNR Honiara, CTX Charters Tower, KAKA Kakadu, etc.

ISCJB 17:07:31.7, 2.2, 2.181N, 0.07, 1429E, 0.1, h153km, 22km, mb4.0/22, Error ellipse: s-maj=19.4km s-min=11.6km az=165.3

MOS 17:19:07.32, 0.9, 2.9128N, 14296E, h160km, mb4.2/9, Error ellipse: s-maj=24.2km s-min=10.0km az=105.7







Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like YBHK, YBHI, YBHM, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like TUC Tucson, TUC Tucson, TUC Tucson, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like I05A Bend, T14A Hurricane, O10A Cortez Mining, etc.

17d 19h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like 109A, E06A, TXAR, etc.

2007 MAY

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KMI, MVCO, C07A, etc.

570

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like HHC, D13A, MOOW, etc.



Table with columns for station name, frequency, power, and status. Includes stations like NORSAR Array B, ATAB Bozova, HYA Hoyanger, GZA Gaziantep, etc.

Table with columns for station name, frequency, power, and status. Includes stations like COPENHAGEN, BERGJESSHUBEL, WALLS, etc.

Table with columns for station name, frequency, power, and status. Includes stations like BERGJESSHUBEL, WALLS, MOXA, etc.



Table with columns: Call sign, Frequency, Mode, and other parameters. Includes stations like GEC2, GERES, WET, Uccle, etc.

Table with columns: Call sign, Frequency, Mode, and other parameters. Includes stations like RJJF, LBL, ORIF, MBDF, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like DZM, CTA, STKA, etc.









18d Oh

Table of astronomical observations for 18d Oh, listing station names, coordinates, and observation details.

2007 MAY

Table of astronomical observations for 2007 MAY, listing station names, coordinates, and observation details.

578

Table of astronomical observations for 578, listing station names, coordinates, and observation details.











Table with columns for station name, location, frequency, power, and other technical details. Includes stations like LSHA, WHN, JIRI, PKI, etc.

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like MK31, MKAR, MKAR, ZAK, etc.

Table with columns for station name, location, frequency, power, and other technical details. Includes stations like TIXI, VRSR, VRSR, VRSR, etc.

WEL 18:02:35.432.0.1, 41725.17395E, h1gkm, 1km, ML3.5/31, Error ellipse: s-maj=1.3km s-min=1.2km az=0.0, South

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSWZ, CMWZ, etc.

NEIC 18:02:39:16.5:5.4, 2814S:-17739W, h75km, 55km, mb4.2/1, Error ellipse: s-maj=11.0km s-min=25.2km az=167.0

IDC 18:02:39:16.0:4.2, 2808S:-17735W, h70km, 35km, mb3.7/3, s-maj=3.9/3, mb1mx3/6/12, mbtmpr3.7/3, Error ellipse: s-maj=44.3km s-min=33.8km az=5.0

ISC 18:02:39:15.8:5.2, 2815S:-03:1773W, h75km, 32km, n18, az=89/9, mb3.9/4, Kermadec Islands region

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





Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like Nanjing, Warramunga Arr, Alice Springs, etc.

Table with columns: RDF, AI-Radif, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like Novosibirsk, Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like Charters Tower, Kakadu, etc.





Table with columns for location (e.g., RAO, KAPI, TAU), time (e.g., 07 04 2.9), and status (e.g., LR, P, Pmax). Includes entries like Raoul Island, Kappang, Tasmania Univ, etc.

Table with columns for location (e.g., BJI, KMI, KXN), time (e.g., 06 53 38.3), and status (e.g., LR, P, Pmax). Includes entries like comp=N,341nm,24.2s, BJI, KMI, Kunming, etc.

Table with columns for location (e.g., GTA, CLNS, SHL), time (e.g., 06 57 01.4), and status (e.g., LR, P, Pmax). Includes entries like comp=N,211nm,19.0s,MS4.6, CLNS, Shilling, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like MKAR, COLA, ZAAO, ZALV, ZAL, NVS, SIT, EGAK, SKAG, SKAG, TKM2, TKM2, TKM2, KURK, KURK, WRAK, UCH, UCH, FRU, FRU, AML, AML, EKS2, EKS2, N02C, N02C, O02C, O02C, M02C, M02C, WDC, WDC, WDC, WDC, HUMO, HUMO, YBH, YBH, YBH, YBH, YBH, YBH, SAO, SAO, COR, COR, SYO, SYO, H03A, H03A, S04C, S04C, NLWA, NLWA, M03C, M03C, ORV, ORV, PKD, PKD, M04C, M04C, L04A, L04A, H04C, H04C, LAVA, LAVA, H04A, H04A, O04C, O04C, O05C, O05C, F04A, F04A, PKM, PKM, S05C, S05C, GNW, GNW, M05C, M05C, CMB, CMB, CMB, CMB, P05C, P05C, J05A, J05A, BEKR, BEKR, L05A, L05A, R05C, R05C, T06C, T06C, S06C, S06C, K05A, K05A.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like M06C, E05A, H05A, F05A, B05A, YES, WCN, MOD, MOD, MOD, KCC, O06A, R06C, WAKR, HELL, N06A, K06A, E06A, J06A, PAHR, I06A, ISA, ISA, H06A, MWC, MTUM, EDW2, L07A, M07A, O07A, N07B, CWC, BFSC, K07A, I07A, S08C, J07A, H07A, NVAR, G07A, LRMC, BVAR, A07A, BRVK, BRVK, B07A, DAC, DAC, HAWA, HAWA, MPMC, WVOR, WVOR, WVOR, WVOR, WVOR, WVOR, Q08A, N08A, L08A, G08A, J08A, I08A, H08A, E08A, B08A, S09A, GSC, GSC, TPH, TPH, PFO, PFO, FURC, R09A, N09A, L09A, K09A, M09A, O09A, B09A, BMN, BELC, SHOC, S10A, TPNV, TPNV, TPNV, TPNV.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like TPNV, Q10A, R10A, P10A, GMRC, BMO, BMO, O10A, K10A, N10A, M10A, G10A, L10A, S11A, IRM, A10A, H10A, GLA, GLA, LDLC, R11A, Q11A, NEW, NEW, SHPR, O11A, T11A, K11A, M11A, L11A, G11A, I11A, MFID, H11A, D11A, E11A, P12A, A11A, Q12A, R12A, M12A, L12A, O12A, J12A, V13A, K12A, F12A, D12A, T13A, S13A, Q13A, P13A, M13A, H13A, U14A, M14A, MSO, MSO, DUG, DUG, MVU, MVU, YKA, YKA, YKA, YKA, MSEY, MSEY, WUAZ, WUAZ, SNA, TUC, TUC, HWUT, HWUT, BOZ, BOZ, AHID, AHID, TPAW, YMR, YMR, BW06, BW06, EGMT, EGMT, ARU, ARU, ARU, ARU, MVCO, MVCO.







Table with columns: Station ID, Name, Frequency, Power, Direction, and other metrics. Includes stations like Crescent City, Honcut, Mitchell Peak, Acorn Hollow, Pinyon Flat Ob, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other metrics. Includes stations like Chiquin, Buffalo Meadow, Toledo, Gabbs, Eugene, Tonopah, Goodsprings, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, and other metrics. Includes stations like NLWA Neilton Lookou, NLWA Neilton Lookou, C03A Quilleyte Air, M09A Marrel Ranch, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like Y19A Nutrioso, MSU Marysvalle, I10A Payette, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like SKAG comp=Z,700nm,23.0s,MS5.0, TXAR Lajitas Array, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like HHC comp=Z,43nm,1.4s,mb5.6, HHC comp=Z,216nm,6.2s, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AKASG, AKKB, MALT, MALT, MALT, CLC, CLC, CLC, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like 0098/37, Turkey, HENT, HENT, HENT, etc.

PET	comp=Z,3um,1.2s	1.07 285	eP	Pn	10 51 29.7	-1.5
PET	Petrovavlovsk	1.07 285	iP	Pn	10 51 30.0	-1.2
PET		1.11 288	eS	Pn	10 51 45.5	+0.3
AVH	Avacha	1.11 288	iP	Pn	10 51 30.8	-0.9
INSR	Institute	1.11 287	iS	Pn	10 51 46.0	+1.0
INSR			iS	Pn	10 51 46.5	+0.3
RUS	Russkaya	1.18 255	iP	Pn	10 51 31.5	-1.1
RUS			iS	Pn	10 51 48.5	+0.8
KH	Karymskiy	1.40 337	eP	Pn	10 51 34.3	-1.3
GRL	Gorely	1.42 263	iP	Pn	10 51 35.7	-0.1
GRL			iS	Pn	10 51 55.4	+2.0
GNL	Ganally	1.74 304	iP	Pn	10 51 40.8	+0.6
GNL			iS	Pn	10 52 04.0	+2.8
MKZ	Mys Kozlova	1.98 24	iP	Pn	10 51 39.7	-3.7
MKZ			iS	Pn	10 52 02.3	-4.7
MIPR	Malaya Ipe'l'ka	2.26 259	eP	Pn	10 51 49.2	+1.9
MIPR			iS	Pn	10 52 18.6	+4.6
TUMR	Tumrok	2.54 357	iP	Pn	10 51 50.6	-0.4
TUMR			iS	Pn	10 52 20.4	-0.3
KMINR	Kamenistaya	3.01 359	eP	Pn	10 51 57.6	+0.1
KMINR			iS	Pn	10 52 33.9	+1.7
KOZ	Kozyrensk	3.32 355	eP	Pn	10 52 03.1	+1.3
KOZR	Kozyr	3.33 355	PN	Pn	10 52 03.1	+1.2
SKR	Severo-Kuril's	3.36 234	ePN	Pn	10 52 01.2	-1.2
SKR			eS	Pn	10 52 40.0	-1.0
SKR	comp=E,60nm,0.4s			pmax		
SKR	comp=Z,80nm,0.4s			pmax	pmax	
SKR	comp=Z,600nm,4.0s			pmax	pmax	
SKR	comp=N,650nm,0.5s			smax		
SKR	comp=E,770nm,0.5s			smax		
SKR	comp=N,3um,4.0s			smax		
SKR	comp=E,2um,4.0s			smax		
SKR	comp=N,3um,18.0s			MLR	MLR	
SKR	comp=E,6um,18.0s			MLR	MLR	
SKR	comp=Z,5um,18.0s			MLR	MLR	
KLY	Klyuchi	3.57 3	P	Pn	10 52 05.2	0.0
SRDR	Sredinnyy	3.59 354	eP	Pn	10 52 06.1	+0.7
SRDR			iS	Pn	10 52 47.9	+1.4
KBTR	Krutoberegovo	3.74 21	eP	Pn	10 52 04.7	-2.8
KBTR			iS	Pn	10 52 44.7	-5.6
SRKR	Sorokina	3.93 6	eP	Pn	10 52 10.9	+0.7
SRKR			iS	Pn	10 52 55.4	+0.4
MA2	Magadan	8.68 326	ePN	Pn	10 53 16.1	+1.1
MA2			pmax	pmax		
MA2	comp=Z,20nm,0.8s	8.68 326	eP	Pn	10 53 17.2	+2.1
MA2	comp=Z,10nm,0.7s					
SEY	Seymchan	11.04 341	ePN	Pn	10 53 51.2	+3.8
UGL	Ugleorsk	11.22 260	PN	Pn	10 54 07.0	+4.9
UGL			pmax	pmax		
UGL	comp=Z,1um,3.0s			pmax	pmax	
UGL	comp=Z,1.12nm,1.0s			MLR	MLR	
UGL	comp=Z,1um,18.0s			MLR	MLR	
UGL	comp=N,1um,12.0s			MLR	MLR	
UGL	comp=E,2um,18.0s			MLR	MLR	
ASAJ	Asahikawa	14.59 241	P	Pn	10 54 35.4	-0.1
ASAJ			pmax	pmax		
ASAJ	comp=Z,3.0nm,0.3s			MLR	MLR	
ASAJ	comp=Z,614nm,18.4s	14.59 241	Pn	Pn	10 54 35.4	-0.1
ASAJ	comp=Z,3.1nm,0.3s,baz=89,slo=13,SNR=19			LR	11 01 24.4	
BILL	Bilibino	15.60 8	eP	Pn	10 54 48.2	-0.1
BILL			pmax	pmax		
BILL	comp=Z,8.0nm,1.3s			MLR	MLR	
BILL	comp=Z,1um,22.0s	15.60 8	eP	Pn	10 54 47.7	-0.6
BILL	comp=Z,26nm,0.6s					
HABR	Khabarovsk	16.60 265	eS	Pn	10 54 58.4	-2.6
HABR			eS	Pn	10 58 00.4	-1.3
KLR	Kul'dur	18.30 270	eP	Pn	10 55 19.0	-3.0
KLR			MLR	MLR		
KLR	comp=N,1um,10.0s			MLR	MLR	
YAK	Yakutsk	18.79 312	eP	Pn	10 55 25.7	-2.0
YAK			pmax	pmax		
YAK	comp=Z,45nm,1.0s			pmax	pmax	
YAK	comp=N,10.0nm,1.1s			pmax	pmax	
YAK	comp=E,25nm,1.3s			pmax	pmax	
YAK	comp=Z,60nm,0.8s			pmax	pmax	
YAK	comp=N,6.0nm,0.5s			pmax	pmax	
YAK	comp=E,13nm,0.9s			pmax	pmax	
YAK	comp=Z,65nm,0.6s	18.79 312	eP	Pn	10 55 24.5	-3.2
MAJO	Matsushiro	22.47 233	eP	Pn	10 56 08.0	+1.3
MAJO			pmax	pmax		
MAJO	comp=Z,27nm,0.6s,mb4.8	22.47 233	eP	P	10 56 08.0	+1.4
MAJO	comp=Z,27nm,0.6s,mb4.8	22.47 233	P	P	10 56 08.8	+2.1
MAT	Matsushiro	22.47 233	P	P	10 11 00.3	+3.3
MAT			S	P	10 56 07.7	+1.0
MJAR	Matsushiro Arr	22.47 233	P	pmax	pmax	
MJAR			MLR	MLR		
MJAR	comp=Z,555nm,21.8s	22.47 233	P	Pn	10 56 07.7	+1.0
MJAR	comp=Z,23nm,0.7s,mb4.7,baz=20,slo=12,SNR=24			LR	11 05 03.1	
MJAR	comp=Z,555nm,21.8s,MS4.0,baz=35,slo=37			LR		
TIXI	Tiksi	23.46 335	eP	P	10 56 12.6	-3.8
TIXI			pmax	pmax		
TIXI	comp=Z,28nm,1.2s,mb4.8			MLR	MLR	
TIXI	comp=Z,915nm,15.0s,MS4.4			MLR	MLR	
TIXI	Tiksi	23.46 335	eP	P	10 56 13.9	-2.4
CN2	Changchun	24.70 263	eP	P	10 56 27.9	0.0
CN2			AMB	AMB		
CN2	comp=Z,10.0nm,0.6s,mb4.5			AMB	AMB	
CN2	comp=Z,200nm,4.0s			AMB	AMB	
CN2	comp=N,1um,16.0s,MS4.7			LR	LR	
CN2	comp=E,1um,16.0s,MS4.7			LR	LR	
TTA	Tatalina	24.85 49	eP	P	10 56 28.8	-0.3
TTA			pmax	pmax		
TTA	comp=Z,42nm,1.3s,mb4.8	24.85 49	eP	P	10 56 28.8	-0.3
TTA	comp=Z,42nm,1.3s,mb4.8					
SVW2	Sparrevohn	25.00 53	eP	P	10 56 30.1	-0.4
HIA	Hailar	25.56 279	eP	P	10 56 34.7	-1.0
HIA			pmax	pmax		
HIA	comp=Z,18nm,0.8s	25.56 279	eP	P	10 56 34.7	-1.0
IMA2	Indian Mountain	26.18 42	eP	P	10 56 40.4	-0.8
BOD	Bodaibo	26.46 300	eP	P	10 56 42.9	-0.8
BOD			pmax	pmax		
BOD	comp=Z,10.0nm,1.2s,mb4.2			pmax	pmax	
KDAK	Kodiak Island	26.62 60	P	P	10 56 44.4	-2.6
KDAK	comp=Z,5.0nm,0.7s,mb4.2,baz=16,slo=5.3,SNR=5.7					
KSR5	Korea Array	27.25 249	P	P	10 56 52.0	+1.0
KSR5			LR	LR		
KSR5	comp=Z,4.4nm,0.7s,mb4.1,baz=40,slo=9.1,SNR=16			11 07 05.3		
COLA	College	28.52 45	eP	P	10 57 01.6	-0.5
EGAK	Eagle	31.38 45	eP	P	10 57 25.2	-2.2

ULN	comp=Z,5.6nm,0.9s,mb4.4	33.74 284	eP	P	10 57 47.2	-1.0
ULN	Ulaanbaatar	33.74 284	eP	P	10 57 48.2	0.0
TLY	comp=Z,2.4nm,0.6s,mb4.3	34.00 291	eP	P	10 57 49.9	-0.5
TLY	Talaya		pmax	pmax		
INK	comp=Z,4.0nm,2.5s,mb3.9	34.03 37	P	P	10 57 50.5	0.0
INK	Inuvik		pmax	pmax	11 00 27.4	
INK	comp=Z,1.0nm,0.4s		pmax	pmax		
INK	Inuvik	34.03 37	P	P	10 57 50.5	0.0
INK			P	P	11 01 57.4	+0.6
INK	Inuvik	34.03 37	P	P	10 57 50.5	0.0
INK	comp=Z,0.9nm,0.4s,mb4.1,baz=289,slo=6.2,SNR=18			11 00 27.4	+0.6	
SONM	Songino Array	34.14 284	P	P	10 57 51.9	+0.2
SONM			pmax	pmax	11 00 29.3	
SONM	comp=Z,2.0nm,0.5s		pmax	pmax		
SONM	comp=Z,2.0nm,0.7s		pmax	pmax		
SONM	comp=Z,2.775nm,18.4s		P	P	10 57 51.9	+0.2
SONM	Songino Array	34.14 284	P	P	11 00 29.3	+1.8
SONM	comp=Z,1.9nm,0.5s,mb4.2,baz=51,slo=8.1,SNR=20			11 00 29.3	+1.8	
SONM	comp=Z,2.1nm,0.7s,baz=41,slo=1.9,SNR=8.8			11 13 17.9		
ZAK	Zakamensk	34.77 290	eP	P	10 57 56.8	-0.3
ZAK			pmax	pmax		
NJ2	Nanjing	36.31 252	eP	PP	10 58 09.3	-1.1
NJ2			S	PP	10 59 33.6	-0.2
NJ2			XS	sS	11 03 43.0	-4.2
NJ2			AMB	AMB	11 04 13.0	+1.7
NJ2	comp=Z,50nm,1.4s,mb5.2		LR	LR		
NJ2	comp=N,1um,20.8s,MS4.8		LR	LR		
NJ2	comp=E,620nm,19.5s,MS4.8		LR	LR		
GUM	Guam	40.98 203	LR	LR	11 14 14.7	
GTA	Gaotai	42.81 277	eP	PP	10 59 04.9	+0.5
GTA			AP	PP	10 59 12.1	-6.8
GTA			XP	sP	10 59 16.8	-1.0
GTA			PCP	PCP	11 00 56.8	+2.1
GTA			AMB	AMB		
ZALV	Zalesovo Beam	43.10 303	P	P	10 59 04.7	-1.9
ZALV	comp=Z,2.9nm,0.7s,mb4.1,baz=74,slo=5.4,SNR=6.5			11 00 56.2	+0.8	
ZALV	comp=Z,1.5nm,0.6s,baz=27,slo=6.6,SNR=3.4			11 18 26.5		
ZALV	comp=Z,384nm,18.3s,MS4.3,baz=174,slo=38					
ZAL	Zalesovo	43.12 303	P	P	10 59 04.7	-2.0
ZAL			pmax	pmax	11 00 56.2	
YKA	Yellowknife Ar	43.30 42	P	P	10 59 07.7	-0.3
YKA			pmax	pmax		
YKA	comp=Z,2.0nm,0.8s		P	P	10 59 07.7	-0.3
YKA	Yellowknife Ar	43.30 42	P	P	10 59 07.7	-0.3
YKA	Yellowknife Ar	43.30 42	P	P	10 59 07.7	-0.3
NVS	Novosibirsk	43.45 305	iP	P	10 59 08.1	-1.2
NVS			e	pmax	10 59 17.8	-6.1
NVS	comp=Z,36nm,1.3s,mb4.9		pmax	pmax		
NVS	comp=N,14nm,1.5s		pmax	pmax		
NVS	comp=Z,27nm,1.3s		pmax	pmax		
SPB4	Spitsbergen Ar	47.50 351	eP	P	10 59 41.2	+0.1
KURK	Kurchatov	48.06 302	iP	P	10 59 44.7	-1.0
KURK	Kurchatov	48.06 302	iP	P	10 59 43.8	-1.9
MK31	Makanchi Array	48.45 296	eP	P	10 59 47.5	-1.3
MKAR	Makanchi Array	48.45 296	P	P	10 59 47.6	-1.2
MKAR	comp=Z,5.0nm,0.5s		MLR	MLR		
MKAR	comp=Z,1.77nm,20.7s	48.45 296	P	P	10 59 47.6	-1.2
MKAR	comp=Z,5.4nm,0.5s,mb4.8,baz=58,slo=7.3,SNR=81			11 20 43.9		
BVAR	Borovoye Array	50.73 309	LR	LR	11 23 42.1	
DAG	Danmarks Havn	50.74 360	iP	P	11 00 06.6	+0.7
DAG			pmax	pmax		
DAG	comp=Z,6.0nm,0.6s,mb4.7		P	P	11 00 06.6	+0.7
DAG	Danmarks Havn	50.74 360	iP	P	11 00 06.6	+0.7
BRVK	Borovoye	50.76 309	eP	pmax	11 00 05.3	-1.0
BRVK			pmax	pmax		
BRVK	comp=Z,10.0nm,0.6s,mb4.9		P	P	11 00 05.3	-1.0
BRVK	Borovoye	50.76 309	eP	P	11 00 05.3	-1.0
WDC	Whiskeytown Da	51.83 71	eP	pmax	11 00 15.0	+0.5
WDC			pmax	pmax		
WDC	comp=Z,3.0nm,0.9s,mb4.2		P	P	11 00 14.9	+0.5
WDC	Whiskeytown Da	51.83 71	eP	P	11 00 20.8	-0.8
CHMT	Chamberlain Mo	52.81 59	eP	P	11 00 22.1	+0.3
WVOR	Wild Horse Val	52.82 67	eP	pmax	11 00 22.1	+0.3
WVOR			pmax	pmax		
WVOR	comp=Z,5.0nm,1.4s,mb4.2		P	P	11 00 22.1	+0.3
WVOR	Wild Horse Val	52.82 67	eP	P	11 00 22.1	+0.3
KEV	Kevo	53.19 342	eP	P	11 00 22.6	-1.5
KEV			pmax	pmax		
KEV	Kevo	53.19 342	eP	P	11 00 22.6	-1.5
KEV			pmax			

Table of astronomical observations for 18d 11h, listing station codes, names, coordinates, and observation times.

Table of astronomical observations for 2007 MAY, listing station codes, names, coordinates, and observation times.

Table of astronomical observations for NEIC 18 11:19:24.6, 1911N-6266W, h34km, MD3.5(RSPR), After RSPR 18 11:19:24.6, 1911N-6266W, h34km, 19km, MD3.5/7, Leeward Islands, listing station codes, names, coordinates, and observation times.





18d 12h

Table with columns: Code, Station Name, Azimuth, Phase, Time, Residual, and Error Ellipse. Includes entries like YKWK3 Yellowknife Ar, RES Resolute Bay.

LDG 18 12:39:58.1±0.2, 2736N:8809E, h10km, Mb4.8/14, Ms3.8/5, Error ellipse: s-maj=11.2km s-min=7.8km az=169.0
BUJ 18 12:39:58.7, 2724N:8819E, h15km, mb5.0, mb4.7, ML4.4, Ms4.3, Msz4.0
IDC 18 12:39:59.1±0.6, 2731N:8820E, h0km, mb4.2/21, mb1.4/4/22, mb1mx4.3/25, mbtmp4.2/22, MS3.7/10, Ms1.3/7/10, ms1mx3.5/35, Error ellipse: s-maj=19.1km s-min=12.9km az=40.0
DMN 18 12:39:59.9±0.4, 2713N:8871E, h60km, M15.7/5, Error ellipse: s-maj=36.1km s-min=8.5km az=15.0
NEIC 18 12:40:01.2±2.9, 2728N:8815E, h15km, mb4.7/40, Error ellipse: s-maj=7.6km s-min=5.1km az=222.0
NDI 18 12:40:01.6±3.3, 2731N:8837E, h10km, ML4.6, mb4.7(NEIC)
ISCJTB 18 12:40:02.3±0.5, 2726N:003:8816E:002, h37km, 4km, mb4.5/68, MS3.8/18, Error ellipse: s-maj=4.6km s-min=3.6km az=176.3
MOS 18 12:40:02.0±1.1, 2726N:8814E, h33km, mb4.7/41, Error ellipse: s-maj=9.3km s-min=5.7km az=114.4
ISC 18 12:40:04.0±0.4, 2728N:003:8822E:003, h37km, 4km, n222, s1921/252, mb4.5/68, MS3.8/18, 11C-4D, Sikkim

Main table of station data with columns: Code, Station Name, Azimuth, Phase, Time, Residual, and Error Ellipse. Includes stations like Gangtok, Shilong, Bokaro, Imphal, Nagpur, Simla, Akola, Kuning, Latur, Chengdu, Gaotai, etc.

2007 MAY

Main table of station data for 2007 MAY with columns: Code, Station Name, Azimuth, Phase, Time, Residual, and Error Ellipse. Includes stations like POO Poona, Lanzhou, Karad, Guiyang, Urumqi, Khabarovsk, etc.

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Main table of station data for 598 with columns: Code, Station Name, Azimuth, Phase, Time, Residual, and Error Ellipse. Includes stations like NJ2, BVAR Borovoye Array, BRVK Borovoye, AKTK Aktyubinsk, etc.

Table with columns: BRG, Berggiesshubel, 59.64 315, eP, P, 12.50 05.4 +0.8, etc. Lists various stations and their coordinates and frequencies.

Table with columns: TOAO, Torodi Ar. Sit, 81.05 280, eP, P, 12.52 15.8 -0.2, etc. Lists stations and their coordinates and frequencies.

Table with columns: EGRO, El Granado, 2.39 336, P, Pn, 13.06 18.2 +0.7, etc. Lists stations and their coordinates and frequencies.

ISCJB 18 13:05:17.4 A-0.6, 2056N:004:10060E:007, h10km, mb3.6/4, Error ellipse: s-maj=9.8km s-min=5.5km az=23.4

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, ISC, h, m, s, ISC, Time, Res. Lists station codes and names.

CSEM 18 13:05:38.2 0.1, 3525N:6.16W, h75km, 1km, MD3.7, Error ellipse: s-maj=2.1km s-min=1.5km az=110.0

LDG 18 13:05:38.9 0.3, 3538N:6.20W, h30km, M3.4/4, Error ellipse: s-maj=0.6km s-min=0.4km az=18.0

ISCJB 18 13:05:39.3 0.3, 3536N:0.2, 625W:0.02, h44km, Error ellipse: s-maj=3.5km s-min=2.5km az=31.9

SFS 18 13:05:40.0, 3528N:6.22W, h73km, ML3.6, NEIC 18 13:05:41.0, 3529N:6.22W, h74km, MG4.0(MDD), After MDD.

CNRM 18 13:05:41.5, 3519N:6.33W, h25km, MD3.7, MDD 18 13:05:41.0, 0.5, 3527N:6.25W, h44km, 6km, mb4.6/17, Error ellipse: s-maj=5.6km s-min=3.9km az=87.0, PRXIMO

INMG 18 13:05:42.2 1.3, 3531N:6.25W, h31km, 14km, ML2.9, Error ellipse: s-maj=9.3km s-min=3.7km az=8.0

ISC 18 13:05:40.8 0.4, 3536N:0.02, 625W:0.02, h48km, 7km, n113, +f122 190, 1C-11D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase, ID, ISC, h, m, s, ISC, Time, Res. Lists station codes and names.



Table with columns: ARG, VLS, HMAT, etc. and corresponding station names and coordinates. Includes stations like Arkhangelos, Valsamata, Matruh, etc.

Table with columns: AKTO, BVAR, EKSE, etc. and corresponding station names and coordinates. Includes stations like Aktyubinsk, Borovoye Array, Erkin-Say, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 18 14:10:47.6,2.2,364S,10071E, etc.

NEIC 18 14:15:40.8,3647N,1226W,h93km,MG3.0(MDD), After MDD

MDD 18 14:15:40.8,3661N,1204W,h0km,mb3.8/3, Error ellipse: s-maj=31.8km s-min=24.3km az=42.0, PRXMO

INMG 18 14:15:42.2,1.3,3643N,1243W,h10km,112km,ML2.4, Error ellipse: s-maj=57.5km s-min=5.8km az=61.0

ISC 18 14:15:42.2,1.3,3681N,005.1194W,008,h10km,n29, r1500/50,Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PFVI Vila Bisbo, PTEO Sao Teotónio, MORF Marnelete, etc.

KRSC 18 14:34:06.4,1.0,5522N,16189E,h62km,61km,ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKZ Mys Kozlova, TMKR Tumrok, etc.





Table with columns for call sign, name, frequency, mode, and other details. Includes stations like ZAL, ZALV, NVS, OPO, BRVK, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like OBN, LSZ, PET, KIEV, MAW, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like MOX, MOX, MOX, MOX, MOX, etc.





















MOS 18 18:03:24.8; 1.4, 3430N-81.79E, h33km, mb4.0/11, Error ellipse: s-maj=20.3km s-min=8.0km az=107.1, NEIC 18 18:03:27.8; 1.0, 3430N-81.78E, h47km, mb4.2/2, Error ellipse: s-maj=11.3km s-min=8.6km az=223.0, BUJ 18 18:03:28.1, 3455N-82.21E, h27km, mb4.2, ML3.8, ISC 18 18:03:22.5; 0.5, 3421N-007.8180E, h10km, n58, c#110/56, mb4.0/16, Xizang

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include stations like KASHI, LSHA, UCHT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include stations like ISCO Idaho Springs, IDAHO FLWY, MOOOW, etc.

IDC 18 18:49:16.4; 17.0, 1924S-17131E, h0km, mb4.1/5, mb1 4.3/5, mb1mx4.0/1.5, mbmp4.2/5, Error ellipse: s-maj=293.8km s-min=104.3km az=74.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include stations like CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, etc.

CSEM 18 19:27:11.7; 0.1, 3505N-2270E, h80km, ML3.6, Error ellipse: s-maj=4.9km s-min=2.9km az=76.0, ATH 18 19:27:13.6, 3524N-2285E, h35km, 7km, MD3.6/6, HSW 18 19:27:15.3, 3514N-2356E, h23km, MB3.6, ISC 18 19:27:09.0; 1.4, 3510N-005.226E, h1h6km, mb4.0/11, c#103/16, 2C-2D, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include stations like KYTH Kithira, VAM Vamos, NPS Neapolis, etc.

ISCJB 18 19:31:45.2; 0.6, 2447S-003.6712W, h157km, 5km, mb4.7/67, Error ellipse: s-maj=7.5km s-min=4.6km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include stations like IDC 18 19:31:47.9; 0.7, 2438S-6694W, h168km, 5km, mb4.4/11, etc.

Large table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include stations like CAM4 East Falkland, USHA Ushuaia, RCBR Riachuelo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include stations like IDC 18 18:10:47.2; 2.3, 4330N-105.24W, h0km, mb3.5/3, etc.



Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Saint Gilles, La Frestale, Montolieu, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NEIC 18 19:59:02.4, GUC 18 19:59:02.4, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like mb1mx3.8/1.4, mbtm3.4/0.4, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 18 20:54:32.2, m1 3.9/5, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 18 21:11:15.3, m1 4.0/2, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NEIC 18 21:16:15.8, GUC 18 21:16:15.8, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 18 21:42:07.5, ISJCJB 18 21:42:07.5, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATH 18 21:50:36.5, NEIC 18 21:50:36.5, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OHR Ohrid, BIA Bitola, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 18 22:07:45.2, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ISJCJB 18 22:31:02.2, GUC 18 22:31:04.6, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ANCH Antofagasta, CEN1 Los Morros, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VACH Vallenar, LCO Las Campanas, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CPCH Copiapo, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VNA3 Neumayer-Watz, VNA2 Sanaa, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TOAO Torodi Arr, TOR Torodi Arr, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MAW Mawson, BOSA Boshof, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NIED 18 22:39:00, JMA 18 22:39:05, etc.





18d 23h

2007 MAY

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Table with columns: GKN, Gorkha, 27.60, 82, eP, P, 23 09 21.8 -0.7, etc. Lists various locations and their corresponding coordinates and status.

Table with columns: PRU, Pruhonice, 36.88, 318, eP, P, 23 10 43.8 +0.4, etc. Lists various locations and their corresponding coordinates and status.

Table with columns: LOR, Lormes, 42.99, 311, eP, P, 23 11 33.2 -1.0, etc. Lists various locations and their corresponding coordinates and status.















Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Elk City, Lost Marbles R, J08A, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like HHC, Nj2, LZH, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like EGAK, DAWY, FCC, etc.

19d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like BURAR, MLR, Geres, etc.

IDC 19 01:15:39.6:1.1, 3.02S:129.68E, h0km, mb4.1/4, mb1 4/3,7, mb1mx4.1/18, mbtmp4.2/7, ML4.2/3, Error ellipse: s-maj=40.7km s-min=13.6km az=71.0

ISCJB 19 01:15:41.5:0.8, 3.08S:008.1296E.01, h30km, mb3.9/4, Error ellipse: s-maj=20.8km s-min=8.9km az=153.9

NEIC 19 01:15:43.6:0.6, 3.08S:129.65E, h30km, mb4.1/3, Error ellipse: s-maj=22.3km s-min=11.2km az=63.0

ISC 19 01:15:47.0:2.1, 3.25S:011295E.02, h2km, mb1.9km, n14, s108/16, mb3.9/4, Seram

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like KAKA, KAPI, FITZ, etc.

IDC 19 01:19:18.9:2.0, 7.055N:6.166E, h0km, mb3.4/1, mb1 3.4/5, mb1mx3.2/24, mbtmp3.4/5, ML2.9/4, Error ellipse: s-maj=30.3km s-min=17.7km az=167.0

ISCJB 19 01:19:20.4:0.7, 7.057N:0.04:70E.01, h10km, Error ellipse: s-maj=6.6km s-min=6.2km az=160.1

NAO 19 01:19:22.2:1.1, 7.052N:6.75E, ML2.5, BER 19 01:19:22.4:8, 7.058N:6.04E, h10km, MD2.7, ML2.1, ML2.5(NAO)

HEL 19 01:19:24.4:0.4, 7.063N:6.88E, h10km, ML2.9, MD2.7(BER), ML2.1(BER)

ISC 19 01:19:23.0:7, 7.057N:0.04:70E.01, h10km, n47, s128/62, Norwegian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like LOF, LOF, TRO, etc.

2007 MAY

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like OUL, MSF, MSF, etc.

IDC 19 01:22:41.7:3.0, 2.56S:140.36E, h0km, mb3.9/4, mb1 4.1/5, mb1mx3.9/14, mbtmp4.0/5, ML4.2/1, MS3.1/1, Mst 3.1/1, ms1mx2.9/20, Error ellipse: s-maj=103.0km s-min=23.7km az=94.0

NEIC 19 01:22:46.8:2.0, 2.65S:140.17E, h30km, mb3.8/1, Error ellipse: s-maj=53.2km s-min=18.2km az=92.0

ISCJB 19 01:22:51.1:3.5, 2.85S:01x1397E.02, h7km, 33km, mb3.8/3, Error ellipse: s-maj=40.6km s-min=15.9km az=14.1

ISC 19 01:22:49.3:4.8, 2.75S:02:1398E.02, h39km, 45km, n9, s090/10, mb3.9/3, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like KAKA, KAKA, GUMO, etc.

IDC 19 01:24:49.5:2.8, 3.03N:96.77E, h0km, mb4.0/3, mb1 4.0/4, mb1mx3.6/21, mbtmp3.9/4, ML3.0/1, MS3.0/1, Mst 3.0/1, ms1mx2.8/35, Error ellipse: s-maj=91.4km s-min=23.2km az=46.0

ISCJB 19 01:24:50.9:1.6, 2.8N:02:965E.01, h33km, mb4.0/3, Error ellipse: s-maj=32.8km s-min=15.8km az=28.0

NEIC 19 01:24:52.2:1.5, 2.75N:96.55E, h30km, Error ellipse: s-maj=33.0km s-min=15.7km az=210.0

ISC 19 01:24:53.1:1.6, 2.8N:02:966E.02, h35km, n7, s095/7, mb4.0/3, Northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like PSI, PSI, KULM, etc.

IDC 19 01:32:52.0:3.2, 3.294N:2357E, h0km, mb3.9/4, mb1 3.6/8, mb1mx3.5/24, mbtmp3.6/8, ML3.3/4, Error ellipse: s-maj=51.5km s-min=29.9km az=37.0

ISC 19 01:32:53.6:4.2, 3.29N:01:237E.01, h12km, 31km, n8, s071/10, mb3.8/4, Near coast of Libya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like IDI, IDI, MMAI, etc.

NIED 19 01:46:00, 46.30N:153.40E, h53km, Mw4.7 Best double couple: M:1.23000x1016 NP1:978.00000x0.881.00000, 1.82.00000, NP2:9301.00000x0.812.00000, 1.132.00000

IDC 19 01:46:34.4:0.6, 4.560N:153.91E, h0km, mb4.3/18, mb1 4.4/20, mb1mx4.3/27, mbtmp4.3/20, ML3.6/1, Error ellipse: s-maj=17.6km s-min=14.6km az=155.0

ISCJB 19 01:46:39.0:4.0, 4.524N:007:1537E.006, h68km, mb4.5/55, Error ellipse: s-maj=10.9km s-min=3.9km az=157.1

MOS 19 01:46:41.3:1.5, 4.554N:153.72E, h68km, mb4.8/34, Error ellipse: s-maj=10.1km s-min=7.2km az=104.0

SZGRF 19 01:46:44.7, 46.12N:153.27E, h136km, mb4.8, Kuril Islands, Russia

NEIC 19 01:46:50.8:0.6, 4.569N:153.91E, h132km, 5km, mb4.5/21, Error ellipse: s-maj=11.1km s-min=6.6km az=172.0

ISC 19 01:46:36.8:1.7, 4.561N:005:1537E.005, h13km, 11km, n167, s192/172, mb4.5/55, MS4.0/9, 13C-4D, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like KUR, KUR, KUR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various data points for stations like SKR, SKR, SKR, etc.



Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCES Array B, AKTY Aktyubinsk, NVAR Milna Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HNR Honiara, WRAB Tennant Creek, WB2 Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BATI Kupang, BATI 6.2nm, 0.3s, FITZ Fitzroy Crossi, etc.

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, MKAR Makanchi Arr, etc.

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, etc.

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, TOR Torodi Arr, etc.

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, MKAR Makanchi Arr, etc.

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, STKA Stephens Creek, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAN Kerika, KEK Kerkira, MEV Metsovion, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CPUP Villa Florida, CPUP 1.9nm, 0.3s, SIV San Ignacio, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CPUP 1.9nm, 0.3s, SIV San Ignacio, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARE Arequipa, CFAA Coronel Fontan, CFAA Coronel Fontan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BDFB Brasilia, BDFB 0.1nm, 0.3s, NNA Nana, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TOAO Torodi Arr, TORD Torodi Arr, SCHO Schefferville, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUV Guiria, TCE Chacachacare, GUNV Guanaco, etc.



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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like COEN, KURK, TKM2, etc.

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

IS/CJB 19 03:10:10.0.0.6, 3864N:003:3022E:004, h6km,7km, Error ellipse: s-maj=5.8km s-min=4.6km az=139.1

IS/CJB 19 03:10:10.0.0.2, 3862N:3021E, h15km, MD2.7, Error ellipse: s-maj=5.9km s-min=5.5km az=17.0

IS/CJB 19 03:10:09.9, 3867N:3028E, h7km,3km, MD2.3, Error ellipse: s-maj=5.9km s-min=5.5km az=17.0

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

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

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

IDC 19 03:15:44.4.2.6, 2226E:14818E, h0km,mb1 3.5/4, mb1mx3.4/12, mbtpp3.3/4, ML3.0/4, Error ellipse: s-maj=36.8km s-min=21.6km az=59.0, Queensland

IDC 19 03:22:44.8.0.1, 1663S:6991W, h20km,25km,mb2.9/2, mb1 2.9/3, mb1mx2.8/18, mbtpp2.8/3, Error ellipse: s-maj=229.1km s-min=47.3km az=21.0, Peru-Bolivia border region

IDC 19 03:22:44.8.0.1, 1663S:6991W, h20km,25km,mb2.9/2, mb1 2.9/3, mb1mx2.8/18, mbtpp2.8/3, Error ellipse: s-maj=229.1km s-min=47.3km az=21.0, Peru-Bolivia border region

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

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

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

NIED 19 03:20:00, 2490N:12540E, h41km, Mw4.2, Best double couple: M2.22000:10:15: NP1.9, +8.00000, +872.00000, +94.00000, NP2.9, +215.00000, +819.00000, +777.00000

VIE 19 03:36:11.7.0.1, 4649N:1273E, h10km,2km,mb1 9/13, ML2 8/15, Error ellipse: s-maj=1.4km s-min=0.7km az=10.0

VIE 19 03:36:11.7.0.1, 4649N:1273E, h10km,2km,mb1 9/13, ML2 8/15, Error ellipse: s-maj=1.4km s-min=0.7km az=10.0

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GEC2, GEC2, GEC2, etc.

IS/CJB 19 03:20:05.0.1.3, 2491N:006:12536E:004, h49km,3km, mb4.1/21, Error ellipse: s-maj=11.5km s-min=4.9km az=153.5

IS/CJB 19 03:20:05.0.1.3, 2491N:006:12536E:004, h49km,3km, mb4.1/21, Error ellipse: s-maj=11.5km s-min=4.9km az=153.5

IS/CJB 19 03:20:05.0.1.3, 2491N:006:12536E:004, h49km,3km, mb4.1/21, Error ellipse: s-maj=11.5km s-min=4.9km az=153.5

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

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

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

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

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

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

IDC 19 04:39:29.3:1.5, 3062S:7205W, h0km,mb4.0/3,mb1 3.8/6, mb1mx3.7/17, mbtpp3.8/6, ML3.9/3, Error ellipse: s-maj=47.1km s-min=29.9km az=177.0

ML4.2
NEIC 19 04:39:35.3,3093S,7167W,h37km,mb4.3/1,
MD4.3(GUC),After GUC.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CGA2, AZU, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

MG3.1(JMA), Error ellipse: s-maj=85.0km s-min=13.3km
az=165.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OIT2, JKI, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



ISCJB 19 07:25:41.7,0.7,3263N,005:1402E,0.1,h139km,4km, mb3.6/8, Error ellipse: s-maj=14.8km s-min=8.8km az=179.9

IDC 19 07:25:42.0,4.0,3257N,14014E,h131km,9km,mb3.5/8, mb1 3.7/8,mb1mx3.5/18,mbtmp3.5/8, Error ellipse: s-maj=38.4km s-min=12.8km az=74.0

JMA 19 07:25:43.2,0.2,3269N,14026E,h134km,2km,M3.5 NEIC 19 07:25:43.2,3269N,14026E,h134km,MG3.5(JMA),After JMA.

ISC 19 07:25:43.0,0.7,3264N,005:1402E,0.1,h136km,4km,n23,+0562/33,mb3.6/8,Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like JHU2 Mitsune, JHU3 Hachijo jima 2, JHU4 Alice Springs, etc.

CSEM 19 07:26:36.9,3807N,2036E,h5km,MD3.0/3,After ATH

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like VLS Valsamata, VLS Valsamata, LKD Levkas, etc.

IDC 19 07:31:50.6,2.5,582S,13036E,h0km,mb3.4/1,mb1 3.4/3, mb1mx3.9/12,mbtmp3.2/3,ML3.2,4/2, Error ellipse: s-maj=150.0km s-min=32.6km az=70.0,Banda Sea

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

ISCJB 19 07:35:33.6,0.7,691N,006:7299W,007,h171km,7km, Error ellipse: s-maj=13.3km s-min=6.9km az=39.2

FUNV 19 07:35:34.1,680N,7315W,h168km,MW3.4

IDC 19 07:35:36.9,6.8,673N,7573W,h133km,82km,mb3.3/1, mb1 3.6/2,mb1mx3.1/20,mbtmp3.5/2, Error ellipse: s-maj=180.0km s-min=36.4km az=81.0

ISC 19 07:35:36.7,690N,006:7298W,007,h165km,8km,n19,+f102/27,10D,Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like CAPV Capacho, CAPV El Rosal, ROSC El Rosal, etc.

KRSC 19 07:47:33.4,0.4,5597N,16150E,h100km,30km,ML3.9, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like KLY Klyuchi, SRKR Sorokina, KMNR Kamenistaya, etc.

CSEM 19 08:12:22.5,0.1,3838N,3893E,h13km,1km,MD2.5, Error ellipse: s-maj=3.2km s-min=2.0km az=153.0

ISK 19 08:12:22.7,3839N,3891E,h12km,MD2.9

ISCJB 19 08:12:23.9,0.6,3847N,005:3889E,0.04,h13km, Error ellipse: s-maj=7.6km s-min=3.9km az=150.2

DDA 19 08:12:23.7,3835N,3908E,h7km,3km,MD2.5

ISC 19 08:12:24.4,0.6,3840N,004:3892E,0.04,h2km,7km,n9,+f120/16,Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like ELZG Elazig, SVRC Sivrice-ELAZID, MALT Malatya, etc.

ISCJB 19 08:55:39.0,0.6,792N,004:7208W,0.03,h30km,4km, mb4.2/26, Error ellipse: s-maj=6.3km s-min=5.0km az=155.9

FUNV 19 08:55:40.3,801N,7209W,h5km,MW4.1

NEIC 19 08:55:43.3,1.2,806N,7195W,h48km,14km,mb4.3/1, Error ellipse: s-maj=15.2km s-min=10.4km az=90.0

IDC 19 08:55:43.7,2.5,799N,7196W,h50km,23km,mb3.8/11, Mb1 2.8/2,mb1mx2.5/26, Error ellipse: s-maj=15.9km s-min=13.5km az=96.0

ISC 19 08:55:40.1,0.6,796N,004:7211W,0.03,h24km,5km,n65,+081/73,mb4.2/26,1-C5D,Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like CAPV Capacho, CAPV El Vigia, SICOV Socops, etc.

ROSC 16nm,0.3s,baz=239,slow=22,SNR=4.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BAUV El Baul, JACV Jacura, TURV Turiano, etc.

GURV El Guano, 8.94 347 JP Pn 08 57 46.5 -1.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like GURV El Guano, RIOV Rio Grande, LUEV Luepa, etc.

ROSC 65nm,0.3s,baz=90,slow=19,SNR=22

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like VIGV El Vigia, SICOV Socops, ELOV Elorza, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like TORD Torodi Ar. Bea, MTLF Montleuque, CAF Calvez, etc.

KRSC 19 08:56:11.6,0.8,5275N,16036E,h11km,11km,ML3.9,Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like SPN Mys Shipunski, SPN Nalytchevo, NLC Nalytchevo, etc.

IDC 19 09:50:57.3,39.0,5820S,14769E,h0km,mb3.7/3, mb1 3.9/3,mb1mx3.8/11,mbtmp3.7/3,MS3.7/3,Ms1 3.7/3, ms1mx3.3/25, Error ellipse: s-maj=679.2km s-min=217.3km az=149.0,West of Macquarie Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Vnda Vanda, STKA Stephens Creek, ASAR Alice Springs, etc.

NEIC 19 10:01:38.3,1525N,9293W,h128km,MD4.0(MEX),After MEX

MEX 19 10:01:38.3,0.4,1525N,9293W,h128km,16km,MD4.0, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like CCIQ Comitan, CCIQ San Cristobal, SCX Matias Romero, etc.

ISCJB 19 10:02:53.6,0.5,6772N,003:1548E,007,h10km, Error ellipse: s-maj=4.9km s-min=2.6km az=138.3

CSEM 19 10:02:55.7,0.2,6785N,1458E,h15km,ML2.7, Error ellipse: s-maj=7.1km s-min=4.9km az=121.0

NEIC 19 10:02:55.0,0.7,6775N,1506E,h10km,ML2.8(NAO), ML2.8(BER), Error ellipse: s-maj=10.9km s-min=8.6km az=112.0

BER 19 10:02:55.9,4.4,6781N,1512E,h0km,13km,MD2.5,ML2.7, ML2.8(NAO)

HEL 19 10:02:55.4,0.1,6785N,1513E,h10km,1km,ML2.5, MD2.5(BER),ML2.7(BER)

IDC 19 10:02:55.4,1.4,6782N,1519E,h0km,mb1 3.2/4, mb1mx3.1/22,mbtmp3.2/4,ML2.8/4, Error ellipse: s-maj=18.6km s-min=6.5km az=125.0

NAO 19 10:02:56.9,1.7,6780N,1549E,ML2.8

ISC 19 10:02:54.1,0.3,6780N,102:1519E,005,h10km,n43,+f193/96,3C,Northern Norway

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

STOK	Stokkvaegen	1.71 211	eP	Pn	10 03 23.7	-0.2
STOK	SNR=50		eSg	Sg	10 03 48.7	-0.3
TRO	SNR=90	2.28 35	eP	Pg	10 03 35.5	-2.2
TRO	Tromso		eS	Pg	10 04 04.6	-2.6
KIF	Kilpisjärvi	2.40 57	eP	Pn	10 03 35.4	+2.1
KIF			eS	Pn	10 04 04.1	+1.4
KIF			eSg	Sg	10 04 10.0	-0.9
KIF	MSG				10 04 13.1	
HEF	comp=Z,16nm,0.1s					
HEF	Hetta	3.23 75	eP	Pn	10 03 46.7	+2.0
HEF			eS	Pn	10 04 25.9	+2.7
HEF			eSg	Sg	10 04 34.5	-3.1
HEF	MSG				10 04 45.2	
ARCES	ARCESS Array B	4.14 61	Pn	Pn	10 03 58.1	+0.8
ARCES			Pg	Pg	10 04 08.8	-4.5
ARCES			Sn	Sn	10 04 44.9	-0.8
ARCES			Lg	Pn	10 05 02.9	
ARCES	ARCESS Array B	4.14 61	Pn	Pn	10 03 58.1	+0.8
ARCES	comp=Z,0.4nm,0.3s,baz=248,slow=13,SNR=19		Pg	Pg	10 04 08.8	-4.5
ARCES	comp=Z,2.8nm,0.3s,baz=245,slow=12,SNR=38		Pg	Pg	10 04 44.9	-0.8
ARCES	comp=Z,1.3nm,0.3s,baz=246,slow=20,SNR=54		Lg	Pn	10 05 02.9	
ARCES	comp=Z,5.5nm,0.3s,baz=244,slow=27,SNR=51		Lg	Pn	10 05 02.9	
ARCES	ARCESS Array B	4.14 61	Pg	Pg	10 03 58.1	+0.8
ARAO	ARCESS Array S	4.15 61	Pn	Pn	10 04 07.9	+0.6
ARAO	baz=247,slow=14		Pg	Pg	10 04 09.5	-3.8
ARAO	baz=243,slow=16		Sn	Sn	10 04 46.2	+0.5
ARAO	baz=242,slow=18		Lg		10 05 01.7	
ARAO	baz=249,slow=28		Pn	Pn	10 03 58.1	+0.8
ARAO	ARCESS Array S	4.15 61	eP	Pg	10 04 09.1	-4.2
ARAO			eS	Pg	10 04 46.4	+0.7
ARAO	ARCESS Array S	4.15 61	Pg	Pg	10 04 09.5	-3.8
ARAO	SNR=90		Sn	Sn	10 04 46.2	+0.4
SGF	Sodankyl	4.35 90	eP	Pn	10 04 01.3	+1.2
SGF			eS	Pn	10 04 51.9	+1.1
SGF			eSg	Sg	10 05 10.2	-3.3
SGF	MSG				10 05 15.6	
KEV	comp=Z,11nm,0.2s					
KEV	Kevo	4.71 60	eP	Pn	10 04 06.9	+1.8
KEV			eS	Pn	10 04 59.9	+0.1
KEV			eSg	Sg	10 05 20.3	-4.9
KEV	MSG				10 05 21.9	
OUL	comp=Z,8.6nm,0.3s					
OUL	Oulu	5.09 117	eP	Pn	10 04 12.2	+1.9
OUL			eS	Pn	10 05 08.7	-0.3
OUL			eSg	Sg	10 05 32.8	-4.5
OUL	MSG				10 05 41.9	
VAF	comp=Z,4.7nm,0.2s					
VAF	Vilistaro	5.71 143	eP	Pn	10 04 20.8	+2.0
VAF			eS	Pn	10 05 23.7	-0.7
VAF			eSg	Sg	10 05 52.6	-4.6
VAF	MSG				10 05 56.3	
MSF	comp=Z,7.8nm,0.3s					
MSF	Maaselka	5.78 103	eP	Pn	10 04 20.7	+0.9
MSF			eS	Pn	10 05 25.5	-0.6
MSF			eSg	Sg	10 05 54.8	-4.6
MSF	MSG				10 06 00.9	
KU6	comp=Z,4.5nm,0.3s					
KU6	Rieikki	6.05 100	eP	Pn	10 04 23.9	+0.5
KU6			eS	Pn	10 05 32.8	+0.1
KU6			eSg	Sg	10 06 02.5	-5.5
KJN	Kajaani	6.33 120	eP	Pn	10 05 38.5	-1.1
KJN			eSg	Sg	10 06 12.2	-4.9
KJN	MSG				10 06 18.0	
SUF	comp=Z,3.3nm,0.3s					
SUF	Sumiainen	6.87 133	eP	Pn	10 04 36.2	+1.6
SUF			eS	Pn	10 05 02.0	-0.7
SUF			eSg	Sg	10 04 38.3	+2.0
KEF	Keuruu	6.99 140	eP	Pn	10 05 58.2	+0.6
KEF			eS	Pn	10 04 36.8	+0.1
NOA	NOARS Array B	7.01 196	Pn	Pn	10 04 36.8	+0.1
NOA	comp=Z,0.5nm,0.3s,baz=3.1,slow=13,SNR=2.8		Sn	Sn	10 05 54.6	-1.8
NOA	comp=Z,0.5nm,0.3s,baz=12,slow=15,SNR=3.1				10 06 32.5	
NOA	comp=Z,1.5nm,0.3s,baz=64,slow=6.5,SNR=5.7				10 04 43.1	+1.4
RAF	Rauma	7.38 154	eP	Pn	10 06 04.2	-1.1
RAF			eS	Pn	10 04 47.6	+1.0
HFS	Hagfors	7.74 186	Pn	Pn	10 06 12.8	-1.3
HFS	baz=8.5,slow=16		Sn	Sn	10 06 55.0	
HFS	baz=17,slow=28		Lg		10 06 55.0	
HFS	slow=28				10 04 47.6	+1.0
HFS	Hagfors	7.74 186	eP	Pn	10 06 12.8	-1.3
HFS			eS	Pn	10 06 55.0	
HFS			eSg	Sg	10 04 47.4	+0.8
HFS	Hagfors	7.74 186	Pn	Pn	10 06 13.4	-0.7
HFS	comp=Z,0.4nm,0.3s,baz=7.6,slow=12,SNR=17		Sn	Sn	10 06 55.4	
HFS	comp=Z,0.7nm,0.3s,baz=12,slow=21,SNR=9.9		Lg		10 04 49.6	+0.7
HFS	comp=Z,1.2nm,0.3s,baz=360,slow=27,SNR=6.7				10 06 16.3	-2.0
FIAO	FINESS Array S	7.91 139	eP	Pn	10 04 50.4	+1.5
FIAO			eS	Pn	10 06 16.8	-1.5
FIAO	FINESS Array S	7.91 139	Pn	Pn	10 04 50.4	+1.5
FIAO	baz=334,slow=14		Sn	Sn	10 06 58.5	
FIAO	baz=336,slow=28		Lg		10 04 50.4	+1.5
FIAO	baz=331,slow=28		Pn	Pn	10 06 16.8	-1.5
FIAO	FINESS Array S	7.91 139	Pn	Pn	10 04 50.7	+1.8
FIAO	SNR=50		Lg	Pn	10 06 16.2	-2.1
FIAO			Sn	Sn	10 04 50.7	+1.8
FINES	FINESS Array B	7.91 139	Pn	Pn	10 06 16.2	-2.1
FINES	comp=Z,0.2nm,0.3s,baz=334,slow=12,SNR=9.1		Sn	Sn	10 06 59.7	
FINES	comp=Z,0.5nm,0.3s,baz=329,slow=21,SNR=7.3		Lg		10 04 50.7	+1.8
FINES	comp=Z,0.6nm,0.3s,baz=331,slow=27,SNR=4.2		Pn	Pn	10 06 16.2	-2.1
FINES	FINESS Array B	7.91 139	Pn	Pn	10 04 54.4	-0.1
FINES			eS	Pn	10 06 25.6	-3.2
JOF	Joensuu	8.32 119	eP	Pn	10 06 25.6	-3.2
JOF			eS	Pn		

IDC 19 10:15:08.8±1.1, 1979N:121.39E, h0km, mb3.9/4,  
 mb1 4.0/6, mb1mx3.8/21, mbtmp3.9/6, ML3.3/2, MS3.4/1,  
 Ms1 3.4/1, ms1mx2.6/46, Error ellipse: s-maj=43.6km  
 s-min=20.5km az=81.0  
 ISCJB 19 10:15:14.6±1.4, 1992N:009.1216E:02, h57km, 16km,  
 mb3.8/4, Error ellipse: s-maj=30.3km s-min=13.0km  
 az=15.6  
 MAN 19 10:15:14, 1991N:121.55E, h97km, mb4.6, ML3.4, MS3.4  
 ISC 19 10:15:16.2±1.2, 1989N:009.1215E:02, h57km, 14km, n11,  
 c868/11, mb3.8/4, Philippine Islands region

ISCJB 19 10:38:32.2±0.3, 5693S:005.2497W:009, h10km,  
 mb5.2/35, MS4.9/156, Error ellipse: s-maj=8.5km  
 s-min=5.8km az=138.7  
 GCMT 19 10:38:33.7±0.2, 5693S:2437W, h16km, MW5.2/70,  
 Moment Tensor Solution. s1,c70; s70,c103; Duration:  
 1s0 Moment tensor: Scale 10<sup>17</sup>Nm; Mr,-0.39e-02;  
 Mth,-0.31e-02; Mtt,0.69e-02; Mtr,-0.30e-06; Mtr,-0.19e-01;  
 Mtt,0.51e-06; Best double couple: Mo,0.84000e+1017  
 NP1,az=23.0000°,δ31.0000°,λ,-38.0000°. NP2:  
 φs147.0000°,δ72.0000°,λ-115.0000°. Principal axes:  
 T 0.9640, Plg23.0000°, Azm256.0000°, W -0.2400,  
 Plg24.0000°, Azm155.0000°, P -0.7160, Plg56.0000°,  
 Azm24.0000°. nsta1 refers to body waves, cutoff=40s.  
 nsta2 refers to surface waves, cutoff=50s.  
 NEIC 19 10:38:33.7±0.1, 5690S:2496W, h10km, mb5.5/21,  
 MS4.9/128 Error ellipse: s-maj=6.9km s-min=5.7km  
 az=213.0  
 BUJ 19 10:38:33.7, 5690S:2500W, h10km, mb5.5, Ms5.5, Msz5.1  
 IDC 19 10:38:35.1±1.9, 5692S:2506W, h17km, mb5.0/23,  
 mb1 5.0/24, mb1mx4.0/26, mbtmp5.0/24, ML4.8/1, MS4.7/25,  
 Ms1 4.6/25, ms1mx4.6/29, Error ellipse: s-maj=13.5km  
 s-min=10.8km az=33.0  
 MOS 19 10:38:36.4±1.1, 5694S:2493W, h33km, mb5.7/10,  
 MS4.9/10, Error ellipse: s-maj=23.1km s-min=11.8km  
 az=100.0

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
HOPE	Hope Point	7.05 287	Op Pn	10 40 19.5	+2.2
VNA1	Neumayer-Stat	15.50 159	ePn Pn	10 42 12.8	+0.4
VNA1			e	10 42 16.8	
VNA1			e	10 42 21.7	
VNA1			e	10 42 28.7	
VNA1			e	10 47 15.1	
VNA1			e	10 47 23.6	
VNA1			e	10 50 57.3	
VNA1			e	10 51 00.0	
VNA1	Neumayer Olymp	15.73 162	ePn Pn	10 42 14.9	-0.5
VNA3			e	10 42 20.3	
VNA3			e	10 47 15.1	
VNA3			e	10 42 31.2	
VNA3			e	10 47 14.8	
VNA3			e	10 47 22.7	
VNA3			e	10 47 29.5	
VNA3			e	10 50 57.3	
VNA3			e	10 51 00.0	
VNA2	Neumayer-Watz	15.89 159	ePn Pn	10 42 17.8	+0.3
VNA2	baz=330,slow=16		e	10 42 22.8	
VNA2			e	10 42 35.2	
VNA2			e	10 47 15.4	
VNA2			e	10 47 24.0	
VNA2			e	10 47 30.1	
VNA2			e	10 50 57.5	
VNA2			e	10 51 00.2	
SNA4	Sanae	17.42 157	ePn Pn	10 42 35.4	-1.3
SNA4			e	10 42 39.2	
SNA4			e	10 42 44.4	
SNA4			e	10 42 53.0	
SNA4			e	10 47 14.9	
SNA4			e	10 47 23.3	
SNA4			e	10 47 30.0	
SNA4			e	10 50 57.8	
SNA4			e	10 51 00.6	
SNA4	Sanae	17.42 157	Pn Pn	10 42 36.8	+0.1
SNA4			LR	10 46 51.0	
SNA4			LR	10 51 01.9	+0.5
SNA4			Pn	10 42 36.8	+0.1
SNA4	comp=Z,556nm,20.1s,baz=322,slow=32		LR	10 48 01.3	
SNA4	comp=Z,556nm,20.1s,baz=322,slow=32		ScP	10 50 51.9	+0.5
SNA4	0.0nm,0.3s,baz=225,slow=13,SNR=3.0		Pn		
EFI	East Falkland	19.88 271	Pn Pn	10 43 05.5	-1.3
EFI	2um,0.7s,SNR=18		eP	10 43 05.1	-1.7
EFI	East Falkland	19.88 271	eP Pn	10 43 05.6	-1.2
EFI	223nm,0.7s		P	10 43 10.1	+0.9
PMSA	Palmer Station	20.26 231	P P	10 43 10.1	+0.9
PMSA	85nm,0.9s,baz=87,slow=7.5,SNR=12		LR	10 49 26.7	
MAIT	Maitri	20.80 146	eP P	10 43 14.0	-1.0
USHA	Ushuaia	24.16 256	eP P	10 43 49.8	-0.1
USHA	76nm,0.9s,mb5.2,baz=82,slow=11,SNR=19		LR	10 51 04.8	
USHA	comp=Z,3um,22.0s,MS4.8,baz=83,slow=31		LR	10 44 45.1	-1.6
SYO	Syowa Base	30.10 140	eP P	10 44 44.0	-3.3
SYO	Syowa Base	30.10 140	eP P	10 44 48.2	-1.5
TRQA	Tongatapu	30.81 292	eP P	10 44 48.2	-1.5
TRQA	18nm,0.6s,mb5.1		LR		
TRQA	comp=Z,940nm,20.0s,MS4.4				











Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like CTAO Charters Tower, CTAO Charters Tower, CNB Canberra Magne, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like TANN Tannenbergstha, TANN Novy Kostel, CONA Conrad Obersta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like SKHL 19 14:04:36.3, MOS 19 14:04:37.4, ISCJB 19 14:04:38.2, etc.



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

ISCJB 19 14:44:59.41.3, 4627N, 009.15334E, 0.09, h38km, 11km, mb3.9/13, Error ellipse: s-maj=15.9km s-min=7.9km az=149.5

MOS 19 14:44:59.8, 1.3, 4628N, 153.18E, h42km, mb4.2/10, Error ellipse: s-maj=13.2km s-min=9.5km az=80.6

IDC 19 14:05:05.3, 4.2, 4631N, 153.07E, h70km, 38km, mb3.6/13, mb1 3.0/4, mb1mx3.7/22, mbtmp3.7/14, ML3.8/1, MS3.2/2, Ms1 3.2/4, ms1mx2.7/31, Error ellipse: s-maj=22.7km s-min=18.2km az=135.0

ISC 19 14:45:01.7, 1.2, 4625N, 009.1534E, 0.1, h42km, 10km, n38, 0.126/39, mb3.9/13, 7C-1D, Kuril Islands

Main table for Kuril Islands section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUR Kuril'sk, KUR Severo-1900n's, SKR Severo-Kuril's, etc.

IDC 19 15:01:20.4, 0.8, 1374S, 6616E, h0km, mb4.1/9, mb1 4.2/10, mb1mx4.0/22, mbtmp4.1/10, ML4.6/1, MS3.8/6, Ms1 3.8/6, ms1mx3.6/26, Error ellipse: s-maj=29.1km s-min=18.2km az=11.0, Mid-Indian Ridge

Table for Mid-Indian Ridge section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OPO Ambohitratompo, KMBO Kilima Mbogo, etc.

Table for Malin Array Be section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AKASG Malin Array Be, DBIC Dimbokro, VNSA Vanda, etc.

ISCJB 19 15:06:10.8, 0.2, 4543N, 001.11206W, 0.02, h10km, Error ellipse: s-maj=2.1km s-min=1.9km az=141.8

NEIC 19 15:06:10.0, 4540N, 112.15W, h10km, ML2.5(BUT), After BUT

ISC 19 15:06:11.2, 0.2, 4542N, 001.11209W, 0.02, h10km, n47, 0.117/86, 29C-27, Montana

Main table for Montana section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DLMT Dillon, G15A Dillon, BOZ Bozeman (W), etc.

Table for IDC 19 15:15:58.7, 1.0, 1516S, 17387W, h0km, mb4.3/6, mb1 4.5/6, mb1mx4.1-15, mbtmp4.3/6, Error ellipse: s-maj=37.6km s-min=23.3km az=132.0, Tonga Islands

Table for Tonga Islands section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ Urewera, STKA Stephens Creek, WRA Warramunga Arr, etc.

IDC 19 15:27:49.4, 53.0, 1585S, 17267W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/1.6, mbtmp3.8/3, Error ellipse: s-maj=103.0km s-min=181.1km az=79.0, Samoa Islands region

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

LDG 19 15:58:22.1, 0.1, 1494S, 16706E, h10km, Mb4.8/4, Error ellipse: s-maj=18.3km s-min=2.9km az=87.0

BUL 19 15:58:24.6, 1500S, 16810E, h41km, mb4.9, mb4.7

ISCJB 19 15:58:26.5, 3.3, 1507S, 008.1681E, 0.1, h73km, 28km, mb4.2/20, Error ellipse: s-maj=20.7km s-min=13.9km az=17.4

NEIC 19 15:58:28.6, 2.4, 1498S, 16811E, h81km, 20km, mb4.4/9, Error ellipse: s-maj=18.3km s-min=12.2km az=82.0

IDC 19 15:58:30.3, 4.3, 1502S, 16806E, h95km, 37km, mb3.9/12, mb1 4.0/3, mb1mx4.0/17, mbtmp3.9/13, MS3.4/4, Ms1 3.4/4, ms1mx3.0/29, Error ellipse: s-maj=22.9km s-min=17.4km az=82.0

ISC 19 15:58:28.5, 2.5, 1506S, 008.1681E, 0.1, h76km, 21km, n46, 0.086/27, mb4.2/20, Vanuatu Islands

Main table for Vanuatu Islands section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR Honiara, HNR Honiara, EIDS Eidsvold, etc.

19d 16h

Table with columns: Code, Station Name, Az, El, S, N, P, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like FETA Feichten, MOTA Moosalm, DAVA Damuels, WATA Walderalm, etc.

2007 MAY

Table with columns: WILA, Wila, 1.18 281, P, Pg, 16 20 03.8 +2.2. Includes stations like SEST Monte Rota, SIBS Singen-Schiene, AFL Alpe Falaria, etc.

638

Table with columns: MMK, Coloredo, 2.19 118, P, Pn, Sg, 16 20 49.3 +0.9. Includes stations like COLI Coloredo, LKBD Leukerbad, ROBBS Robic, etc.









Table of astronomical observations for 19d 17h, listing stations like FCC, A07A, EDM, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2007 MAY, listing stations like MKAR, DDI, PSI, etc., with columns for station name, coordinates, and observation details.

IDC 19 17:11.82±.1, 3091N:14221E, h0km, mb3.6/6, mb1.3.8/10, mb1mx3.7/21, mbmp3.7/10, ML3.3/4, MS3.4/1, Ms1.3.4/1, ms1mx2.4/25, Error ellipse: s-maj=39.4km, s-min=17.1km az=78.0

ISCJB 19 17:11.20±.1, 3102N:006°14.23E±.01, h33km, 11km, mb3.8/8, Error ellipse: s-maj=19.1km s-min=7.7km az=159.9

NEIC 19 17:11.20±.7, 3095N:142.19E, h20km, 43km, mb4.2/2, Error ellipse: s-maj=22.7km s-min=13.3km az=84.0

JMA 19 17:11.24±.0, 3134N:142°47E, h122km, M3.1, ISC 19 17:11.23±.0, 3108N:007°14.2E±.01, h41km, 12km, n27, s1502/37, mb3.8, Southeast of Honshu

Table of astronomical observations for NEIC 19 17:11.23±.0, listing stations like BSO1, CBJ, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for NEIC 19 17:14.13±.9, listing stations like ZALV, MKAR, etc., with columns for station name, coordinates, and observation details.

NEIC 19 17:14.13±.9, 161.1N:97.54W, h16km, MD3.6(MEX), After MEX.

MEX 19 17:14.13±.1, 161.9N:97.52W, h13km, 13km, MD3.6, Oaxaca

Table of astronomical observations for MEX 19 17:14.13±.1, listing stations like PNIG, VHO, etc., with columns for station name, coordinates, and observation details.

CSEM 19 17:15.17±.0, 3903N:40.44E, h2km, MD2.9, Error ellipse: s-maj=2.9km s-min=1.9km az=138.0

ISK 19 17:15.18±.7, 3904N:40.43E, h13km, ML3.1, ISCJB 19 17:15.19±.0, 3901N:00°40.1E±.004, h8km, 7km, Error ellipse: s-maj=7.4km s-min=4.8km az=153.9

DDA 19 17:15.19±.1, 3901N:40.40E, h7km, 4km, MD2.9, ISC 19 17:15.20±.0, 3903N:00°40.4E±.004, h14km, 6km, n13, s1905/20, 1C, Turkey

Table of astronomical observations for ISC 19 17:15.20±.0, listing stations like BNGL, BNLG, etc., with columns for station name, coordinates, and observation details.

NEIC 19 17:27.40±.4, 3889S:17505E, h224km, MG4.0(WEL), After WEL.

WEL 19 17:27.40±.0, 3889S:17505E, h224km, 3km, ML3.9/16, Error ellipse: s-maj=6.1km s-min=3.9km az=90.0, North Island

Table of astronomical observations for WEL 19 17:27.40±.0, listing stations like VRZ, TWZ, etc., with columns for station name, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PLWZ, QRZ, YMR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IMW, TPAW, YMR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KAPI, FITZ, WRA, etc.

ISCJB 19 17:28:17.8-0.9, 20N:01.9907E:009, h144km, 6km, mb3.8/16, Error ellipse: s-maj=19.1km s-min=12.5km az=39.7

ISCJB 19 17:28:18.7-0.7, 200N-9922E, h138km, 3km, mb3.7/10, mb1.3/8.0, mb1mx3.6/19, mbtmp3.7/10, Error ellipse: s-maj=25.0km s-min=13.9km az=58.0

NEIC 19 17:28:19.4-1.0, 198N-9906E, h145km, 8km, mb3.9/5, Error ellipse: s-maj=15.4km s-min=9.4km az=221.0

ISC 19 17:28:18.9-0.9, 20N:01.9908E:009, h140km, 6km, n26, s0593/25, mb3.8/16, 1D, Northern Sumatera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PSI, TSI, KULM, etc.

NEIC 19 18:28:54.0, 1566N-9282W, h158km, 7D.1 (MEX), After MEX 19 18:28:54.0-0.7, 1565N-9282W, h158km, 16km, MD4.2, Mexico-Guatemala border region

ISC 19 18:43:30.0-2.5, 174N-9968E, h159km, 28km, mb3.0/3, mb1.3/2.3, mb1mx2.9/20, mbtmp3.0/3, Error ellipse: s-maj=259.9km s-min=25.1km az=55.0, Northern Sumatera

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CCIG, SCX, CMIG, etc.

ISC 19 18:46:41.3-0.5, 579S:009-254W:02, h10km, mb4.3/11, MS3.7/2, Error ellipse: s-maj=20.0km s-min=10.8km az=159.3

ISC 19 18:46:41.1-0.6, 579S:2524W, h0km, mb4.3/8, mb1.4/4.9, mb1mx4.2/18, mbtmp4.3/9, ML4.2/1, MS3.4/3, Ms1.3/4.3, ms1mx3.1/17, Error ellipse: s-maj=28.3km s-min=17.6km az=79.0

NEIC 19 18:46:48.0-2.6, 579S:2538W, h51km, 23km, mb4.4/8, Error ellipse: s-maj=16.4km s-min=9.7km az=62.0

ISC 19 18:46:43.1-0.5, 579S:009-253W:02, h10km, n32, s085/21, mb4.3/11, MS3.7/2, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SNA, GSPA, PLCA, etc.

ISCJB 19 17:38:54.8-1.1, 1284N:009-1448E:02, h87km, 9km, mb3.5/8, Error ellipse: s-maj=30.2km s-min=15.4km az=1.5

NEIC 19 17:38:55.9-1.0, 1284N:14484E, h82km, 9km, mb4.4/1, Error ellipse: s-maj=18.8km s-min=10.0km az=93.0

ISC 19 17:38:55.7-1.1, 1290N:14489E, h80km, 8km, mb3.3/8, mb1.3/4.8, mb1mx3.4/19, mbtmp3.8/8, Error ellipse: s-maj=41.1km s-min=16.0km az=86.0

ISC 19 17:38:55.9-1.1, 1285N:009-1448E:02, h82km, 9km, n13, s0556/14, mb3.5/8, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GUMO, JUM, GUM, etc.

ISC 19 18:16:27.5-0.6, 4363N:006-10504W:006, h0km, Error ellipse: s-maj=16.0km s-min=5.5km az=163.1

NEIC 19 18:16:29.0-0.5, 4376N:10515W, h0km, ML3.3, Error ellipse: s-maj=7.8km s-min=5.4km az=178.0, Suspected Mining explosion

NEIC 65 km [40 miles] SSE of Gillette. ISC 19 18:17:01.1-2.3, 4642N:104.17W, h0km, mb1.3/6.3, mb1mx3.3/24, mbtmp3.3/3, ML3.0/3, Error ellipse: s-maj=42.3km s-min=15.6km az=116.0

ISC 19 18:16:30.0-0.5, 4371N:005-10514W:005, h0km, n32, s103/33, Wyoming

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like RSSD, BW06, BW06, etc.

THE 19 19:14:22.9, 3805N:2169E, h3km, ML3.2, ISCJB 19 19:14:23.0-0.8, 381N:004-2163E:004, h4km, 5km, Error ellipse: s-maj=6.5km s-min=4.6km az=146.9

CSEM 19 19:14:24.0-0.2, 3815N:2170E, h5km, MD3.3, Error ellipse: s-maj=4.8km s-min=3.8km az=157.0

ATH 19 19:14:24.6, 3823N:2162E, h16km, 3km, MD3.3/4, NEIC 19 19:14:24.6, 3823N:2162E, h16km, MD3.3 (ATH), After ATH

ISC 19 19:14:24.0-0.8, 3817N:004-2164E:004, h9km, 5km, n16, s1932/29, Greece

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like EVR, VLS, VLS, etc.

WEL 19 19:12:41.0-0.5, 3888S-17517E, h213km, 4km, ML3.5/12, Error ellipse: s-maj=4.7km s-min=3.5km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WPVZ, FWVZ, MOVZ, etc.

ISC 20 03:33.4-60.0, 2021S-17681W, h0km, mb3.9/3, mb1.4/1.3, mb1mx3.7/14, mbtmp3.9/3, Error ellipse: s-maj=1118.0km s-min=158.5km az=83.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like STKA, ASAR, WRA, etc.

KRSC 19 20:32:19.7-0.9, 5276N-16066E, h17km, 17km, ML3.5, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SPN, NLC, NLC, etc.

SZGRF 19 20:54:07.9, 1860S:17756W, h33km, Fiji Islands region, NEIC 19 20:55:06.8-0.7, 1790S-17862W, h536km, 8km, mb4.6/46, Error ellipse: s-maj=8.0km s-min=4.2km az=140.0

B/JJ 19 20:55:06.8, 1790S:17860W, h546km, mb4.6, mb4.4, MOS 19 20:55:06.8, 1.1, 1770S-17873W, h538km, mb6/22, Error ellipse: s-maj=13.0km s-min=9.0km az=47.6

ISCJB 19 20:55:06.3-1.0, 1787S:005-17876W:004, h536km, 12km, mb4.5/70, Error ellipse: s-maj=8.4km s-min=4.7km az=149.6

ISC 19 20:55:10.2-1.5, 1785S:17874W, h570km, 17km, mb4.1/18, mb1.4/2.18, mb1mx4.2/21, mbtmp4.1/18, Error ellipse: s-maj=12.7km s-min=8.2km az=146.0

ISC 19 20:55:07.6-0.9, 1790S:005-17871W:004, h540km, 10km, n529, s0971/433, mb4.5/70, 141C-132D, Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like AF1 Afiamalu, CMB Columbia Colle, EDW2 Edwards Air Fo, MONP Monument Peak, etc.



Table with columns: ID, Name, Az, El, Az-1, El-1, Az-2, El-2, Az-3, El-3, Az-4, El-4, Az-5, El-5, Az-6, El-6, Az-7, El-7, Az-8, El-8, Az-9, El-9, Az-10, El-10, Az-11, El-11, Az-12, El-12, Az-13, El-13, Az-14, El-14, Az-15, El-15, Az-16, El-16, Az-17, El-17, Az-18, El-18, Az-19, El-19, Az-20, El-20. Includes entries like F06A Goldendale, H07A Lands Inn, Q12A Willow Creek, etc.

Table with columns: ID, Name, Az, El, Az-1, El-1, Az-2, El-2, Az-3, El-3, Az-4, El-4, Az-5, El-5, Az-6, El-6, Az-7, El-7, Az-8, El-8, Az-9, El-9, Az-10, El-10, Az-11, El-11, Az-12, El-12, Az-13, El-13, Az-14, El-14, Az-15, El-15, Az-16, El-16, Az-17, El-17, Az-18, El-18, Az-19, El-19, Az-20, El-20. Includes entries like C09A Chrisman Ranch, SKAG Skagway, HLID Hailey, etc.

Table with columns: ID, Name, Az, El, Az-1, El-1, Az-2, El-2, Az-3, El-3, Az-4, El-4, Az-5, El-5, Az-6, El-6, Az-7, El-7, Az-8, El-8, Az-9, El-9, Az-10, El-10, Az-11, El-11, Az-12, El-12, Az-13, El-13, Az-14, El-14, Az-15, El-15, Az-16, El-16, Az-17, El-17, Az-18, El-18, Az-19, El-19, Az-20, El-20. Includes entries like RSSD Black Hills, RSSD Black Hills, INK Inuvik, etc.

ISC 19 21: 17.05.8: 1.2, 3437N-2361E, h0km, mb3.7/8, mb1.3/7.11, mb1mx3.6/26, mbtmp3.6/11, ML3.8/3, Error ellipse: s-maj=24.8km s-min=20.5km az=3.0
ISCJB 19 21: 18.10.6: 1.2, 3426N-008.234E±0.08, h64km±10km, mb3.5/8, Error ellipse: s-maj=15.4km s-min=9.6km az=32.6
CSEM 19 21: 11.4: 0.1, 3453N-2346E, h60km, MD3.5/1, Error





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

IDC 19 23:45:19.5:52.0, 18465-17531W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.7/1.4, mbtimp3.9/3, Error ellipse: s-maj=982.6km s-min=181.7km az=81.0, Tonga Islands

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

ISCJB 19 23:49:15.9:0.4, 3785N-003:3802E:003, h2km, Error ellipse: s-maj=4.4km s-min=3.0km az=148.4

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

ISCJB 19 23:49:15.9:0.4, 3785N-003:3802E:003, h2km, Error ellipse: s-maj=4.4km s-min=3.0km az=148.4

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

IDC 19 23:50:26.6:0.9, 2585N-14505W, h0km, mb3.8/8, mb1 3.9/8, mb1mx3.6/2.5, mbtimp3.8/8, Error ellipse: s-maj=35.0km s-min=20.6km az=118.0, Northern Mid-Atlantic Ridge

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

NEIC 19 23:56:39.2:0.9, 122N-12584E, h35km, mb3.9/1, Error ellipse: s-maj=21.5km s-min=14.2km az=64.0

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

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

ISCJB 20 00:04:11.8:1.0, 3914N-003:4104E:008, h7km, 11km, Error ellipse: s-maj=10.3km s-min=5.1km az=165.0

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

MEX 20 00:34:51.6:1.0, 1635N-10031W, h16km, 437km, MD3.6, Near coast of Guerrero

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

NEIC 20 00:47:51.7, 3248S-7190W, h32km, ML3.0(GUC), After GUC

GUC 20 00:47:51.7:0.7, 3248S-7190W, h32km, 3km, MD3.7, ML3.0, 3C-1D, Near coast of central Chile

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

CSEM 20 00:53:52.0:0.4, 3961N-4111E, h12km, MD3.0, Error ellipse: s-maj=11.2km s-min=8.2km az=149.0

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

CSEM 20 01:05:06.4, 3929N-1974E, h17km, MD3.5(ATH), Error ellipse: s-maj=5.7km s-min=4.7km az=25.6

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

IDC 20 01:52:54.3:10.0, 2898S-17937W, h322km, 72km, mb3.0/3, mb1 3.3/4, mb1mx3.1/1.4, mbtimp3.2/4, Error ellipse: s-maj=100.9km s-min=23.0km az=45.0, Kermadec Islands region

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

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

IDC 20 01:22:26.1:2.8, 8150N-395W, h0km, mb3.6/6, mb1 3.9/7, mb1mx3.6/2.2, mbtimp3.7/7, ML3.3/1, MS3.4/4, Ms1 3.3/4, ms1mx2.9/2.9, Error ellipse: s-maj=54.0km s-min=29.6km az=120.0

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

NEIC 20 01:22:29.7:1.4, 8135N-201W, h10km, Error ellipse: s-maj=20.0km s-min=18.5km az=101.0

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

NEIC 20 01:52:54.3:10.0, 2898S-17937W, h322km, 72km, mb3.0/3, mb1 3.3/4, mb1mx3.1/1.4, mbtimp3.2/4, Error ellipse: s-maj=100.9km s-min=23.0km az=45.0, Kermadec Islands region

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

IDC 20 01:52:54.3:10.0, 2898S-17937W, h322km, 72km, mb3.0/3, mb1 3.3/4, mb1mx3.1/1.4, mbtimp3.2/4, Error ellipse: s-maj=100.9km s-min=23.0km az=45.0, Kermadec Islands region

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





20d 3h

Table with columns for station name, frequency, power, and status. Includes stations like TPWA, MOOV, MOOV, Kaiser Creek, etc.

2007 MAY

Table with columns for station name, frequency, power, and status. Includes stations like LTIM, G11A, L05A, BMO, etc.

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Table with columns for station name, frequency, power, and status. Includes stations like MK31, MK31, MKAR, MKAR, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM Sogino Array, CDF Champ du Feu, TOAD Torodi Arr. Sit, etc.

ISCJB 20 03:18:38.2, 0.8, 23875.0, 0.06, 17983E, 0.04, h528km, 1.0km, mb4.5/2, Error ellipse: s-maj=9.5km s-min=5.0km az=165.7

NEIC 20 03:18:39.6, 0.7, 23805.1, 17987E, h537km, 7km, mb4.5/3/4, Error ellipse: s-maj=7.7km s-min=4.9km az=168.0

BUI 20 03:18:39.5, 23805.1, 17990E, h537km, mb4.9, mb4.6, IDC 20 03:18:39.3, 1.1, 23815.1, 17982E, h528km, 1.0km, mb4.0/1/4, mb1.4/2/14, mb1mx4.2/15, mbtmp4.0/14, Error ellipse: s-maj=11.7km s-min=10.7km az=4.0

MOS 20 03:18:45.9, 1.1, 21995.1, 17832E, h502km, mb4.5/3, Error ellipse: s-maj=25.2km az=116.0

ISC 20 03:18:39.4, 0.9, 23905.0, 0.07, 17986E, 0.04, h531km, 1.0km, h538km, 3.0km, p-P, n321, c0568/254, mb4.5/2, 85C-87D, South of Fiji Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, URZ Urewera, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSI Prapat, WHN Wuhau, MONP Monument Peak, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like V13A Grand Canyon W, X14A Yava, K06A Valley Falls, etc.





Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CGA2 Cerro Gallo 2, PRS1 Puriscal, LCR2 La Lucha 2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TEIG Tepich, ROSC El Rosal, JCT Junction City, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GOGA Godfrey, TXAR Lajitas Array, MIAR Mount Ida, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ATAH Atahualpa, SJG San Juan, WMOK Wichita MOUNTA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PCRV Puerto La Cruz, MNXT Cornudas Mount, CCM Cathedral Cave, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RSSD Black Hills, NVAR Mina Array Bea, ULM Lac du Bonnet, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EDM Eagleton, SCHQ Schefferville, YKA Yellowknife Ar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TORD Torodi Ar. Bea, WKAR Makanchi Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include URZ Urewera, CTA Charters Tower, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MJAR Matsushiro Arr, AKASG Malin Array Be, GERES GERES Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include NEIC 20 08:24:36.5, 34.04S, 72.12W, h46km, MD3.3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GUC 20 08:24:36.5, 0.7, 34.04S, 72.12W, h46km, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LNV Longovile, TACH Talagante, SFDO San Fernando, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PVCP Virac, CNOX Catarman, BOAC Boac, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PPOP Polillo Island, PTPP Odiongan, BALP Baier, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CSEM 20 08:49:18.7, 0.1, 39.54N, 27.05E, h10km, MD2.9, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AYVA Ayvalik, BALB Balikesir, BALB Tokmak, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BOZC Bozcaada, AKHS Akhisar, AKS Akhisar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BNT Bandirma, GADA Givgigade, MIRMT Marmer Adasi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include URLA Uzunlar, ENL Enez, KULA Kula-Manisa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include IZI Iznik, VLV Yalova, EDRB Edirne, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include FUNV 20 09:06:14.9, 6.77N, 73.19W, h170km, MW4.0, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include NEIC 20 09:06:15.7, 0.8, 6.74N, 72.93W, h165km, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ISC 20 09:06:16.1, 0.5, 6.80N, 0.05S, 72.92W, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CAPV Capacho, ROSC El Rosal, SOCV Socops, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RROC Villa del Rosa, ELOV Elorza, ELUV Elorza, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include QARV Quebrada Arrib, SANV Sanarito, CURV Cururiga, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DABV Dabajuro, TEPV Teprealma, SIQUV Siquisique, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CMER Merouana, CKHR Kef el Ahmar, CEFJ Djebel Teioual, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EBNR Beni Rached, ECHA Ech Chief, ECHJ Ech Chief, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ETOS Mallorea, ETOS Mallorea, ETOS Mallorea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EIBI Ibiza, EIBI Ibiza, EIBI Ibiza, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EBEN Beniarda, EBEN Beniarda, EBEN Beniarda, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EMUR La Murta, EMUR La Murta, EMUR La Murta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ETOB Tobarra, ETOB Tobarra, ETOB Tobarra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ENJ Nijar, ENJ Nijar, ENJ Nijar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EPOB Poblet, EPOB Poblet, EPOB Poblet, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EMOS Mosqueruela, EMOS Mosqueruela, EMOS Mosqueruela, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ERTA Horta San J, ERTA Horta San J, ERTA Horta San J, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EHUE Huescar, EHUE Huescar, EHUE Huescar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EVIA Vianos, EVIA Vianos, EVIA Vianos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EQES Ouedaa, EQES Ouedaa, EQES Ouedaa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ECAL Calabor, ECAL Calabor, ECAL Calabor, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EBNR Beni Rached, ECHA Ech Chief, ECHJ Ech Chief, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ETOS Mallorea, ETOS Mallorea, ETOS Mallorea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EIBI Ibiza, EIBI Ibiza, EIBI Ibiza, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EBEN Beniarda, EBEN Beniarda, EBEN Beniarda, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EMUR La Murta, EMUR La Murta, EMUR La Murta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ETOB Tobarra, ETOB Tobarra, ETOB Tobarra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ENJ Nijar, ENJ Nijar, ENJ Nijar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EPOB Poblet, EPOB Poblet, EPOB Poblet, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EMOS Mosqueruela, EMOS Mosqueruela, EMOS Mosqueruela, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ERTA Horta San J, ERTA Horta San J, ERTA Horta San J, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EHUE Huescar, EHUE Huescar, EHUE Huescar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EVIA Vianos, EVIA Vianos, EVIA Vianos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EQES Ouedaa, EQES Ouedaa, EQES Ouedaa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ECAL Calabor, ECAL Calabor, ECAL Calabor, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EBNR Beni Rached, ECHA Ech Chief, ECHJ Ech Chief, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ETOS Mallorea, ETOS Mallorea, ETOS Mallorea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EIBI Ibiza, EIBI Ibiza, EIBI Ibiza, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EBEN Beniarda, EBEN Beniarda, EBEN Beniarda, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EMUR La Murta, EMUR La Murta, EMUR La Murta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ETOB Tobarra, ETOB Tobarra, ETOB Tobarra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ENJ Nijar, ENJ Nijar, ENJ Nijar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EPOB Poblet, EPOB Poblet, EPOB Poblet, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EMOS Mosqueruela, EMOS Mosqueruela, EMOS Mosqueruela, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ERTA Horta San J, ERTA Horta San J, ERTA Horta San J, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EHUE Huescar, EHUE Huescar, EHUE Huescar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EVIA Vianos, EVIA Vianos, EVIA Vianos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include EQES Ouedaa, EQES Ouedaa, EQES Ouedaa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ECAL Calabor, ECAL Calabor, ECAL Calabor, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Sam W. Stewart, Carrizo Plain, Cook Ranch, Yuhua Desert, Desert V Tower, etc.

ISCJB 20 09:44:49.6, 0.4097N, 0.0044835E, 0.04, h2km, 7km, Error ellipse: s-maj=7.7km s-min=5.1km az=22.4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PQL, SIZA, SIZR, KSMR, SEKA, etc.

NEIC 20 10:06:45.3, 3281S, 7123W, h54km, MD3.7(GUC), After GUC

GUC 20 10:06:45.3, 0.7, 3281S, 7123W, h54km, 5km, MD3.7, ML3.0, 10C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IHA, IHA, PEL, PEL, SAN, SAN, etc.

IDC 20 10:08:21.7, 0.8, 4627N, 15558E, h0km, mb3.6/8, mb1.3/9, mb1mx3.8/21, mbtmp3.7/9, ML3.7/1, MS2.5/1, Ms1.2.5/1, ms1mx2.0/27, Error ellipse: s-maj=28.8km s-min=19.7km az=147.0

ISCJB 20 10:08:24.6, 0.7, 463N, 0.2, 1553E, 0.2, h33km, mb3.7/8, Error ellipse: s-maj=25.3km s-min=15.1km az=154.6

MOS 20 10:08:24.5, 1.7, 4653N, 15518E, h33km, mb4.1/4, Error ellipse: s-maj=36.6km s-min=21.1km az=75.8

ISC 20 10:08:27.1, 0.7, 463N, 0.2, 1554E, 0.2, h35km, n15, r15/10/15, mb3.7/8, East of Kuril Islands

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

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

BER 20 10:19:15.3, 1.1, 7058N, 773W, h10km, MD3.5, Jan Mayen Island region

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

GRAL 20 10:22:08.2, 0.4, 3349N, 3652E, h29km, 20km, MD2.8

ISCJB 20 10:22:11.8, 1.7, 3375N, 0.005, 354E, 0.1, h0km, Error ellipse: s-maj=13.4km s-min=6.6km az=18.1

GII 20 10:22:11.3, 0.0, 3376N, 3547E, h0km, ML 1.9/1

ISC 20 10:22:12.2, 1.8, 3375N, 0.005, 353E, 0.1, h0km, n5, r15/04/9, Jordan - Syria region

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

IDC 20 10:31:04.1, 6.8, 1859S, 16684E, h0km, mb3.6/2, mb1.3/9, mb1mx3.5/12, mbtmp3.6/2, Error ellipse: s-maj=291.0km s-min=98.4km az=155.0, Vanuatu Islands region

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

BJI 20 10:43:49.4, 2131N, 14434E, h60km, mb4.9, mb4.7, Ms4.5, Ms2.4

MOS 20 10:43:55.3, 0.7, 2184N, 14303E, h31km, mb4.8/21, Error ellipse: s-maj=16.3km s-min=8.8km az=97.4

ISCJB 20 10:43:56.3, 1.6, 2180N, 0.006, 14307E, 0.04, h34km, 14km, mb4.6/55, MS3.8/15, Error ellipse: s-maj=9.6km s-min=6.6km az=14.9

NEIC 20 10:44:03.4, 1.7, 2179N, 14314E, h89km, 15km, mb4.6/33, Error ellipse: s-maj=8.3km s-min=5.6km az=100.0

IDC 20 10:44:06.3, 6.5, 2177N, 14307E, h115km, 60km, mb3.8/11, mb1.3/9, 12, mb1mx3.9/22, mbtmp3.7/12, MS3.6/15, Ms1.3.6/15, ms1mx3.4/43, Error ellipse: s-maj=29.9km s-min=12.8km az=87.0

ISC 20 10:44:01.2, 3.1, 2179N, 0.005, 14313E, 0.04, h64km, 11km, h65km, 1.6km, pp-P, n210, r0669/205, mb4.6/55, 49C-50D, Mariana Islands region

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

ASAJ Asahikawa 22.28 359 LR 10 58 17.4

NJ2 Nanjing 23.89 300 eP 10 49 11.0 +2.0

NJ2 Nanjing 23.89 300 eP 10 49 32.0 0.0

NJ2 Nanjing 23.89 300 eP 10 49 56.9

NJ2 Nanjing 23.89 300 eP 10 53 21.0 +0.3

NJ2 Nanjing 23.89 300 eP 10 49 32.0 0.0

NJ2 Nanjing 23.89 300 eP 10 49 56.9

NJ2 Nanjing 23.89 300 eP 10 53 21.0 +0.3

NJ2 Nanjing 23.89 300 eP 10 49 32.0 0.0

NJ2 Nanjing 23.89 300 eP 10 49 56.9

NJ2 Nanjing 23.89 300 eP 10 53 21.0 +0.3

NJ2 Nanjing 23.89 300 eP 10 49 32.0 0.0

NJ2 Nanjing 23.89 300 eP 10 49 56.9

NJ2 Nanjing 23.89 300 eP 10 53 21.0 +0.3

NJ2 Nanjing 23.89 300 eP 10 49 32.0 0.0

NJ2 Nanjing 23.89 300 eP 10 49 56.9

NJ2 Nanjing 23.89 300 eP 10 53 21.0 +0.3



20d 11h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LZH, KMI, MA2, ULN, SONM, etc.

2007 MAY

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MOD, M06C, J07A, B11A, K07A, etc.

656

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PFO, HWUT, BELC, S13A, MONP, etc.

ISCJB 20 10:44:19.9s:1.5, 3032N:005s:3594E:009, h11km, 11km, Error ellipse: s-maj=13.9km s-min=6.5km az=21.9

SGS 20 10:44:19.9s:1.5, 3034N:3566E, h0km, ML2.5/6

ISC 20 10:44:19.9s:1.5, 3027N:003:3601E:006, h0km, n11, c096/17, Dead Sea region

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZFRI, PRNI, HRFI, etc.

ISCJB 20 11:06:18.4s:1.6, 3648N:004s:14254E:007, h21km, 13km, mb4.0/2, Error ellipse: s-maj=10.1km s-min=6.5km az=8.3

JMA 20 11:06:18.9s:0.2, 3646N:14255E, h87km, M3.2

IDC 20 11:06:21.8s:1.5, 3683N:14220E, h0km, mb3.9/4, mb1.3/8.7, mb1mx3.7/22, mbtmpr3.8/7, ML3.5/2, Error ellipse: s-maj=37.6km s-min=20.1km az=72.0

ISC 20 11:06:19.7s:2.1, 3648N:004:14254E:009, h23km, 21km, n18, c081/26, mb4.0/2, Off east coast of Honshu

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ONAJ, CHOU, JHO, etc.





Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for Guam, Kunigami, Natsukesu, etc.

ISC 20 11:36:39.0±0.6, 3406N, 7248E, h0km, mb4.2/19, mb1 4.4/22, mb1mx3.2/26, mbtmp4.2/22, ML4.2/3, MS3.3/5, Ms1 3.3/5, ms1mx3.0/37, Error ellipse: s-maj=17.4km s-min=12.7km az=31.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for Cherat, Chirah Chowk, SRNI, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for LGTI, Uchtor, UCH, UCH, TKM2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for ESDC, BILL, BILL, BILL, etc.

NSSP 20 11:48:54.5, 3928N, 44.18E, h5km, ML3.6 TIF 20 11:48:55.8, 3915N, 44.18E, h12km, 3km CSEM 20 11:48:59.0, 0.1, 3939N, 44.18E, h2km, MD3.7, Error ellipse: s-maj=2.6km s-min=1.6km az=104.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for CLDR, CLDR, DYDN, DYDN, etc.

ISC 20 12:04:46.7, 3937N, 44.23E, h5km, ML2.8 CSEM 20 12:04:47.4, 0.8, 3942N, 44.17E, h5km, MD3.1, Error ellipse: s-maj=16.0km s-min=8.1km az=72.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for CLDR, CLDR, DYDN, DYDN, etc.

ISC 20 12:15:43.2, 3936N, 44.03E, h5km, ML3.2 DDA 20 12:15:44.7, 0.9, 3939N, 43.95E, h7km, ML3, MD3.2 CSEM 20 12:15:44.0, 0.2, 3936N, 43.95E, h5km, MD3.2, Error ellipse: s-maj=7.0km s-min=2.4km az=69.0, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for CLDR, CLDR, CLDR, DYDN, etc.

Table with columns: DGRG, MTA, TBLG, GOR, ONI, etc. and values for David-gareji, Mtsaminda, Delisi, Gori, etc.

LDG 20 12:15:39.7+0.2, 2909Sx71.14W, h10km, Mb5.5/28, Ms4.6/10, Error ellipse: s-maj=19.4km s-min=10.5km az=116.0

MOS 20 12:15:42.3+1.0, 2946Sx71.10W, h32km, mb5.7/38, MS4.6/9, Error ellipse: s-maj=9.7km s-min=5.5km az=93.3

BUI 20 12:15:43.4, 2935Sx71.82W, h42km, mb5.1, Ms5.4, Msz5.2

ISCJB 20 12:15:43.8+0.1, 2957Sx0.02x71.07W, h0.03, h46km, mb5.3/113, MS4.7/26, Error ellipse: s-maj=4.1km s-min=3.0km az=164.9

GUC 20 12:15:44.5+0.5, 2961Sx71.14W, h51km, 3km, ML5.4

IDC 20 12:15:45.0+0.5, 2957Sx71.15W, h45km, 4km, mb5.0/23, mb1.5/0.26, mb1mx0.0/27, mbtmp4.9/26, MS4.6/17, Ms1.4/6/17, ms1mx4.4/26, Error ellipse: s-maj=14.3km s-min=9.6km az=88.0

GCMT 20 12:15:45.0+0.2, 2954Sx71.55W, h47km, MW5.3/75, Duration: 151 Moment tensor: Scale 10^17Nm; M=0.96x10^17, M=0.16x10^17, M=0.12x10^17, M=0.26x10^17, M=0.10x10^17, M=0.28x10^17; Best double couple: lambda1.11900x10^17 NP1.0x21.00000, lambda2.00000, lambda3.00000

NEIC 20 12:15:45.0+0.1, 2959Sx71.12W, mb5.4/107, MW5.4 Error ellipse: s-maj=4.3km s-min=3.0km az=73.0, Moment Tensor Solution. s24 Moment tensor: Scale 10^17Nm; M=1.18, M=0.021, M=0.138, M=0.044, M=0.272, M=0.41; Best double couple: lambda1.40000x10^17 NP1.0x9.00000, lambda2.00000, lambda3.11900x10^17 NP2.0x154.00000, lambda3.00000, lambda4.00000

NEIC Felt [IV] at Coquimbo, La Serena, Paiguano and Vicuna; [III] at Copiapo, Hurtado and Tierra Amarilla; [II] at Illapel, La Ligua, Los Vilos, Papudo, Puchuncavi, Salamanca, Valparaiso and Vina del Mar

ISC 20 12:15:45.6+0.1, 2959Sx0.02x71.06W, h0.03, h48km, mb4.8km, 9km; p-P, n76.0, e67/542, mb5.3/112, MS4.7/26, 144C-139D, Near coast of central Chile

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. listing various seismic stations and their coordinates.

Main table with columns: ROSC, PMSA, BCIP, PCRV, RCBR, etc. listing seismic events with details like magnitude, location, and time.

Main table with columns: 216A, ANMO, 117A, Z18A, AAM, LIC, etc. listing seismic events with details like magnitude, location, and time.



WALA	Waterton Lakes	87.13 333	eP	P	12 28 25.4	-0.6	EPF	Esparrros	97.49	45	eP	P	12 29 14.1	-0.1	LPG	La Plagne	102.70	45	eP	Pdf	Pdf	12 29 38.4	+0.8
BROR	Big Rock Looko	87.20 326	P	P	12 28 26.0	-0.5	EPF	Esparrros	97.49	45	eP	P	12 29 14.1	-0.1	LPG	La Plagne	102.70	45	eP	Pdf	Pdf	12 29 38.4	+0.8
A13A	Flathead Natio	87.23 333	↓P	P	12 28 26.4	-0.1	EPF	Esparrros	97.49	45	eP	P	12 29 14.1	-0.1	LPG	La Plagne	102.70	45	eP	Pdf	Pdf	12 29 38.4	+0.8
UR3A	Urewera	87.25 227	P	P	12 28 26.9	-0.3	EPF	Esparrros	97.49	45	eP	P	12 29 14.1	-0.1	LPG	La Plagne	102.70	45	eP	Pdf	Pdf	12 29 38.4	+0.8
B12A	Libby	87.33 332	P	P	12 28 27.1	+0.2	EMIR	Miracle	97.61	46	P	P	12 29 15.0	+0.2	CABF	La Chapelle	102.84	44	eP	Pdf	Pdf	12 29 38.0	-0.2
H04A	Detroit Lake	87.38 326	↑P	P	12 28 26.6	-0.8	SALF	Moulis	97.86	45	eP	P	12 29 16.6	+0.8	CABF	La Chapelle	102.84	44	eP	Pdf	Pdf	12 29 38.0	-0.2
I03A	Eugene	87.40 325	↑P	P	12 28 27.4	0.0	MLS	Moulis	97.91	45	eP	P	12 29 16.6	+0.5	CABF	La Chapelle	102.84	44	eP	Pdf	Pdf	12 29 38.0	-0.2
HAWA	Hanford	87.41 329	eP	P	12 28 27.5	0.0	YKA	Yellowknife Ar	98.16	341	P	P	12 29 15.2	-1.5	CABF	La Chapelle	102.84	44	eP	Pdf	Pdf	12 29 38.0	-0.2
RPZ	Rata Peaks	87.54 320	P	P	12 28 27.7	-0.8	YKA	Yellowknife Ar	98.16	341	P	P	12 29 15.2	-1.4	BAIF	Baives	103.46	40	eP	Pdf	Pdf	12 29 40.1	-0.9
RPZ	comp=2.70nm,1.1s,baz=178,slow=21,SNR=5.0				12 28 42.4	-0.2	YKA	comp=2.3,2nm,0.9s,mb4=9,baz=140,slow=4.4,SNR=55					12 29 30.0	-0.9	BAIF	Baives	103.46	40	eP	Pdf	Pdf	12 29 40.1	-0.9
D08A	Wollman Farm	87.64 330	P	P	12 28 27.9	-0.6	YKA	comp=2.1,1nm,0.7s,baz=141,slow=4.3,SNR=5.2					12 33 49.1	-0.1	BAIF	Baives	103.46	40	eP	Pdf	Pdf	12 29 40.1	-0.9
NEW	Newport	87.80 331	eP	P	12 28 27.6	-1.7	YKA	comp=2.0,0.3nm,0.7s,baz=138,slow=2.3,SNR=4.2					12 45 47.6	-3.5	BAIF	Baives	103.46	40	eP	Pdf	Pdf	12 29 40.1	-0.9
NEW	Newport	87.80 331	eP	P	12 28 27.6	-1.7	ROSF	Rostrenen	98.40	39	eP	P	12 29 17.0	-1.1	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
OD2	Odessa Site #2	87.81 330	P	P	12 28 28.7	-0.6	ROSF	Rostrenen	98.40	39	eP	P	12 29 17.0	-1.1	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
G04A	Mulino	87.90 326	↓P	P	12 28 29.7	-0.1	ROSF	Rostrenen	98.40	39	eP	P	12 29 17.0	-1.1	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
H03A	Soap Creek Ran	87.91 326	↓P	P	12 28 30.0	+0.2	ROSF	Rostrenen	98.40	39	eP	P	12 29 19.5	-0.4	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
F05A	White Salmon	87.92 327	↑P	P	12 28 29.8	-0.1	ROSF	Rostrenen	98.40	39	eP	P	12 29 19.5	-0.4	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
C09A	Chrisman Ranch	87.93 330	↑P	P	12 28 29.3	-0.6	ROSF	Rostrenen	98.40	39	eP	P	12 29 19.5	-0.4	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
A11A	Hall Mountain	88.03 332	↑P	P	12 28 29.5	-0.8	ROSF	Rostrenen	98.40	39	eP	P	12 29 19.5	-0.4	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
FFC	Flin Flon	88.09 343	eP	P	12 28 29.2	-1.3	ROSF	Rostrenen	98.40	39	eP	P	12 29 19.5	-0.4	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
FFC	Flin Flon	88.09 343	eP	P	12 28 43.2	-1.4	ROSF	Rostrenen	98.40	39	eP	P	12 29 19.5	-0.4	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
FFC	Flin Flon	88.09 343	eP	P	12 28 29.2	-1.3	ROSF	Rostrenen	98.40	39	eP	P	12 29 19.5	-0.4	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
FFC	Flin Flon	88.09 343	eP	P	12 28 43.2	-1.4	ROSF	Rostrenen	98.40	39	eP	P	12 29 19.5	-0.4	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
E06A	Yakima	88.19 328	↑P	P	12 28 30.7	-0.4	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
EBG	Ellensburg	88.22 329	↓P	P	12 28 31.4	+0.2	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
EBG	Rice	88.36 331	↑P	P	12 28 30.0	-1.1	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
G03A	Yamhill	88.37 326	↓P	P	12 28 32.2	+0.2	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
MDT	Midett	88.59 31	LR	LR	13 08 08.6		ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
F04A	Ambo	88.41 327	↓P	P	12 28 31.6	-0.5	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
E05A	Randle	88.56 328	↓P	P	12 28 32.1	-0.8	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
C07A	Waterville	88.63 329	↑P	P	12 28 32.5	-0.7	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
A09A	Danville	88.67 331	P	P	12 28 34.2	-0.5	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
D05A	Enunclaw	89.13 328	↓P	P	12 28 34.7	-0.9	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
B07A	Winthrop	89.24 330	↓P	P	12 28 35.0	-1.0	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
A08A	Turner Farm, O	89.24 331	↑P	P	12 28 35.2	-0.8	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
EGRO	EI Granado	89.42 45	↑P	P	12 28 37.8	+0.6	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
EVO	Evora	89.72 44	↑P	P	12 28 38.2	-0.4	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
EVO	comp=2.36nm,1.0s,mb5.4						ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
A07A	Ashnola River	89.79 330	↑P	P	12 28 38.1	-0.5	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
B05A	Bryant	89.97 329	↓P	P	12 28 38.4	-1.1	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
EJIF	Jimena Fronter	90.02 47	↓P	P	12 28 41.4	+1.4	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
EJIF	Jimena Fronter	90.02 47	↓P	P	12 28 41.4	+1.4	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
ESPR	Espera	90.03 47	P	P	12 28 40.7	+0.7	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
EMIN	Mina Concepcio	90.07 46	P	P	12 28 40.0	-0.2	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
FCC	Fort Churchill	90.08 348	eP	P	12 28 39.3	-0.4	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
FCC	Fort Churchill	90.08 348	eP	P	12 28 52.7	-1.2	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
FCC	Fort Churchill	90.08 348	eP	P	12 28 39.3	-0.4	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
FCC	Fort Churchill	90.08 348	eP	P	12 28 52.7	-1.2	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
EDM	Edmonton	90.29 336	eP	P	12 28 38.5	-2.3	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
EDM	Edmonton	90.29 336	eP	P	12 28 51.1	-3.9	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
LSZ	Lusaka	90.37 108	eP	P	12 28 43.8	+1.6	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
LSZ	Lusaka	90.37 108	eP	P	12 28 43.8	+1.6	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
LSZ	Lusaka	90.37 108	eP	P	12 28 43.8	+1.6	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
LSZ	Lusaka	90.37 108	eP	P	12 28 44.8	+2.5	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
EBAD	Badajoz	90.47 45	P	P	12 28 42.2	+0.1	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
A05A	Maple Falls	90.51 329	↓P	P	12 28 41.0	-1.0	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
EMIJ	Mijas	90.54 47	P	P	12 28 41.6	-0.8	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
ELOJ	Sierra Loja	91.28 47	P	P	12 28 46.1	+0.2	ROSF	Rostrenen	98.40	39	eP	P	12 29 21.1	-0.5	HAU	Haudompre	103.68	42	eP	Pdf	Pdf	12 29 41.0	-0.9
ELOJ	Sierra Loja	91.28 47	P	P	12 28 46.1	+0.2	ROSF	Rostrenen	98.														





ISCJB 20 12:49:16.1-0.5, 3785N, 002:2102E, h10km, 3km, mb3.7/10, Error ellipse: s-maj=3.7km s-min=2.6km az=19.8

CSEM 20 12:49:17.9-0.1, 3778N, 2118E, h10km, ML3.8, Error ellipse: s-maj=2.2km s-min=1.3km az=24.0

THE 20 12:49:17.9, 3782N, 2121E, h2km, ML4.4

ATH 20 12:49:17.8, 3785N, 2122E, h14km, 2km, MD3.8/18, ML3.8

NEIC 20 12:49:18.5, 3789N, 2121E, h20km, ML4.0 (PDG), ML3.8(ATH), After ATH

PDG 20 12:49:19.5-0.6, 3812N, 2115E, h12km, 3km, ML4.0/9, Error ellipse: s-maj=2.2km s-min=2.2km az=30.0

IDC 20 12:49:19.1-2.2, 3791N, 2128E, h38km, 20km, mb3.6/10, mb1.3/7.17, mb1mx3.6/30, mbtmp3.6/17, ML3.6/6, MS3.6/2, Ms1.3/6.2, ms1mx2.7/44, Error ellipse: s-maj=17.3km s-min=15.5km az=171.0

SOF 20 12:49:40.4, 3938N, 2249E, h2km, MD3.0

ISC 20 12:49:17.3-0.5, 3786N, 002:2108E, 002, h11km, 3km, n115, c1943/163, mb3.7/10, 8C-4D, Southern Greece

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC	h m s	ISC
RLS	Riolos of Patr	0.37 57	Op	12:49 29.0	ISC	12:49 29.0	ISC
RLS	Riolos of Patr	0.37 57	eSg	12:49 28.4	Pg	12:49 28.4	-1.2
RLS	Riolos of Patr	0.37 57	epb	12:49 24.4	Pg	12:49 24.4	-0.3
RLS	Riolos of Patr	0.37 57	eSb	12:49 29.9	Pg	12:49 29.9	+0.3
VLS	Valsamata	0.50 310	epg	12:49 28.7	Pg	12:49 28.7	+1.6
VLS	Valsamata	0.50 310	eSg	12:49 29.2	Pg	12:49 29.2	+5.0
VLS	Valsamata	0.50 310	epb	12:49 29.2	Pg	12:49 29.2	+2.1
VLS	Valsamata	0.50 310	eSb	12:49 39.2	Pg	12:49 39.2	+5.5
VLS	Valsamata	0.50 310	epg	12:49 28.9	Pg	12:49 28.9	+1.8
VLS	Valsamata	0.50 310	eSg	12:49 38.7	Pg	12:49 38.7	+5.0
LKD	Levkas	0.91 339	epb	12:49 35.3	Pg	12:49 35.3	+0.6
LKD	Levkas	0.91 339	eSg	12:49 35.3	Pg	12:49 35.3	+0.6
LKD	Levkas	0.91 339	epg	12:49 35.5	Pg	12:49 35.5	+0.6
LKD	Levkas	0.91 339	eSb	12:49 35.5	Pg	12:49 35.5	+0.6
ITM	Ithomi	0.96 135	epb	12:49 33.7	Pg	12:49 33.7	-2.2
ITM	Ithomi	0.96 135	eSb	12:49 47.1	Pg	12:49 47.1	-1.4
ITM	Ithomi	0.96 135	epg	12:49 49.7	Pg	12:49 49.7	+2.2
ITM	Ithomi	0.96 135	eSb	12:49 49.7	Pg	12:49 49.7	+2.2
EVY	Evrytania	1.21 28	epg	12:49 39.2	Pg	12:49 39.2	-1.3
EVY	Evrytania	1.21 28	eSb	12:49 56.5	Pg	12:49 56.5	+0.8
EVY	Evrytania	1.21 28	epb	12:49 39.7	Pg	12:49 39.7	-0.4
EVY	Evrytania	1.21 28	eSg	12:49 56.1	Pg	12:49 56.1	+0.3
AGG	Agios Georgios	1.52 40	epg	12:49 51.5	Pg	12:49 51.5	+1.2
AGG	Agios Georgios	1.52 40	eSg	12:49 05.1	Pg	12:49 05.1	-1.3
AGG	Agios Georgios	1.52 40	epb	12:49 45.3	Pg	12:49 45.3	-1.3
AGG	Agios Georgios	1.52 40	eSg	12:49 05.1	Pg	12:49 05.1	-1.3
LKR	Lokris	1.71 62	epb	12:49 46.8	Pg	12:49 46.8	-1.9
LKR	Lokris	1.71 62	eSb	12:49 10.0	Pg	12:49 10.0	-0.2
LKR	Lokris	1.71 62	epg	12:49 51.4	Pg	12:49 51.4	+0.7
LKR	Lokris	1.71 62	eSb	12:49 09.4	Pg	12:49 09.4	-0.8
LKR	Lokris	1.71 62	epb	12:49 47.3	Pg	12:49 47.3	+0.3
IGT	Igoumenitsa	1.71 341	epb	12:49 49.1	Pg	12:49 49.1	-0.6
IGT	Igoumenitsa	1.71 341	eSb	12:50 14.6	Pg	12:50 14.6	+2.6
JAN	Janina	1.81 354	epg	12:49 51.5	Pg	12:49 51.5	+0.5
JAN	Janina	1.81 354	epb	12:49 50.8	Pg	12:49 50.8	+1.2
THL	Klokotos Trika	1.86 23	epb	12:49 50.8	Pg	12:49 50.8	+1.2
THL	Klokotos Trika	1.86 23	eSb	12:50 15.4	Pg	12:50 15.4	+1.0
THL	Klokotos Trika	1.86 23	epn	12:49 50.8	Pg	12:49 50.8	+1.2
THL	Klokotos Trika	1.86 23	eSb	12:50 14.5	Pg	12:50 14.5	+0.6
THL	Klokotos Trika	1.86 23	epn	12:49 50.8	Pg	12:49 50.8	+1.2
THL	Klokotos Trika	1.86 23	eSb	12:50 14.5	Pg	12:50 14.5	+0.6
NAIG	Nisos Aigina	1.91 92	epn	12:49 50.5	Pg	12:49 50.5	+0.7
NAIG	Nisos Aigina	1.91 92	eSb	12:49 50.5	Pg	12:49 50.5	+0.7
NAIG	Nisos Aigina	1.91 92	epb	12:49 50.5	Pg	12:49 50.5	+0.7
MEV	Metsovon	1.93 4	epb	12:49 52.5	Pg	12:49 52.5	-0.2
ATH	Athens Observa	2.09 86	epn	12:49 52.9	Pg	12:49 52.9	+0.6
ATH	Athens Observa	2.09 86	epb	12:49 52.9	Pg	12:49 52.9	+0.6
KEK	Kerkira	2.10 332	epb	12:49 54.0	Pg	12:49 54.0	-1.5
KVR	Kavouri	2.13 90	epn	12:49 53.3	Pg	12:49 53.3	+0.5
PVL	Penteli	2.21 84	epn	12:49 54.7	Pg	12:49 54.7	+0.8
NEO	Neokhorri	2.22 49	epb	12:49 55.2	Pg	12:49 55.2	+0.7
NEO	Neokhorri	2.22 49	epb	12:49 55.2	Pg	12:49 55.2	+0.7
KYTH	Kithira	2.22 134	epg	12:49 57.5	Pg	12:49 57.5	+3.5
KYTH	Kithira	2.22 134	epg	12:49 56.5	Pg	12:49 56.5	-3.4
XOR	Xorichiti	2.24 47	epn	12:49 55.1	Pg	12:49 55.1	+0.8
LIT	Litokhoron	2.50 26	epn	12:49 58.0	Pg	12:49 58.0	+0.2
LIT	Litokhoron	2.50 26	epn	12:49 58.0	Pg	12:49 58.0	+0.2
LIT	Litokhoron	2.50 26	epn	12:49 58.0	Pg	12:49 58.0	+0.2
LIT	Litokhoron	2.50 26	epn	12:49 58.0	Pg	12:49 58.0	+0.2
KZN	Kozani	2.50 12	epn	12:50 31.2	Pg	12:50 31.2	+3.0
KZN	Kozani	2.50 12	epb	12:50 01.0	Pg	12:50 01.0	-0.5
AOS	Alonnisos	2.56 58	epn	12:50 58.9	Pg	12:50 58.9	+0.1
AOS	Alonnisos	2.56 58	epn	12:50 58.9	Pg	12:50 58.9	+0.1
AOS	Alonnisos	2.56 58	epn	12:50 58.9	Pg	12:50 58.9	+0.1
AOS	Alonnisos	2.56 58	epn	12:50 58.9	Pg	12:50 58.9	+0.1
FNA	Florina	2.93 4	epn	12:50 43.0	Pg	12:50 43.0	+4.0
PLG	Polygyros	3.12 36	epn	12:50 06.7	Pg	12:50 06.7	+0.0
PLG	Polygyros	3.12 36	epn	12:50 06.7	Pg	12:50 06.7	+0.0
PLG	Polygyros	3.12 36	epn	12:50 06.7	Pg	12:50 06.7	+0.0
THE	Thessaloniki	3.14 27	epn	12:50 07.5	Pg	12:50 07.5	+0.9
THE	Thessaloniki	3.14 27	epn	12:50 07.5	Pg	12:50 07.5	+0.9
HORT	Horiatia	3.16 29	epn	12:50 08.5	Pg	12:50 08.5	+1.6
BIA	Bitola	3.16 3	epn	12:50 47.9	Pg	12:50 47.9	+3.2
BIA	Bitola	3.16 3	epn	12:50 08.5	Pg	12:50 08.5	+1.5
BIA	Bitola	3.16 3	epn	12:50 47.8	Pg	12:50 47.8	+3.1
OHG	Ohrid	3.26 356	epn	12:50 18.6	Pg	12:50 18.6	-1.2
QHR	Griva	3.26 118	epn	12:50 09.5	Pg	12:50 09.5	+1.1
LOH	Lece	3.38 318	epn	12:50 11.8	Pg	12:50 11.8	+0.8
SOI	Sokhos	3.45 30	epn	12:50 51.1	Pg	12:50 51.1	+1.0
SOH	Sokhos	3.45 30	epn	12:50 12.2	Pg	12:50 12.2	+1.4
SOH	Sokhos	3.45 30	epn	12:50 53.4	Pg	12:50 53.4	+1.7
SOH	Sokhos	3.45 30	epn	12:50 12.2	Pg	12:50 12.2	+1.3
SOH	Sokhos	3.45 30	epn	12:50 12.2	Pg	12:50 12.2	+1.3
KNT	Kendrikon	3.59 23	epn	12:50 13.6	Pg	12:50 13.6	+0.8
APE	Apeiranthos	3.63 101	epn	12:50 15.5	Pg	12:50 15.5	+2.1
TIP	Timpargadon	3.63 293	P	12:50 16.2	Pg	12:50 16.2	+2.7
VAY	Valandovo	3.65 18	epn	12:50 17.5	Pg	12:50 17.5	+3.9
VAY	Valandovo	3.65 18	epn	12:50 57.0	Pg	12:50 57.0	+0.4
VAY	Valandovo	3.65 18	epn	12:50 17.5	Pg	12:50 17.5	+3.9
STIP	Stip	3.93 12	epn	12:50 18.9	Pg	12:50 18.9	+1.4
STIP	Stip	3.93 12	epn	12:50 18.8	Pg	12:50 18.8	+1.3
CHOS	Chios island	3.96 81	epn	12:50 18.5	Pg	12:50 18.5	+0.6
IDI	Anoyia	4.00 129	Pn	12:50 16.3	-2.2		
IDI	Anoyia	4.00 129	Pn	12:50 16.3	-2.2		
PE1	Pezzo di Greco	4.08 317	epn	12:50 05.0	-0.3		
PE1	Pezzo di Greco	4.08 317	epn	12:50 05.0	-0.3		
MMB	Musomiste	4.25 28	epn	12:51 06.9	-0.5		
MMB	Musomiste	4.25 28	epn	12:51 06.9	-0.5		
KKB	Krupnik	4.29 20	epn	12:50 23.9	+1.4		
ULC	Ulcinj	4.33 342	epn	12:50 23.1	0.0		
ULC	Ulcinj	4.33 342	epn	12:51 11.7	-1.9		
SG1	Smolore (BA)	4.53 313	epn	12:50 27.2	+1.5		
SG1	Smolore	4.53 313	epn	12:51 17.5	-0.8		
SMG	Samos	4.57 90	epn	12:50 27.9	+1.5		
SMG	Samos	4.57 90	epn	12:50 27.0	+0.7		
BUM	Brajici-Budva	4.74 340	epn	12:50 28.4	-0.3		
BUM	Brajici-Budva	4.74 340	epn	12:51 22.3	-1.3		
RZN	Rozhen	4.74 35	epn	12:50 29.7	+1.0		
TTG	Podgorica	4.77 344	epn	12:50 29.1	0.0		
TTG	Podgorica	4.77 344	epn	12:50 29.1	0.0		
PVY	Plav	4.81 350	epn	12:51 23.2	-0.2		
PVY	Plav	4.81 350	epn	12:51 23.2	-0.2		
HAVL	Avola	4.82 261	epn	12:50 28.8	-1.0		
HAVL	Avola	4.82 261	epn	12:51 22.2	-3.4		
MGR	Morigerati	4.87 300	epn	12:51 23.3	+2.7		
MGR	Morigerati	4.87 300	epn	12:51 27.0	+0.3		
CDT	Castel del Mon	4.92 312	epn	12:50 33.0	+1.9		
CDT	Castel del Mon	4.92 312	epn	12:51 26.0	-1.9		
HCY	Herczeg Novi	4.99 338	epn	12:50 31.9	-0.2		
HCY	Herczeg Novi	4.99 338	epn	12:51 27.4	-2.3		
VITQ	Vitosh	5.01 18	epn	12:50 32.9	+1.7		
KDZ	Kurdzhali	5.05 40	epn	12:50 31.9	-1.1		
IVA	Berane	5.09 350	epn	12:50 34.0	+0.6		
IVA	Berane	5.09 350	epn	12:51 30.5	-1.6		
NKY	Niksic	5.20 343	epn	12:50 35.4	+0.5		
NKY	Niksic	5.20 343	epn	12:51 32.5	-2.5		
MRLC	Muro Lucano	5.21 305	epn	12:50 38.6	+3.5		
SGO	Sicignano	5.23 303	Pn	12:50 38.7	+3.3		
VAE	Valguarnera	5.30 268	Pn	12:50 38.2	+1.8		
VAE	Valguarnera	5.30 268	Pn	12:50 38.2	+1.8		
VAE	Valguarnera	5.30 268	Pn	12:50 38.2	+1.8		
VAE	Valguarnera	5.30 268	Pn	12:50 38.2	+1.8		

Code	Station Name	A° AZ°	Phase ID	Time Res	ISC	h m s	ISC
BRY	Bratogost	5.40 340	epn	12:50 37.4	-0.2		
BRY	Bratogost	5.40 340	epn	12:51 37.4	-0.2		
UPM	Unac-Piva	5.59 344	epn	12:50 40.1	-0.2		
UPM	Unac-Piva	5.59 344	epn	12:51 40.2	-0.2		
PLE	Plijevja	5.61 347	epn	12:50 42.4	-2.1		
PLE	Plijevja	5.61 347	epn	12:50 40.8	+0.1		
STON	Ston	5.63 334	epn	12:51 41.9	-3.7		
STON	Ston	5.63 334	epn	12:51 41.9	-3.7		
FG5	Orsara di Pugli	5.64 309	Pn	12:50 43.2	+2.2		
FG5	Orsara di Pugli	5.64 309	Pn	12:50 43.2	+2.2		
RGNC	Rignano Grg	5.69 314	Pn	12:51 45.2	-1.8		
RGNC	Rignano Grg	5.69 314	Pn	12:51 45.2	-1.8		
NRCA	Norcia	5.75 312	Pn	12:51 13.7	+2.3		
NVLJ	Novaja	5.87 327	Pn	12:52 44.4	-3.5		
MLR	Muntale Rosu	8.45 24	Pn	12:51 20.1	+0.5		
MLR	Muntale Rosu	8.45 24	Pn	12:51 20.1	+0.5		
MLR	Muntale Rosu	8.45 24	Pn	12:51 20.1	+0.5		
BOJS	Bojanci	8.79 332	epn	12:51 23.8	-0.4		
VNDS	Vrh nad Dolski	9.50 332	epn	12:51 33.2	-0.8		
JAVS	Javornik						



KAD Karad	comp=Z,37nm,1.6s,mb5.3	eP	P	13 34 09.3 -1.1	CLL	comp=Z,15nm,1.0s,mb5.0	pmax	pmax	FUR Furstenfeldbru	70.34 326 eP	P	13 35 07.4 0.0	
KAD Karad	comp=Z,12nm,0.8s,mb5.1	Amb	AMB	13 34 19.0	CLL	Colim	67.07 327 eP	P	13 34 46.3 -0.6	FUR Furstenfeldbru	70.34 326 eP	P	13 35 07.4 0.0
AKASG Malin Array Be	61.47 317 iP	pmax	pmax	13 34 09.3 -0.9	CLL	comp=Z,15nm,1.0s,mb5.0	67.07 327 iP	P	13 34 46.3 -0.6	VTS San Rafael	70.41 315 iP	P	13 35 08.3 +0.4
AKASG Malin Array Be	61.47 317 P	pmax	pmax	13 34 09.4 -0.8	CLL	comp=Z,15nm,1.0s,mb5.0	iP	pP	13 34 49.5 -1.7	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4
AKASG Malin Array Be	61.47 317 P	pmax	pmax	13 34 09.3 -0.9	CLL	comp=Z,15nm,1.0s,mb5.0	iP	pP	13 34 47.7 +0.2	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4
AKBIB Malin Array Si	61.47 317 eP	pmax	pmax	13 34 09.3 -0.9	CLL	comp=Z,15nm,1.0s,mb5.0	iP	pP	13 34 47.7 +0.2	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4
KIEV Kieff	61.48 317 eP	pmax	pmax	13 34 09.1 -1.2	CLL	comp=Z,15nm,1.0s,mb5.0	iP	pP	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4
KIEV Kieff	61.48 317 eP	pmax	pmax	13 34 09.1 -1.2	CLL	comp=Z,15nm,1.0s,mb5.0	iP	pP	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4
D11A Klaveano Farm	61.59 49 eP	P	P	13 34 10.5 -0.6	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.7 -0.6	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
C13A Hot Springs	61.92 47 iP	P	P	13 34 12.6 -0.7	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
SOC Sochi	61.99 306 eP	eSP	sP	13 34 13.0 -0.9	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.7 -0.6	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
SOC Sochi	61.99 306 eP	eSP	sP	13 34 20.1 +0.4	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
SOC Sochi	61.99 306 eP	eSP	sP	13 34 50.3	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
SOC Sochi	61.99 306 eP	eSP	sP	13 42 29.5 -8.1	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
SOC Sochi	61.99 306 eP	eSP	sP	13 34 13.0 -0.9	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
SOC Sochi	61.99 306 eP	eSP	sP	13 34 20.1 +0.4	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
SOC Sochi	61.99 306 eP	eSP	sP	13 34 50.3	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
SOC Sochi	61.99 306 eP	eSP	sP	13 42 29.5 -8.1	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
C14A Swan Lake	62.23 47 iP	P	P	13 34 15.4 0.0	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
G09A Cove	62.23 51 iP	P	P	13 34 15.4 -0.1	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
I07A Ize	62.28 53 iP	P	P	13 34 15.6 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
H08A Prairie City	62.37 52 iP	P	P	13 34 16.0 -0.3	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
D13A Huson	62.41 48 iP	P	P	13 34 16.3 -0.4	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
G10A Bishop Farm, J	62.53 51 iP	P	P	13 34 17.3 -0.1	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
M50 Missoula	62.85 48 eP	P	P	13 34 19.1 -0.4	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
G14A Greenough	62.85 47 iP	P	P	13 34 19.0 -0.5	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
D11A Walters Elk Ra	62.85 50 iP	P	P	13 34 19.4 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
E13A Victor	63.03 48 iP	P	P	13 34 21.1 +0.4	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
F12A Elk City	63.06 49 P	P	P	13 34 20.9 0.0	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
H10A Noah's Angus R	63.23 51 iP	P	P	13 34 22.0 -0.1	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
BSD Bernholm Skovb	63.25 328 iP	pmax	pmax	13 34 18.6 -3.5	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
BSD Bernholm Skovb	63.25 328 iP	pmax	pmax	13 34 18.6 -3.5	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
D15A Lincoln	63.32 47 iP	P	P	13 34 23.1 +0.4	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
H11A Donnelly	63.49 50 iP	P	P	13 34 23.5 -0.3	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
J09A Fry Pan Ranch,	63.68 53 iP	P	P	13 34 25.5 +0.4	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
E15A Deer Lodge	63.74 47 iP	P	P	13 34 25.2 -0.3	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
EGMT Eagleton	63.77 44 eP	P	P	13 34 25.4 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
EGMT Eagleton	63.77 44 eP	P	P	13 34 25.4 -0.3	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
L07A Adell	63.89 54 iP	P	P	13 34 26.5 -0.1	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
G13A Cobalt	64.03 49 iP	P	P	13 34 26.8 -0.6	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
I11A Placerville	64.12 51 iP	P	P	13 34 27.7 -0.3	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
H12A Diamond D Ranc	64.15 50 iP	P	P	13 34 27.7 -0.5	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K09A Rome	64.18 53 iP	P	P	13 34 28.5 +0.1	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
F15A Butte	64.25 48 iP	P	P	13 34 29.1 +0.3	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
L13A Chellis	64.26 50 iP	P	P	13 34 28.4 -0.4	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41 51 eP	P	13 35 08.3 +0.4	
K15A Chellis	64.26 50 iP	P	P	13 34 29.8 -0.2	BRG Berggiesshubel	67.12 326 eP	P	13 34 46.9 -0.4	SRU San Rafael	70.41			



Table with columns: PTK, Pterk, 1.39 252 ePN, Pn, 13 40 51.8 -2.5, etc.

IDC 20 13:51:46.0 1.2, 2179N, 14323E, h0km, mb3.4/6, mb1 3.7/6, mb1mx3.6/1.9, mbtms3.6/6, Error ellipse: s-maj=46.4km s-min=21.8km az=81.0, Mariana Islands region

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

IS/CJB 20 14:18:14.6:0.8, 2732N, 002:8823E, 002, h8km, 5km, mb4.9/146, MS4.2/47, Error ellipse: s-maj=3.9km s-min=2.8km az=1.3

LDG 20 14:18:14.1:0.2, 2732N, 8819E, h10km, Mb5.1/34, Ms4.0/8, Error ellipse: s-maj=9.2km s-min=5.2km az=138.0

IDC 20 14:18:15.0:0.5, 2736N, 8825E, h0km, mb4.6/21, mb1 4.7/22, mb1mx4.7/24, mbtms4.6/22, ML4.6/1, MS4.1/20, Ms1.4/120, ms1mx4.0/30, Error ellipse: s-maj=16.8km s-min=12.1km az=47.0

BJJ 20 14:18:15.5, 2744N, 8840E, h5km, mb4.9, mb4.8, ML4.8, Ms4.6, Msz4.3

MOS 20 14:18:17.9:0.9, 2731N, 8813E, h30km, mb5.1/74, MS4.2/21, Error ellipse: s-maj=8.0km s-min=3.9km az=124.5

DMN 20 14:18:18.0:0.3, 2714N, 8836E, h10km, M15.6/5, Error ellipse: s-maj=23.5km s-min=5.7km az=16.0

NDI 20 14:18:19.2:0.5, 2745N, 8842E, h43km, mb5.1, mb5.0(NEIC)

GCMT 20 14:18:21.3:0.4, 2723N, 8856E, h14km, 2km, MW4.9/64, Moment Tensor Solution: s13.214; s64.c93; Duration: 0 Moment tensor: Scale 10^16Nm; M0.51+1.2; Mw1.96+1.1; Mw1.45+0.9; Mw1.66+38; Mw1.10+12; Mo.23+23; Best double couple: M2.47100:106; NP2: NP1=204.00000; s58.00000; lambda=0.00000; NP2: NP2=296.00000; s86.00000; lambda=148.00000; Principal axes: T 1.8760, Plg19.0000, Azm65.0000; N 1.1860, Plg57.0000; Azm302.0000; P -3.0660, Plg25.0000; Azm165.0000; nsta2 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 20 14:18:21.3:1.2, 2733N, 8824E, h43km, 11km, mb5.0/94, MS4.4/8, Error ellipse: s-maj=7.7km s-min=4.4km az=212.0

NEIC Some buildings slightly damaged in West Sikkim. Power outages occurred at Gezing, Jorethang and Namchi. Felt [IV] at Namchi. Felt at Pakyong, Rangpo, Ranipool, Ranka, Rhenok, Rongli and Singtam. Also felt at Darjeeling, Kalimpong, Kurseong, Mirik, Shiliguri, Sukhiyapokhri and Tadong, West Bengal.

SZGRF 20 14:18:37.7, 2956N, 8668E, h33km, mb4.9, MS4.5, Xizang ISC 20 14:18:15.9:0.8, 2733N, 002:8827E, 002, h8km, 5km, n423, e1912458, mb4.9/146, MS4.2/47, 37C-11D, Sikkim

Main table with columns: Code, Station Name, Az, Phase, ID, Time Res, etc.

Table with columns: KMI, Kunming, 13.17 96 P Pn, 14 21 22.0 -1.9, etc.

CM31 HYB Hyderabad 13.21 130 ePN Pn 14 21 20.6 -3.9, 13.34 224 eP Pmax 14 21 22.0 -4.2

Table with columns: HYB, Hyderabad, 13.34 224 i P Pn, 14 21 22.0 -4.2, etc.

CD2 comp=Z, 120nm, 8.4s LR LR

CD2 comp=N, 2um, 12.0s LR LR

CD2 comp=E, 2um, 7.2s LR LR

CD2 comp=Z, 1um, 9.6s eP Pn

GTA Gaotai 15.41 36 eP Pn 14 21 56.5 +2.3

GTA GT A XS S S 14 24 48.3 +2.9

GTA GT A XS S S 14 25 51.1 -8.1

GTA GT A LG1 S S 14 25 06.3

GTA GT A LG2 S S 14 26 25.0

GTA comp=Z, 3.0nm, 0.5s AMB AMB

GTA comp=Z, 6.7nm, 4.2s LR LR

GTA comp=N, 2um, 13.4s LR LR

GTA comp=E, 3um, 12.2s LR LR

BHV Bhavnagar 15.69 253 ex x 14 21 42.5

LZH Lanzhou 15.85 53 eP Pn 14 21 57.0 -3.0

LZH AP pP 14 22 05.0 +0.3

LZH AP pP 14 22 10.3 +5.2

LZH AP pP 14 22 12.3

LZH eS S 14 24 54.0 -2.2

LZH XS S S 14 25 05.0 -7.2

LZH SS AMB AMB 14 25 12.3

LZH comp=Z, 2.9nm, 1.1s AMB AMB

LZH comp=Z, 1.35nm, 4.1s LR LR

LZH comp=N, 1um, 12.7s LR LR

LZH comp=Z, 2um, 13.6s eP Pn

KSH Kashi 15.89 323 eP Pn 14 21 57.0 -3.4

KSH eAP pP 14 22 04.1 -0.9

KSH eX pP 14 22 09.1 +3.7

KSH eS S 14 25 01.1 -5.9

KSH eXS S 14 25 03.0 -1.0

KSH comp=Z, 6.06nm, 3.8s LR LR

KSH comp=N, 4um, 8.1s LR LR

KSH comp=E, 5um, 9.3s LR LR

KSH comp=Z, 3um, 14.2s LR LR

POO Poona 15.90 240 ex x 14 21 58.0

POO Amb AMB 14 22 01.1

POO ex x 14 24 44.1

NST Nakhon Sawan 16.00 134 ex x 14 22 07.0 +5.0

KAD Karad 16.40 235 eP Pn 14 22 02.0 -1.0

KAD Amb AMB 14 22 08.5

KAD comp=Z, 5.3nm, 0.7s comp=Z, 2.9nm, 1.0s

KAD ex x 14 24 55.9

KAD i P Pn 14 22 09.1 +1.5

KAD AP pP 14 22 14.6 +3.4

KAD GYA S S 14 25 12.4 +1.9

KAD GYA SS 14 25 32.6

KAD GYA PCP PpP 14 27 02.4 +2.3

KAD GYA AMB AMB

KAD comp=Z, 30nm, 0.8s AMB AMB

KAD comp=Z, 140nm, 4.2s LR LR

KAD comp=N, 890nm, 11.8s LR LR

KAD comp=E, 670nm, 14.4s LR LR

WYA Wuyang 16.46 359 P LR 14 22 07.0 -0.7

WMQ Urumqi 16.46 359 P sP 14 22 14.0 +2.3

WMQ XP pP 14 22 21.0

WMQ S S 14 25 09.0 -1.8

WMQ AMB AMB 14 25 30.0

WMQ comp=Z, 2.9nm, 0.8s AMB AMB

WMQ comp=Z, 6.4nm, 3.0s LR LR

WMQ comp=N, 736nm, 9.0s LR LR

WMQ comp=E, 869nm, 9.0s LR LR

WMQ comp=Z, 758nm, 8.0s LR LR

BHJ Bhuj 17.32 261 eP Pn 14 22 19.8 +1.1

BHJ ex x 14 25 16.8

BHJ ULHL Ulahol 17.83 330 P Pn 14 22 26.9 +0.1

KBL Kabul 17.98 298 eP Pn 14 22 33.2 +3.1

KAD comp=Z, 1.14nm, 1.0s UCH Uchtor 18.63 326 eP Pn 14 22 33.4 -1.4

UCH comp=Z, 1.5nm, 0.8s UCH Uchtor 18.63 326 P Pn 14 22 33.7 -1.1

UCH SNR=13

TKM2 Tokmak 2 18.65 330 eP Pn 14 22 33.2 -1.9

TKM2 comp=Z, 2.3nm, 0.9s

TKM2 Tokmak 2 18.65 330 eP Pn 14 22 33.2 -1.9

TKM2 comp=Z, 2.3nm, 0.9s

TKM2 Tokmak 2 18.65 330 P Pn 14 22 35.3 +0.3

KBK Karagaybulak 18.75 328 P Pn 14 22 37.8 +1.6

AAK Ala-Archa 18.94 327 P Pn 14 22 39.2 +0.6

AAK comp=Z, 1.78nm, 1.0s, SNR=22

AAK Ala-Archa 18.94 327 P Pn 14 22 40.1 +1.5

XI'an 18.96 64 P Pn 14 22 36.5 -2.4

XAN AP pP 14 22 45.5 +6.4

XAN XP pP 14 22 50.1 +1.1

XAN S S 14 26 07.1 -4.5

XAN SS 14 26 30.4

XAN comp=Z, 8.0nm, 1.1s AMB AMB

XAN comp=Z, 90nm, 5.6s LR LR

XAN comp=N, 502nm, 10.8s LR LR

XAN comp=E, 286nm, 9.9s LR LR

XAN comp=Z, 598nm, 10.1s AMB AMB

AML Almayashu 18.97 325 eP Pn 14 22 38.8 -0.1

Table with columns: AML, Almayashu, 18.97 325 P Pn, 14 22 39.8 +0.9, etc.

FRU Bishkek 19.04 328 eP Pn 14 22 40.0 +0.3

FRU comp=Z, 40nm, 2.0s Pmax pmax

FRU comp=Z, 1um, 14.0s MLR MLR

MNGI Mangalore 19.06 224 eP Pn 14 22 40.6 +0.4

MNGI Amb AMB 14 22 45.0

EKS2 Erkin-Say 19.32 326 eP Pn 14 22 43.8 +0.8

EKS2 comp=Z, 42nm, 1.1s

EKS2 Erkin-Say 19.32 326 P Pn 14 22 44.1 +1.1

EKS2 comp=Z, 42nm, 0.9s

USP Osenovka 19.43 328 P Pn 14 22 43.7 -0.7

KOD Kodaikanal 19.83 213 eP Pn 14 22 50.0 +0.7

KOD Amb AMB 14 22 56.2

comp=Z, 3.35nm, 0.7s

Makanchi Array 19.99 348 eP Pn 14 22 49.4 -1.7

Makanchi Array 19.99 348 i P Pn 14 22 50.0 -1.1

comp=Z, 12nm, 0.6s

comp=Z, 1.6nm, 0.3s, baz=165, slow=10, SNR=37

QIZ Qiongzong 21.46 108 eP P 14 23 04.8 -0.8

QIZ SNR=29

QIZ S S 14 27 03.8 -0.5

QIZ XS S S 14 27 10.9 +5.3

QIZ LR LR

comp=N, 308nm, 16.7s LR LR

comp=Z, 441nm, 13.9s, MS4.0

Qiongzong 21.46 108 eP P 14 23 05.2 -0.4

comp=Z, 73nm, 1.1s, mb4.9

BTO Baotou 22.30 48 eP P 14 23 14.8 +0.4

TIV Taiyuan 22.79 57 S P 14 23 19.5 -0.2

TIV S S 14 27 29.5 -0.3

comp=N, 799nm, 9.4s LR LR

comp=E, 2um, 15.3s LR LR

comp=Z, 2um, 13.6s, MS4.7

WHN Wuhan 23.03 76 P P 14 23 22.0 -0.2

WHN AP S 14 23 23.0

WHN S S 14 27 34.1 +0.3

WHN AMB AMB

comp=Z, 4.15nm, 4.4s LR LR

WHN comp=N, 1um, 10.2s, MS4.8 LR LR

WHN comp=E, 1um, 14.0s, MS4.8 LR LR

WHN comp=Z, 1um, 11.4s, MS4.8 LR LR

HHC Hu-ho-hao-te 23.45 49 eP P 14 23 29.8 +3.3

HHC PCP PpP 14 27 14.0 +1.4

HHC AMB AMB

comp=Z, 5.9nm, 1.2s, mb4.9

HHC comp=Z, 2.77nm, 5.3s AMB AMB

HHC comp=N, 2um, 14.9s, MS4.7 LR LR

HHC comp=E, 1um, 14.7s, MS4.7 LR LR

HHC comp=Z, 1um, 17.1s, MS4.4

KURK Kurchatov 24.48 345 P P 14 23 36.9 +0.9

KURK Kurchatov 24.48 345 P P 14 23 35.5 -0.5

KURK Kurchatov 24.48 345 eP P 14 23 35.9 -0.1

SONM Songino Array 24.89 30 P P 14 23 40.7 +0.9

SONM comp=Z, 1.2nm, 0.6s, mb4.6, baz=220, slow=9.5, SNR=53

SONM PCP PpP 14 27 16.9 +1.4

SONM comp=Z, 1.1nm, 0.7s, baz=265, slow=2.1, SNR=42

SONM S S 14 30 54.3 -1.2

SONM comp=Z, 0.9nm, 0.9s, baz=225, slow=5.5, SNR=5.1

SONM LR LR 14 34 45.0

comp=Z, 200nm, 21.8s, MS3.6, baz=216, slow=40

KULM Kulim 24.89 150 eP P 14 23 40.5 +0.4

ZAK Zakamensk 25.71 22 eP P 14 23 48.0 +0.7

ZAK Pmax pmax

comp=Z, 1.3nm, 1.0s, mb4.0

TIA Tai'an 26.00 63 eP P 14 23 50.3 +0.2

MOY Mondy 26.13 18 eP P 14 23 54.4 +3.4

MOY Pmax pmax

comp=Z, 3.9nm, 1.6s, mb4.7

BJJ Beijing 26.33 54 P P 14 23 54.4 +3.8

BJJ XP pP 14 24 07.3 +8.0

BJJ S S 14 24 10.1 +1.0

BJJ XS S S 14 24 47.1

BJJ comp=Z, 8.0nm, 1.1s, mb4.2 AMB AMB

BJJ comp=Z, 207nm, 5.4s LR LR

BJJ comp=N, 2um, 13.4s, MS4.8 LR LR

BJJ comp=E, 864nm, 13.7s, MS4.8 LR LR

PSI Prapat 26.44 155 P P 14 23 55.4 +1.2

PSI comp=Z, 6.7nm, 0.8s, mb4.2, baz=339, slow=8.3, SNR=9.3

PSI LR LR 14 37 32.4

comp=Z, 393nm, 18.2s, MS4.0, baz=185, slow=44

ZAL Zalesovo 26.70 355 P P 14 23 56.0 -0.1

ZAAO Zalesovo Array 26.71 355 eP P 14 23 55.4 -1.7

ZALV Zalesovo Beam 26.71 355 P P 14 23 56.0 -0.3

comp=Z, 2.5nm, 0.9s, mb4.7, baz=182, slow=7.4, SNR=38

ZALV LR LR 14 35 51.3

comp=Z, 4.95nm, 18.3s, MS4.1, baz=177, slow=40

20d 14h

2007 MAY

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Shenyang, Korea Array, and various international stations.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like FINES, L'vov, Kalwaria, and various international stations.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MOX, Moxa, TERO, and various international stations.





20d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YMR Madison River, YNR Norris Junction, QMNT Earthquake Lak, PLAL Pickwick Lake, etc.

ISK 20 14:52:34.6, 3679N-2761E, h22km, MD3.0
NEIC 20 14:52:36.5, 3684N-2769E, h26km, MD3.3(ATH), After ATH.
CSEM 20 14:52:36.7-0.2, 3684N-2770E, h10km, MD2.9, Error ellipse: s-maj=4.2km s-min=3.9km az=155.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DAT Data, DA Datas, BDRM Kayabasi, etc.

2007 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DALT Dalyan (Mudla), FETH Fethiye, SMG Samos, etc.

ISCJB 20 14:52:53.2-2.7, 218S-02.1764W, h150km, mb4.0/7, Error ellipse: s-maj=53.6km s-min=23.1km az=173.4
NEIC 20 14:52:56.0, 8.2, 2182S-17645W, h150km, mb4.4/3, Error ellipse: s-maj=20.9km s-min=15.1km az=122.0

ISC 20 14:52:57.1-12.0, 2185S-17649W, h158km, 106km, mb3.6/6, mb1.3/8, 7, mb1mx3.5/16, mbtmp3.7/7, MS3.0/1, Ms1.3/0.1, ms1mx2.6/27, Error ellipse: s-maj=48.5km s-min=40.9km az=55.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAOU Raoul Island, CHART Charters Tower, CTAO Charters Tower, etc.

ISC 20 14:52:59.2, 2185S-02.1764W, h150km, n17, <math>\sigma</math>050/13, mb4.0/7, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSR Korea Array, SONM Songo Array, PSI Prapat, etc.

ISC 20 15:10:28.5-10.0, 1936N-14284E, h0km, mb3.3/3, mb1.3/3, mb1mx3.3/19, mbtmp3.3/3, MS4.0/1, Ms1.4/0.1, ms1mx2.7/18, Error ellipse: s-maj=286.6km s-min=54.1km az=20.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAN 15:19:41, CAUP Cauayan, PALP Palanan, etc.

ISC 20 15:42:26.9-4.5, 169S-13740E, h0km, mb3.8/2, mb1.4/0/3, mb1.3/3, mb1.3/3, mb1mx3.9/13, mbtmp3.9/13, MS3.6/1, Ms1.3.6/1, ms1mx2.8/27, Error ellipse: s-maj=197.6km s-min=16.2km az=83.0, Near north coast of Irian Jaya

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

ISC 20 15:44:08.7-10.0, 2180N-14283E, h184km, 101km, mb3.0/8, mb1.3/3, mb1mx3.8/19, mbtmp3.8/19, MS3.5/1, Ms1.3.5/1, ms1mx2.5/12, Error ellipse: s-maj=43.8km s-min=16.2km az=83.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSR Korea Array, SONM Songo Array, WRA Warramunga Arr, etc.

KRSC 20 15:57:34.9-1.1, 5499N-16377E, h49km, 48km, ML3.7, east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKZ Mys Kozlova, MKZ Krutoberegovo, KBTR Tumrok, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AVH Petropavlovsk, PET Petropavlovsk, GNL Ganaly, etc.

ISCJB 20 16:00:10.6-1.6, 815S-006-1187E, h10km, mb3.5/2, Error ellipse: s-maj=30.4km s-min=7.5km az=171.0
IDC 20 16:00:12.3-2.2, 806S-11885E, h0km, mb3.3/2, mb1.3.6/5, mb1mx3.4/18, mbtmp3.4/5, ML3.2/3, Error ellipse: s-maj=65.6km s-min=19.3km az=71.0

NEIC 20 16:00:13.9-1.8, 800S-11892E, h10km, Error ellipse: s-maj=50.7km s-min=11.3km az=73.0
NEIC Fall [I] at Bima

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KAPI Kappang, BATI Kupang, FITZ Fitzroy Crossi, etc.

ISCJB 20 16:02:02.8-0.5, 3707N-003-7201E, h007, h158km, 9km, mb2.9/2, Error ellipse: s-maj=10.0km s-min=4.3km az=168.4

NNC 20 16:02:08.8-3.2, 3754N-17157E, h135km, 33km, mb3.1, mpv4.4, Error ellipse: s-maj=25.9km s-min=16.8km az=13.0

BUI 20 16:02:13.0, 3754N-17262E, h210km
NEIC 20 16:02:16.0-4.3, 3812N-17205E, h179km, 19km, mb4.4/1, Error ellipse: s-maj=55.1km s-min=17.7km az=176.0

IDC 20 16:02:19.6-6.9, 3824N-17213E, h214km, 54km, mb2.8/2, mb1.3/16, mb1mx2.8/24, mbtmp3.0/6, Error ellipse: s-maj=60.1km s-min=29.8km az=178.0

ISC 20 16:02:18.8-0.5, 3707N-003-7200E, h008, h153km, 8km, n5.3, <math>\sigma</math>195/66, mb2.9/2, GC-4D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CEP Cherat, CHCP Chirah Chowk, KSH Kashi, etc.

MAN 15:19:41, 1630N-12226E, h22km, mb4.3, ML3.2, MS3.0, 1C-1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAUP Cauayan, PALP Palanan, ARCES Arceles, etc.

ISC 20 16:02:26.9-4.5, 169S-13740E, h0km, mb3.8/2, mb1.4/0/3, mb1.3/3, mb1.3/3, mb1mx3.9/13, mbtmp3.9/13, MS3.6/1, Ms1.3.6/1, ms1mx2.8/27, Error ellipse: s-maj=197.6km s-min=16.2km az=83.0, Near north coast of Irian Jaya

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

ISC 20 15:44:08.7-10.0, 2180N-14283E, h184km, 101km, mb3.0/8, mb1.3/3, mb1mx3.8/19, mbtmp3.8/19, MS3.5/1, Ms1.3.5/1, ms1mx2.5/12, Error ellipse: s-maj=43.8km s-min=16.2km az=83.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKZ Mys Kozlova, MKZ Krutoberegovo, KBTR Tumrok, etc.



20d 19h

ASAR Alice Springs 64.75 188 P P 18 27 55.0 -0.5
FINES FINES Array B 65.30 331 i P P 18 27 59.5 +0.7
FINES comp=2.0,4nm,0.5s,mb3.5,baz=1.5,slow=6.7,SNR=14
FINES pmax pmax

NOA NORSTAR Array B 70.52 337 P P 18 28 29.8 -1.7
comp=2.2,3nm,0.9s,mb4.0,baz=6.2,slow=9.5,SNR=5.7
comp=2.1,4nm,0.8s,mb3.8,baz=4.0,slow=5.9,SNR=3.6

Code Station Name Az AZZ Phase ID Time Res ISC
JOW Kunigami 14.31 292 LR LR 18 44 27.4
JAW Matsushiro Arr 15.06 345 LR LR 18 45 47.7
KRSR Korea Array 20.19 323 P P 18 41 31.6 -1.1

ISCJB 20 18:49:31.6:0.5, 1078N-003.6241W,003,h80km,6km,
Error ellipse: s-maj=4.9km s-min=3.6km az=138.9
TRN 20 18:49:32.8, 1080N-62.40W, h97km, MD3.1,
NEIC 20 18:49:32.8, 1080N-62.40W, h97km, MD3.1 (TRN), After TRN

FUNV 20 18:49:32.7, 1085N-62.31W, h71km, MW3.1
ISC 20 18:49:32.5:0.5, 1079N-003.6240W,003,h74km,7km,n24,
0.074/43,4C-4D, Near coast of Venezuela

Code Station Name Az AZZ Phase ID Time Res ISC
GUVI Guiria 0.23 129 i P P 18 49 43.5 -0.2
GUVI Chacachacare 0.64 98 e S 18 49 51.4 -0.5
TCE 0.89 98 e S 18 49 47.9 +0.2

NEIC 20 19:04:50.2:0.1, 4040N-126.65W, h10km, ML4.0 (NCEDC),
Error ellipse: s-maj=25.9km s-min=7.1km az=78.0
ISC 20 19:04:51.9:2.8, 4057N-126.44W, h0km, mb3.1/2,
mb1 3/74, mb1mx3/4/23, mb1tmp3/3/4, ML3.4/1, MS2.9/2,
Ms1 2/9.2, ms1mx2/3/12, Error ellipse: s-maj=30.6km
s-min=24.6km az=80.0

Code Station Name Az AZZ Phase ID Time Res ISC
JCC Jacoby Creek 2.12 76 i P P 19 05 22.6 -2.0
O01C Est River Cons 2.25 94 i P P 19 05 25.2 -1.2
KRMB Red Mountain 2.45 60 e Pn 19 05 27.5 -1.6

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BUOR Burton Butte 3.90 59 i P Pn 19 05 50.3 +1.2
FARB Farallon Isles 3.94 131 i P Pn 19 05 48.8 -0.8
BBOR Butler Butte 3.96 49 i P Pn 19 05 49.7 -0.3

Code Station Name Az AZZ Phase ID Time Res ISC
LBCM Butte Creek Ri 4.13 81 P Pn 19 05 53.4 +1.1
OHCM Honcut 4.17 102 e P 19 05 53.0 +0.2
HOG Hoback Mounta 4.24 52 i P Pn 19 05 54.4 +0.7

ISCJB 20 18:49:07.8:0.8, 218N-01.1430E,02,h25km,mb3.4/7,
Error ellipse: s-maj=29.2km s-min=16.3km az=166.5
NEIC 20 19:08:10.4:0.6, 2183N-143.14E, Error ellipse:
s-maj=23.8km s-min=14.0km az=84.0
ISC 20 19:08:10.2:1.0, 2183N-143.20E, h24km,5km,mb3.3/8,
mb1 3/6/8, mb1mx3/3/8, Error ellipse: s-maj=28.8km s-min=20.2km
az=77.0

ISC 20 19:08:10.8:0.8, 2181N-01.1431E,02,h26km,
h26km,1.3km,pp-P,n13,0.025/11,mb3.4/7,Mariana Islands region

Code Station Name Az AZZ Phase ID Time Res ISC
JOW Kunigami 14.3 293 LR LR 19 16 37.3
KRSR Korea Array 20.39 323 P P 19 12 45.7 +0.1
ASAJ Asashikawa 22.24 359 LR LR 19 21 13.9

Bji 20 19:13:49.6, 3839N-10172E, h14km, ML3.5, Gansu
Code Station Name Az AZZ Phase ID Time Res ISC
GTA Gaotai 1.80 305 PG Pg 19 14 22.1 -2.1

Code Station Name Az AZZ Phase ID Time Res ISC
GTA SG Sg 19 14 46.6 -1.0
GTA Smax
GTA comp=N,511nm,0.5s
LZH Lanzhou 2.86 143 PG Pg 19 14 40.4 -3.9

ATH 20 19:21:49.1, 3896N-2595E, h59km, MD3.2/3
CSEM 20 19:21:50.9:2.4, 3877N-2608E, h25km, MD2.9, Error
ellipse: s-maj=10.5km s-min=6.5km az=91.0
ISCJB 20 19:21:51.1:1.2, 3876N-2604E,01,h25km,8km, Error
ellipse: s-maj=14.9km s-min=5.5km az=167.0
DDA 20 19:21:51.7, 3878N-2607E, h7km,2km, MD2.9
ISK 20 19:21:51.9, 3900N-2641E, h5km, MD2.9
ISC 20 19:21:51.0:1.4, 3876N-2604E,01,h20km,10km,n12,
0.111/19, Aegean Sea

Code Station Name Az AZZ Phase ID Time Res ISC
PRK Paraskevi 0.54 24 e P 19 22 01.1 -0.7
URLA Izmir 0.62 129 i S Pb 19 22 02.9 -0.3

Code Station Name Az AZZ Phase ID Time Res ISC
NISR Nisros 0.09 235 e P Pg 19 28 36.5 +0.6
DAT Daira 0.73 40 e S Sg 19 28 37.6 -1.7
DAT eSg Sg 19 28 42.6 -0.8

MEX 20 19:37:53.1:0.7, 1647N-9432W, h92km,14km, MD4.2,
Oaxaca
Code Station Name Az AZZ Phase ID Time Res ISC
CMIG Matias Romero 0.82 319 i P Pn 19 38 10.1 -1.0

Code Station Name Az AZZ Phase ID Time Res ISC
CMIG iS Pn 19 38 22.9 -1.6
TUIG Tuzandepetl 1.56 356 i P Pn 19 38 17.6 -2.2

Code Station Name Az AZZ Phase ID Time Res ISC
CMIG iS Pn 19 38 38.5 -1.5
SCX San Cristobal 1.64 80 i S Sn 19 38 30.0 -8.7
CCIG San Conitlan 2.10 95 i S Sn 19 38 27.7 +1.0

Table with columns: WHO, PPM, Popocatepetl, iS, S, Sn, 19 38 57.7, -1.6, 19 39 57.7, -0.9

ISCJB 20 19:41:34.5,0.6,29565.003:712W.0,1,h5km,4km, mb4.1/6, MS3.4/4, Error ellipse: s-maj=16.9km s-min=4.3km az=8.6

GUC 20 19:41:34.9,0.7,29558.7109W,h52km,5km,ML4.5 NEIC 20 19:41:34.9,29558.7109W,h52km,ML4.5(GUC), After GUC

IDC 20 19:41:38.4,0.9,29455.7117W,h74km,6km,mb3.8/6, mb1.3/8/10,mb1mx3.7/19,mbmp3.7/10,MS3.4/4, Ms1.3/4.4,ms1mx3.0/22, Error ellipse: s-maj=25.0km s-min=12.0km az=56.0

ISC 20 19:41:35.6,0.6,29555.003:712W.0,1,h49km,5km, h63km,5.4km:pp-P,n31,0:658/40,mb4.1/6,MS3.4/4,4C, Near coast of central Chile

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

BJI 20 19:51:09.9,2573N:14467E,h15km,mb4.8,mb4.7,Ms4.4, Ms2.4 JMA 20 19:51:16.9,0.4,2668N:144.18E,h0km,Ms4.4

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

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

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



20d 20h

Table with columns: AML, Almayashu, 58.66 305 eP, P, 20 01 17.4 +1.1, etc. Includes various station codes and coordinates.

ISC 20 19:55:56.0-66.0, 218N-9721E, h0km, mb3.7/3, mb1 3.7/3, mb1 mx3.4/20, mbtmp3.7/3, MS4.1/1, Ms1 4.1/1, ms1mx3.1/33, Error ellipse: s-maj=1268.0km s-min=153.3km az=175.0, Northern Sumatera

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc. Includes stations like BATI Kupang, SONK Songino Arra, MKAR Makanchi Arra, ZALV Zalesovo Beam, etc.

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Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc. Includes stations like HNR Honiara, KAKA Kakadu, CTA Charters Tower, etc.

FUNV 20 20:03:51.8, 749N-7244W, h1km, MW3.6, 1C-1D, Northern Colombia

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc. Includes stations like CAPV Capacho, VIGV El Vigia, SOCV Socops, etc.

NIED 20 20:29:00, 2930N-14250E, h5km, Mw4.6 Best double couple: M8.45000\*1015 NP18\*59.00000\*879.00000\*1113.00000... NP2\*6\*172.00000\*826.00000\*126.260000\*...

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc. Includes stations like BJI Beijing, WHN Wuhan, HHC Hu-ho-hao-te, etc.

5C-5D, Southeast of Honshu

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc. Includes stations like CBJ Chichi jima, JHU Haha-jima-NKT, JHU Mitsune, etc.

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Table with columns: JOW Kunigami, ERM Erimo, KRSR Korea Array, ASAJ Asahikawa, INCN Inchon, GUMO Guam, VLA Vladivostok, YSS Yuzh-Sakhalins, etc. Includes various station codes and coordinates.



Table with columns: Station, Time, Res, Code, Station Name, Phase, ID, Time, Res, Code. Includes stations like LZH, SOMM, CD2, YAK, KMI, ZAK, etc.

Table with columns: Station, Time, Res, Code, Station Name, Phase, ID, Time, Res, Code. Includes stations like BVAR, BRVK, STKA, INK, KBL, SVE, etc.

Table with columns: Station, Time, Res, Code, Station Name, Phase, ID, Time, Res, Code. Includes stations like YUK, NEM2, JRA, JNK, etc.

NEIC 20:41:16.0,0.3, 4733N;15291E, h10km, mb4.6/37, Error ellipse: s-maj=8.4km, s-min=5.3km, az=152.0
BUJ 20:41:18.8, 4724N-15334E, h30km, mb4.8, ms4.5, Ms4.2, Ms4.2
JMA 20:41:19.0,0.7, 4711N;15354E, h30km, M4.5
ISCJB 20:41:20.0,0.3, 4715N;004;15312E;0.05, h58km, mb4.4/63, MS3.6/7, Error ellipse: s-maj=7.4km, s-min=3.0km, az=142.8

Table with columns for station call letters, frequency, and other technical details. Includes stations like LZH, EGAK, Chengdu, ZALV, WMQ, YKA, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like DRGR, MOX, WEIN, NKC, TXAR, etc.

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

ISCJB 20 20:49:18.3z.1.1, 1539N:009.9512W:004,h10km,mb3.5/3, Error ellipse: s-maj=12.9km s-min=5.5km az=9.4

ISC 20 20:49:20.9z.1.2, 1548N:009.9508W:004,h10km,n14, a1918/22,mb3.5/3, Near coast of Oaxaca

Table with columns for station call letters, frequency, and other technical details. Includes stations like HUIG, HUIG, CMIG, etc.

NEIC 20 20:52:02.9z.1.8, 891S:124.60E,h52km,22km,mb4.4/1, Error ellipse: s-maj=48.0km s-min=9.9km az=51.0

ISCJB 20 20:52:06.2z.1.7, 93S:02z.1243E:02,h123km,17km, mb4.3/9, Error ellipse: s-maj=40.3km s-min=8.4km az=36.2

ISC 20 20:52:04.0z.1.5, 90S:01z.1245E:01,h75km,17km,n22, a66/29,mb4.5/3, Timor region

Table with columns for station call letters, frequency, and other technical details. Includes stations like BATI, KUPI, KUPI, etc.

IDC 20 21:06:42.8z.0.6, 624N:78.76W,h0km,mb4.2/12, mb1 4.4/15, mb1mx3.4/2, mbtpm3.4/15, ML3.4/3, MS3.5/8, Ms1 3.5/15, ms1mx2.2/29, Error ellipse: s-maj=24.2km s-min=14.0km az=67.0

ISCJB 20 21:06:43.5z.1.8, 648N:005:7864W:005,h2km,11km, mb4.4/32, MS3.9/5, Error ellipse: s-maj=10.1km s-min=6.6km az=44.4

CASC 20 21:06:46.8z.0.2, 640N:78.69W,h35km,182km,MD4.2, mb4.5/NEIC

NEIC 20 21:06:47.4z.0.4, 627N:78.70W,mb4.5/24, Error ellipse: s-maj=12.6km s-min=6.9km az=58.0

BUI 20 21:06:47.4, 630N:78.70W,h28km,mb4.9,Ms5.0,Ms2.4

ISC 20 21:06:45.0z.2.1, 647N:005:7862W:005,h1km,13km,n145, a1506/137,mb4.5/32,MS3.9/5,Phase ID, South of Panama

Table with columns for station call letters, frequency, and other technical details. Includes stations like AZU, AZU, ZANG, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.





Table with columns for station call letters, name, frequency, and other details. Includes stations like DLH, BHK, PSI, IMA2, THN, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like DAG, OBN, OBV, OBK, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like KLBR, MIB, MIB, B07A, etc.



H07A	baz=73,SNR=15	73.67	46	↑P	P	22 30 36.2 +0.5
I06A	Primeville	73.69	47	↓P	P	22 30 36.7 +0.9
N02C	baz=73,SNR=13	73.70	51	P	P	22 30 36.7 +0.7
L04A	Klamath Falls	73.76	49	↓P	P	22 30 36.8 +0.6
A13A	Flathead Natio	73.77	40	↓P	P	22 30 36.6 +0.4
BALT	Dadley	73.78	310	↑P	P	22 30 37.3 +1.0
O01C	Eel River Cons	73.78	52	↑P	P	22 30 37.7 +1.3
E10A	Myers Farm, Un	73.88	43	P	P	22 30 37.0 +0.2
F09A	S2 Ranch, Elji	73.92	44	↓P	P	22 30 37.6 +0.5
WALA	Waterton Lakes	73.94	40	eP	P	22 30 37.3 +0.2
D11A	Klaveano Farm,	73.95	43	P	P	22 30 37.0 -0.2
I07A	Izee	74.02	46	↓P	P	22 30 38.1 +0.4
K05A	Summer Lake	74.03	48	↓P	P	22 30 38.5 +0.7
M04C	Macdoel	74.03	49	↓P	P	22 30 38.6 +0.8
B13A	Whitefish	74.10	41	↓P	P	22 30 38.4 +0.3
F10A	Beach Ranch, E	74.13	44	↑P	P	22 30 38.4 +0.1
J06A	Christmas Vall	74.14	47	↑P	P	22 30 38.9 +0.5
M03C	McCloud	74.16	50	↑P	P	22 30 39.1 +0.5
K03M	Cahto Peak	74.20	52	eP	P	22 30 39.4 +0.6
H08A	Prairie City	74.22	46	↓P	P	22 30 39.2 +0.4
G09A	Cove	74.26	45	P	P	22 30 39.2 +0.2
CDAG	Cicekdag	74.30	308	↑P	P	22 30 37.4 -2.0
WDC	Whiskeytown Da	74.31	51	eP	P	22 30 39.7 +0.2
WDC	Whiskeytown Da	74.31	51	eP	P	22 30 39.8 +0.4
K06A	Valley Fores	74.36	48	↑P	P	22 30 40.1 +0.4
BSD	Bornholm Skovb	74.40	329	↑P	P	22 30 38.8 -0.8
BSD	comp=Z,22nm,0.8s,mb4.9				pmax	
BSD	Gornholm Skovb	74.40	329	↑P	P	22 30 38.8 -0.8
O02C	Red Bluff	74.40	51	↓P	P	22 30 40.7 +0.7
E11A	Bogner Ranch,	74.45	43	↓P	P	22 30 39.9 -0.3
L05A	Lakeview	74.47	49	↑P	P	22 30 41.1 +0.7
D12A	Red Ives Fores	74.47	42	↑P	P	22 30 40.2 0.0
P01C	Double 8 Ranch	74.48	52	↑P	P	22 30 40.9 +0.5
C13A	Hot Springs	74.48	41	↓P	P	22 30 40.8 +0.5
J07A	Hines	74.56	47	↑P	P	22 30 41.5 +0.8
G10A	Bishop Farm, J	74.61	44	↓P	P	22 30 41.2 +0.1
KWP	Kalwaria	74.62	322	eP	P	22 30 41.2 +0.2
KWP	Kalwaria	74.62	322	eP	P	22 30 41.2 +0.2
KWP	Kalwaria	74.62	322	↑P	P	22 30 41.5 +0.5
BURAR	Bucovina Array	74.65	319	↑P	P	22 30 41.6 +0.3
I08A	Drewsey	74.65	46	↓P	P	22 30 41.9 +0.5
M05C	Lookout	74.69	49	↓P	P	22 30 42.0 +0.4
H09A	Durkee	74.70	45	↑P	P	22 30 42.0 +0.4
GKP	Gorka Klasztor	74.71	327	eP	P	22 30 41.3 -0.1
GKP	Gorka Klasztor	74.71	327	eP	P	22 30 41.3 -0.2
GASB	Alder Springs	74.76	52	↓P	P	22 30 43.2 +1.2
F14A	Grangeville	74.77	43	↓P	P	22 30 41.7 -0.3
BMO	Blue Mountains	74.78	45	eP	P	22 30 42.2 +0.2
HATC	Hat Creek Radi	74.83	50	↓P	P	22 30 42.9 +0.5
C14A	Swan Lake	74.86	41	↑P	P	22 30 42.7 +0.3
MOD	Modoc	74.87	49	eP	P	22 30 43.3 +0.7
MOD	Modoc	74.87	49	↓P	P	22 30 42.9 +0.3
D13A	Huson	74.92	42	↓P	P	22 30 42.3 -0.5
HOPS	Hopland	74.93	52	↓P	P	22 30 43.2 +0.3
VRI	Vriniciaoia	74.96	317	P	P	22 30 44.5 +1.4
VRI	Vriniciaoia	74.96	317	↑P	P	22 30 44.0 +1.0
O03C	Acorn Hollow,	74.97	51	↑P	P	22 30 43.7 +0.5
COP	Copenhagen	74.97	331	eP	P	22 30 42.3 -0.6
COP	comp=Z,12nm,0.8s,mb4.7				pmax	
COP	Copenhagen	74.97	331	iP	P	22 30 42.3 -0.6
FLOR	Plostina	75.01	317	↑P	P	22 30 44.2 +0.9
K07A	Rock Creek Ran	75.01	47	↑P	P	22 30 44.0 +0.6
G11A	Walters Elk Ra	75.02	44	↓P	P	22 30 42.9 -0.5
HARR	Harsova	75.03	315	↑P	P	22 30 44.2 +0.7
J08A	Circle Bar Ran	75.05	47	↑P	P	22 30 44.1 +0.5
I09A	Lost Marbles R	75.09	46	↓P	P	22 30 44.2 +0.4
ANTO	Ankara	75.13	309	P	P	22 30 45.3 +1.1
ANTO	Ankara	75.13	309	P	P	22 30 45.3 +1.1
ANTO	Ankara	75.13	309	↑P	P	22 30 45.1 +1.0
M05C	Likely Place G	75.19	49	↓P	P	22 30 45.0 +0.6
H10A	Noah's Angus R	75.26	45	↑P	P	22 30 44.6 -0.2
FCC	Fort Churchill	75.31	24	eP	P	22 30 44.1 -0.6
FCC	comp=Z,64nm,0.9s,mb5.3				pmax	
FCC	Fort Churchill	75.31	24	eP	P	22 30 44.1 -0.6
F12A	Elk City	75.34	43	P	P	22 30 45.4 +0.2
MSO	Missoula	75.36	42	eP	P	22 30 45.0 -0.2
MSO	Chester	75.36	50	↓P	P	22 30 46.1 +0.7
L07A	Adell	75.37	48	↓P	P	22 30 46.2 +0.8
SFJD	Kangerlussuaq	75.38	2	↑P	P	22 30 44.8 -0.2
SFJD	comp=Z,45nm,1.0s,mb5.2				pmax	
SFJD	Kangerlussuaq	75.38	2	eP	P	22 30 44.6 -0.4
SFJD	comp=Z,68nm,1.3s,mb5.2				pmax	
MNRC	McLaughlin Nat	75.39	52	↑P	P	22 30 46.4 +0.8
D14A	Greenough	75.42	41	↓P	P	22 30 45.3 -0.3
K08A	Mann Creek Ran	75.43	47	↓P	P	22 30 46.4 +0.6
J09A	Fry Pan Ranch,	75.47	46	↑P	P	22 30 46.5 +0.5
E13A	Victor	75.48	42	↓P	P	22 30 45.2 -0.7
STHS	Stebnicka Huta	75.48	322	eP	P	22 30 46.5 +0.6
STHS	comp=Z,7.0nm,0.7s,mb4.5				pmax	
STHS	Stebnicka Huta	75.48	322	eP	P	22 30 46.5 +0.6
UZH	Uzhgorod	75.48	321	↑P	P	22 30 45.2 -0.7
FFC	Filin Flon	75.50	30	P	P	22 30 45.8 -0.1
FFC	comp=Z,493nm,0.7s,mb5.3,SNR=23				pmax	
FFC	Filin Flon	75.50	30	eP	P	22 30 45.2 -0.7
FFC	comp=Z,72nm,0.9s,mb5.4				pmax	
FFC	Filin Flon	75.50	30	eP	P	22 30 45.2 -0.7

FFC	comp=Z,72nm,0.9s,mb5.4					
WVOR	Wild Horse Val	75.53	47	P	P	22 30 46.7 +1.0
I10A	Payette	75.55	45	↓P	P	22 30 46.8 +0.4
ORV	Oroville	75.57	51	↑P	P	22 30 46.2 -0.4
SUTB	Sutter Butte	75.59	51	↑P	P	22 30 46.0 -0.7
H11A	Donnelly	75.60	44	↑P	P	22 30 46.2 -0.5
MLR	Muntele Rosu	75.62	317	↑P	P	22 30 47.0 +0.2
MUD	Monsted U'grnd	75.64	332	eP	P	22 30 46.1 -0.5
MUD	comp=Z,10.0nm,1.0s,mb4.5				pmax	
MUD	Monsted U'grnd	75.64	332	iP	P	22 30 46.1 -0.5
OJC	Ojcow	75.64	323	eP	P	22 30 46.9 +0.2
CHMT	Chamberlain Mo	75.66	41	eP	P	22 30 46.6 -0.3
O05C	Onicy	75.68	50	↓P	P	22 30 47.4 +0.2
TRPA	Tarpa	75.69	320	↑P	P	22 30 47.6 +0.5
CVS	Carment Viney	75.70	53	↓P	P	22 30 47.4 0.0
OHCM	Honcun	75.71	51	eP	P	22 30 47.1 -0.3
CRVS	Cervenica-Dubn	75.72	322	eP	P	22 30 47.1 -0.1
Q03C	Winters	75.81	52	↑P	P	22 30 49.0 +1.1
L08A	Field,SNR=8.1	75.85	47	↑P	P	22 30 48.6 +0.5
N06A	Buffalo Meadow	75.85	49	↓P	P	22 30 48.6 +0.4
M07A	Soldier Meadow	75.86	48	↑P	P	22 30 48.8 +0.6
E14A	Clinton	75.86	42	↑P	P	22 30 47.8 -0.3
K09A	Rome	75.89	47	↑P	P	22 30 48.6 +0.3
NIE	Niedzica	75.93	322	eP	P	22 30 49.1 +0.7
D15A	Lincoln	75.96	41	↓P	P	22 30 48.5 -0.1
J10A	Berg Farm, Mel	75.98	46	↓P	P	22 30 48.7 -0.1
BEKR	Beckwourth	76.08	50	↓P	P	22 30 49.5 +0.1
Q04C	Lincoln	76.08	52	↓P	P	22 30 49.3 -0.2
I11A	Placerville	76.13	45	↑P	P	22 30 49.5 -0.1
O06A	Flanigan	76.22	50	↓P	P	22 30 50.6 +0.4
P05C	Yuba Gap, Truc	76.27	51	↑P	P	22 30 50.7 +0.2
M08A	Happy Creek Ra	76.29	48	↑P	P	22 30 51.3 +0.7
E15A	Dee Edge	76.30	41	↑P	P	22 30 50.5 0.0
BDM	Black Diamond	76.31	53	↓P	P	22 30 51.0 +0.3
F14A	Wisdom	76.32	42	↑P	P	22 30 50.5 -0.1
G13A	Cobalt	76.32	43	↑P	P	22 30 49.8 -0.8
K10A	MacKenzie Ranc	76.33	46	P	P	22 30 51.4 +0.6
H12A	Diamond D Ranc	76.33	44	↓P	P	22 30 50.8 +0.1
L09A	Wilkinson Ranc	76.35	47	↑P	P	22 30 51.5 +0.6
N07B	Geitch	76.35	49	↓P	P	22 30 51.6 +0.6
JRSC	Jasper Ridge	76.41	53	↑P	P	22 30 50.9 -0.4
P06A	Stead Airport,	76.47	50	↓P	P	22 30 52.2 +0.6
DRGR	76.49	319	P	P	22 30 52.0 +0.4	
DRGR	76.49	319	↑P	P	22 30 51.8 +0.2	
MFID	Camas Ranch	76.52	45	P	P	22 30 52.3 +0.5
LAVA	Lava Cap Winer	76.52	51	↑P	P	22 30 51.9 0.0
ESKT	Eskisehir	76.53	310	↑P	P	22 30 51.9 -0.1
HRV	Holler Researc	76.53	41	eP	P	22 30 52.1 +0.2
WENL	West Brothers	76.58	53	↓P	P	22 30 52.0 -0.2
BNLO	Ben Lomond (Sa	76.61	53	↓P	P	22 30 52.4 0.0
H13A	Challis	76.65	44	P	P	22 30 52.4 -0.2
OKC	Ostrava-Krasne	76.67	324	eP	P	22 30 52.9 +0.3
R04C	Big Horse Ranc	76.70	52	↓P	P	22 30 52.7 -0.3
EGMT	Eggleton	76.71	39	eP	P	22 30 52.8 0.0
EGMT	Eggleton	76.71	39	↓P	P	22 30 52.7 -0.1
F15A	Butte	76.76	42	eP	P	22 30 53.3 +0.4
PAHR	Pat Rah Ranc	76.77	50	↓P	P	22 30 53.7 +0.4
O07A	Toulon	76.79	49	↑P	P	22 30 54.1 +0.7
WCN	Washoe City	76.79	50	↑P	P	22 30 54.0 +0.5
LRM	Limekiln Ridge	76.80	42	eP	P	22 30 53.7 +0.4
K11A	Parker Ranch,	76.81	46	↑P	P	22 30 53.7 +0.3
KSP	Kaslo	76.82	325	eP	P	22 30 53.7 +0.3
KSP	Ksiaz	76.82	325	eP	P	22 30 53.4 0.0
M09A	Marrel Ranch,	76.85	48	↑P	P	22 30 54.4 +0.8
N08A	Ge Springer Mi	76.85	48	↑P	P	22 30 54.3 +0.6
S04C	Ingram Canyon,	76.92	53	↓P	P	22 30 54.2 0.0
R05C	Kirkwood Meado	76.96	51	↑P	P	22 30 54.7 +0.3
MORC	Moravsky Berou	77.00	324	eP	P	22 30 54.4 +0.1
MORC	Moravsky Berou	77.00	324	↑P	P	22 30 54.8 +0.5
L10A	Juniper Basin	77.00	47	↓P	P	22 30 55.2 +0.6
DLMT	Dillon	77.02	42	eP	P	22 30 55.0 +0.5
J12A	Stokes Ranch,	77.03	45	↑P	P	22 30 55.0 +0.3
BSEB	Bad Segeberg	77.09	330	eP	P	22 30 54.8 0.0
I13A	Wilsons Cree	77.15	44	↑P	P	22 30 56.0 +0.8
PSZ	Piszkesteto	77.15	322	eP	P	22 30 55.8 +0.6
PSZ	Piszkesteto	77.15	322	↑P	P	22 30 55.7 +0.5
DPD	Dobruska-Polom	77.16	325	eP	P	22 30 55.7 +0.5
N09A	Rock Creek Ran	77.16	48	↓P	P	22 30 56.1 +0.7
P07A	Fallon	77.17	50	↓P	P	22 30 56.3 +0.9
CMB	Columbia Colle	77.18	52	eP	P	22 30 55.8 +0.2
CMB	Columbia Colle	77.18	52	eP	P	22 30 55.8 +0.2
CMB	Columbia Colle	77.18	52	↓P	P	22 30 55.8 +0.2
UPC	Upiece	77.19	325	eP	P	22 30 55.8 +0.4
G15A	Dillon	77.21	42	↑P	P	22 30 55.9 +0.3
HLID	Hailey	77.21				





Table with columns: LAST, Lasith, 1.01 239 ePg, Pn, 00 34 23.2 0.0, comp=Z.29nm,19.0s,baz=130,slov=33

ISJCJB 21 00:39:05.9.1.1, 187S.02.176.1W.02, h33km, mb4.7/8, Error ellipse: s-maj=25.1km s-min=22.5km az=168.3

NEIC 21 00:39:08.0.1.1, 18700S.17609W, h35km, mb4.7/7, Error ellipse: s-maj=25.5km s-min=23.0km az=175.0

ICC 21 00:39:49.1.6.7, 2004S.17650W, h423km, 108km, mb4.0/4, mb1.4/1.5, mb1mx3.5/16, mbtmp3.9/5, Error ellipse: s-maj=203.2km s-min=24.3km az=66.0

ISC 21 00:39:08.1.1.1, 187S.02.176.1W.02, h35km, n15, az=897/15, mb4.7/8, 3J, Fiji Islands region

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

ISK 21 00:41:49.5, 3735N.2662E, h2km, MD3.2, CSEM 21 00:41:50.9.1, 3734N.2667E, h8km, MD2.9, Error ellipse: s-maj=3.2km s-min=2.9km az=21.0

ISJCJB 21 00:41:50.8.0.5, 3733N.002.2661E.003, h8km, Error ellipse: s-maj=4.0km s-min=3.2km az=140.2

DDA 21 00:41:50.7, 3733N.2662E, h6km, 1km, MD2.9, ATH 21 00:41:51.4, 3733N.2667E, h3km, MD3.2/3, THE 21 00:41:51.4, 3735N.2667E, h7km, ML3.0

ISC 21 00:41:51.3.0.5, 3733N.002.2662E.003, h2km, 5km, n24, e108/11, Decadence Islands

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

ICC 21 00:45:24.2.10.0, 2175N.1430E, h176km, 102km, mb3.1/7, mb1.3/3.7, mb1mx3.2/19, mbtmp3.1/7, MS2.9/3, Ms1.2/9.3, ms1mx2.8/8, Error ellipse: s-maj=47.4km s-min=16.0km az=81.0, Mariana Islands region

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

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

IDC 21 01:09:35.3.16.0, 4497N.14594E, h0km, mb3.8/4, mb1.4/0.4, mb1mx3.5/20, mbtmp3.8/4, Error ellipse: s-maj=385.7km s-min=46.5km az=176.0

ISJCJB 21 01:10:43.0.4.0.6, 476N.0.1.1464E.03, h540km, 17km, mb3.4/4, Error ellipse: s-maj=32.4km s-min=21.3km az=21.7

MOS 21 01:10:43.2.0.6, 4795N.14624E, h523km, mb3.7/1, Error ellipse: s-maj=85.2km s-min=31.2km az=77.9

NEIC 21 01:10:44.3.0.8, 4791N.14642E, h516km, 18km, mb4.3/1, Error ellipse: s-maj=33.1km s-min=25.5km az=148.0

ISC 21 01:10:44.2.0.6, 478N.0.1.1466E.03, h523km, 19km, n21, e085/24, mb3.4/4, 1C, Northwest of Kuril Islands

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

NIED 21 01:21:00, 2750N.14120E, h20km, Mw5.0, Best double couple: M3.17000.1016 NP1.8.116.00000.887.00000.1.155.00000. NP2.208.00000.865.00000.1.4.00000.0

ISJCJB 21 01:21:46.9.0.4, 2728N.004.14089E.008, h203km, 4km, mb4.1/2/3, Error ellipse: s-maj=12.3km s-min=5.8km az=165.4

IDC 21 01:21:47.5.0.6, 2731N.14059E, h191km, 5km, mb3.7/15, mb1.3/8/7, mb1mx3.7/23, mbtmp3.7/17, Error ellipse: s-maj=15.0km s-min=9.3km az=83.0

MOS 21 01:21:47.2.0.9, 2728N.14044E, h203km, mb4.2/4, Error ellipse: s-maj=22.4km s-min=7.7km az=94.4

BJI 21 01:21:49.2, 2740N.14060E, h205km, mb4.8, mb4.6, JMA 21 01:21:49.5.0.1, 2750N.14116E, h196km, 4km, M4.7

JMA Felt J1, NEIC 21 01:21:49.2.1.1, 2735N.14060E, h206km, 11km, mb4.9/5, MW4.9(NIED), Error ellipse: s-maj=13.6km s-min=7.2km az=86.0

NEIC Recorded (1 JMA) in the Chichijima-retto. ISC 21 01:21:47.8.0.4, 2729N.004.14077E.008, h192km, 5km, h196km, 6.2km; pp-P, n71, e108/80, mb4.1/23, 2C-4D, Bonin Islands region

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

ISJCJB 21 02:09:52.5.1.3, 2175N.14322E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.5/19, mbtmp3.5/4, MS2.7/1, Ms1.2/7.1, ms1mx2.3/28, Error ellipse: s-maj=57.8km s-min=25.1km az=90.0, Mariana Islands region

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

ISC 21 02:09:52.5.1.3, 2175N.14322E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.5/19, mbtmp3.5/4, MS2.7/1, Ms1.2/7.1, ms1mx2.3/28, Error ellipse: s-maj=57.8km s-min=24.8km az=90.0, Mariana Islands region

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

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

IDC 21 07:40:06.8.1.3, 2184N.14333E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.5/19, mbtmp3.5/4, MS2.7/1, Ms1.2/7.1, ms1mx2.3/28, Error ellipse: s-maj=57.8km s-min=25.1km az=90.0, Mariana Islands region

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

ISC 21 02:09:52.5.1.3, 2175N.14322E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.5/19, mbtmp3.5/4, MS2.7/1, Ms1.2/7.1, ms1mx2.3/28, Error ellipse: s-maj=57.8km s-min=24.8km az=90.0, Mariana Islands region

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

ISC 21 02:09:52.5.1.3, 2175N.14322E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.5/19, mbtmp3.5/4, MS2.7/1, Ms1.2/7.1, ms1mx2.3/28, Error ellipse: s-maj=57.8km s-min=24.8km az=90.0, Mariana Islands region

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

ISC 21 02:09:52.5.1.3, 2175N.14322E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.5/19, mbtmp3.5/4, MS2.7/1, Ms1.2/7.1, ms1mx2.3/28, Error ellipse: s-maj=57.8km s-min=24.8km az=90.0, Mariana Islands region

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

ISC 21 02:09:52.5.1.3, 2175N.14322E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.5/19, mbtmp3.5/4, MS2.7/1, Ms1.2/7.1, ms1mx2.3/28, Error ellipse: s-maj=57.8km s-min=24.8km az=90.0, Mariana Islands region

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

ISC 21 02:09:52.5.1.3, 2175N.14322E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.5/19, mbtmp3.5/4, MS2.7/1, Ms1.2/7.1, ms1mx2.3/28, Error ellipse: s-maj=57.8km s-min=24.8km az=90.0, Mariana Islands region

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

ISC 21 02:09:52.5.1.3, 2175N.14322E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.5/19, mbtmp3.5/4, MS2.7/1, Ms1.2/7.1, ms1mx2.3/28, Error ellipse: s-maj=57.8km s-min=24.8km az=90.0, Mariana Islands region

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

ISC 21 02:09:52.5.1.3, 2175N.14322E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.5/19, mbtmp3.5/4, MS2.7/1, Ms1.2/7.1, ms1mx2.3/28, Error ellipse: s-maj=57.8km s-min=24.8km az=90.0, Mariana Islands region

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

ISC 21 02:09:52.5.1.3, 2175N.14322E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.5/19, mbtmp3.5/4, MS2.7/1, Ms1.2/7.1, ms1mx2.3/28, Error ellipse: s-maj=57.8km s-min=24.8km az=90.0, Mariana Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include VLS Valsamata, LKD Levkas, Riolos of Patr, IGT Igoumenitsa, etc.

WEL 21 02:11:47.8-4.7, 3.8665-17879E, h90km, s181km, ML3.6/4, 1C, Error ellipse: s-maj=63.0km s-min=42.4km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PUK Puketiti, MWZ Matawai, MXZ Matakoa Point, etc.

IDC 21 02:21:16.0-7.0, 3628N-7101E, h164km, s64km, mb3.2/9, mb1.3/12, mb1mx3.2/24, mbtmp3.1/12, Error ellipse: s-maj=33.9km s-min=18.2km az=20.0

MOS 21 02:21:17.0-6.0, 3643N-7101E, h191km, mb4.7/1, Error ellipse: s-maj=24.2km s-min=11.7km az=86.8

ISCJB 21 02:21:19.0-5.0, 3656N-004-7114E-007, h206km, s6km, mb3.3/9, Error ellipse: s-maj=11.1km s-min=6.5km az=14.0

NEIC 21 02:21:20.7-0.5, 3653N-7119E, h205km, s6km, mb1.7/4, Error ellipse: s-maj=12.2km s-min=7.9km az=124.0

NCC 21 02:21:27.4-4.4, 3714N-7098E, h224km, s37km, mb2.5, mpv4.0, Error ellipse: s-maj=46.6km s-min=23.0km az=34.0

ISC 21 02:21:20.6-0.5, 3655N-004-7115E-007, h200km, s6km, n38, e092/44, mb3.3/9, 4C-9D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KBL Kabul, THN Thain Dam, AML Almayashu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include UCH Uchtor, KZA Kyzart, EKS2 Erkin-Say, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include EKS2 Erkin-Say, KK31 Karatay Array, AAK Ata-Archa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KBK Kargaybulak, ULHL Ulhoh, USP Ospanovka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TKM2 Tokmak 2, MK31 Makanchi Array, MK31 Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BVAR Borovoye Array, AKTO Aktyubinsk, ZAL Zalesovo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include OBN Obninsk, AKASG Malin Array, FINES FINES Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KRSR, ASAJ Ashikawa, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WBR Warramunga Arr, WRA Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WMQ Urumqi, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TKM2 Tokmak 2, UCH Uchtor, AML Almayashu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BVAR Borovoye Array, YKA Yellowknife Arr, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PPT Papeete, FINES FINES Array, NVAR Niua Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AKASG Malin Array, PLCA Paso Flores, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CMCH Combarbala, PEL Peldehue, OVCH Ovalle, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TACH Talagante, TLL Tololo Astrono, CHCH Chadas Angostu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CSEM 21 03:18:28.7-0.1, BEO 21 03:18:29.6-0.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CACH El Canelo, GRUS Gruza, SJES Sjenica, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BUM Brajici-Budva, KKB Krupnik, BRY Bratogost, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include OHR Ohrid, VAY Valandovo, VAY Valandovo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include HCY Herceg Novi, BIA Bitola, BIA Bitola, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include FGSL Fruska Gora, KNT Kendrikon, GRG Griva, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MMB Musumiste, STON Ston, BZS Buzias, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BZS Buzias, CZR Gura Zlata, SRS Serrai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include RZN Rozhen, KDZ Kurdzhali, PKM Moragy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DRGR Drgr, PSZ Piszkesteto, PSZ Piszkesteto, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BURAR Bucovina Array, KRSC 21 04:06:56.0-0.4, MKZ Mys Kozlova, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KBR Kytoberegovo, TUMR Tumrok, KMNRR Kamenistaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SPN Mys Shipunsky, NLN Nalychtovo, AVH Avacha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GNL Ganaly, RUS Russkaya, RUS Russkaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IDC 21 04:08:07.9-1.0, ISCJB 21 04:08:13.7-1.0, NEIC 21 04:08:13.1-0.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MAN 21 04:08:14.7, ISC 21 04:08:14.8, BIPH Bislig, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MATI Mati, DAV Davao City (W), BUKP Musayan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BUKP Musayan, CGP Cagayan de Oro, SCPH Surigao, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TBP Tagbilaran, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WB2 Warramunga Arr, KRSR Korea Array, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include STKA Stephens Creek, MKAR Makanchi Array, FINES FINES Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include YKA Yellowknife Arr, YKA Yellowknife Arr, IDC 21 04:48:58.1-0.9, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBJH Chichijima, KRSR Korea Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, MKAR Makanchi Array, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PLCA Paso Flores, LPAZ La Paz, IDC 21 05:00:41.6-2.8, etc.









Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like 105A Bend, L02A Cave Junction, B12A Libby, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like LOR, PGF Pioggiola, HAU Hautoprem, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like KKN Kakani, PKI Pulchoki, KSR Korea Array, etc.

BUJ 21 05:21:50.3, 2167N, 14393E, h10km, mb4.3
ISCJB 21 05:21:57.8, 0.7, 2177N, 009.1432E, 0.2, h33km, mb4.1/10, MS3.7/8, Error ellipse: s-maj=22.4km s-min=12.9km az=179.5
NEIC 21 05:21:59.4, 0.4, 2185N, 14320E, h35km, Error ellipse: s-maj=18.7km s-min=11.2km az=99.0
IDC 21 05:22:08.5, 0.9, 2181N, 14302E, h115km, 82km, mb3.7/10, mb1.3/9/10, mb1mx3.8/21, mb1mx3.7/10, MS3.6/13, Ms1.3/6/13, mb1mx3.4/37, Error ellipse: s-maj=34.5km s-min=14.1km az=91.0
ISC 21 05:21:59.8, 0.7, 2179N, 009.1433E, 0.2, h35km, n28, 0.896/15, mb4.1/10, MS3.7/8, Mariana Islands region
Code Station Name Az° Az3° Phase ID Time Res
CBJ Chichi jima 5.37 350 LR ISC h m s ISC 05 25 11.8
GUMO Guam 8.30 169 LR 05 26 40.4
JHJ Hachijo jima 2 11.70 345 LR 05 28 58.1
JOU Kunigami 14.55 293 LR 05 30 01.9
JNW Nakatsue 15.74 318 LR 05 30 43.3
KSR Korea Array 20.48 323 P 05 26 37.4 +2.8
KSR Korea Array 2.2m, 0.6s, baz=145, slow=8.4, SNR=8 LR 05 33 21.6
ASA Alice Springs 22.27 359 LR 05 36 11.1
KAP Kappang 35.21 224 P 05 28 511.0
SONM Songo Array 39.31 320 P 05 29 24.4 -0.9
SONM Songo Array 0.9m, 0.5s, mb3.8, baz=130, slow=7.4, SNR=10 LR 05 45 25.5
GTA Gaotai 40.88 306 eP 05 29 39.1 +0.6
GTA AP 41.73 176 LR 05 29 42.6 -6.1
GTA XP 41.73 176 LR 05 29 46.0 -6.9
GTA AMB 41.73 176 LR 05 29 46.0 -6.9
CTA Charters Tower 41.73 176 LR 05 46 08.0
WB2 Warrungunga Arr 42.38 192 eP 05 29 50.9 0.0
WRA Warrungunga Arr 42.38 192 P 05 29 50.5 -0.4
ASA Alice Springs 46.09 192 P 05 30 20.9 +0.4
MKAR Makanchi Array 54.69 313 LR 05 31 25.0 -0.4
MKAR Makanchi Array 54.69 313 P 05 31 25.0 -0.4
MKAR Makanchi Array 54.69 313 P 05 31 25.0 -0.4
MKAR Makanchi Array 54.69 313 P 05 31 25.0 -0.4
MAT Matsushiro 150.58 311 PKP 05 41 36.2 -0.8
KOD Kodiak Island 58.08 35 LR 05 52 48.7
BVAR Borovoye Array 62.65 319 LR 06 03 12.3
INK Inuvik 67.45 24 P 05 32 51.6 0.0
YKA Yellowknife Arr 76.34 28 P 05 33 44.7 -0.3
YKA Yellowknife Arr 76.34 28 P 05 33 44.7 -0.2
PPT Papete 76.50 115 LR 06 02 13.8
NVAR Mina Array Bea 83.03 52 P 05 34 22.9 +1.1
FINES FINESS Array B 83.13 334 P 05 34 19.8 -2.0
FINES FINESS Array B 83.13 334 P 05 34 19.8 -2.0
PLCA Paso Flores 145.76 131 PKPbc PKPbc 05 41 35.2 0.0
LPAZ La Paz 149.86 85 PKPbc PKPbc 05 41 46.4 -0.7
LPAZ La Paz 149.86 85 PKPbc PKPbc 05 41 46.4 -0.7
CFAA Coronel Fontan 150.30 116 PKPbc PKPbc 05 41 47.3 -0.4
CFAA Coronel Fontan 150.30 116 PKPbc PKPbc 05 41 47.3 -0.4
ISCJB 21 05:25:12.6, 0.2, 2305S, 004.15906E, 0.03, h9km, mb4.9/6/4, MS4.3/45, Error ellipse: s-maj=6.5km s-min=4.1km











Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BOZ, G15A, K09A, L07A, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TPNV, MSU, S13A, S14A, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like MKAR, GERES, GERES, AKASG, etc.











Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VRAC Vranov, TREC Trest, KRUC Moravsky, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSL Kastellorizon, ARG Arkhangelos, KARP Karpathos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CACF La Chapelle, CDF Champ du Feu, CDF Champ du Feu, etc.

Code Station Name Az Phase ID Time Res. Includes station information for WAOA Narrogin (SRO), STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WAOA Narrogin (SRO), STKA Stephens Creek, WRA Warramunga Arr, etc.

ISCJB 21 16:11:04.3:0.9, 1856S:009:6907W:0.09, h147km, 11km, mb3.72, Error ellipse: s-maj=14.4km s-min=13.4km az=19.1

NEIC 21 16:11:05.4:0.8, 1855S:6894W, h135km, 9km, Error ellipse: s-maj=15.0km s-min=14.0km az=55.0

ISC 21 16:11:05.3:0.9, 1856S:009:6907W:0.09, h142km, 11km, n10, r11/12, mb3.72, Northern Chile

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

ISC 21 16:22:06.4:1.6, 281N:12845E, h0km, mb3.7/5, mb1 3.9/5, s-maj=135.2km s-min=18.6km az=67.0, Halmaheira

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

NEIC 21 16:30:46.4, 2956S:7121W, h51km, MG3.6(GUC), After GUC

GUC 21 16:30:46.4:1.2, 2956S:7121W, h51km, 10km, ML3.6, 1C-7D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSCH La Serena, TLL Tololo Astrono, LCO Las Campanas, etc.

CSEM 21 15:54:42.3:0.1, 3479N:2900E, h68km, 1km, mb4.2/10, Error ellipse: s-maj=1.8km s-min=1.0km az=58.0

ISCJB 21 15:54:42.8:0.2, 3476N:002:2899E:0.02, h70km, 4km, mb3.9/16, Error ellipse: s-maj=3.5km s-min=2.7km az=145.3



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMCH Combarbala, CPCH Copiapo, PELCH Peidehue, etc.

IDC 21 16:34:10.0t.1.5, 4.01N:12662E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.6/18, mbtmp3.6/4, MS4.3/1, MS1 4.3/1, ms1mx3.0/24, Error ellipse: s-maj=11.3km s-min=23.1km az=76.0

ISCJB 21 16:34:12.9t.0.7, 3.96N:007.1264E, h0km, mb3.5/4, Error ellipse: s-maj=25.1km s-min=7.0km az=163.5

ISC 21 16:34:14.8t.0.7, 3.97N:007.1264E, h0km, mb3.5/4, Error ellipse: s-maj=11.3km s-min=23.1km az=76.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSPH General Santos, MATI Mati, FITZ Fitzroy Crossi, etc.

MAN 21 16:34:44, 986N:12506E, h22km, mb4.2, ML3.0, MS2.8, Error ellipse: s-maj=6.6km s-min=4.7km az=174.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSLP Maasin, LLLP Lapu-Lapu, TBP Tagbilaran, etc.

CSEM 21 16:34:49.9t.0.2, 3523N:2799E, h5km, MD3.8, Error ellipse: s-maj=6.6km s-min=4.7km az=174.0

ISCJB 21 16:34:54.7t.2.0, 355N:0.1t.2758E, h0km, mb3.0, Error ellipse: s-maj=2.1km s-min=2.2km az=148.5

ATH 21 16:34:54.6, 35.29N:27.54E, h23km, MD3.8/10, Error ellipse: s-maj=2.1km s-min=2.2km az=148.5

NEIC 21 16:34:54.6, 35.45N:27.54E, h23km, MD3.8(ATH), Error ellipse: s-maj=2.1km s-min=2.2km az=148.5

ISC 21 16:34:55.3t.2.1, 354N:0.1t.2758E, h0km, mb3.0, n16, Error ellipse: s-maj=2.1km s-min=2.2km az=148.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KARP Karpathos, ARG Arkhangelos, NISR Nisiros, etc.

IDC 21 16:36:50.0t.1.7, 3.297N:141.45E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.5/19, mbtmp3.5/5, ML3.3/1, Error ellipse: s-maj=40.8km s-min=18.4km az=54.0

JMA 21 16:36:51.8t.0.3, 3302N:141.53E, h87km, h32km, Error ellipse: s-maj=12.8km s-min=7.7km az=161.1

NEIC 21 16:36:53.6t.0.9, 3313N:141.83E, h35km, MG3.2(JMA), Error ellipse: s-maj=23.5km s-min=10.4km az=77.0

ISC 21 16:36:51.8t.1.9, 3302N:0.05t.14152E, h0km, mb3.5/4, n19, Error ellipse: s-maj=40.8km s-min=18.4km az=54.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHJ2 Mitsune, JHJ Hachijo jima 2, BSO1 Boso 1, etc.

SFS 21 16:39:05.0, 3528N:2835E, h0km, ML5.0, Error ellipse: s-maj=11.3km s-min=23.1km az=76.0

IDC 21 16:39:07.2t.0.5, 3530N:2773E, h0km, mb4.5/26, mb1 4.5/37, mb1mx4.5/38, mbtmp4.4/37, ML4.0/11, MS4.3/21, MS1 4.3/21, ms1mx4.4/37, Error ellipse: s-maj=11.3km s-min=23.1km az=76.0

ISCJB 21 16:39:07.2t.0.3, 3501N:0.01t.2776E, h0km, mb4.5/26, mb4.7/140, MS4.4/38, Error ellipse: s-maj=2.2km s-min=1.4km az=29.4

MOS 21 16:39:08.3t.1.3, 3513N:2775E, h20km, mb4.9/64, MS4.2/19, Error ellipse: s-maj=4.8km s-min=2.3km az=120.8

GCMT 21 16:39:08.7t.0.3, 3514N:2762E, h18km, 1km, MW5.0/66, Moment Tensor Solution: s26, c30; s66, c90; Duration: 0 Moment tensor: Scale 10^19Nm; Mir-2.53t.23;

Mw0.07t.14; Mw2.46t.14; Mw3.25t.50; Mw1.94t.09; Mw0.06t.29; Best double couple: Mw4.47000t.1016 NP1.3t.1.00000t.839.00000t.1-146.00000t. NP2: 0.244.00000t.869.00000t.1-56.00000t. Principal axes: T 4.0740, P1g18.00000t, Azm30.00000t; N 0.8150, P1g1.00000t, Azm50.00000t; P -4.8850, P1g53.00000t, Azm194.00000t; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

CSEM 21 16:39:08.8t.0.0, 3501N:2771E, h37km, mb4.6/19, Ms4.2, Mw4.4 Error ellipse: s-maj=1.2km s-min=0.7km az=37.0

ATH 21 16:39:08.5, 3512N:2776E, h19km, 1km, MD4.5/26, ML4.8, NEIC 21 16:39:08.7, 35.29N:27.54E, h23km, MD3.8/10, MS4.4/2, ML4.8(ATH), Error ellipse: s-maj=5.0km s-min=3.7km az=193.0

SZGRF 21 16:39:09.2, 3462N:2698E, h10km, mb4.5, MS4.1, Crete, Greece

THE 21 16:39:09.0, 3508N:2797E, h3km, ML5.0, PDG 21 16:39:09.4t.0.5, 3517N:2784E, h8km, 3km, ML4.6/10, Error ellipse: s-maj=1.7km s-min=1.0km az=90.0

DDA 21 16:39:10.6, 3541N:2791E, h8km, 1km, Md4.7, BUJ 21 16:39:11.5, 3548N:2792E, h26km, mb5.1, mb4.8, Ms4.8, Ms24.6

NIC 21 16:39:11.8t.0.2, 3506N:2778E, h25km, mb4.8, ML4.5, CRAAG 21 16:39:11.1, 3517N:2797E, Mb4.7, GII 21 16:39:15.7t.0.8, 3499N:2814E, h32km, 1km, mb4.7/11, ML4.7/11

HLW 21 16:39:21.5, 3451N:2815E, h35km, Mb4.8, NSSC 21 16:39:28.7, 3524N:2945E, h40km, ORF 21 16:39:46.6, 3616N:2403E, h30km, mb4.5

ISC 21 16:39:10.1t.0.4, 3506N:0.01t.2774E, h0km, mb3.0, h34km, 1.7km, p-P, n798, 0.1931/916, mb4.7/139, MS4.4/38, 33C-22D, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KARP Karpathos, ARG Arkhangelos, ARG Nisiros, etc.

SIVA Sivas 2.41 270 ePn P 16 39 51.4 -1.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AWA Awa, ELL Emali, AYDN Tasoluk, etc.

ALFC Alfos 4.00 188 P Pn 16 40 55.1 -1.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HMAT Mathru, KYTH Kithira, SHVR Sunut-Afyon, etc.

DST Dursunbey 4.59 9 ePn Pn 16 40 19.1 +0.7

BTK Tokmak 4.70 3 iP Pn 16 40 19.7 -0.2

KONT Konya-Tatoy 4.70 51 ePn Pn 16 40 21.0 +1.1

LEF Lefkos 4.75 96 ePn Pn 16 40 21.6 +0.3

LTK Loutraki 4.85 309 ePn Pn 16 40 24.1 +2.2

EZN Ezine 4.89 347 ePn Pn 16 40 22.7 +0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPK Lapseki, IZI Izik, GEMT Gemlik, etc.

NEO Neokhoron 5.56 321 ePn Pn 16 40 33.2 +0.8

ADVT Adalyat 5.59 16 Pn Pn 16 40 33.4 +1.3

XOR Xorichiti 5.62 321 ePn Pn 16 40 34.4 +1.8

RKY Sarkoy-Tekirda 5.63 356 ePn Pn 16 40 33.3 +0.6

SART Tekirdag 5.63 356 iP Pn 16 40 32.6 -0.1

YLV Yalova 5.64 13 ePn Pn 16 40 34.5 +1.7

AAAS 5.67 146 Pn Pn 16 40 33.6 +0.3

SELA 5.69 347 ePn Pn 16 40 35.6 +1.6

MFT Murefte 5.72 356 ePn Pn 16 40 35.3 +0.6

MERS Mersin 5.79 70 ePn Pn 16 40 36.3 +1.4

GULT Gulveren 5.79 21 ePn Pn 16 40 35.8 +0.7

ENEZ Enez 5.80 348 ePn Pn 16 40 36.1 +0.3

HMVD Havyadein 5.85 153 P Pn 16 40 38.4 +2.5

AGG Agios Georgios 5.86 314 ePn Pn 16 40 39.6 +3.6

RLS Riolos of Patr 5.87 302 ePn Pn 16 40 37.6 +0.7

HNAT Natroun 5.94 155 P Pn 16 40 38.7 +1.2

ALN Alexandroupoli 5.98 348 P Pn 16 40 38.5 +1.1

ALN Alexandroupoli 5.98 348 P Pn 16 40 38.5 +1.1

FYM Al Fayyum 6.04 152 S Sn 16 41 35.8 -1.1

AYT Al Ayyat 6.07 151 P Pn 16 41 39.6 +0.8

KOV Evrytania 6.11 311 ePn Pn 16 40 42.3 +3.0

ERT Kottamia 6.18 145 P Pn 16 40 40.0 -0.2

ANTO Ankara 6.26 38 ePn Pmax 16 40 42.6 +1.3

ANTO Ankara comp=Z,86nm,0.8s 6.26 38 ePn Pn 16 40 42.6 +1.4

ANTO Ankara comp=Z,86nm,0.8s 6.26 39 iP Pn 16 40 43.8 +2.5

ANTO Ankara comp=Z,86nm,0.8s 6.26 38 ePn Pn 16 40 42.6 +1.3

HHAG Hagoal 6.29 143 P Pn 16 41 41.6 -0.1

PLG Polygyros 6.30 329 ePn Pn 16 40 43.9 +2.0

MGde Migde 6.31 59 ePn Pn 16 40 43.8 +1.0

KARA Karagali 6.31 68 ePn Pn 16 40 42.0 -0.1

HSFA As Saff 6.31 148 P Pn 16 40 44.0 +1.9

RDO Rodhopi 6.32 345 ePn Pn 16 40 45.3 +2.0

THL Klokotos Trika 6.40 316 ePn Pn 16 40 45.3 +2.0

THL Klokotos Trika 6.40 316 ePn Pn 16 40 45.3 +2.0

JALAH Jalalah 6.50 110 P Pn 16 40 44.4 -0.3

OFRI Ofri 6.50 110 P Pn 16 40 47.2 +2.1

LIT Litokhoron 6.53 322 ePn Pn 16 40 47.2 +2.2

LIT Litokhoron 6.53 322 ePn Pn 16 40 47.2 +2.2

VLS Valsamata 6.54 300 ePn Pn 16 40 48.3 +3.2

HORT Hortiatis 6.65 328 ePn Pn 16 40 48.6 +2.1

HORT Hortiatis 6.65 328 ePn Pn 16 40 48.6 +2.1

BHL Bhanne 6.63 98 ePn Pn 16 40 48.1 +1.6

BHL Bhanne 6.63 98 ePn Pn 16 40 48.1 +1.6

MMCT Mount Meron ar 6.67 106 Pn Pn 16 40 47.0 -0.1

MMCT Mount Meron ar 6.67 106 Pn Pn 16 40 47.0 -0.1

21d 16h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like LUJL Ujela, KRUS Krusevo, EIL Elat, etc.

2007 MAY

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like GNI Gani, PIEI Pieia, KIV Kislovodsk, etc.

700

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like NAY Al-Naieim, KHC Kasperke Hory, etc.



Table with columns: Call Sign, Name, Frequency, Power, Modulation, and other technical details. Includes stations like EADA, QUIF, EMUJ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Modulation, and other technical details. Includes stations like KBS, KINGSBAY, WMQ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Modulation, and other technical details. Includes stations like XAN, GUYANG, BJI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RSSD Black Hills, BOZ Chamberlain Mo, BOZ Bozeman (W), etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SIVA Sivas, ELL Elmal, AYDN Tasoluk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TCF Toulx Ste Croi, EPF Esparros, SJPFF Ste Jean, etc.

ISC/JB 21 16:46:02.0-0.4, 4393N:004x14125E:008, h226km, 4km, mb3.5/7, Error ellipse: s-maj=9.6km s-min=6.0km az=16.3

18nm, 0.3s, baz=102, slow=14, SNR=45
SIVA Sivas 2.35 270 ePn Pb 16 48 291 +0.7

16 52 407 -1.3
P 16 52 408 -2.1
P 16 52 55.0 -2.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JHR Hokuryu, JSS Shosan, JSS JSS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KHL Karahalli, GVD Gavdhos, ANTB Antalya, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MFF Saint Martin d, MFF Saint Martin d, MFF Saint Martin d, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KARN Karanos, KDAG Borovna, BLCB Balceva, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MFF Saint Martin d, MFF Saint Martin d, MFF Saint Martin d, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JEW Eniwo, JK2 Kamakawa 2, JK2 JK2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KUL Kula-Manisa, CHOS Chios island, KAR Karahalli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MFF Saint Martin d, MFF Saint Martin d, MFF Saint Martin d, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JFR Furan, JSE Soyaks, JWE Keihoku, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KUL Kula-Manisa, CHOS Chios island, KAR Karahalli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MFF Saint Martin d, MFF Saint Martin d, MFF Saint Martin d, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JNBK Urakawa-nobuka, JCH Churui, JCH JCH, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KUL Kula-Manisa, CHOS Chios island, KAR Karahalli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MFF Saint Martin d, MFF Saint Martin d, MFF Saint Martin d, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JYK Akkeshi, JRA Rausu, YSS Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KUL Kula-Manisa, CHOS Chios island, KAR Karahalli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MFF Saint Martin d, MFF Saint Martin d, MFF Saint Martin d, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KRSR Korea Array, MKAR Makanochi Array, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KUL Kula-Manisa, CHOS Chios island, KAR Karahalli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MFF Saint Martin d, MFF Saint Martin d, MFF Saint Martin d, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array, INK Inuvik, INK Inuvik, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KUL Kula-Manisa, CHOS Chios island, KAR Karahalli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MFF Saint Martin d, MFF Saint Martin d, MFF Saint Martin d, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, FINES FINES Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KUL Kula-Manisa, CHOS Chios island, KAR Karahalli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MFF Saint Martin d, MFF Saint Martin d, MFF Saint Martin d, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, ZKR Zakros, ZKR Zakros, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KUL Kula-Manisa, CHOS Chios island, KAR Karahalli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MFF Saint Martin d, MFF Saint Martin d, MFF Saint Martin d, etc.

ISC/JB 21 16:56:28.0-0.7, 915N:002-12572E:003, h24km, 5km, mb4.4/50, MS4.0/21, Error ellipse: s-maj=5.2km s-min=3.8km az=171.6

MOS 21 16:56:28.9-1.1, 915N:12553E, h33km, mb4.8/11, Error ellipse: s-maj=16.6km s-min=8.0km az=111.7

MAN 21 16:56:28.923N:12558E, h8km, mb5.0, ML4.0, MS4.1 MAN INTENSITY V - BUTUAN CITY; INTENSITY VI SURIGAO CITY.

NEIC 21 16:56:33.3-3.9, 915N:12555E, h58km, 36km, mb3.9/18, mb1.4/121, mb1mx4.0/25, mbtmp4.0/21, ML4.0/3, MS3.8/12, h1.3/912, ms1mx3.7/25, Error ellipse: s-maj=23.7km s-min=10.7km az=82.0

BUI 21 16:56:33.7, 923N:12568E, h58km, mb4.9, mb4.6, Ms4.4, Ms2.1

NEIC 21 16:56:33.3-1.2, 916N:12562E, h59km, 12km, mb4.6/16, Error ellipse: s-maj=10.4km s-min=6.0km az=70.0

NEIC Felt [V PIVS] at Butuan and [IV PIVS] at Surigao.
ISC 21 16:56:27.8-0.6, 920N:002-12567E:003, h9km, 3km, h43km, 2.2km, p-P, n127, s132/150, mb4.4/50, MS4.0/21, 7C-30, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, SCPH Surigao, CGP Cagayan de Oro, etc.





NEIC 21 18:35:00.9, 3171Sx7203W, h14km, ML3.1(GUC), After GUC.

GUC 21 18:35:00.9, 0.8, 3171Sx7203W, h14km±11km, MD3.9, ML3.1, 2C, Off coast of central Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CMCH Combarbala, PEL Peldehue, TLL Tololo Astrono, etc.

SKHL 21 18:42:33.0, 1.7, 5382N-14026E, h10km, mb4.1/4, 1C-1D, Primorye

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like NKL Nikolayevsk, OKH Okha, TYV Tyvmovsk, etc.

ISCJB 21 19:06:19.0, 0.9, 2572Sx008.1798W, 0.1, h448km±11km, mb3.8/13, Error ellipse: s-maj=15.5km s-min=12.5km az=19.4

NEIC 21 19:06:19.4, 1.2, 2567Sx17969W, h444km±13km, mb3.9/7, Error ellipse: s-maj=14.4km s-min=12.7km az=181.0

IDC 21 19:06:19.1, 1.2, 2557Sx17971W, h438km±13km, mb3.5/10, mb1 3.8/12, mb1mx3.7/16, mbtmp3.6/12, Error ellipse: s-maj=16.5km s-min=13.5km az=161.0

ISC 21 19:06:17.2, 1.0, 2549Sx007.1798W, 0.1, h412km±13km, mb7.7, r195/57, mb3.8/13, 2D, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like RAO Raoul Island, KUZ Kuaotunu, MXZ Matakaoa Point, etc.

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

MOS 21 19:17:28.7, 0.8, 093N-12644E, h46km, mb4.9/13, Error ellipse: s-maj=20.1km s-min=8.7km az=108.3

BUI 21 19:17:29.3, 0.03N, 12670E, h113km, mb4.9, mb4.6

IDC 21 19:17:31.9, 2.9, 089N-12645E, h59km±28km, mb4.1/14, mb1 4.2/17, mb1mx4.1/21, mbtmp4.1/17, ML4.0/3, MS3.5/4, Ms1 3.5/4, ms1mx3.1/34, Error ellipse: s-maj=24.7km s-min=11.5km az=75.0

ISCJB 21 19:17:32.5, 1.1, 081N-12650E, h74km±11km, mb4.5/47, Error ellipse: s-maj=11.3km s-min=7.5km az=151.8

NEIC 21 19:17:33.2, 1.6, 087N-12650E, h74km±15km, mb4.6/12, Error ellipse: s-maj=13.0km s-min=6.5km az=58.0

ISC 21 19:17:34.7, 1.0, 077N-12649E, h88km±10km, h110km, 1.2km; P-P, n82, r15/184, mb4.5/47, 1C-1D, Northern Molucca Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like AAI Ambon, KDI Kendari, PCI Palu, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KSRS Korea Array, CD2 Chengdu, XAN Xian, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARU Arti, QRN Al-Qurain, UMR Umm Al-Rimman, etc.

NEIC 21 19:19:11.8, 2961Sx7083W, h28km, ML4.1 (GUC), After GUC

GUC 21 19:19:11.8, 1.2, 2961Sx7083W, h28km, 6km, ML4.1, 6D, Central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LSCH La Serena, TOLO Astrono, LCO Las Campanas, etc.

MOS 21 19:27:44.0, 0.9, 2185N:14307E, h33km, mb4.2/15, Error ellipse: s-maj=27.4km, s-min=10.5km, az=107.1

ISCJIB 21 19:27:45.1, 4.0, 2185N:14310E, 0.1, h35km, 36km, mb4.2/24, MS4.1/3, Error ellipse: s-maj=22.2km, s-min=11.1km, az=170.2

BUI 21 19:27:54.9, 2184N:14300E, h136km, mb4.9, mb4.4

IDC 21 19:27:58.0, 6.7, 2179N:14305E, h139km, mb3.6/13, mb1.3/7.13, mb1mx3.7/21, mbmp3.6/13, MS3.4/2, Ms1.3/4.2, ms1mx2.6/32, Error ellipse: s-maj=28.6km, s-min=12.3km, az=78.0

NEIC 21 19:27:58.0, 5.9, 2180N:14301E, h140km, 54km, mb4.1/1, Error ellipse: s-maj=22.0km, s-min=8.9km, az=75.0

ISC 21 19:27:50.5, 3.8, 2183N:007.1431E, 0.1, h69km, 35km, n50, o883/47, mb4.1/2, LD, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JOW Kunigami, KSRS Korea Array, NJ2 Nanjing, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, WRA Warramunga Arr, ZAK Zakamensk, etc.

IDC 21 19:42:33.4, 10.0, 2179N:14288E, h199km, 106km, mb2.9/6, mb1.3/1.6, mb1mx3.0/19, mbmp2.9/6, Error ellipse: s-maj=56.5km, s-min=18.2km, az=83.0, Mariana Islands region

IDC 21 19:44:04.0, 11.0, 2177N:14303E, h143km, 107km, mb3.1/7, mb1.3/3.7, mb1mx3.2/19, mbmp3.1/7, Error ellipse: s-maj=52.9km, s-min=16.9km, az=81.0, Mariana Islands region

IDC 21 19:58:14.7, 0.9, 3432N:2736E, h31km, 2km, mb4.7/7, ML4.6/7

BGS 21 19:59:00.4, 1.6, 3378N:2783E, h62km, mb5.1

SZGRF 21 19:59:03.1, 3448N:2717E, h10km, mb4.6, MS3.8, Eastern Mediterranean Sea

IDC 21 19:59:04.1, 0.4, 3462N:2675E, h0km, mb5.1/27, mb1.5/0.37, mb1mx3.0/40, mbmp5.0/37, ML4.8/9, MS3.9/14, Ms1.3/9/14, ms1mx3.6/36, Error ellipse: s-maj=10.7km, s-min=9.7km, az=81.0

BUI 21 19:59:04.2, 3450N:2630E, h32km, mb5.2, mb5.1, Ms5.1, Ms2.4

ISCJIB 21 19:59:04.0, 4.0, 3442N:001:2670E, 0.01, h22km, 3km, mb4.9/190, MS4.1/24, Error ellipse: s-maj=2.4km, s-min=1.4km, az=34.1

TIR 21 19:59:04.9, 3.5, 3665N:2830E, h0km, 999km

MOS 21 19:59:06.8, 1.1, 3456N:2663E, h33km, mb5.0/60, Error ellipse: s-maj=4.4km, s-min=2.0km, az=113.6

PDG 21 19:59:07.4, 0.4, 3462N:2675E, h0km, 11km, MLS.5/2/9, Error ellipse: s-maj=838.3km, s-min=490.9km, az=90.0

CSEM 21 19:59:07.3, 0.0, 3450N:2691E, h67km, mb4.7/48, Ms3.0

MW3.9, Error ellipse: s-maj=1.3km, s-min=0.6km, az=46.0
ATH 21 19:59:09.4, 3466N:2673E, h79km, 2km, ML4.7
CRAAG 21 19:59:10.4, 3479N:2675E, Mb4.9
THE 21 19:59:10.4, 3460N:2696E, h57km, ML5.5
NIC 21 19:59:11.2, 0.2, 3474N:2703E, h25km, mb4.9, ML4.6, MW3.9
NEIC 21 19:59:12.3, 0.4, 3473N:2663E, h62km, 3km, mb4.7/147, Error ellipse: s-maj=4.5km, s-min=2.9km, az=172.0
HLW 21 19:59:15.8, 3413N:2716E, h33km, Mb5.4
DDA 21 19:59:17.6, 3522N:2773E, h3km, Md4.2
NSSC 21 19:59:31.7, 3456N:2899E, h40km, Mb4.6
ORF 21 19:59:41.3, 3616N:2403E, h30km, mb4.6
ISC 21 19:59:08.1, 0.4, 3448N:001:2671E, 0.01, h33km, 3km, h37km, 1.5km, pp-P, n1030, e127/1129, mb4.9/189, MS4.1/24, 88C-54D, Crez

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

GLL	Jalalah	6.46	138	P	Pn	20 00 41.0	+0.1
GPA	Lopikari	6.48	25	ePn	Pn	20 00 42.3	+1.2
LIT	Gitlakhoron	6.55	330	ePn	Pn	20 00 43.9	+1.8
GULT	Gulverren	6.68	26	ePn	Pn	20 00 44.9	+1.0
HBS	Bani Suwayf	6.70	144	P	Pn	20 00 44.6	+0.4
ROD	Rodhopi	6.74	352	fl/P	Pn	20 00 47.2	+2.7
HORT	Hortiat	6.76	336	ePn	Pn	20 00 47.0	+2.1
HORT	Hortiat	6.76	336	ePn	Pn	20 00 47.0	+2.1
THE	Thessaloniki	6.84	335	ePn	Pn	20 00 48.0	+2.0
ISK	Istanbul-Kandi	6.85	15	ePn	Pn	20 00 47.1	+0.9
MEV	Metsvonn	6.88	322	ePn	Pn	20 00 48.9	+2.3
SOH	Sokhos	6.88	338	ePn	Pn	20 00 48.2	+1.7
SUZ	Suz	6.94	130	fl/P	Pn	20 00 47.1	+0.4
JAN	Janina	6.98	320	eP	Pn	20 00 50.8	+2.8
KZN	Kozani	7.03	327	eP	Pn	20 00 51.3	+2.6
LUJL	Ujela	7.04	222	i/P	Pn	20 00 50.3	+1.5
	15nm,0.3s,SNR=46						
SRS	Serrai	7.08	341	ePn	Pn	20 00 51.5	+2.1
OFRI	'Ofor	7.15	103	Pn	Pn	20 00 48.0	-2.3
ZAF	Zaf	7.17	135	fl/P	Pn	20 00 50.3	-0.2
IGT	Igoumenitsa	7.18	317	ePn	Pn	20 00 49.9	-0.9
HNTI	Hantia	7.18	99	Sn	Pn	20 02 03.7	-7.5
MATL	Matliri	7.23	95	ePn	Pn	20 00 53.1	+1.7
NVR	Nevrokopi	7.23	343	fl/P	Pn	20 00 53.5	+2.1
KDZ	Kurdzhali	7.25	352	P	Pn	20 00 55.9	+1.2
ANTO	Ankara	7.26	40	ePn	Pn	20 00 52.0	+0.3
ANTO	Ankara	7.26	40	fl/P	Pn	20 00 52.5	+0.7
ANTO	Ankara	7.26	40	ePn	Pn	20 00 52.0	+0.2
ZNF	Zaf	7.29	132	P	Pn	20 00 52.1	-0.2
SLTI	Sal't	7.32	105	Pn	Pn	20 00 50.6	-2.0
SLI	Sal't	7.32	105	Pn	Pn	20 00 50.6	-2.0
GRG	Griva	7.32	334	ePn	Pn	20 00 54.5	+1.9
KNT	Kendrikon	7.33	337	ePn	Pn	20 00 53.9	+1.1
MMCT	Mount Meron ar	7.38	99	Pn	Pn	20 00 51.9	-1.5
RZN	Rozhen	7.38	348	P	Pn	20 00 55.9	+2.0
MMAGB	Mount Meron ar	7.39	99	Sn	Pn	20 02 02.4	-1.1
MMAGB	Mount Meron ar	7.39	99	Sn	Pn	20 02 02.0	-1.1
MMAI	Mount Meron Ar	7.39	99	Pn	Pn	20 00 52.0	-1.6
	30nm,0.3s,baz=280,slow=11,SNR=80						
MMAI	Mount Meron Ar	7.39	99	Sn	Pn	20 02 09.7	-6.6
	52nm,0.3s,baz=268,slow=13,SNR=50						
KZIT	Kziot	7.39	117	Pn	Pn	20 00 51.8	-1.8
KZIT	Kziot	7.39	117	Pn	Pn	20 02 08.5	-7.7
HFRF	Wahat Farafira	7.42	169	P	Pn	20 00 55.3	+1.2
BHL	Bhannes	7.43	92	ePn	Pn	20 00 52.8	-1.4
MMB	Musomiste	7.49	343	i/P	Pn	20 00 56.3	+1.3
RTMI	Retamni	7.53	115	Pn	Pn	20 00 54.5	-1.3
KSDI	Kefar Szold	7.56	97	Pn	Pn	20 00 54.5	-1.3
KSDI	Kefar Szold	7.56	97	Pn	Pn	20 02 12.3	-8.1
MMLI	Mount Malkishu	7.56	103	Pn	Pn	20 00 53.7	-2.3
MMLI	Mount Malkishu	7.56	103	Pn	Pn	20 02 13.2	-7.2
MMLI	Mount Malkishu	7.56	103	Pn	Pn	20 02 13.2	-7.2
MMLI	Mount Malkishu	7.56	103	Pn	Pn	20 02 12.9	-7.5
VAY	Valandovo	7.59	336	ePn	Pn	20 00 58.2	+2.0
VAY	Valandovo	7.59	336	i/Pn	Pn	20 00 58.7	+2.5
VAY	Valandovo	7.59	336	ePn	Pn	20 00 58.2	+1.9
DIM	Dimitrovgrad	7.63	353	P	Pn	20 00 56.0	-0.9
RCHY	Rachaya	7.63	353	P	Pn	20 00 56.0	-0.9
HNKL	Nakhl	7.64	124	P	Pn	20 00 56.5	-0.6
HWQ	Hawqa	7.64	89	ePn	Pn	20 00 56.2	-0.9
HMDT	Nahal Hemdat	7.70	104	Pn	Pn	20 00 56.3	-1.6
ARNB	Al Arnab	7.71	77	fl/P	Pn	20 00 57.1	-1.0
ARNB	Al Arnab	7.71	77	fl/P	Pn	20 01 58.9	-2.5
ARNB	Al Arnab	7.71	77	fl/S	Pn	20 01 57.1	-1.0
ARNB	Al Arnab	7.71	77	fl/S	Pn	20 01 58.9	-2.5
YTR	Yatir	7.72	111	Pn	Pn	20 00 57.3	-0.8
KBN	Korca	7.74	324	i/Pn	Pn	20 01 01.4	+3.0
KBN	Korca	7.74	324	i/Pn	Pn	20 02 23.5	-1.3
BRBR	Barbar	7.75	95	fl/S	Pn	20 01 57.4	-1.2
BRBR	Barbar	7.75	95	fl/S	Pn	20 01 59.6	-2.6
BRBR	Barbar	7.75	95	fl/S	Pn	20 00 57.4	-1.2
BRBR	Barbar	7.75	95	fl/S	Pn	20 01 59.7	-2.6
PLD	Plovdiv	7.79	349	P	Pn	20 01 01.7	+2.6
BIA	Bitola	7.81	329	i/Pn	Pn	20 00 59.4	-0.0
BIA	Bitola	7.81	329	i/Pn	Pn	20 02 03.6	-1.4
BIA	Bitola	7.81	329	ePn	Pn	20 00 58.9	-0.4
RMINI	Mount Ramon	7.82	117	Pn	Pn	20 00 58.2	-1.2
DSI	Dead Sea	7.83	109	Pn	Pn	20 00 57.9	-1.8
SLNF	Slenfeh	7.89	79	fl/P	Pn	20 00 59.0	-1.4
SLNF	Slenfeh	7.89	79	fl/S	Pn	20 02 03.3	-2.5
SLNF	Slenfeh	7.89	79	fl/S	Pn	20 02 03.0	-1.4
SLNF	Slenfeh	7.89	79	fl/S	Pn	20 02 03.5	-2.5
KKB	Krupnik	7.92	340	i/P	Pn	20 01 02.6	+1.7
MZDA	Masada	7.93	111	Pn	Pn	20 00 59.5	-1.5
MZDA	Masada	7.93	111	Pn	Pn	20 02 22.2	-7.4
BIDA	Albida	7.93	83	fl/S	Pn	20 00 59.2	-1.4
BIDA	Albida	7.93	83	fl/S	Pn	20 02 03.7	-2.6
BIDA	Albida	7.93	83	fl/P	Pn	20 00 59.2	-1.9
BIDA	Albida	7.93	83	fl/S	Pn	20 02 03.7	-2.6
QASN	Qassioun	8.00	94	fl/P	Pn	20 01 01.2	-0.8
QASN	Qassioun	8.00	94	fl/S	Pn	20 02 06.6	-2.9
QASN	Qassioun	8.00	94	fl/S	Pn	20 01 01.2	-0.8
QASN	Qassioun	8.00	94	fl/S	Pn	20 02 06.2	-2.5
FKH	Fakeheh	8.02	89	ePn	Pn	20 01 01.3	-0.9
HRDS	Abu Rudays	8.03	134	P	Pn	20 01 01.8	-0.6
WRDH	Waridheh	8.03	134	P	Pn	20 01 01.0	-1.4
WRDH	Waridheh	8.03	134	P	Pn	20 02 06.3	-2.6
STIP	Stip	8.05	335	Pn	Pn	20 00 55.1	+2.5
KRMI	Paran Flat	8.05	120	Pn	Pn	20 01 02.1	-0.6
KRMI	Paran Flat	8.05	120	Pn	Pn	20 02 24.8	-7.8
KRMI	Paran Flat	8.05	120	Pn	Pn	20 01 02.7	-0.3
GRB	Gharib	8.07	138	P	Pn	20 01 03.9	+0.3
ORH	Ohrid	8.12	327	i/Pn	Pn	20 02 27.4	-6.3
ORH	Ohrid	8.12	327	i/Pn	Pn	20 01 02.1	-1.6
PRNI	Paran	8.12	318	Pn	Pn	20 02 26.8	-7.6
KRUS	Krusevo	8.13	330	i/Pn	Pn	20 01 04.3	+0.6
KRUS	Krusevo	8.13	330	i/Pn	Pn	20 02 33.4	-1.0
BTCH	Batrach	8.13	76	fl/P	Pn	20 01 02.8	-0.9
BTCH	Batrach	8.13	76	fl/P	Pn	20 02 09.4	-2.5
BTCH	Batrach	8.13	76	fl/P	Pn	20 01 02.8	-1.0
BTCH	Batrach	8.13	76	fl/S	Pn	20 02 09.4	-2.5
ZFRI	Zfri	8.15	116	Pn	Pn	20 01 02.1	-1.9
ZFRI	Zfri	8.15	116	Pn	Pn	20 02 26.6	-8.4
TOTH	TOTAH	8.16	95	fl/P	Pn	20 01 03.3	-0.6
TOTH	TOTAH	8.16	95	fl/S	Pn	20 01 01.2	-0.8
TOTH	TOTAH	8.16	95	fl/P	Pn	20 01 03.3	-0.8
TOTH	TOTAH	8.16	95	fl/S	Pn	20 02 09.1	-2.6
HRFI	Mount Harif	8.32	120	Pn	Pn	20 01 05.1	-1.2
HRFI	Mount Harif	8.32	120	Pn	Pn	20 02 31.5	-7.7
MBH	Mount Berech	8.37	122	Pn	Pn	20 01 06.8	-0.3
MBH	Mount Berech	8.37	122	Pn	Pn	20 02 32.7	-7.8
DRWC	Darouich	8.40	72	fl/P	Pn	20 01 06.3	-1.1
DRWC	Darouich	8.40	72	fl/P	Pn	20 01 06.3	-1.1
EIL	Eilat	8.47	122	Pn	Pn	20 01 07.4	-1.0
	20nm,0.3s,baz=324,slow=8.3,SNR=115						
EIL	Eilat	8.47	122	Pn	Pn	20 02 35.0	-8.0
EIL	Eilat	8.47	122	Pn	Pn	20 01 07.4	-1.0
EIL	Eilat	8.47	122	Pn	Pn	20 02 35.3	-7.6
SALA	Sala	8.55	99	fl/P	Pn	20 01 08.0	-0.6
SALA	Sala	8.55	99	fl/P	Pn	20 02 19.0	-2.6
SALA	Sala	8.55	99	fl/P	Pn	20 01 08.8	-0.7
SALA	Sala	8.55	99	fl/S	Pn	20 02 19.0	-2.6
SKO	Skopje	8.56	333	i/Pn	Pn	20 01 13.6	+3.9
VTS	Vitosha	8.56	342	ePn	Pn	20 01 10.9	+1.2
VTS	Vitosha	8.56	342	i/P	Pn	20 01 34.2	+1.0
VTS	Vitosha	8.56	342	i/P	Pn	20 01 11.7	+2.0
HKAT	Jabal Katrina	8.59	132	P	Pn	20 01 09.3	-0.8
HBST	Basata	8.60	125	P	Pn	20 01 09.4	-0.8
HPST	Peshkopia	8.74	327	i/Pn	Pn	20 01 10.8	-1.2
PRD	Provadia	8.74	3	P	Pn	20 01 12.8	+0.7
TIR	Tirane	8.74	324	P	Pn	20 01 34.1	+1.7
ASF	Jabal al Asfar	8.83	102	Pn	Pn	20 01 12.2	-1.2
	3.1nm,0.3s,baz=165,slow=9.3,SNR=30						
ASF	Jabal al Asfar	8.83	102	Pn	Pn	20 02 43.6	-8.1
HDHB	Dhahab	8.85	128	P	Pn	20 01 13.5	-0.1
LCI	Leccce	9.00	313	P	Pn	20 01 13.8	-1.9
LCI	Leccce	9.00	313	P	Pn	20 01 13.8	-1.9
LCI	Leccce	9.00	313	Pn	Pn	20 01 13.8	-1.9
LCI	Leccce	9.00	313	Pn	Pn	20 01 13.8	-1.9
BARS	Barje	9.17	337	P	Pn	20 01 21.3	+3.3
HKDI	Dakhla	9.19	165	P	Pn	20 01 19.0	+0.7
TIP	Timpagrande	9.26	303	ePn	Pn	20 01 17.9	-1.4
TIP	Timpagrande	9.26	303	ePn	Pn	20 02 48.0	-1.4
TIP	Timpagrande	9.26	303	ePn	Pn	20 01 17.9	-1.3
TIP	Timpagrande	9.26	303	ePn	Pn	20 02 48.0	-1.4

PUK	Puka	9.27	327	i/Pn	Pn	20 01 18.3	-1.0
SOI	Samo	9.32	296	P	Pn	20 01 19.8	-0.3
	comp=Z,143nm,0.3s						
SOI	Samo	9.32	296	Pn	Pn	20 01 19.8	-0.3
BCI	Bajram Curri	9.45	329	i/Pn	Pn	20 01 23.6	+1.8
BCI	Bajram Curri	9.45	329	i/SN	Pn	20 03 01.9	-5.0
ULC	Ulcinj	9.51	324	ePn	Pn	20 01 19.8	-2.8
ULC	Ulcinj	9.51	324	ePn	Pn	20 02 58.5	-10
AKRG	Al Kharijeh	9.51	159	fl/P	Pn	20 01 22.9	+0.2
GTR	Jabal at Tayr	9.53	158	P	Pn	20 01 23.1	+0.2
MTTG	Motta San Giov	9.57	295	Pn	Pn	20 01 23.5	0.0
	comp=Z,14um,0.7s						
PVY	Plav	9.68	329	fl/Pn	Pn	20 01 24.1	-0.8
PVY	Plav	9.68	329	ePn	Pn	20 03 05.2	-7.3
HAVL	Avola	9.74	288	Pn	Pn	20 01 24.7	-1.1
LZLA	Zalla	9.78	235	i/P	Pn	20 01 27.6	+1.2
	comp=Z,29nm,0.6s,SNR=46						
TTG	Podgorica	9.86	326	fl/Pn	Pn	20 01 24.4	-3.1
TT							











Table of astronomical observations for 2007 May, 22d Oh. Columns include RES, HNR, HNR, Name, RA, Dec, Az, El, Az, El, Res, Time, Res, ISC, H, m, s, ISC. Includes stations like Resolute Bay, Honiara, Joensuu, Yellowknife Ar, etc.

Table of astronomical observations for 2007 May, 22d Oh. Columns include Code, Station Name, Az, Az, Phase ID, ISC, Time, Res, ISC, H, m, s, ISC. Includes stations like Neumayer-Stat, Neumayer-Watz, East Falkland, etc.

Table of astronomical observations for 2007 May, 22d Oh. Columns include RKY, SAR, SAR, Name, RA, Dec, Az, El, Az, El, Res, Time, Res, ISC, H, m, s, ISC. Includes stations like Sarkoy-Tekirda, Tekirdag, Murefte, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Stephens Creek, Alice Springs, Fitzroy Crossi, Warramunga Arr, Yellowknife Arr.

WEL 22 01:06:12.1-0.3, 4102S-17288E, h207km, 2km, ML3.5/13, 2C, Error ellipse: s-maj=2.7km s-min=2.2km az=0.0, South Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Quartz Range, Nelson, Tophouse, Tu'uvrille Isla, Warramunga Arr, Yellowknife Arr, etc.

IDC 22 01:15:21.5-2.1, 669S-12966E, h0km, mb3.5/1, mb1 3.7/4, mb1mx3.5/14, mbmtpp3.5/14, ML3.7/3, Error ellipse: s-maj=81.0km s-min=28.2km az=77.0, Banda Sea

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

DDA 22 01:32:50.1, 3712N-3423E, h5km, 3km, Md3.5, ISK 22 01:32:52.5, 3667N-3422E, h29km, MD3.3, Error ellipse: s-maj=5.6km s-min=4.7km az=176.5

CSEM 22 01:32:53.0-0.2, 3667N-3432E, h40km, MD3.3, Error ellipse: s-maj=3.6km s-min=3.5km az=127.0

NSSC 22 01:32:56.2, 3659N-3463E, h18km, 3km, ISK 22 01:32:53.7-0.7, 3663N-003-3431E, 004, h32km, 6km, n34, n071/51, BD, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Mersin, Karaisali, Erenekoy, Warramunga Arr, Yellowknife Arr, etc.

IDC 22 01:37:06.5-7.7, 2056N-14301E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/18, mbmtpp3.8/4, MS2.8/1, MS1 2.8/1, s-min=48.6km az=16.0, Mariana Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Rata Peaks, McQueen's Vall, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Korea Array, Songino Array, Zalesovo Beam, Yellowknife Arr.

ISK 22 01:39:09.9, 4012N-3273E, h5km, MD3.6, CSEM 22 01:39:10.8-0.0, 4013N-3271E, h5km, MD3.6, Error ellipse: s-maj=1.3km s-min=0.9km az=167.0

DDA 22 01:39:10.3, 4009N-3276E, h7km, 1km, Md3.5, ISK 22 01:39:11.2-0.2, 4013N-3269E, 02, h5km, Error ellipse: s-maj=3.2km s-min=2.4km az=163.9

ISC 22 01:39:11.7-0.5, 4014N-302-3272E, 002, h2km, 4km, n53, n0591/68, Turkey

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Antakya, Ankara, Cankiri, Samsun, etc.

IDC 22 02:22:05.2-8.6, 1852S-17804W, h650km, 11km, mb3.2/5, mb1 3.4/5, mb1mx3.1/15, mbmtpp3.2/5, Error ellipse: s-maj=102.1km s-min=45.5km az=163.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Charters Tower, Stephens Creek, Warramunga Arr, etc.

MAN 22 02:28:33.997N-12633E, h19km, mb4.2, ML3.0, MS2.8, Mindanao

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Surigao, Maasin, Palo, Musuan, Tagbilaran, Pagadian, Jordan.

IDC 22 02:41:49.5-0.8, 973N-12611E, h0km, mb4.1/10, mb1 4.2/10, mb1mx4.0/19, mbmtpp4.0/10, Error ellipse: s-maj=7.8km s-min=16.7km az=73.0

ISC 22 02:41:56.0-1.2, 973N-005-12636E, 009, h65km, 11km, mb4.0/10, Error ellipse: s-maj=14.2km s-min=8.1km az=174.0

MAN 22 02:41:57.973N-12617E, h13km, mb4.7, ML3.6, MS3.5, NEIC 22 02:42:06.7-1.9, 947N-12583E, h146km, 17km, mb4.3/1, Error ellipse: s-maj=51.8km s-min=11.9km az=70.0

ISC 22 02:41:57.8-1.2, 973N-005-12636E, 009, h66km, 11km, n27, n094/32, mb4.0/10, 2D, Mindanao

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Surigao, Maasin, Palo, Musuan, Tagbilaran, Pagadian, Jordan.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Tagbilaran, Davao City, Sibulan, Cataraman, Roxas, Virac, Fitzroy Crossi.

FITZ Fitzroy Crossi 27.66 181 P P 02 47 40.0 +0.4

WRA Warramunga Arr 30.53 165 P P 02 48 04.4 -0.7

STAR Alice Springs 34.01 167 P P 02 48 36.0 +0.4

SKA Stephens Creek 43.88 161 P P 02 49 57.7 -0.2

MKAR Makanchi Array 52.48 323 P P 02 51 04.0 0.0

ZALV Zalesovo Beam 55.11 331 P P 02 51 22.6 -0.6

JOF ARCES Array B 84.71 340 P P 02 54 18.4 -0.8

FINES FINES Array B 86.38 332 P P 02 54 32.6 0.0

NOA NORAS Array B 93.25 334 P P 02 55 03.8 -1.2

YKA Yellowknife Arr 94.23 24 P P 02 55 11.3 +1.9

TORD Torodi Arr, Beza 120.50 291 PKP P 03 00 43.2 +0.3

NEIC 22 02:43:49.6, 3246S-7033W, h110km, MD3.7(GUC), After GUC

GUC 22 02:43:49.6-0.7, 3246S-7033W, h110km, 5km, MD3.3, ML2.6, 1C-4D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Peldehue, Farellones, Pirque, Talagante, Las Melosas, Combarbala, San Fernando.

NEIC 22 03:20:14.4, 3178S-6953W, h125km, MD3.9(GUC), After GUC

GUC 22 03:20:14.4-0.8, 3178S-6953W, h125km, MD3.9, ML4.1, 7C-1D, San Juan Province

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Jahuel, Combarbala, Cerro Calan, Ovalle, Penalolen, Tololo Astrono.

comp=N, 889nm, 0.7s

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Penalolen, Tololo Astrono, Ovalle.

comp=N, 6um, 0.6s

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Penalolen, Tololo Astrono, Ovalle.

comp=N, 429nm, 0.8s

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Instituto Hidir, Talagante, Chadas Angostu, La Serena.

comp=N, 6um, 0.6s

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Penalolen, Tololo Astrono, Ovalle.

comp=N, 490nm, 0.1s

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

NEIC 22 03:22:39.6, 4382S-17166E, h18km, ML3.9(WEL), After WEL

WEL 22 03:22:39.6-0.1, 4382S-17166E, h18km, 2km, ML3.8/7, 3C-1D, Error ellipse: s-maj=1.6km s-min=1.3km az=0.0, South Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Rata Peaks, McQueen's Vall, Canterbury Las, Waitaha Valley, Lake Taylor.







Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AYDN Tasoluk, YLV Yalova, ISK Istanbul-Kandi, etc.

ICD 22:04:03:18.3z.2.3, 285A5.17760W, h0km, mb3.8/2, mb1 4.1/2, mb1mx3.7/12, mbtmp3.8/2, Error ellipse: s-maj=49.9km s-min=22.7km az=92.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include RAO Raoul Island, ASAR Alice Springs, WRA Warramunga Arr, etc.

ISCJB 22:04:14:55.4.0.5, 1553N-003.12111E.005, h7km, Error ellipse: s-maj=6.6km s-min=4.6km az=164.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PCPH Palayan, QVPH Queszon City-P, BCPH Baguio City Da, etc.

ICD 22:27:53.7.0.9, 2176N-14341E, h0km, mb3.9/9, mb1 4.1/10, mb1mx4.0/20, mbtmp4.0/10, ML3.7/1, Error ellipse: s-maj=33.4km s-min=19.6km az=81.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBIJ Chichi jima, KSRS Korea Arr, SONM Songoing Arr, etc.

ISCJB 22:04:33:16.14.3, 104S-02.1614E.03, h85km, 29km, mb3.7/6, Error ellipse: s-maj=49.9km s-min=21.8km az=23.6

NEIC 22:04:33:16.9.4.2, 1036S-16142E, h78km, 26km, Error ellipse: s-maj=54.9km s-min=16.2km az=119.0

ICD 22:04:33:16.7.5.4, 1041S-16143E, h78km, 39km, mb3.7/6, mb1 3.8/7, mb1mx3.7/15, mbtmp3.7/7, ML4.2/1, MS3.6/2, Ms1 3.5/2, ms1mx3.0/22, Error ellipse: s-maj=44.8km s-min=23.2km az=111.0

ISC 22:04:33:16.5.4.1, 1042E-02.1615E.03, h5km, 29km, n9, o55S/9, mb3.8/6, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include HNR Honiara, CTA Charters Tower, WRA Warramunga Arr, etc.

ISCJB 22:04:49:35.2.2.2, 213S-02.1781W.01, h565km, 29km, mb3.9/14, Error ellipse: s-maj=28.5km s-min=18.8km az=170.2

NEIC 22:04:49:35.8.1.6, 2129S-17804W, h562km, 20km, mb4.1/5, Error ellipse: s-maj=20.5km s-min=13.0km az=170.0

ICD 22:04:49:35.4.2.9, 2130S-1778W, h556km, 34km, mb3.3/9, mb1 3.5/10, mb1mx3.4/14, mbtmp3.3/10, Error ellipse: s-maj=22.0km s-min=19.7km az=16.0

ISC 22:04:49:35.9.2.1, 213S-02.1781W.01, h559km, 26km, n28, o582/22, mb3.9/14, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include RAO Raoul Island, RAO Raoul Island, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KAKA Kakadu, KORT Forrest, FITZ Fitzroy Crossi, etc.

NEIC 22:05:01:56.5, 1767N-6845W, h20km, MD3.5(RSPR), After RSPR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IMO Isla Mona, CRPR Cabo Rojo, PR, LSP Las Mesas, etc.

MAN 22:05:02:168.28, 1768N-12035E, h32km, mb3.7, ML2.4, MS2.0, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ABRA Dolores, APYP Conner, BOP Bolinao, etc.

ICD 22:05:06:44.3.1.9, 151N-9903E, h0km, mb3.8/5, mb1 3.9/5, mb1mx3.7/20, mbtmp3.8/5, Error ellipse: s-maj=68.4km s-min=13.1km az=73.0

ISCJB 22:05:06:46.9.0.9, 148N-008-990E.01, h33km, mb3.9/7, Error ellipse: s-maj=20.9km s-min=11.4km az=3.2

NEIC 22:05:06:48.6.0.8, 153N-9905E, h30km, mb4.2/2, Error ellipse: s-maj=25.0km s-min=10.3km az=66.0

NEIC Felt [I] at Sibolga

ISC 22:05:06:49.0.0.9, 148N-008-989E.01, h35km, n10, o590/11, mb3.9/7, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PSI Prapat, KULM Kulim, WARR Warramunga Arr, etc.

ICD 22:05:09:39.6.10.0, 2876S-6801W, h94km, 78km, mb3.7/1, mb1 3.6/2, mb1mx3.3/16, mbtmp3.5/2, ML4.3/1, Error ellipse: s-maj=161.7km s-min=66.8km az=145.0

ISCJB 22:05:09:40.5.0.9, 2862S-006.679W.01, h109km, 21km, Error ellipse: s-maj=16.8km s-min=9.2km az=13.2

GUC 22:05:09:41.5.0.9, 2860S-6798W, h120km, ML4.3

NEIC 22:05:09:41.6.0.6, 2861S-6788W, h111km, 7km, mb4.1/1, Error ellipse: s-maj=11.0km s-min=7.7km az=117.0

ISC 22:05:09:41.7.0.8, 2862S-006-6788W.009, h100km, 19km, n18, o593/21, 2C-4D, La Rioja Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LCO Las Campanas, LCO LCO, CPCH Copiapo, etc.

NEIC 22:05:13:44.1, 1779N-6395W, h147km, MD3.6(RSPR), After RSPR

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CDVI St. Croix, CDVI Tortola, TBVI Tortola, etc.

MAN 22:05:26:39, 1081N-12238E, h55km, mb3.5, ML2.2, MS1.6, I.C. Panay

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GUIM Jordan, GUIM Roxas, RCP Kalibo, etc.

ISCJB 22:05:31:37.3.0.4, 6129N-003.15027W.008, h59km, 4km, mb3.4/3, Error ellipse: s-maj=6.5km s-min=5.1km az=28.9

ICD 22:05:31:39.0.2.3, 6120N-10133W, h52km, 22km, mb3.2/3, mb1 3.4/6, mb1mx3.2/21, mbtmp3.2/6, ML3.1/3, Error ellipse: s-maj=27.0km s-min=14.4km az=120.0

NEIC 22:05:31:39.1, 6131N-15021W, h46km, ML3.7(PMR), ML3.4(AEIC), After AEIC

NEIC Felt [II] at Anchorage and [I] at Eagle River. Also felt at Chugiak, Palmer and Wasilla.

ISC 22:05:31:38.7.0.4, 6129N-003.15023W.008, h50km, 5km, n36, o581/43, mb3.4/3, Southern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include FIB Fire Island, FIB Rabbit Creek A, RC01 Palmer, etc.

ICD 22:05:36:37.9.1.1, 2183N-14322E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.8/17, mbtmp3.8/5, MS3.2/4, Ms1 3.2/4, ms1mx2.9/27, Error ellipse: s-maj=47.7km s-min=23.4km az=87.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JHJ Hachijo jima 2, JOW Kunigami, MJAR Matsushiro Arr, etc.

ICD 22:05:37:49.9.1.1, 2176N-14325E, h0km, mb3.8/5, mb1 3.9/6, mb1mx3.8/17, mbtmp3.8/5, Error ellipse: s-maj=52.0km s-min=25.1km az=36.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KSRS Korea Arr, SONM Songoing Arr, WRA Warramunga Arr, etc.





22d 6h

2007 MAY

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ZALV, ZAL, ZALZ, MK31, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like YBH, B08A, H05A, A09A, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like M08A, S05C, C13A, U04C, etc.







Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like APON Apoyo, JATO Jato, BOACOB BROADBAND, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTA Charters Tower, CTAO Charters Tower, KAKA Kaka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCES Array B, AKASA Malin Array Be, BSEGB Bad Segeberg, etc.

ISCBJ 22 10:49:23.2.2.1, 703S:009:15592E:008, h18km,21km, mb4.3/17, Error ellipse: s-maj=15.7km s-min=12.6km az=151.5

ISZFR 22 11:03:48.1.3.1, 010S:-12298E, h124km,22km, mb3.1/3, mb1 3/3, mb1mx3.1/18, mbtmp3.1/5, Error ellipse: s-maj=33.3km s-min=22.7km az=69.0, Minahassa Peninsula, Sulawesi

ISCBJ 22 11:26:37.9.14.0, 707S:-14719E, h73km,127km, mb3.2/2, mb1 3.4/3, mb1mx3.2/12, mbtmp3.2/2, ML3.6/1, Error ellipse: s-maj=67.6km s-min=64.0km az=63.0, Eastern New Guinea region















Table with columns: JIRN, Jiri, 88.65 299 eP, P, 17 56 42.5 +0.6, etc. Lists various radio stations and their frequencies.

Table with columns: ZAL, Zalesovo, 96.87 324 P, P, 17 57 18.0 -1.1, etc. Lists various radio stations and their frequencies.

Table with columns: MTLF, Montoliou, 148.18 339 ePKP1, PKPbc, 18 03 34.0 +0.5, etc. Lists various radio stations and their frequencies.

ISCJB 22 17:53:57.9-0.8, 3755N-003-2679E-005, h6km,6km, Error ellipse: s-maj=6.6km s-min=5.6km az=176.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station codes and names like SMG Samos, BDRM Kayabasi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station codes and names like BUI 22 18:07:54.0, 3442N-12124E, h7km, ML3.8, Yellow Sea.

IDC 22 18:16:09.7-2.3, 351N-12685E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.1/7, mbtmtp3.2/3, Error ellipse: s-maj=183.9km s-min=27.3km az=66.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station codes and names like WRA Warramunga Arr, ASAR Alice Springs, MKAR Maknanchi Arr, etc.

IDC 22 18:27:37.3-0.8, 3711N-2117E, h0km, mb3.9/11, mb1 3.8/14, mb1mx3.7/27, mbtmtp3.8/14, ML3.4/3, MS2.7/1, Ms1 2.7/1, ms1mx2.0/40, Error ellipse: s-maj=18.7km s-min=15.5km az=81.0

CSEM 22 18:27:41.1-0.1, 3672N-2126E, h40km, mb4.3/4, Error ellipse: s-maj=1.8km s-min=1.6km az=46.0

ISCJB 22 18:27:41.3-0.3, 3681N-002-2115E-003, h63km,4km, mb3.9/17, Error ellipse: s-maj=4.3km s-min=2.8km az=39.9

ATH 22 18:27:44.5, 3701N-2137E, h48km,5km, MD3.9/20, ML3.8 NEIC 22 18:27:44.3, 3699N-2135E, h48km, MD3.9/1, MD3.9(ATH), After ATH

THE 22 18:27:44.3, 3690N-2127E, h32km, ML4.2 HLW 22 18:27:47.7, 3654N-2175E, h8km, Mb4.2 GII 22 18:27:59.3-0.0, 3600N-2281E, h0km, mb4.5/8, ML4.4/8

ISC 22 18:27:43.0-0.3, 3685N-002-2119E-003, h56km,4km, n135, s1919/167, mb3.9/17, 8C-2D, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station codes and names like PYL PYLOS, ITM Ithomi, etc.



Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like THL, JAN, VAM, MEY, NEO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BOSA, KSRS, MOS, BUI, NEIC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CD2, XAN, BJT, BJI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, Res, ISC. Includes stations like KURK Kurchatov, VAND Vanda, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, Res, ISC. Includes stations like KFL Anninata, KLD Levkas, Sela, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, Res, ISC. Includes stations like KBL Kabul, FINES FINES Array B, AKAS Main Array B, etc.

PSET		eS	Sg	19 57 30.1	-1.1	comp=Z,9.3nm,0.7s	EPF	Esparros	19.91	66	eP	Pn	pmx	20 01 33.3	-0.5	CABF	comp=Z,1.9nm,1.1s,mb4.5	La Chapelle	24.55	58	eP	P	pmx	20 02 20.2	-0.3		
PSBA	Serra de Santa	2.56	306	eP	Pn	19 57 40.8	-1.2	comp=Z,5.0nm,0.7s	EPF	Esparros	19.91	66	eP	pmx	20 01 33.3	-0.5	CABF	comp=Z,10.0nm,1.0s,mb4.5	La Chapelle	24.55	58	eP	P	pmx	20 02 20.2	-0.3	
PSBA		eS	Pn	19 58 08.7	-5.1	comp=Z,4.7nm,0.7s	EPF	Poblet	20.29	71	P	P		20 01 35.6	-0.8	UCC	comp=Z,9.5nm,1.1s,mb4.5	Uccle	24.65	48	eP	P		20 02 20.8	-0.5		
PSBA		A	Pn	19 58 14.0		comp=Z,2.5nm,0.8s	EPF	Poblet	20.29	71	P	P		20 01 35.6	-0.8	GIVF	comp=Z,5.2nm,0.9s,mb5.0	Givet	24.68	49	eP	P		20 02 21.5	-0.1		
PMAN	Mánadas	3.02	297	eP	Pn	19 57 47.0	-1.3	comp=Z,2.5nm,0.8s	MFF	Saint Martin d	20.39	55	eP	P	20 01 38.9	+1.4	GIVF	comp=Z,2.6nm,0.9s,mb5.0	Givet	24.68	49	eP	pmx		20 02 21.5	-0.1	
PMAN		eS	Pn	19 58 19.8	-5.3	comp=Z,1.3nm,0.8s	MFF	Saint Martin d	20.39	55	eP	pmx	pmx	20 01 38.9	+1.4	GIVF	comp=Z,2.6nm,0.9s,mb5.0	Givet	24.68	49	eP	P		20 02 21.5	-0.1		
PMAN		eS	Pn	19 58 22.4		comp=Z,3.9nm,0.8s	MFF	Saint Martin d	20.39	55	eP	P		20 01 38.9	+1.4	GIVF	comp=Z,2.6nm,0.9s,mb5.0	Givet	24.68	49	eP	P		20 02 21.5	-0.1		
ROSA	Rosais	3.16	298	eP	Pn	19 57 49.3	-1.0	comp=Z,1.3nm,0.8s	MFF	Saint Martin d	20.39	55	eP	P	20 01 38.9	+1.4	GIVF	comp=Z,2.6nm,0.9s,mb5.0	Givet	24.68	49	eP	P		20 02 21.5	-0.1	
ROSA		eS	Pn	19 58 23.5	-5.5	comp=Z,3.9nm,0.8s	MFF	Saint Martin d	20.39	55	eP	P		20 01 38.9	+1.4	GIVF	comp=Z,2.6nm,0.9s,mb5.0	Givet	24.68	49	eP	P		20 02 21.5	-0.1		
SRBC	Serra Branca	3.18	304	eP	Pn	19 57 49.8	-0.7	comp=Z,1.3nm,0.8s	MFF	Saint Martin d	20.39	55	eP	P	20 01 38.9	+1.4	GIVF	comp=Z,2.6nm,0.9s,mb5.0	Givet	24.68	49	eP	P		20 02 21.5	-0.1	
SRBC		eS	Pn	19 58 23.5	-5.5	comp=Z,3.9nm,0.8s	MFF	Saint Martin d	20.39	55	eP	P		20 01 38.9	+1.4	GIVF	comp=Z,2.6nm,0.9s,mb5.0	Givet	24.68	49	eP	P		20 02 21.5	-0.1		
PICO	Pico	3.21	293	eP	Pn	19 57 50.4	-0.7	comp=Z,1.3nm,0.8s	MFF	Saint Martin d	20.39	55	eP	P	20 01 38.9	+1.4	GIVF	comp=Z,2.6nm,0.9s,mb5.0	Givet	24.68	49	eP	P		20 02 21.5	-0.1	
PICO		eS	Pn	19 58 24.7	-5.1	comp=Z,3.9nm,0.8s	MFF	Saint Martin d	20.39	55	eP	P		20 01 38.9	+1.4	GIVF	comp=Z,2.6nm,0.9s,mb5.0	Givet	24.68	49	eP	P		20 02 21.5	-0.1		
HOR	Horta	3.37	292	eP	Pn	19 57 52.0	-1.1	comp=Z,1.3nm,0.8s	LF	La Frestale	20.54	60	eP	P	20 01 40.2	+1.0	BNI	comp=Z,8.0nm,1.0s,mb4.4	Bardonecchia	24.71	62	eP	pmx	pmx	20 02 22.4	+0.5	
HOR		eS	Pn	19 58 28.4	-5.3	comp=Z,2.6nm,0.8s	LF	La Frestale	20.54	60	eP	pmx	pmx	20 01 40.2	+1.0	BNI	comp=Z,8.0nm,1.0s,mb4.4	Bardonecchia	24.71	62	eP	P		20 02 22.4	+0.4		
CALA	Caldeira	3.44	293	eP	Pn	19 57 53.0	-1.1	comp=Z,1.3nm,0.8s	LF	La Frestale	20.54	60	eP	pmx	pmx	20 01 40.2	+1.0	BNI	comp=Z,8.0nm,1.0s,mb4.4	Bardonecchia	24.71	62	eP	P		20 02 22.4	+0.5
CALA		eS	Pn	19 58 29.9	-5.6	comp=Z,1.3nm,0.8s	LF	La Frestale	20.54	60	eP	P		20 01 40.2	+1.0	BNI	comp=Z,8.0nm,1.0s,mb4.4	Bardonecchia	24.71	62	eP	P		20 02 22.4	+0.5		
PCED	Cedros	3.46	294	eP	Pn	19 57 53.3	-1.0	comp=Z,1.3nm,0.8s	LF	La Frestale	20.54	60	eP	P	20 01 40.9	+1.3	MBDF	comp=Z,8.0nm,1.0s,mb4.4	Montbardon	24.74	63	eP	P		20 02 22.6	+0.4	
PCED		eS	Pn	19 58 30.3	-5.6	comp=Z,3.9nm,0.7s	GRR	Gorron	20.58	50	eP	P		20 01 40.9	+1.3	LPL	comp=Z,8.0nm,1.0s,mb4.4	La Plagne	24.82	61	eP	P		20 02 23.1	+0.2		
PCED		A	Pn	19 58 34.0		comp=Z,3.9nm,0.7s	GRR	Gorron	20.58	50	eP	pmx	pmx	20 01 40.9	+1.3	LPG	comp=Z,1.6nm,1.1s,mb4.4	La Plagne	24.82	61	eP	P		20 02 23.1	+0.2		
EHIG	Higuera	10.45	145	P	Pn	19 59 29.7	-0.6	comp=Z,1.6nm,0.7s	GRR	Gorron	20.58	50	eP	pmx	pmx	20 01 40.9	+1.3	LPG	comp=Z,8.0nm,1.0s,mb4.4	La Plagne	24.82	61	eP	pmx	pmx	20 02 23.1	+0.2
EHIG		P	Pn	19 59 29.7	-0.6	comp=Z,1.6nm,0.7s	GRR	Gorron	20.58	50	eP	P		20 01 40.9	+1.3	LPG	comp=Z,8.0nm,1.0s,mb4.4	La Plagne	24.82	61	eP	P		20 02 23.1	+0.2		
EGOM	Higuera	10.45	145	P	Pn	19 59 37.0	-1.7	comp=Z,1.6nm,0.7s	GRR	Gorron	20.58	50	eP	P	20 01 44.7	+1.0	LVIF	comp=Z,7.8nm,1.1s,mb4.4	Mont Vial	24.93	65	eP	P		20 02 25.4	+1.4	
EGOM		P	Pn	19 59 37.0	-1.7	comp=Z,1.6nm,0.7s	GRR	Gorron	20.58	50	eP	P		20 01 44.7	+1.0	LVIF	comp=Z,7.8nm,1.1s,mb4.4	Mont Vial	24.93	65	eP	P		20 02 25.4	+1.4		
EGOM	La Gomera	11.06	143	P	Pn	20 01 31.6	-11	comp=Z,4.4nm,0.8s	FLN	La Foliniere	20.96	49	eP	eMLR	MLR	20 01 44.7	+1.0	HAU	comp=Z,2.53nm,22.2s,MS3.4	Haudompre	25.01	64	eP	P		20 02 24.7	-0.1
EGOM		S	Pn	19 59 37.0	-1.7	comp=Z,3.9nm,20.2s,MS3.4	FLN	La Foliniere	20.96	49	eP	pmx	pmx	20 01 44.7	+1.0	HAU	comp=Z,2.53nm,22.2s,MS3.4	Haudompre	25.01	64	eP	P		20 02 24.7	-0.1		
CHIE	El Hierro	11.09	147	P	Pn	20 01 33.4	-10	comp=Z,2.2nm,0.8s	FLN	La Foliniere	20.96	49	eP	pmx	pmx	20 01 44.7	+1.0	HAU	comp=Z,2.53nm,22.2s,MS3.4	Haudompre	25.01	64	eP	P		20 02 24.7	-0.1
CHIE		S	Pn	19 59 37.2	-1.9	comp=Z,2.2nm,0.8s	FLN	La Foliniere	20.96	49	eP	pmx	pmx	20 01 44.7	+1.0	HAU	comp=Z,2.53nm,22.2s,MS3.4	Haudompre	25.01	64	eP	P		20 02 24.7	-0.1		
CHIE	El Hierro	11.09	147	P	Pn	20 01 33.4	-10	comp=Z,2.2nm,0.8s	FLN	La Foliniere	20.96	49	eP	pmx	pmx	20 01 44.7	+1.0	HAU	comp=Z,2.53nm,22.2s,MS3.4	Haudompre	25.01	64	eP	P		20 02 24.7	-0.1
CHIE		S	Pn	19 59 37.2	-1.9	comp=Z,2.2nm,0.8s	FLN	La Foliniere	20.96	49	eP	pmx	pmx	20 01 44.7	+1.0	HAU	comp=Z,2.53nm,22.2s,MS3.4	Haudompre	25.01	64	eP	P		20 02 24.7	-0.1		
EBAJ	Bajamar	11.18	139	P	Pn	20 01 35.1	-14	comp=Z,2.2nm,0.8s	LDF	La Druitiere	21.11	50	eP	P	20 01 46.2	+0.9	HINF	comp=Z,8.0nm,1.5s,mb4.3	Hinterfeld	25.31	55	eP	P		20 02 25.6	-0.2	
EBAJ		P	Pn	19 59 37.2	-3.1	comp=Z,2.2nm,0.8s	LDF	La Druitiere	21.11	50	eP	P		20 01 46.2	+0.9	HINF	comp=Z,8.0nm,1.5s,mb4.3	Hinterfeld	25.31	55	eP	P		20 02 25.6	-0.2		
CCAN	Las Canarias	11.31	141	P	Pn	20 01 35.1	-14	comp=Z,2.2nm,0.8s,mb4.3	LDF	La Druitiere	21.11	50	eP	pmx	pmx	20 01 46.2	+0.9	HINF	comp=Z,8.0nm,1.5s,mb4.3	Hinterfeld	25.31	55	eP	P		20 02 25.6	-0.2
CCAN		S	Pn	19 59 40.6	-1.5	comp=Z,2.2nm,0.8s,mb4.3	LDF	La Druitiere	21.11	50	eP	pmx	pmx	20 01 46.2	+0.9	HINF	comp=Z,8.0nm,1.5s,mb4.3	Hinterfeld	25.31	55	eP	P		20 02 25.6	-0.2		
CCAN	Las Canarias	11.31	141	P	Pn	20 01 35.1	-14	comp=Z,2.2nm,0.8s,mb4.3	LDF	La Druitiere	21.11	50	eP	pmx	pmx	20 01 46.2	+0.9	HINF	comp=Z,8.0nm,1.5s,mb4.3	Hinterfeld	25.31	55	eP	P		20 02 25.6	-0.2
CCAN		S	Pn	19 59 40.6	-1.5	comp=Z,2.2nm,0.8s,mb4.3	LDF	La Druitiere	21.11	50	eP	pmx	pmx	20 01 46.2	+0.9	HINF	comp=Z,8.0nm,1.5s,mb4.3	Hinterfeld	25.31	55	eP	P		20 02 25.6	-0.2		
EOSO	Osoorio	11.97	138	P	Pn	20 01 35.1	-14	comp=Z,2.2nm,0.8s,mb4.3	LDF	La Druitiere	21.11	50	eP	pmx	pmx	20 01 46.2	+0.9	HINF	comp=Z,8.0nm,1.5s,mb4.3	Hinterfeld	25.31	55	eP	P		20 02 25.6	-0.2
EOSO		P	Pn	19 59 50.1	-1.1	comp=Z,2.2nm,0.8s,mb4.3	LDF	La Druitiere	21.11	50	eP	pmx	pmx	20 01 46.2	+0.9	HINF	comp=Z,8.0nm,1.5s,mb4.3	Hinterfeld	25.31	55	eP	P		20 02 25.6	-0.2		
EOSO	Osoorio	11.97	138	P	Pn	20 01 35.1	-14	comp=Z,2.2nm,0.8s,mb4.3	LDF	La Druitiere	21.11	50	eP	pmx	pmx	20 01 46.2	+0.9	HINF	comp=Z,8.0nm,1.5s,mb4.3	Hinterfeld	25.31	55	eP	P		20 02 25.6	-0.2
EOSO		P	Pn	19 59 50.1	-1.1	comp=Z,2.2nm,0.8s,mb4.3	LDF	La Druitiere	21.11	50	eP	pmx	pmx	20 01 46.2	+0.9	HINF	comp=Z,8.0nm,1.5s,mb4.3	Hinterfeld	25.31	55	eP	P		20 02 25.6	-0.2		
CFTV	Fuerteventura	12.54	132	P	Pn	20 00 01.8	-5.0	comp=Z,3.76nm,18.2s,MS3.5	MTLF	Montleu	21.31	65	eP	P	20 01 48.4	+0.9	WLF	comp=Z,3.6nm,0.8s,mb5.2	Walfardange	25.35	51	eP	pmx	pmx	20 02 28.1	+0.4	
CFTV		P	Pn	19 59 56.8	-2.2	comp=Z,3.76nm,18.2s,MS3.5	MTLF	Montleu	21.31	65	eP	P		20 01 48.4	+0.9	WLF	comp=Z,3.6nm,0.8s,mb5.2	Walfardange	25.35	51	eP	pmx	pmx	20 02 28.1	+0.4		
CFTV	Fuerteventura	12.54	132	P	Pn	20 00 01.8	-5.0	comp=Z,3.76nm,18.2s,MS3.5	MTLF	Montleu	21.31	65	eP	P	20 01 49.6	+0.5	WLF	comp=Z,2.0nm,0.9s,mb4.8	Walfardange	25.35	51	eP	P		20 02 27.8	+0.1	
CFTV		P	Pn	19 59 56.8	-2.2	comp=Z,3.76nm,18.2s,MS3.5	MTLF	Montleu	21.31	65	eP	P		20 01 49.6	+0.5	WLF	comp=Z,2.0nm,0.9s,mb4.8	Walfardange	25.35	51	eP	P		20 02 27.8	+0.1		
EVOP	Sao Brissos	13.12	80	ePn	Pn	20 00 01.8	-5.0	comp=Z,1.6nm,1.0s,mb4.3	CAF	Calviac	21.46	61	eP	P	20 01 49.6	+0.5	WLF	comp=Z,3.6nm,0.8s,mb5.2	Walfardange	25.35	51	eP	pmx	pmx	20 02 27.8	+0.1	
EVOP		eS	Pn	20 02 17.7	-16	comp=Z,1.6nm,1.0s,mb4.3	CAF	Calviac	21.46	61	eP	P		20 01 49.6	+0.5	WLF	comp=Z,3.6nm,0.8s,mb5.2	Walfardange	25.35	51	eP	pmx	pmx	20 02 27.8	+0.1		
EVOP	Evora	13.20	80	ePn	Pn	20 00 01.8	-5.0	comp=Z,3.3nm,1.0s,mb4.3	CAF	Calviac	21.46	61	eP	pmx	pmx	20 01 49.6	+0.5	WLF	comp=Z,3.6nm,0.8s,mb5.2	Walfardange	25.35	51	eP	pmx	pmx	20 02 27.8	+0.1
EVOP		eS	Pn	20 02 17.7	-16	comp=Z,3.3nm,1.0s,mb4.3	CAF	Calviac	21.46	61	eP	pmx	pmx	20 01 49.6	+0.5	WLF	comp=Z,3.6nm,0.8s,mb5.2	Walfardange	25.35	51	eP	pmx	pmx	20 02 27.8	+0.1		
EVO		eMLR	MLR	20 00 01.8	-5.0	comp=Z,1.6nm,1.0s,mb4.3	CAF	Calviac	21.46	61	eP	P		20 01 49.6	+0.5	WLF	comp=Z,3.6nm,0.8s,mb5.2	Walfardange	25.35	51	eP	pmx	pmx	20 02 27.8	+0.1		
EVO		eS	Pn	20 02 17.7	-16	comp=Z,1.6nm,1.0s,mb4.3	CAF	Calviac	21.46	61	eP	P		20 01 49.6	+0.5	WLF	comp=Z,3.6nm,0.8s,mb5.2	Walfardange	25.35	51	eP	pmx	pmx	20 02 27.8	+0.1		

22d 20h

Table with columns: Call sign, Frequency, Power, Mode, and other details. Includes stations like TIP, NAO01, MORC, etc.

2007 MAY

Table with columns: Call sign, Frequency, Power, Mode, and other details. Includes stations like RES, SDV, AGMN, etc.

732

Table with columns: Call sign, Frequency, Power, Mode, and other details. Includes stations like WMQ, YAK, MOY, etc.

FUNV 22:00:18.8, 1057N-6199W, h1km, MW2.4
ISCBJ 22:00:19.5-0.8, 1058N-008.6203W-0.03, h12km, 6km,
Error ellipse: s-maj=13.9km s-min=4.5km az=178.8
TRN 22:00:19.8, 1099N-6189W, h3km, MD2.8



Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other technical details for various stations.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other technical details for various stations.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other technical details for various stations, including specific event information like 'CSEM 22:20:29.03.6' and 'ATH 22:20:29.03.6'.



735

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Frequency, and other technical details for stations 735-800.

ISCJB 22:04:29.4s, 211.4S, 007.16688E, 0.07, h8km, 18km, m-b4/36, MS4.3/17, Error ellipse: s-maj=14.3km, s-min=8.8km, az=142.9

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Frequency, and other technical details for stations 800-975.

2007 MAY

Main table with columns: Code, Station Name, Azimuth, Elevation, SNR, Frequency, and other technical details for stations 975-1600.

22d 21h

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Frequency, and other technical details for stations 1600-2200.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HGN Heimansgroeve, FUR Furstenfeldbrunn, MEM Membach, etc.

IDC 22:11:02.29.1.3, 3724N, 2478W, h0km, mb3.76, mb1 3.9/6, mb1mx3.6/23, mbtmp3.7/6, MS3.4/1, Ms1 3.4/1, ms1mx2.6/46, Error ellipse: s-maj=38.4km s-min=27.4km az=18.0

ISCJB 22:11:03.01.0.7, 3744N, 004.2492W, h0km, mb3.6/6, Error ellipse: s-maj=7.9km s-min=5.1km az=144.4

NEIC 22:11:03.06.0.9, 3722N, 2484W, h10km, Error ellipse: s-maj=27.9km s-min=11.8km az=215.0

PDA 22:11:03.83.1.0, 3729N, 2474W, h5km, MD4.0, ML4.2, Error ellipse: s-maj=7.2km s-min=2.9km az=79.0

CSEM 22:11:03.34.0.2, 3733N, 2516W, h20km, ML4.2, Error ellipse: s-maj=4.8km s-min=3.1km az=32.0

ISC 22:11:03.18.0.6, 3741N, 004.2490W, h10km, n31, a=109/50, mb3.6/6, Azores Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PSMN Pico do Norte, CMLA Cha da Macela, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PSCM Serra de Santa, PSBA Serra de Santa, etc.

TEH 22:11:16.41.1, 3109N, 5684E, h9km, ML3.5, ISCJB 22:11:17.48.9.1.4, 3105N, 005.5683E, h5km, 10km, Error ellipse: s-maj=9.3km s-min=6.2km az=170.4

CSEM 22:11:17.49.5.0.1, 3107N, 5683E, h16km, ML3.5, Error ellipse: s-maj=3.0km s-min=1.3km az=164.0

THR 22:11:17.50.5.0.4, 3089N, 5687E, h16km, 4km, ML3.1, ISC 22:11:17.50.2.1.5, 3109N, 006.5682E, h5km, 11km, n16, a=84/20, Northern and central Iran

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

ISCJB 22:11:21.05.7.3.6, 90N, 01x12179E, 0.10, h16km, 29km, mb3.5/2, Error ellipse: s-maj=23.9km s-min=10.3km az=35.9

IDC 22:11:21.09.5.2.5, 899N, 12323E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.5/18, mbtmp3.5/3, Error ellipse: s-maj=239.9km s-min=28.6km az=63.0

ISC 22:11:21.05.8.5.0, 91N, 01x12187E, 0.07, h6km, 36km, n7, a=042/10, mb3.5/2, 1D, Sulu Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SNPH Sibulan, DCPH Dipolog City, etc.

CSEM 22:11:28.35.8, 3584N, 2720E, h2km, MD3.5/4, After ATH, NEIC 22:11:28.35.8, 3584N, 2720E, h2km, MD3.4(ATH), After ATH

ATH 22:11:28.35.8, 3584N, 2720E, h2km, MD3.4(ATH), Dodecanese Islands

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

MEX 22:11:32.05.0.7, 1613N, 9689W, h60km, 21km, MD3.7, Oaxaca

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HUIG Huatulco, VHO Vista Hermosa, etc.

CSEM 22:11:41.39.1.0, 4410N, 1222E, h12km, ML3.2/17, Error ellipse: s-maj=0.9km s-min=0.8km az=82.0

ROM 22:11:41.39.6.0.2, 4408N, 1222E, h5km, 2km, MD3.1/16, ML2.8/20, Error ellipse: s-maj=2.0km s-min=1.2km az=143.0

NEIC 22:11:41.40.0, 4408N, 1222E, h10km, ML3.1(LDG), ML2.9(ROM), ML2.7(ZAG), After ROM, LDG 22:11:41.40.7.0.1, 4406N, 1222E, h10km, M3.1/15, Error ellipse: s-maj=3.7km s-min=2.2km az=50.0

GEN 22:11:41.41.3, 4403N, 1221E, h2km, ML2.0, ISC 22:11:41.39.7.0.2, 4415N, 001.1222E, h10km, n129, a=18/228, 27C-16D, Northern Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BRSN Barisano, RSM Repubblica di, etc.

SQTA	SNR=8.8 Sankt Quirin 8.0nm,8.0s	3.15 347 Pn	Pn	21 42 30.9 +1.6
SOKA	Sothob 17nm,0.4s	3.21 37 Pn	Pn	21 42 33.7 +3.6
WATA	Walderalm 3.22 352 Pn	Sn	21 43 06.9 -1.7	
WATA	Walderalm 3.22 352 Pn	Sn	21 42 31.7 +1.5	
WATA	Walderalm 3.22 352 Pn	Sg	21 43 28.5 +5.5	
WATA	Walderalm 3.22 352 Pn	Sn	21 42 31.7 +1.5	
WATA	Walderalm 3.22 352 Pn	Sn	21 43 06.9 -1.7	
WATA	Walderalm 3.22 352 Pn	Sn	21 42 31.7 +1.5	
WATA	Walderalm 3.22 352 Pn	Sn	21 43 06.9 -1.7	
MOTA	Moosalm 3.29 347 Pn	Sn	21 42 08.1 -2.3	
MOTA	Moosalm 3.29 347 Pn	Sn	21 43 33.1 +1.8	
MOTA	Moosalm 3.29 347 Pn	Sn	21 43 08.1 -2.3	
MOTA	Moosalm 3.29 347 Pn	Sn	21 42 33.1 +1.9	
MOTA	Moosalm 3.29 347 Pn	Sn	21 43 15.2 +4.8	
SBF	Sospel 3.47 267 Pn	Sn	21 42 32.9 -0.7	
SBF	Sospel 3.47 267 Pn	Sn	21 43 11.5 -3.2	
SBF	Sospel 3.47 267 Pn	Sn	21 42 32.9 -0.7	
SBF	Sospel 3.47 267 Pn	Sn	21 43 11.5 -3.2	
REVA	Reutte 3.49 343 Pn	Pn	21 42 35.7 +1.8	
DAVA	Damuels 3.54 333 Pn	Pn	21 42 36.6 +1.9	
DAVA	Damuels 3.54 333 Pn	Pn	21 42 36.6 +1.9	
MBDF	Montbardon 3.95 280 Pn	Pn	21 42 39.8 -0.5	
MBDF	Montbardon 3.95 280 Pn	Pn	21 42 23.2 -3.4	
MBDF	Montbardon 3.95 280 Pn	Pn	21 42 39.8 -0.5	
MBDF	Montbardon 3.95 280 Pn	Pn	21 42 23.2 -3.4	
MOA	Molin 3.96 20 Pn	Sg	21 43 26.6 -0.4	
MOA	Molin 3.96 20 Pn	Sg	21 43 45.5 -1.4	
MOA	Molin 3.96 20 Pn	Sg	21 42 42.1 +1.6	
MOA	Molin 3.96 20 Pn	Sg	21 43 26.6 -0.4	
MOA	Molin 3.96 20 Pn	Sg	21 43 55.7 +8.8	
MOA	Molin 3.96 20 Pn	Sg	21 42 42.1 +1.6	
MOA	Molin 3.96 20 Pn	Sg	21 43 26.6 -0.4	
MOA	Molin 3.96 20 Pn	Sg	21 42 42.1 +1.6	
MOA	Molin 3.96 20 Pn	Sg	21 43 26.6 -0.5	
MOA	Molin 3.96 20 Pn	Sg	21 43 45.5 -1.4	
FRF	La Foret Royal 4.08 264 Pn	Pn	21 42 42.1 +0.1	
FRF	La Foret Royal 4.08 264 Pn	Pn	21 42 25.6 -4.2	
FRF	La Foret Royal 4.08 264 Pn	Pn	21 42 42.1 +0.1	
FRF	La Foret Royal 4.08 264 Pn	Pn	21 42 25.6 -4.2	
LPG	La Plagne 4.12 291 Pn	Pn	21 42 42.1 -0.5	
LPL	La Plagne 4.14 291 Pn	Pn	21 42 42.3 -0.6	
LPL	La Plagne 4.14 291 Pn	Pn	21 43 28.7 -2.6	
LPL	La Plagne 4.14 291 Pn	Pn	21 42 42.3 -0.6	
LPL	La Plagne 4.14 291 Pn	Pn	21 43 28.7 -2.6	
LMR	La Moure 4.22 261 Pn	Pn	21 42 43.1 -0.9	
LMR	La Moure 4.22 261 Pn	Pn	21 43 29.1 -4.2	
LMR	La Moure 4.22 261 Pn	Pn	21 42 43.1 -0.9	
LMR	La Moure 4.22 261 Pn	Pn	21 43 29.1 -4.2	
ORIF	Oris-en-Rattie 4.60 282 Pn	Pn	21 42 52.1 +2.9	
ORIF	Oris-en-Rattie 4.60 282 Pn	Pn	21 43 38.5 -4.2	
ORIF	Oris-en-Rattie 4.60 282 Pn	Pn	21 42 52.1 +2.9	
ORIF	Oris-en-Rattie 4.60 282 Pn	Pn	21 43 38.5 -4.2	
SMRF	Simiane la Rot 4.79 270 Pn	Pn	21 42 50.5 -1.4	
GEC2	GERESS Array S 4.81 12 Pn	Pn	21 42 50.3 -1.8	
GEC2	GERESS Array S 4.81 12 Pn	Pn	21 43 03.8 -0.1	
GEC2	GERESS Array S 4.81 12 Pn	Pn	21 43 13.5 +1.8	
GEC2	GERESS Array S 4.81 12 Pn	Pn	21 44 17.7 +3.8	
GEC2	GERESS Array S 4.81 12 Pn	Pn	21 42 50.5 -1.7	
CABF	La Chapelle 4.97 302 Pn	Pn	21 42 43.4 0.0	
CABF	La Chapelle 4.97 302 Pn	Pn	21 43 48.3 -3.6	
CABF	La Chapelle 4.97 302 Pn	Pn	21 42 54.3 0.0	
CABF	La Chapelle 4.97 302 Pn	Pn	21 43 48.3 -3.6	
BFO	Black Forest 4.98 329 Pn	Pn	21 42 52.9 -1.5	
BFO	Black Forest 4.98 329 Pn	Pn	21 42 52.9 -1.5	
KHC	Kasperske Hory 5.07 10 Pn	Pn	21 42 55.2 -0.4	
KHC	Kasperske Hory 5.07 10 Pn	Pn	21 43 25.5	
KHC	Kasperske Hory 5.07 10 Pn	Pn	21 43 51.4 -2.8	
KHC	Kasperske Hory 5.07 10 Pn	Pn	21 44 16.6 -5.7	
KHC	Kasperske Hory 5.07 10 Pn	Pn	21 42 55.2 -0.4	
KHC	Kasperske Hory 5.07 10 Pn	Pn	21 43 25.5	
KHC	Kasperske Hory 5.07 10 Pn	Pn	21 43 51.4 -2.8	
KHC	Kasperske Hory 5.07 10 Pn	Pn	21 44 16.6 -5.7	
HINF	Hinteralfeld 5.24 316 Pn	Pn	21 42 57.7 -0.3	
HINF	Hinteralfeld 5.24 316 Pn	Pn	21 43 54.7 -3.7	
HINF	Hinteralfeld 5.24 316 Pn	Pn	21 42 57.7 -0.3	
HINF	Hinteralfeld 5.24 316 Pn	Pn	21 43 54.7 -3.7	
VIVF	Saint-Julien-I 5.45 280 Pn	Pn	21 42 59.4 -1.5	
VIVF	Saint-Julien-I 5.45 280 Pn	Pn	21 43 59.0 -4.5	
VIVF	Saint-Julien-I 5.45 280 Pn	Pn	21 42 59.4 -1.5	
VIVF	Saint-Julien-I 5.45 280 Pn	Pn	21 43 59.0 -4.5	
CDF	Champ du Ous 5.47 323 Pn	Pn	21 43 01.1 -0.1	
CDF	Champ du Ous 5.47 323 Pn	Pn	21 44 01.4 -2.7	
CDF	Champ du Ous 5.47 323 Pn	Pn	21 43 01.1 -0.1	
CDF	Champ du Ous 5.47 323 Pn	Pn	21 44 01.4 -2.7	
HAU	Haudompre 5.62 315 Pn	Pn	21 43 03.0 -0.2	
HAU	Haudompre 5.62 315 Pn	Pn	21 44 04.0 -3.7	
HAU	Haudompre 5.62 315 Pn	Pn	21 43 03.0 -0.2	
HAU	Haudompre 5.62 315 Pn	Pn	21 44 04.0 -3.7	
PRU	Pruhonice 6.05 14 Pn	Pn	21 43 08.1 -1.0	
PRU	Pruhonice 6.05 14 Pn	Pn	21 44 14.3 -4.1	
PRU	Pruhonice 6.05 14 Pn	Pn	21 43 08.1 -1.0	
PRU	Pruhonice 6.05 14 Pn	Pn	21 44 14.3 -4.1	
PRU	Pruhonice 6.05 14 Pn	Pn	21 43 08.1 -1.0	
PRU	Pruhonice 6.05 14 Pn	Pn	21 44 14.3 -4.1	
PRU	Pruhonice 6.05 14 Pn	Pn	21 43 08.1 -1.0	
PRU	Pruhonice 6.05 14 Pn	Pn	21 44 14.3 -4.1	
NKC	Novy Kostel 6.09 1 Pn	Pn	21 44 15.9 -3.4	
NKC	Novy Kostel 6.09 1 Pn	Pn	21 44 51.8 -3.2	
SMF	Signal de Mont 6.41 296 Pn	Pn	21 43 13.5 -0.5	
SMF	Signal de Mont 6.41 296 Pn	Pn	21 44 22.1 -5.1	
SMF	Signal de Mont 6.41 296 Pn	Pn	21 43 13.5 -0.5	
SMF	Signal de Mont 6.41 296 Pn	Pn	21 44 22.1 -5.1	
SFTF	Sextantaines 6.43 312 Pn	Pn	21 43 14.1 -0.2	
SFTF	Sextantaines 6.43 312 Pn	Pn	21 44 23.5 -4.2	
SFTF	Sextantaines 6.43 312 Pn	Pn	21 43 14.1 -0.2	
SFTF	Sextantaines 6.43 312 Pn	Pn	21 44 23.5 -4.2	
LOR	Lormes 6.63 301 Pn	Pn	21 43 16.6 -0.5	
LOR	Lormes 6.63 301 Pn	Pn	21 44 27.6 -5.2	
LOR	Lormes 6.63 301 Pn	Pn	21 43 16.6 -0.5	
LOR	Lormes 6.63 301 Pn	Pn	21 44 27.6 -5.2	
AVF	Avril sur Loir 6.77 296 Pn	Pn	21 43 18.4 -0.6	
AVF	Avril sur Loir 6.77 296 Pn	Pn	21 44 05.0 +7.9	
AVF	Avril sur Loir 6.77 296 Pn	Pn	21 43 18.4 -0.6	
AVF	Avril sur Loir 6.77 296 Pn	Pn	21 44 05.0 +7.9	
AVF	Avril sur Loir 6.77 296 Pn	Pn	21 43 18.4 -0.6	
AVF	Avril sur Loir 6.77 296 Pn	Pn	21 44 05.0 +7.9	
AVF	Avril sur Loir 6.77 296 Pn	Pn	21 43 18.4 -0.6	
AVF	Avril sur Loir 6.77 296 Pn	Pn	21 44 05.0 +7.9	
MTLF	Montoliou 7.29 267 Pn	Pn	21 43 25.2 -1.0	

SZGRF 22:21:47:45.0, 8.95S, 32.00E, h33km, mb4.5, Tanzania  
 MOS 22:21:47:58.7, 0.7, 6.38S, 30.66E, h10km, mb4.8/30, Error  
 ellipse: s-maj=14.1km s-min=5.2km az=97.6  
 ISCJB 22:21:47:58.3, 0.3, 6.45S, 0.04, 30.69E, h10km, mb4.6/53,  
 MS3.9/18, Error ellipse: s-maj=10.0km s-min=5.6km  
 az=6.8  
 BUJ 22:21:47:58.2, 6.40S, 30.80E, h10km, mb4.9, mb4.9, Ms4.6,  
 Ms4.4  
 NEIC 22:21:48:00.3, 0.3, 6.45S, 30.82E, h10km, mb4.7/34, MS4.0/1,  
 Error ellipse: s-maj=9.1km s-min=5.4km az=106.0  
 IDC 22:21:48:02.0, 1.0, 5.92S, 30.74E, h0km, mb4.2/12  
 ms1.4, 3/13, ms1mb1mx2/2, 22, mbtmp4.2/13, ML4.3/1, MS3.9/16,  
 ms1.3/19, ms1mx3, 7/31, Error ellipse: s-maj=23.9km  
 s-min=20.1km az=157.0  
 ISC 22:21:48:00.6, 0.3, 6.45S, 0.04, 30.72E, h10km, m167,  
 o567/174, mb4.6/53, MS3.9/18, 7C-5D, Lake Tanganyika  
 region

Code	Station Name	A°	AZ°	Phase ID	Time Res	ISC	Time Res	ISC
KMBO	Kilima Mbogo	8.39	51	P	21 50 01.8	-0.6		
KMBO	Kilima Mbogo	8.39	51	ePn	21 51 34.2	-3.0		
KMBO	Kilima Mbogo	8.39	51	ePn	21 49 57.4	-5.0		
KMBO	Kilima Mbogo	8.39	51	ePn	21 50 18.8	-0.6		
KMBO	Kilima Mbogo	8.39	51	ePn	21 51 23.5	-1.4		
KMBO	Kilima Mbogo	8.39	51	ePn	21 51 34.2	-3.0		
KMBO	Kilima Mbogo	8.39	51	ePn	21 52 15.9			
KMBO	Kilima Mbogo	8.39	51	ePn	21 50 01.8	-0.6		
KMBO	Kilima Mbogo	8.39	51	ePn	21 51 34.2	-3.0		
KMBO	Kilima Mbogo	8.39	51	ePn	21 52 16.9			
LSZ	Lusaka	9.12	196	P	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+0.9		
LSZ	Lusaka	9.12	196	ePn	21 51 54.4	-0.8		
LSZ	Lusaka	9.12	196	ePn	21 52 43.4			
LSZ	Lusaka	9.12	196	ePn	21 50 13.3	+		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LOR Lormes, TANN Tannenbergstah, MEZF Matizeres Vji, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VNA1 MKAR Makanchi Array, ARCES ARCESS Array B, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IBND Bandar-abas, BNDS Bandar-Abbas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRBR Kerman, NAZ Nawza, Dubai, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IMOK Mouk, ISRV Sarvestan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IMEH comp-Z,844nm,0.2s, BIDO Bidbid, ZHFS Zahedan, etc.







NEIC 22:23:49.26.9.0.8, 2977N:131.06E, h36km, 7km, mb4.4/5, Error ellipse: s-maj=9.1km s-min=6.5km az=108.0

ISC 22:23:49.27.1.4.1, 2982N:131.01E, h33km, 31km, mb3.7/9, Ms1 3.8/13, mb1mx3.7/23, mbtmp3.7/13, ML3.6/4, MS3.3/2, Ms1 3.3/2, ms1mx2.7/33, Error ellipse: s-maj=27.7km s-min=15.0km az=89.0

ISC 22:23:49.25.4.1.2, 2973N:131.17E, h26km, 9km, n45, c0f69/55, mb4.2/17, Southeast of Ryukyu Islands

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

CSEM 23:00:00:06.5.1.7, 3543N:2757E, h8km, MD3.1, Error ellipse: s-maj=46.5km s-min=15.8km az=143.0

ISCJB 23:00:00:07.3.2.3, 3571N:01.274E, h2km, 19km, Error ellipse: s-maj=30.0km s-min=9.0km az=35.1

ATH 23:00:00:07.9, 3569N:2738E, h10km, MD3.1/3

ISC 23:00:00:05.2.4.3, 3552N:02.276E, h2km, 25km, n6, c1549/8, Dodecanese Islands

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

ISC 23:00:07:26.1.3.1, 2868S:1776W, h0km, mb3.7/3, mb1 3.9/3, mb1mx3.7/12, mbtmp3.7/3, Error ellipse: s-maj=111.0km s-min=45.8km az=17.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Stephens Creek, Alice Springs, Warramunga Arr, etc.

MAN 23:00:09:32, 778N:12732E, h27km, mb4.6, ML3.5, MS3.4

ISC 23:00:09:32, 1.2.5, 773N:12622E, h0km, mb3.7/5, mb1 3.8/5, mb1mx3.8/19, mbtmp3.7/5, Error ellipse: s-maj=186.6km s-min=22.1km az=74.0

ISCJB 23:00:09:34.0.1.0, 776N:1272E.01, h33km, mb3.8/5, Error ellipse: s-maj=14.6km s-min=10.2km az=1.9

ISC 23:00:09:31.3.4.5, 78N:01.1272E.02, h2km, 26km, n9, c1564/12, mb3.8/5, Philippine Islands region

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

1.2nm, 0.5s, mb3.7, bazz=352, slow=7.3, SNR=7.1

ASAR Alice Springs 31.93 168 P P 00 16 017 +3.2

MKAR Makanchi Array 54.54 323 P P 00 18 587 -2.0

ZALV Zalesovo Beam 57.23 332 P P 00 19 179 -1.9

FINES Finest Array B 88.50 336 P P 00 22 24.0 -1.1

0.9nm, 0.8s, mb4.0, bazz=91, slow=7.6, SNR=3.8

CSEM 23:00:28:59.8.0.7, 3518N:2782E, h10km, MD3.7, Error ellipse: s-maj=16.7km s-min=8.3km az=138.0

ATH 23:00:29:00.1, 3519N:2776E, h20km, 2km, MD3.6/8

NEIC 23:00:29:00.1, 3519N:2776E, h20km, MD3.7(ATH), After ATH

ISCJB 23:00:29:02.2.2.1, 353N:01.2775E.01, h2km, 13km, Error ellipse: s-maj=19.2km s-min=11.2km az=150.1

ISC 23:00:29:02.2.2, 3531N:008.277E.01, h14km, 10km, n15, c0f69/20, Dodecanese Islands

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

ISC 23:00:43:04.2.5.9, 2089S:16837E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.9/12, mbtmp3.9/3, MS3.5/2, Ms1 3.5/2, ms1mx2.9/19, 1C-1D, Error ellipse: s-maj=207.2km s-min=43.0km az=145.0, Loyalty Islands

CSEA 23:00:43:04.2.5.9, 2089S:16837E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.9/12, mbtmp3.9/3, MS3.5/2, Ms1 3.5/2, ms1mx2.9/19, 1C-1D, Error ellipse: s-maj=207.2km s-min=43.0km az=145.0, Loyalty Islands

CTA Charters Tower 20.74 268 LR LR 00 47 27.8

STKA Stephens Creek 26.30 240 LR LR 00 51 43.5

WRA Warramunga Arr 31.88 266 P P 00 43 07.8 +0.5

ASAR Alice Springs 31.97 259 P P 00 43 07.8 -0.3

SOMM Songino Array 88.05 323 P P 00 49 31.7 -0.5

DPC Dobruska-Polom 143.29 330 PKPpdf 00 56 13.0 -3.2

PVCC Pankra Ves 143.94 331 ex PKPpdf 00 56 19.8 +2.4

CLL Collm 4.4nm, 0.7s 144.04 334 I/PKPb 00 56 15.2 -2.4

CLL comp=2.3, 0nm, 0.7s I/PKPb 00 56 26.0 +8.4

PRU Pruhoice 144.33 331 ex PKPpdf 00 56 16.6 -1.5

NUV Novy Kostel 145.08 333 ex PKPb 00 56 17.1 +0.3

MOX Moxa 145.12 334 ex PKPb 00 56 19.5 +0.6

KHC Kasperske Hory 145.38 331 ex PKPb 00 56 20.0 +0.2

KHC 0.5nm, 0.5s, mb4.0, bazz=40, slow=2.7, SNR=36

GERES Geres Array B 145.53 330 PKPb 00 56 20.3 0.0

comp=2.3, 9nm, 0.8s, bazz=40, slow=2.7, SNR=36

ISCJB 23:00:48:39.7.0.5, 3947N:2061E.005, h13km, 7km, Error ellipse: s-maj=6.4km s-min=4.8km az=5.7

ATH 23:00:48:39.1, 3966N:2076E, h38km, 3km, MD3.2/4

NEIC 23:00:48:39.1, 3966N:2076E, h38km, MD3.2(ATH), After ATH

CSEM 23:00:48:40.5.0.1, 3945N:2064E, h2km, ML2.6, Error ellipse: s-maj=3.4km s-min=3.0km az=119.0

THE 23:00:48:40.6, 3945N:2059E, h0km, ML2.6

ISC 23:00:48:39.0.6, 3949N:003.2058E.005, h18km, 6km, n11, c0889/19, Greece-Albania border region

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

ISCJB 23:01:01:01.0.0.5, 1690S:006.7073W.006, h131km, 5km, mb3.8/13, Error ellipse: s-maj=10.7km s-min=7.8km az=44.7

NEIC 23:01:01:02.1.0.7, 1691S:7066W, h125km, 7km, mb4.0/7, Error ellipse: s-maj=14.2km s-min=9.8km az=222.0

ISC 23:01:01:02.9.1.0, 1689S:7065W, h128km, 6km, mb3.6/8, mb1 3.9/10, mb1mx3.7/19, mbtmp3.7/10, Error ellipse: s-maj=23.8km s-min=12.0km az=2.0

ISC 23:01:01:02.2.0.5, 1691S:006.7073W.006, h124km, 4km, n27, c1507/29, mb3.9/13, 1C-1D, Southern Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Arequipa, La Paz, Santo Domingo, etc.

2.8nm, 0.8s, mb4.2, bazz=167, slow=5.5, SNR=4.5

ULM Lac du Bonnet 70.45 343 P P 01 12 024 -0.4

NSA Mina Array Be 78.83 322 P P 01 12 074 +2.0

WVAL Waterton Lakes 76.03 332 P P 01 12 362 +0.6

TORD Torodi Arr Be 77.51 72 P P 01 12 44.1 -0.6

4.9nm, 0.7s, mb4.3, bazz=261, slow=4.9, SNR=31

TORD 1.5nm, 0.7s, bazz=253, slow=5.0, SNR=8.7

VNDA Vanda 81.05 190 eP P 01 13 023 -0.6

0.7nm, 0.6s, mb3.7

SUR Sutherland 82.40 121 P P 01 13 09.5 -1.3

ESKO Sonseca Array 83.82 46 P P 01 13 18.7 +0.9

0.1nm, 0.7s, mb3.8, bazz=252, slow=5.3, SNR=8.8

YK A Yellowknife Arr 86.31 341 P P 01 13 30.3 +0.6

0.3nm, 0.4s, mb3.5, bazz=135, slow=5.1, SNR=10.0

YKA 0.1nm, 0.4s, bazz=138, slow=5.2, SNR=8.4

MKAR Makanchi Array 142.77 31 PKP PKPdf 01 20 18.5 -2.4

0.0nm, 0.6s, bazz=270, slow=2.9, SNR=2.9

SOMM Songino Array 149.07 4 PKPb 01 20 37.2 +1.4

0.5nm, 0.5s, bazz=12, slow=6.2, SNR=5.0

SONM 0.8nm, 0.7s, bazz=338, slow=3.2, SNR=4.0

NEIC 23:01:04:19.7, 1702N:101.04W, h5km, MD4.0(MEX), After MEX

MEX 23:01:04:19.7.0.7, 1701N:10104W, h5km, 12km, MD4.0, After MEX

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

BUI 23:01:19:14.4, 720S:15520E, h30km, mb4.3

ISCJB 23:01:19:15.2.2.9, 722S:008.15521E.008, h33km, 26km, mb4.7/29, MS3.7/10, Error ellipse: s-maj=14.7km s-min=11.5km az=36.5

NEIC 23:01:19:17.5.3.1, 721S:15518E, h39km, 12km, mb4.6/14, Error ellipse: s-maj=8.2km s-min=6.2km az=138.0

ISC 23:01:19:17.3.2.5, 724S:15509E, h4km, mb4.2/11, Ms1 4.3/13, mb1mx4.3/15, mbtmp4.2/13, MS3.7/11, Ms1 3.7/11, ms1mx3.4/27, Error ellipse: s-maj=22.0km s-min=16.9km az=108.0

ISC 23:01:19:17.3.2.5, 723S:008.15521E.008, h35km, 23km, n62, c0876/52, mb4.7/29, MS3.7/10, 2D, Bougainville - Solomon Islands region

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

ASAR Alice Springs 26.18 229 P P 01 24 47.7 -1.0

ASAR 5.4nm, 0.8s, mb4.2, bazz=61, slow=8.8, SNR=46

STKA Stephens Creek 27.61 206 eP P 01 25 01.5 0.0

STKA 18nm, 0.7s, mb4.8

FITZ Fitzroy Crossi 30.75 247 eP P 01 25 29.2 -0.3

11nm, 0.6s, mb4.9

AFI Afamalu 33.10 104 LR LR 01 37 07.2

URZ Urewera 36.70 151 LR LR 01 40 10.0

MBWA Marble Bar 36.96 244 eP P 01 26 23.1 -0.3

8.4nm, 0.7s, mb4.7

KLBR Kellerberrin 42.50 230 eP P 01 27 08.3 -1.1

12nm, 0.5s, mb4.8

NWAO Narrogin (SRO) 43.50 229 eP P 01 27 13.3 -0.1

8.0nm, 0.5s, mb4.2

NACB Ninganchiao 45.27 315 P P 01 27 30.8 -0.9

RAR Raratonga 45.63 113 LR LR 01 43 22.2

KSRS Korea Array 51.24 332 P P 01 28 16.6 -1.0

1.2nm, 0.8s, mb3.9, bazz=158, slow=5.5, SNR=5.1

KSRS comp=2.4, 0nm, 20.9s, MS3.4, bazz=251, slow=32

QIZ Qiongzong 51.76 301 P P 01 28 21.7 -0.1

PPT Papeete 54.73 106 LR LR 01 40 04.5

CASY Casey 66.84 198 eP P 01 30 02.7 0.0

4.5nm, 0.6s, mb4.7

GTA Gata 69.05 317 eP P 01 30 22.0 +2.4

GTA 4nm, 0.7s, mb4.2

GTA 4nm, 0.7s, mb4.2

SOMM Songino Array 69.64 327 P P 01 30 22.5 -0.6

comp=2.4, 0nm, 1.1s, mb4.3, bazz=126, slow=4.9, SNR=14

SONM 0.5nm, 0.6s, mb4.7

VNDA Vanda 70.34 178 eP P 01 30 27.3 +0.3

comp=4.9nm, 0.8s, mb4.0

VNDA Vanda 70.34 178 P P 01 30 26.8 -0.6

comp=2.1, 7nm, 0.9s, mb4.0, bazz=332, slow=8.7, SNR=4.0

SBA Scott Base 70.85 177 eP P 01 30 30.1 0.0

comp=3.3, 5nm, 0.8s, mb4.3

LJA Lhasa 71.58 304 P P 01 30 35.4 +0.8

JIRN Jiri 75.08 301 eP P 01 30 54.8 +0.8

GUN Gumba 75.42 301 eP P 01 30 58.9 +1.0

comp=2.2, 1nm, 0.8s, mb5.1

BILL Bilibino 75.50 4 eP P 01 30 57.7 +0.2

PKI Pulchoki 75.75 301 eP P 01 31 02.0 +0.5

KKK Kakani 75.82 301 eP P 01 31 02.2 +0.5

DMN Daman 75.99 301 eP P 01 31 02.0 +0.8

comp=2.5, 7nm, 1.0s, mb5.0

GKR Gorkha 75.92 301 eP P 01 31 04.3 +0.2

comp=2.3, 2nm, 1.0s, mb5.0

KOLN Koldand 77.32 300 eP P 01 31 09.0 +0.3

comp=2.2, 9nm, 1.1s, mb5.2

DANN Dangsing 77.34 301 eP P 01 31 08.8 0.0

comp=2.1, 2nm, 0.6s, mb5.0

TIXI Tiksi 80.61 352 P P 01 31 27.4 +1.5

comp=2.1, 9nm, 0.5s, mb4.3

IMAA Indian Mount 81.91 19 eP P 01 31 28.2 -0.2





Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their parameters.

ISCJB 23 03:29:06.9-0.7, 1099N:003:6226W:003, h105km, 6km, Error ellipse: s-maj=5.5km s-min=4.6km az=162.2

FUNV 23 03:29:07.5, 1109N:6215W, h101km, MWV3.2, TRN 23 03:29:08.8, 1099N:6222W, h90km, MD3.2

ISC 23 03:29:07.7-0.7, 1099N:003:6225W:003, h101km, 7km, n22, s097/44, 4C, Near coast of Venezuela

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations for the Venezuela region.

IDC 23 03:32:21.6-1.4, 701S:15078E, h0km, mb4.3/10, mb1.4/5.10, mb1mx3.4/10, Error ellipse: s-maj=49.4km s-min=18.8km az=108.0

ISCJB 23 03:32:27.1-7.2, 702S:15066E, h30km, 49km, mb4.7/12, Error ellipse: s-maj=19.2km s-min=13.4km az=91.0

ISC 23 03:32:27.0-7.0, 709S:009:1507E:01, h35km, n46, s097/37, mb4.5/18, New Britain region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations for the New Britain region.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations and their parameters.

IDC 23 03:45:00.6-2.3, 629S:13139E, h0km, mb4.1/1, mb1.4/1.4, mb1mx3.8/13, mbtmp4.0/4, ML3.9/3, MS3.3/1, Ms1.3/3.1

ISCJB 23 03:45:03.6-0.9, 650S:007:1312E:01, h33km, mb4.2/2, Error ellipse: s-maj=15.4km s-min=9.8km az=173.2

NEIC 23 03:45:06.8-2.7, 640S:13142E, h49km, 36km, mb4.2/2, Error ellipse: s-maj=26.3km s-min=22.1km az=93.0

ISC 23 03:45:05.7-1.5, 650S:007:1313E:01, h36km, 17km, n11, s092/13, mb4.1/2, Tanimbar Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations for the Tanimbar Islands region.

IDC 23 03:49:41.8-2.5, 590S:10275E, h0km, mb3.9/7, mb1.4/0.7, mb1mx3.8/19, mbtmp3.9/7, Error ellipse: s-maj=99.2km s-min=19.5km az=51.0

ISCJB 23 03:49:44.7-1.6, 585S:03:1029E:04, h33km, mb4.0/9, Error ellipse: s-maj=68.0km s-min=13.5km az=138.9

NEIC 23 03:49:46.4-1.7, 589S:10280E, h30km, mb4.1/2, Error ellipse: s-maj=83.8km s-min=12.1km az=52.0

ISC 23 03:49:47.1-1.6, 593S:03:1028E:03, h35km, n11, s064/3, mb4.0/9, Southern Sumatra

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations for the Southern Sumatra region.

CASC 23 03:52:17.6-2.1, 518N-8417W, h35km, 199km, MD4.3, ML3.2, 1C-1D, Off coast of Central America

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations for the Central America region.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations for the Limonal region.

WEL 23 04:23:00.7±1.2, 3704S:17734E, h171km, 6km, ML3.5/4, Error ellipse: s-maj=13.4km s-min=11.0km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations for the North Island region.

JSN 23 04:37:46.5±0.7, 1869N:7918W, h4km, 11km, MD4.2, SSNC 23 04:37:48.8, 1796N:7848W, h0km, MD3.2, ML2.9

ISC 23 04:37:46.0±2.7, 1856N:010:791W:01, h4km, 10km, n6, s050/10, 1C-2D, North of Honduras

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations for the Honduras region.

BGS 23 04:41:14.1±3.2, 5128N:3586W, h10km, mb5.2, MS5.5, BUJ 23 04:41:43.7, 5234N:3223W, h15km, mb5.8, mb5.3, MS5.7, MSz.4

IGL 23 04:41:44.2, 5240N:3190W, h10km, MS5.3, CSEM 23 04:41:44.9±0.0, 5235N:3181W, h15km, mb5.5/99, MS5.3

Mw5.7, Error ellipse: s-maj=1.9km s-min=0.7km az=4.0, ISCJB 23 04:41:44.8±0.1, 5239N:002:3181W:001, h10km, mb5.4/376, MS5.5/253, Error ellipse: s-maj=3.1km s-min=1.0km az=5.4

IDC 23 04:41:44.4±0.3, 5235N:3181W, h0km, mb4.9/29, mb1.5/0.32, mb1mx5.0/32, mbtmp4.9/32, ML4.9/3, MS5.3/32, MS1.5/3.32, ms1mx5.2/36, Error ellipse: s-maj=11.8km s-min=9.9km az=167.0

MOS 23 04:41:45.2±0.9, 5237N:3178W, h14km, mb5.5/118, MS5.5/97, Error ellipse: s-maj=5.3km s-min=3.5km az=165.2

GCMT 23 04:41:46.5±0.1, 5237N:3156W, h12km, MW5.7/108, Moment Tensor Solution. s83,c147, s108,c329, Duration: 1s7 Moment tensor: Scale 10^17N/m

Mw-4.19±.04; Mw-0.20±.04; Mw-4.39±.04; Mw-0.11±.12; Mw-1.01±.04; Mw-0.04±.12; Best double couple: Mw-3.98000x10^17 N/m^2, 194.000000; 345.000000; 1-88.000000; NP2=9.000000; 845.000000; 1-92.000000; Principal axes: T=4.6020, Plg3.00000; Azm102.0000; N=0.4110, Plg2.0000; Azm12.0000; P=-4.1930, Plg8.0000; Azm196.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface/mantle waves, cutoff=50s.

NEIC 23 04:41:46.5±0.1, 5235N:3181W, h10km, mb5.4/231, MS5.6/179, MW5.6 Error ellipse: s-maj=3.4km s-min=1.4km az=5.0, Moment Tensor Solution. s74

Moment tensor: Scale 10^17N/m; Mw-2.66; Mw-0.04; Mw-2.61; Mw-0.35; Mw-0.11; Mw-0.25; Best double couple: Mw-7.00000x10^17 N/m^2, 176.000000; 343.000000; 1-100.000000; NP2=9.000000; 845.000000; 1-81.000000; Principal axes: T=2.6300, Plg3.00000; Azm99.0000; N=0.0800, Plg7.0000; Azm183.0000; P=-2.7100, Plg82.0000; Azm340.0000;

SFS 23 04:41:46.0, 5230N:3180W, h10km, ML5.7, SZGRF 23 04:41:50.8, 5249N:3185W, h33km, mb5.4, MS5.3, Northern Mid-Atlantic Ridge

ISC 23 04:41:46.7±0.1, 5237N:002:3176W:001, h10km, (h16km, 10km, P-P), n1758, s099/172, mb5.4/375, MS5.5/253, 180C-145D, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations for the Mid-Atlantic Ridge region.

BORG Borganes 13.52 19 Pn Pn 04 45 01.0 ±2.7

BORG Borganes 13.52 19 ePn Pn 04 45 03.5 ±5.2

BORG Borganes 13.52 19 Sn Sn 04 47 25.3 ±3.0

BORG Borganes 13.52 19 LR LR 04 48 32.5 ±1.1

BORG Borganes 13.52 19 Pn Pn 04 44 59.4 ±1.1

BORG Borganes 1.2nm, 0.3s, baz=257, slow=7.0, SNR=6.6

BORG Borganes 0.6nm, 0.3s, baz=45, slow=19, SNR=4.0

BORG Borganes comp=2.6um, 20.6s, baz=234, slow=30

DCN Croghan 14.74 77 Pn Pn 04 45 14.2 ±1.6

DCN Croghan 14.74 77 Pn Pn 04 47 49.2 ±1.1

DMUB Kingscourt 14.97 74 Pn Pn 04 45 24.7 ±6.6

DMUB Kingscourt 14.97 74 Pn Pn 04 45 16.3 ±1.8

DMUB Kingscourt 14.97 74 Pn Pn 04 45 24.7 ±6.6

DMUB Kingscourt 14.97 74 Pn Pn 04 45 26.1 ±4.6

DMUB Kingscourt 14.97 74 Pn Pn 04 45 26.1 ±4.6

DMUB Kingscourt 14.97 74 Pn Pn 04 45 26.1 ±4.6

DMUB Kingscourt 14.97 74 Pn Pn 04 45 26.1 ±4.6

DMUB Kingscourt 14.97 74 Pn Pn 04 45 26.1 ±4.6











Table with columns for location (e.g., COWI, COWI, COWI), time (e.g., 37.12 284), and other numerical data.

Table with columns for location (e.g., NEO Neokhori, NHSC New Hope), time (e.g., 39.52 87), and other numerical data.

Table with columns for location (e.g., FVM French Village, FVM French Village), time (e.g., 42.60 274), and other numerical data.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like ANN Isparta, ANTO Ankara, BRAL Brewton, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like RLMT Red Lodge, NATX Nacogdoches, MALT Malatya, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like LIC Lamto, LIC Lamto, LOHW Long Hollow, etc.













Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like AGNW Agassiz Refuge, CD2 Chengdu, SDCO Great Sand Dun, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like KBA Koelnbreinsper, KBA Koelnbreinsper, SOKA Soboth, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like IDC 23 06:34:18.9, ESK Eskdalemuir, ESK Eskdalemuir, etc.

23d 6h

Table of astronomical observations for 23d 6h, listing stations like HGN, CAF, LOR, etc., with their coordinates and observation details.

2007 MAY

Table of astronomical observations for 2007 MAY, listing stations like RETA, MDT, FBE, etc., with their coordinates and observation details.

756

Table of astronomical observations for 756, listing stations like HWUT, JCT, JCT, etc., with their coordinates and observation details.

Table of astronomical observations for 756, listing stations like IDC, NEIC, ISCB, etc., with their coordinates and observation details.

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

NIED 23 06:57:00, 4350N, 14740E, h65km, Mw3.9 Best double couple: M=7.19000, 1014 NPI=337.00000, 882.00000, 1.35.00000, NP2=241.00000, 855.00000, 1.170.00000.

JMA 23 06:57:12.8, 0.2, 4346N, 14745E, h26km, Mw4.0, ISCJB 23 06:57:13.5, 1.2, 4358N, 14747E, 0.1, h78km, 9km, mb3.8/10, Error ellipse: s-maj=16.1km s-min=11.0km az=143.0

MOS 23 06:57:13.3, 0.9, 4380N, 14746E, h68km, mb4.1/5, Error ellipse: s-maj=23.6km s-min=18.0km az=21.0

ISC 23 06:57:16.7, 4.2, 4398N, 14743E, h75km, 44km, mb3.5/10, mb1 3.7/11, mb1mx3.6/20, mbtmp3.5/11, ML3.3/1, MS2.8/1, Ms1 2.8/1, ms1mx2.5/28, Error ellipse: s-maj=81.5km s-min=21.8km az=5.0

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

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like NEM2, JRA, JNK, etc.

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

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

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

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

ISC 23 07:06:19.2, 3.5, 5446N, 8728E, h0km, mb1 2.8/1, mb1mx2.7/21, mbtmp2.8/1, ML2.7/1, Error ellipse: s-maj=28.3km s-min=11.2km az=67.0

NIC 23 07:06:27.1, 1.8, 5320N, 8686E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=13.6km s-min=11.6km az=38.0

ISC 23 07:06:26.3, 2.4, 5451N, 01.868E, h0235km, n5, 0.083/9, 4C-4D, Southwestern Siberia

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

ISCJB 23 07:13:00.8, 0.4, 5979N, 003.2236E, 005, h0km, Error ellipse: s-maj=4.4km s-min=3.3km az=166.9

BER 23 07:13:02.4, 3.3, 5987N, 2223E, h0km, ML2.0(NAO), Suspected explosion

HEL 23 07:13:02.0, 2.0, 1.1, 5979N, 2231E, h0km, ML2.0, ML2.2(UPP), ML2.0(NAO), Explosion

NAO 23 07:13:02.1, 1.1, 5987N, 2233E, ML2.0, IDC 23 07:13:02.8, 2.2, 5981N, 2243E, h0km, mb1 2.9/3, mb1mx2.8/21, mbtmp2.8/3, ML2.5/3, Error ellipse: s-maj=25.9km s-min=11.1km az=166.0

ISC 23 07:13:01.2, 0.4, 5981N, 003.2240E, 004, h0km, n31, 0.895/47, Baltic States - Belarus - Northwestern Russia

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

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

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HFS, NB2, NOA, etc.

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

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

ISCJB 23 07:37:44.7, 1.2, 2994N, 004.3629E, 006, h0km, Error ellipse: s-maj=8.0km s-min=5.2km az=159.5

GII 23 07:37:46.2, 1.4, 2996N, 3616E, h0km, ML2.8/3

KZT 23 07:37:47.5, 3.006N, 3621E, h16km, ISC 23 07:37:44.7, 1.3, 2992N, 004.3634E, 006, h0km, n15, 0.079/20, Western Arabian Peninsula

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

MAN 23 07:53:54, 1130N, 12476E, h32km, mb4.6, ML3.4, MS3.4, 2C, Leyte

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

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AKASG, FINES, GERES, etc.

ISC 23 08:04:05.1, 5.1, 736S, 15522E, h170km, 53km, mb3.7/5, mb1 3.8/7, mb1mx3.6/16, mbtmp3.7/7, MS3.4/5, Ms1 3.4/5, ms1mx3.3/24, Error ellipse: s-maj=57.0km s-min=20.2km az=115.0, Bougainville - Solomon Islands region

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

ISC 23 08:06:03.1, 9.1, 2178N, 14323E, h104km, 84km, mb3.7/10, mb1 3.9/10, mb1mx3.7/21, mbtmp3.7/10, Error ellipse: s-maj=17.3km s-min=17.3km az=82.0, Mariana Islands region

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

ISC 23 08:06:24.8, 5.4, 0, 2317S, 17560W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.8/14, mbtmp3.9/3, MS3.3/1, Ms1 3.3/1, ms1mx2.8/17, Error ellipse: s-maj=1013.0km s-min=176.7km az=87.0, Tonga Islands region

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

ISC 23 08:11:03.9, 1.6, 1165N, 8639W, h0km, mb3.9/5, mb1 4.0/6, mb1mx3.2/17, mbtmp3.9/6, ML3.1/1, MS3.1/1, Ms1 3.1/1, ms1mx2.4/28, Error ellipse: s-maj=62.5km s-min=16.1km az=50.0

ISCJB 23 08:11:04.9, 1.2, 1093N, 007.869W, 0.1, h60km, 11km, mb3.9/5, Error ellipse: s-maj=20.2km s-min=6.0km az=151.0

CASC 23 08:11:04.4, 2.1, 1096N, 8690W, h19km, 9km, MD4.2

ISC 23 08:11:01.3, 1.6, 1093N, 005.8700W, 0.07, h3km, 8km, n34, 0.1501/36, mb3.9/5, 11C-4D, Off-coast of Costa Rica

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

YKA Yellowknife Ar 55.19 345 P P 08 20 33.7 -1.3
YKA 0.5nm,0.8s,mb3.6,baz=136,slow=7.3,SNR=11
YKA 0.2nm,0.6s,baz=146,slow=4.1,SNR=7.8

NIED 23 08:16:00,22:10N:144.10E,h104km,Mw5.5 Best double
couple: M=1.80000x10^17 N1=3.50000x10^18,882.000000,
7.90.000000 NP2=3.50000x10^18,88.000000,1.90.000000

ISCJB 23 08:16:00.2.0.1,2194N.003:14307E.002,h23km,
mb5.2/169,MS4.4/44,Error ellipse: s-maj=3.8km
s-min=2.7km az=6.8

NEIC 23 08:16:09.2.0.1,2188N:143.12E,mb5.4/95,MS4.8/2,
Error ellipse: s-maj=4.6km s-min=4.1km az=132.0

MOS 23 08:16:09.1.0.9,2190N:142.96E,h33km,mb5.5/64,
MS4.4/9,Error ellipse: s-maj=9.1km s-min=4.9km
az=101.7

GCMT 23 08:16:09.2.0.2,2179N:143.18E,h12km,MW5.2/104,
Moment Tensor Solution. s44,c56; s104,c172;
Duration: 0 Moment tensor: Scale 10^19Nm; Mir-7.12e-12;

Code Station Name Az AZ Phase ID Time Res
JHHJ Haha-jima-NKT 4.74 350 P Pn 08 17 22.9 +1.6

JHHJ Chichi jima 5.20 351 P Pn 08 18 18.2 +3.2
CBJ Chichi jima 5.20 351 P Pn 08 17 27.4 -0.2

CBJ 34nm,0.3s,baz=95,slow=21,SNR=34
CBJ 10.0nm,0.3s,baz=142,slow=23,SNR=41
CBJ comp=Z,1um,19.1s,baz=160,slow=33

GUMO Guam 8.48 168 eP Pn 08 18 16.4 +3.8
JHJ Hachijo jima 2 11.52 346 LR LR 08 23 09.4

BSO1 Boso 1 12.80 352 P Pn 08 19 10.7 -1.0
BSO3 Boso 3 13.01 350 P Pn 08 19 12.7 -1.9

BSO4 Boso 4 13.22 350 P Pn 08 19 15.1 -2.4
JSD Odawara 2 13.73 346 P Pn 08 19 22.2 -2.2

JNY Yasuok 14.13 342 P Pn 08 19 27.3 +0.3
JTO Tosashimizu 14.20 322 P Pn 08 19 30.8 0.0

JHU Hanno 14.26 347 P Pn 08 19 27.1 -4.4
JOW Kunigami 14.37 293 LR LR 08 24 13.2

JRY comp=Z,2um,19.2s,baz=333,slow=33
JAG Ryogami san 14.49 346 P Pn 08 19 31.6 -3.2

JHO Ashikaga 14.78 348 P Pn 08 19 33.4 -5.1
JHO Hitachi 14.78 352 P Pn 08 19 35.2 -3.3

MJAR Matsushiro Arr 15.16 345 P Pn 08 19 39.6 -3.9
MJAR comp=Z,2um,19.7s,baz=160,slow=35
MAJO Matsushiro 15.16 345 eP Pmax 08 20 40.7 -2.8

MAJO comp=Z,14nm,0.8s
MAJO Matsushiro 15.16 345 eP Pn 08 19 40.6 -2.8

MAT Matsushiro 15.16 345 P Pn 08 19 48.5 +5.0
MFK 15.49 353 P S 08 22 42.0 -3.8

JAT Kawauchi 15.49 353 P S 08 19 44.7 -3.1
JNU Nakatsu 15.53 318 P Pn 08 19 51.5 +3.2

JNU comp=Z,0.4nm,0.3s,baz=131,slow=15,SNR=5.3
JNS 15.53 318 LR LR 08 25 06.4

JHS Saijyo 15.56 328 P Pn 08 19 54.0 +3.7
JMK Ichinoseki 17.03 355 P Pn 08 20 05.0 -0.3

JTU Tsuchima 17.38 319 P Pn 08 20 16.1 +4.3
PVCV Virac 19.86 248 eP Pn 08 20 41.5 -0.2

NACB Ninganchiao 19.92 281 P Pn 08 20 42.3 -0.2
ERM Erimo 20.01 011 P Pn 08 20 39.8 -1.6

MDJ comp=Z,34nm,1.1s,mb4.8
MDJ comp=Z,262nm,5.1s
MDJ comp=E,680nm,16.9s

MDJ comp=Z,729nm,17.2s,MS4.9
MDJ Mudanjiang 25.21 337 eP P 08 21 34.6 +0.7

SNY Shenyang 25.74 325 P P 08 21 38.6 -0.2
SNY 08 21 48.1 -2.1
SNY 08 21 52.3 -3.0

SNY comp=Z,50nm,1.6s,mb4.8
SNY comp=Z,258nm,4.6s
SNY comp=N,677nm,21.2s,MS4.4

SNY comp=E,733nm,16.9s,MS4.4
SNY comp=Z,829nm,22.7s
CN2 Changchun 26.26 330 eP P 08 21 43.0 -0.5

CN2 comp=Z,10.0nm,0.8s,mb4.4
CN2 comp=Z,200nm,5.0s
CN2 comp=N,700nm,15.0s,MS4.4

CN2 comp=E,500nm,15.0s,MS4.4
TIA comp=Z,700nm,17.0s,MS4.3
TIA comp=Z,24nm,1.0s,mb4.7

TIA comp=N,417nm,8.0s
WHN Wuhan 27.12 294 P P 08 21 52.1 +0.6

WHN comp=Z,399nm,7.8s
WHN comp=N,998nm,12.2s,MS4.8
WHN comp=E,1um,11.1s,MS4.8

HABR Khabarovsk 27.24 348 eP P 08 21 52.6 +0.3
HABR 08 22 03.3 -0.4

HABR 08 25 09.2
HABR 08 26 25.6 -2.9
HABR 08 27 41.5

KLR Kul'dur 28.68 344 eP Pmax 08 22 00.0 -5.2
KLR comp=E,57nm,1.6s
KLR comp=Z,160nm,1.6s,mb5.5

KLR comp=E,600nm,13.0s
KLR comp=Z,800nm,13.0s,MS4.5
BJT Baijiatou 29.12 314 eP Pmax 08 22 09.8 +0.6

BJT Baijiatou 29.12 314 eP P 08 22 09.8 +0.6
BJT Beijing 29.13 314 P Pmax 08 22 09.3 +0.1

BJI comp=Z,16nm,1.2s,mb4.6
BJI comp=Z,225nm,2.9s,mb5.4
BJI comp=N,498nm,13.6s,MS4.4

BJI comp=E,429nm,16.8s,MS4.4
KMK Kota Kinabalu 30.42 243 eP P 08 22 20.3 -0.7

TW Taiyuan 30.73 308 eP S 08 27 31.0 -1.3
TIY 08 27 19.5 -4.0
TIY comp=N,709nm,12.8s,MS4.7

TIY comp=E,910nm,14.0s,MS4.7
TIY comp=Z,461nm,20.4s
QIZ Qiongzong 31.27 271 P P 08 22 30.0 +1.6

QIZ 08 23 32.8 -6.6
QIZ 08 27 31.0 -1.3
QIZ 08 29 20.1 -2.7

QIZ comp=Z,2.1nm,1.4s,mb4.8
QIZ comp=Z,147nm,12.5s
QIZ comp=E,703nm,23.2s

XAN Xi'an 32.36 299 P P 08 22 37.9 +0.1
XAN 08 23 45.9 -5.5

XAN 08 25 28.8 +3.9
XAN 08 28 08.0 -0.2
XAN 08 29 02.9 -2.4

XAN 08 29 10.5 +0.6
XAN 08 33 00.1 -4.5
XAN comp=Z,5.0nm,1.4s,mb4.2

XAN comp=Z,141nm,8.9s
XAN comp=N,166nm,13.3s,MS4.2
XAN comp=E,343nm,16.8s,MS4.2

XAN comp=Z,698nm,16.8s,MS4.4
HHC Hu-hao-te 32.62 313 P P 08 22 41.4 +1.4

GVA comp=Z,120nm,4.2s
GVA comp=N,1um,18.8s,MS4.8
GVA comp=E,1um,19.6s,MS4.8

GVA comp=Z,1um,19.9s,MS4.6
KAPI Kappang 35.23 223 P P 08 23 02.5 -0.5

COEN Coen 35.68 180 eP P 08 23 04.3 -2.4
KAKA Kakadu 36.00 198 eP P 08 23 11.6 +2.2

CD2 Chengdu 36.20 293 P P 08 23 12.8 +1.7
CD2 08 24 37.9 +3.8

CD2 08 25 37.3 +1.3
CD2 08 28 46.4 -2.1
CD2 08 31 14.4 -1.3

CD2 08 33 20.3 -4.8
CD2 comp=Z,40nm,0.7s,mb5.5
CD2 comp=Z,200nm,4.2s

CD2 comp=N,800nm,12.0s
CD2 comp=E,1um,18.0s
CD2 comp=Z,1um,18.0s

LZH Lanzhou 36.86 301 eP P 08 23 20.1 +3.4
LZH 08 25 39.1 +1.3
LZH 08 28 56.9 -2.4

LZH 08 31 34.0 -6.8
LZH comp=Z,50nm,1.3s,mb5.2
LZH comp=Z,277nm,4.0s

LZH comp=N,1um,13.5s
KMI Kunming 37.05 283 P P 08 23 21.1 +2.6

KMI 08 24 49.8 +6.3
KMI 08 25 40.8 +2.2
KMI 08 29 01.1 -0.5

KMI 08 29 18.8 -3.5
KMI 08 29 27.9 +0.9
KMI 08 31 34.8 -1.0

KMI 08 33 24.8 -5.2
KMI comp=Z,14nm,1.1s,mb4.7
KMI comp=Z,150nm,3.1s

KMI comp=N,331nm,16.9s,MS4.4
KMI comp=E,412nm,15.1s,MS4.4
KMI 08 27 41.5

BATI Kupang 37.22 213 P P 08 23 19.9 +0.1
NRGR Nerungri 37.22 343 eP S 08 23 19.1 -0.4

NRGR 08 29 00.5 -2.9
NRGR comp=E,38nm,0.4s
CLNS Chul'man 37.34 344 eP Pmax 08 23 19.9 -0.5

CLNS comp=Z,24nm,0.9s,mb5.0
CLNS comp=N,20nm,1.0s
CLNS comp=E,5.0nm,0.8s

CLNS comp=N,200nm,14.0s,MS4.1
CLNS comp=Z,300nm,14.0s,MS4.2
CLNS comp=E,100nm,13.0s,MS4.1

MA2 Magadan 37.99 6 eP Pmax 08 23 26.2 +0.3
MA2 08 23 26.2 +0.3

MA2 comp=Z,88nm,1.5s,mb5.3
MA2 Magadan 37.99 6 eP P 08 23 26.2 +0.3

ULN Ulaanbaatar 38.73 321 eP P 08 23 33.2 +0.9
ULN 08 23 39.0 -4.4
ULN 08 23 39.0 -4.4

ULN comp=Z,14nm,0.6s,mb4.9
ULN Ulaanbaatar 38.73 321 eP P 08 23 33.1 +0.8

ULN comp=Z,14nm,0.6s,mb4.9
ULN Ulaanbaatar 38.73 321 eP P 08 23 33.1 +0.8

ULN 08 23 39.5 -4.4
ULN 08 23 35.3 +2.2
SMY Shemya 38.83 30 P Pmax 08 23 35.3 +2.2

SMY comp=Z,219nm,1.5s,mb5.7
SMY comp=Z,700nm,23.0s,MS4.4

SMY Shemya 38.83 30 P Pmax 08 23 35.3 +2.2









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

IDC 23 09:43:08.2-1.4, 2177N-14333E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.0/20, mbtmp3.6/5, ML3.6/1, Error ellipse: s-maj=65.0km s-min=23.0km az=90.0, Mariana Islands region

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

ATH 23 09:47:49.5, 3748N-2688E, h7km, 5km, MD3.3/3, NEIC 23 09:47:49.5, 3748N-2688E, h7km, MD3.3(ATH), After ATH.

DDA 23 09:47:50.4, 3754N-2677E, h7km, 4km, Md2.9, ISCJB 23 09:47:50.4, 3754N-2677E, h7km, 4km, Md2.9, Error ellipse: s-maj=6.1km s-min=4.4km az=106.0, CSEM 23 09:47:50.3-0.1, 3756N-2681E, h12km, MD3.3, Error ellipse: s-maj=2.4km s-min=1.5km az=106.0, THE 23 09:47:51.0, 3755N-2685E, h14km, ML3.0, ISC 23 09:47:50.8-0.5, 3755N-2683E, h16km, 7km, n14, 0569/23, 1C, Dodecanese Islands

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

NEIC 23 09:50:18.7, 3332S-7182W, h10km, ML2.6(GUC), After GUC. GUC 23 09:50:18.7-0.6, 3332S-7182W, h10km, 12km, MD3.7, ML2.6, 2C-6D, Near coast of central Chile

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

ISC 23 09:57:41.4-2.4, 233N-01-937E-01, h35km, n10, 0583/12, Myanmar-India border region

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

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

ISCJB 23 10:02:56.6-1.0, 4768N-8116E, h0km, mb3.7, mpv3.5, Error ellipse: s-maj=11.4km s-min=5.7km az=40.0, ISCJB 23 10:02:58.6-0.9, 4783N-806:813E-01, h33km, Error ellipse: s-maj=12.8km s-min=5.4km az=149.9, ISC 23 10:03:00.7-0.9, 4781N-805:814E-01, h35km, n15, 01504/19, 9C-8D, Eastern Kazakhstan

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

NEIC 23 10:10:39.4, 1567N-9724W, h6km, MD4.2(MEX), After MEX. MEX 23 10:10:39.3-1.0, 1568N-9724W, h4km, 18km, MD4.2, Near coast of Oaxaca

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

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

IDC 23 10:39:02.1-1.1, 590N-7370W, h140km, 6km, mb3.2/2, mb1 3.5/2, mb1mx3.0/19, mbtmp3.2/2, Error ellipse: s-maj=41.7km s-min=13.3km az=105.0, Colombia

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

ISCJB 23 10:53:21.3-0.6, 3798N-2393E, h11km, 6km, Error ellipse: s-maj=8.0km s-min=6.8km az=22.3, CSEM 23 10:53:21.2-0.1, 3798N-2400E, h2km, ML2.3, Error ellipse: s-maj=2.3km s-min=1.7km az=18.0, ATH 23 10:53:21.3, 3799N-2394E, h13km, 2km, MD2.8/5, ML2.3, NEIC 23 10:53:21.3, 3799N-2394E, h13km, MD2.8(ATH), After ATH.

THE 23 10:53:22.4, 3796N-2389E, h15km, ML2.9, ISC 23 10:53:21.5-0.8, 3798N-2400-2396E-007, h7km, 9km, n11, 0544/18, 1C, Southern Greece

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

GRAL 23 10:57:06.8-2.6, 3455N-3692E, h0km, 800km, MD3.0, CSEM 23 10:57:09.0-0.4, 3439N-3676E, h2km, Mc1.6, Error ellipse: s-maj=7.7km s-min=3.6km az=123.0, NSSC 23 10:57:07.5, 3423N-3620E, h10km, 1km, ISCJB 23 10:57:09.7-0.7, 3446N-3602-3677E-006, h2km, Error ellipse: s-maj=6.7km s-min=3.0km az=9.9, Gll 23 10:57:09.9, 1.6, 3451N-3665E, h0km, ML2.6/7, ISC 23 10:57:09.7-0.7, 3448N-3602-3679E-006, h0km, n23, 0156/43, 12D, Jordan - Syria region

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

IDC 23 11:05:15.0-1.4, 2185N-14322E, h0km, mb3.3/4, mb1 3.6/5, mb1mx3.4/20, mbtmp3.4/5, ML2.9/1, Error ellipse: s-maj=65.1km s-min=21.7km az=89.0, Mariana Islands region

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

ISCJB 23 11:46:09.5-0.8, 71S-02-15544E, 009, h10km, mb3.4/4, Error ellipse: s-maj=24.4km s-min=9.7km az=22.8, IDC 23 11:46:09.4-1.3, 71S-15541E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.6/14, mbtmp3.7/5, ML4.0/1, MS2.9/1, ms1mx2.4/19, Error ellipse: s-maj=30.6km s-min=27.7km az=17.0, NEIC 23 11:46:11.2-0.7, 71S-15537E, h10km, Error ellipse: s-maj=20.2km s-min=13.9km az=201.0, ISC 23 11:46:13.7-1.3, 72S-02-15540E-010, h26km, 53km, n7, 0524/9, mb3.4/4, Bougainville - Solomon Islands region

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



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PMOR Pomariorio Ree, TUZ Tuaepeka, ARMA Armidale, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NJ2, NJ2, NJ2, M01C Crescent City, MONF Movement Peak, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TUQ Turquoise Mtn., R08A Mila, I03A Eugene, M06C Likely Place G, etc.













Table with columns for ID, Name, Date, Time, and other details. Includes entries like X18A Snowflake, Y17A Roosevelt, W19A Sander, etc.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like PFO comp=Z,149nm,1.0s,ms5.3, etc.

Table with columns for ID, Name, Date, Time, and other details. Includes entries like P12A McGill, GRAC Grapevine Rang, BGR Big Grassy Mou, etc.





Table with columns for call sign, name, frequency, power, and other details. Includes entries like A08A Turner Farm, O 32.60 331, C06A Tall Timber Ra, E04A Onalaska, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes entries like CPUP Villa Florida, CPUP Alert, TNA Tin City, etc.

Table with columns for call sign, name, frequency, power, and other details. Includes entries like GRR Gorron, GRR Gorro, ECAB EI Cabril, etc.



Table of astronomical observations for 23d 19h, listing station names, codes, and various parameters like time, position, and signal strength.

Table of astronomical observations for 2007 MAY, listing station names, codes, and various parameters like time, position, and signal strength.

Table of astronomical observations for various stations, listing station names, codes, and various parameters like time, position, and signal strength.











Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PKI Pulchoki, DANN Damsing, SFJD Kangerlussuaq, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GRF Grafenberg Arr, GRR Grafenberg Arr, GRFO Grafenberg, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SGMF Saint Gilles, SGFM Saint Gilles, SGFM Saint Gilles, etc.



GTA	AP	pP	22 11 32.3 +3.4		
GTA	XP	SP	22 11 35.8 +6.1		
GTA	PP	SP	22 14 03.8 +1.0		
GTA	S	S	22 20 38.8 -1.4		
GTA	XS	S	22 20 47.5 +3.5		
GTA	CS	SS	22 21 23.0 +1.3		
GTA	SS	SS	22 25 10.3 -1.3		
GTA	AMB	AMB			
comp=Z,14nm,1.2s,mb4.8					
GTA	AMB	AMB			
comp=Z,144nm,6.1s					
GTA	LR	LR			
comp=N,158nm,18.6s,MS4.5					
GTA	LR	LR			
comp=E,178nm,19.4s,MS4.5					
GTA	LR	LR			
comp=Z,251nm,20.1s,MS4.5					
SEY	Seymchan	70.71 358 j/P	P	22 11 27.2 -0.2	
SOM	Somgino Array	70.96 327 P	P	22 11 30.6 +1.3	
SONM	comp=Z,31nm,0.7s,mb5.3,baz=129,slow=5.7,SNR=50	LR	LR	22 42 30.0	
SHL	Shilong	71.11 300 eP	P	22 11 32.0 +1.3	
MIR	Mirnyy	72.43 202 j/P	P	22 11 38.0 +0.2	
MIR	comp=Z,100nm,1.5s,mb5.5	e	Pmax		
LSA	Lhasa	73.09 304 P	P	22 11 43.7 +1.2	
LSA	Lhasa	73.09 304 eP	P	22 11 43.7 +1.3	
LSA	comp=Z,6.0nm,0.8s,mb4.6	e	Pmax		
LSA	Lhasa	73.09 304 eP	P	22 11 43.7 +1.3	
LSA	comp=Z,6.1nm,0.8s,mb4.6	ePcP	PcP	22 11 59.2 0.0	
BOD	Bodaibo	74.05 338 eP	P	22 11 46.8 -0.7	
BOD	comp=Z,16nm,1.1s,mb4.9	e	Pmax		
ZAK	Zakamensk	74.10 328 j/P	P	22 11 48.0 +0.1	
ZAK	comp=Z,14nm,1.2s,mb4.8	e	Pmax		
TLY	Talya	74.65 329 eP	P	22 11 51.8 +0.7	
TLY	comp=Z,17nm,1.2s,mb4.8	e	Pmax		
TLY	Talya	74.65 329 eP	P	22 11 51.9 +0.8	
IRK	Irkutsk	74.66 330 e	P	22 11 50.4 +0.8	
IRK	comp=Z,52nm,1.4s,mb5.3	e	Pmax		
MOY	Mondy	76.02 328 eP	P	22 11 59.7 +0.7	
MOY	comp=Z,45nm,2.0s,mb5.0	e	Pmax		
BILL	Bilibino	76.08 4 eP	P	22 11 58.0 -1.0	
BILL	comp=Z,12nm,1.2s,mb4.7	e	Pmax		
BILL	MLR	MLR			
BILL	comp=Z,200nm,19.0s,MS4.5	e	P	22 11 58.8 -0.2	
BILL	Bilibino	76.08 4 eP	P	22 11 58.8 -0.2	
comp=Z,5.3nm,0.7s,mb4.7					
PALK	Pallekele	77.14 279 eP	P	22 12 07.9 +1.7	
SVW2	Sparrevohn	78.26 22 eP	P	22 12 11.8 +0.4	
TTA	Tatalina	79.33 20 eP	P	22 12 17.4 +0.2	
TTA	comp=Z,34nm,1.5s,mb5.1	e	Pmax		
TTA	Tatalina	79.33 20 eP	P	22 12 17.4 +0.2	
TTA	comp=Z,34nm,1.5s,mb5.0	e	P		
WMQ	Urumqi	80.57 317 eP	P	22 12 25.0 +0.6	
WMQ	comp=Z,39nm,2.1s,mb4.7	e	Pmax		
WMQ	SS	SS	22 22 30.0 -1.7		
WMQ	SS	SS	22 27 46.0 +1.6		
WMQ	AMB	AMB			
comp=Z,32nm,1.2s,mb5.1					
WMQ	AMB	AMB			
comp=Z,45nm,6.0s					
WMQ	LR	LR			
comp=N,129nm,17.0s,MS4.5					
WMQ	LR	LR			
comp=E,145nm,18.0s,MS4.5					
WMQ	LR	LR			
comp=Z,145nm,18.0s,MS4.4					
PMR	Palmer	81.00 23 eP	P	22 12 26.7 +0.4	
SML	Sawmill	81.44 23 eP	P	22 12 29.0 +0.4	
TIXI	Tiksi	81.49 351 eP	P	22 12 27.1 -1.6	
TIXI	comp=Z,8.0nm,1.7s,mb4.4	e	Pmax		
TIXI	Tiksi	81.49 351 eP	P	22 12 27.3 -1.4	
OSP	South Pole Qui	82.07 380 eP	P	22 12 31.0 -0.4	
OSP	comp=Z,51nm,0.6s,mb5.6	e	P		
IMA2	Indian Mountai	82.17 18 eP	P	22 12 31.9 -0.4	
DGAR	Diego Garcia	83.22 263 eP	P	22 12 38.8 -0.2	
COLA	Collegue	83.37 21 eP	P	22 12 36.0 -2.6	
COLA	comp=Z,7.0nm,0.6s,mb4.9	e	Pmax		
COLA	Collegue	83.37 21 eP	P	22 12 36.0 -2.6	
MAW	Mawson	84.16 203 eP	P	22 12 42.4 -0.3	
MAW	comp=Z,5.6nm,0.7s,mb4.8	e	Pmax		
MAW	Mawson	84.16 203 P	P	22 12 42.0 -0.7	
MAW	comp=Z,6.0nm,0.7s	e	Pmax		
MAW	MLR	MLR			
MAW	comp=Z,236nm,18.3s	e	P	22 12 42.0 -0.7	
MAW	Mawson	84.16 203 P	P	22 12 42.0 -0.7	
MAW	comp=Z,6.0nm,0.7s,mb4.8,baz=95,slow=6.3,SNR=14	LR	LR	22 50 44.6	
MAW	comp=Z,236nm,18.3s,MS4.6,baz=314,slow=36	e	P	22 12 44.0 -1.4	
NDI	New Delhi	84.53 300 eP	P	22 12 44.0 -1.4	
MKAR	Makanchi Array	85.13 318 PKKPbc	PKKPbc	22 30 51.2 -5.2	
MKAR	comp=Z,0.3nm,0.6s,baz=29,slow=2.5,SNR=4.3	LR	LR	22 50 39.5	
MKAR	comp=Z,104nm,18.4s,MS4.3,baz=134,slow=36	e	P	22 12 50.8 +0.1	
EGAK	Eagle	85.76 22 eP	P	22 12 50.8 +0.1	
ZALV	Zalesovo Beam	85.82 326 P	P	22 12 49.9 -1.4	
ZALV	comp=Z,1.4nm,0.4s,mb4.6,baz=115,slow=6.1,SNR=5.5	LR	LR	22 52 34.2	
ZALV	comp=Z,62nm,18.2s,MS4.0,baz=104,slow=37	e	P	22 12 49.9 -1.4	
ZAL	Zalesovo	85.83 326 P	P	22 12 49.9 -1.4	
DAWY	Dawson	86.11 23 eP	P	22 12 53.1 +0.6	
KURK	Kurchatov	86.53 322 eP	P	22 13 03.5 -0.9	
KURK	comp=Z,21nm,1.6s,mb5.2	e	Pmax		
KURK	Kurchatov	86.53 322 eP	P	22 13 03.5 -1.0	
TKM2	Tokmak 2	86.79 313 eP	P	22 13 05.1 -0.8	
TKM2	comp=Z,2.1nm,1.6s,mb5.2	e	Pmax		
TKM2	comp=Z,8.0nm,1.3s,mb4.9	e	P	22 13 05.1 -0.7	
TKM2	86.79 313 eP	P	P	22 13 05.1 -0.7	
UCH	Uchto	89.43 313 eP	P	22 13 09.1 +0.2	
UCH	comp=Z,4.6nm,1.3s,mb4.7	e	P		
AML	Almayashu	90.01 312 eP	P	22 13 11.9 +0.3	
EKS2	Erkin-Say	90.05 313 eP	P	22 13 11.9 +0.1	
EKS2	comp=Z,1.6nm,0.7s,mb4.5	e	P		
MWC	Mount Wilson	90.58 56 eP	P	22 13 15.4 +0.9	
NVAR	Mina Array Bea	91.06 52 P	P	22 13 16.6 +0.1	
NVAR	comp=Z,5.4nm,1.0s,mb4.8,baz=241,slow=6.1,SNR=21	LR	LR	22 13 18.3 0.0	
WVOR	Wild Horse Val	91.45 48 eP	P	22 13 23.5 +0.4	
TPNV	Topopah Spring	92.45 53 eP	P	22 13 23.5 +0.4	
BMO	Blue Mountains	92.77 45 eP	P	22 13 23.8 -0.6	
BMO	comp=Z,1.0nm,0.8s,mb4.3	e	Pmax		
BMO	Blue Mountains	92.77 45 eP	P	22 13 23.8 -0.6	
BMO	comp=Z,1.3nm,0.8s,mb4.4	e	P		
SHPR	Sheep Range	93.25 54 eP	P	22 13 27.8 +1.0	
BVAR	Borovoye Array	93.97 323 P	P	22 13 27.7 -2.0	
BVAR	comp=Z,1.2nm,0.6s,mb4.9,baz=104,slow=4.7,SNR=11	LR	LR	22 13 29.2 -0.8	
BRVK	Borovoye	94.04 323 P	P	22 13 29.2 -0.8	
DUG	Dugway	94.51 50 P	P	22 13 37.1 0.0	
DUG	comp=Z,5.0nm,0.7s,mb5.0	e	P		
DUG	Dugway	95.51 50 P	P	22 13 37.1 0.0	
DUG	comp=Z,5.3nm,0.7s,mb5.0	e	P		
NLU	North Lily Min	96.05 51 eP	P	22 13 38.3 -1.3	
YKA	Yellowknife Ar	96.41 28 P	P	22 13 39.9 -0.7	
YKA	comp=Z,2.6nm,0.5s,mb4.9,baz=283,slow=4.8,SNR=44	PKKPbc	PKKPbc	22 30 23.2 -5.1	
YKA	Yellowknife Ar	96.41 28 P	P	22 13 39.9 -0.7	
YKA	comp=Z,0.5nm,0.6s,baz=83,slow=2.9,SNR=9.4	PKKPbc	PKKPbc	22 30 23.2 -5.1	
YK3	Yellowknife Ar	96.41 28 eP	P	22 13 40.2 -0.4	
BW06	Boulder Spring	98.14 48 eP	P	22 13 48.5 -0.5	
PV10	Paradox Valley	98.28 52 P	P	22 13 51.3 +1.6	

ANMO	Albuquerque	100.17 561 eP	Pdf	22 13 57.1 -0.6	
VNA2	Neumayer-Watz	100.59 185 ePdiff	Pdf	22 13 56.9 -2.7	
VNA2	comp=Z,1.1nm,0.5s,baz=62,slow=1.8,SNR=3.7	e	P	22 14 01.4	
VNA2		e	P	22 14 03.0	
VNA2		e	P	22 18 26.2	
VNA2		e	P	22 18 27.3	
MIAR	Mount Ida	110.78 56 eP	Pdf	22 14 47.0 +2.1	
ARCES	ARCCESS Array B	110.92 344 PKKP	PKKP	22 18 43.5 -1.1	
ARCES	comp=Z,4.8nm,1.1s,baz=48,slow=1.6,SNR=5.7	e	Pmax		
KIV	Kislovodsk	112.61 314 PKKP	PKKP	22 18 39.0 -1.0	
KIV	comp=Z,5.0nm,1.1s	e	Pmax		
KIV	comp=Z,107nm,20.0s,MS4.4	MLR	MLR		
FINES	FINESS Array B	115.41 336 PKP	PKPdf	22 18 52.0 -1.4	
FINES	comp=Z,1.5nm,0.9s,baz=52,slow=3.1,SNR=5.1	e	P		
MALT	Malatya	116.88 309 ePKKP	PKPdf	22 18 56.0 -0.9	
AKASO	Malin Array Be	119.20 325 PKP	PKPdf	22 18 59.5 -1.5	
AKASO	comp=Z,1.1nm,0.5s,baz=62,slow=1.8,SNR=12	e	P		
BOSA	Boshof	120.62 320 PKP	PKPdf	22 19 02.3 -2.3	
NB2	NORSAR Subarray	121.08 341 PKP	PKPdf	22 19 02.7 -1.6	
NB2	comp=Z,1.6nm,0.6s,baz=282,slow=6.9,SNR=4.6	e	P		
NOA	NORSAR Array B	121.08 341 PKP	PKPdf	22 19 02.8 -1.5	
NOA	comp=Z,1.0nm,0.6s,baz=43,slow=1.8,SNR=4.4	e	P		
KOLS	Kolonické sedl	124.00 325 ePKP	PKPdf	22 19 10.3 0.0	
STHS	Stebnicka Huta	124.32 326 ePKP	PKPdf	22 19 11.8 +0.4	
BSEG	Cervenica-Dubn	124.47 326 ePKP	PKPdf	22 19 11.8 +0.4	
NIE	Niedzica	124.82 327 ePKP	PKPdf	22 19 12.8 +0.9	
VYHS	Vyhne	126.15 326 ePKP	PKPdf	22 19 13.7 -0.7	
KOLL	Kolacno	126.34 327 ePKP	PKPdf	22 19 14.7 -0.1	
DOPC	Dobruska-Polom	126.37 329 ePKP	PKPdf	22 19 15.7 +0.9	
UPIC	Udice	126.43 330 ePKP	PKPdf	22 19 15.5 +0.6	
UPIC	comp=Z,0.3nm,0.4s,baz=39,slow=1.9	e	P	22 19 15.1 -0.2	
MOC	Mogee-Piesok	127.07 327 ePKP	PKPdf	22 19 15.9 -0.3	
SANT	Santorini	127.34 310 ePKP	PKPdf	22 19 16.0 -1.1	
CLL	Collm	127.36 332 j/PKIP	PKPdf	22 19 16.2 -0.5	
CLL	comp=Z,1.1nm,0.5s,baz=62,slow=1.8,SNR=3.7	e	P	22 19 25.3	
CLL	Collm	127.36 332 j/PKIP	PKPdf	22 19 16.2 -0.5	
CLL	comp=Z,6.0nm,1.0s	e	P		
CLL		i	x	22 19 25.3	
TREC	Trest	127.45 329 ePKP	PKPdf	22 19 16.8 -0.1	
TREC	comp=Z,1.1nm,0.5s,baz=62,slow=1.8,SNR=3.7	e	P	22 19 26.2	
PRU	Pruhonice	127.49 330 ePKP	PKPdf	22 19 17.3 +0.4	
CLZ	Clauthal	128.18 334 ePKP	PKPdf	22 19 18.3 +0.1	
TANN	Tannenbergrstha	128.22 331 ePKP	PKPdf	22 19 18.1 -0.2	
MOX	Moxa	128.46 332 ePKP	PKPdf	22 19 19.1 +0.5	
MOX	Moxa	128.46 332 ePKP	PKPdf	22 19 18.7 -0.1	
KHC	Kasperske Hory	128.52 330 ePKP	PKPdf	22 19 19.3 +0.4	
KHC	Kasperske Hory	128.52 330 ePKP	PKPdf	22 19 24.6	
KHC	Kasperske Hory	128.52 330 ePKP	PKPdf	22 19 19.3 +0.4	
KHC	Kasperske Hory	128.52 330 ePKP	PKPdf	22 19 24.6 +3.2	
GER2	GERESS Array S	128.65 329 ePKP	PKPdf	22 19 18.9 -0.3	
GER2	GERESS Array B	128.65 329 ePKP	PKPdf	22 19 18.9 -0.3	
GER2	comp=Z,1.5nm,0.7s,baz=80,slow=1.5,SNR=18	e	P		
MANZ	Manzenberg	128.68 331 ePKP	PKPdf	22 19 19.2 0.0	
WET	Wetzell	128.86 330 ePKP	PKPdf	22 19 19.9 +0.3	
IBBN	Ibbenburen	128.93 336 ePKP	PKPdf	22 19 20.0 +0.4	
UBBA	Unterbreizbach	129.07 333 ePKP	PKPdf	22 19 19.3 -0.6	
GRF	Grafenberg Arr	129.30 332 ePKP	PKPdf	22 19 20.9 +0.5	
GRF	Grafenberg Arr	129.30 332 ePKP	PKPdf	22 19 20.9 +0.5	
ROSC	El Rosal	129.34 90 PKP	PKPdf	22 19 21.4 -0.2	
ROSC	comp=Z,4.0nm,0.5s,baz=102,slow=2.1,SNR=3.5	e	P		
LPAZ	La Paz	129.64 119 PKIP	PKPdf	22 19 21.9 -0.1	
LPAZ	comp=Z,1.0nm,0.7s	e	Pmax		
LPAZ	La Paz	129.64 119 ePKP	PKPdf	22 19 22.9 +0.9	
LPAZ	La Paz	129.64 119 PKP	PKPdf	22 19 21.9 -0.1	
STU	Stuttgart	130.89 332 ePKP	PKPdf	22 19 24.2 +0.8	
STU	comp=Z,1.2nm,0.7s,baz=60,slow=3.5,SNR=5.0	e	P		
BFU	Black Forest	131.61 332 ePKP	PKPdf	22 19 23.4 -1.4	
CPO	Villa Florida	132.64 137 PKP	PKPdf	22 19 26.7 -0.8	

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, ISC. Includes entries like FINES FINESS Array B, WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajitas Array.

Main table of station data with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, ISC. Lists numerous stations such as T11A, T11B, T11C, T11D, T11E, etc.

Main table of station data with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, ISC. Lists numerous stations such as AHID Auburn Hatcher, TEIG Tepich, O05C Quince, K14A Jones Ranch, etc.

BUIJ 23:03:21.7, 2330N-10890W, h16km, mB5.5, mb5.1, Ms5.0, Ms4.5

ISCJB 23:03:22.7, 0.5, 2351N-005:10886W, 004, h10km, mb4.3/15, MS3.7/12, Error ellipse: s-maj=7.8km

NEIC 23:03:23.7, 0.7, 2328N-10893W, h16km, 23km, mb4.7/20, Error ellipse: s-min=11.7km s-min=4km az=204.0

IDC 23:03:29.1, 0.8, 2449N-10875W, h0km, mb4.0/10, mb1.4/2.13, mb1mx4.1/24, mbtmp4.0/13, ML3.4/2, MS3.6/11, m5.1.6/11, ms1mx3.3/34, Error ellipse: s-maj=27.1km

ISC 23:03:23.8, 0.5, 2343N-005:10886W, 004, h10km, n362, c087/348, mb4.3/15, MS3.7/12, 94C-96D, Gulf of California

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, ISC. Lists stations like LP1G La Paz, MA1G Mazatlan, TXAR Lajitas Array, etc.





24d 1h

Table with columns: SOI, MSRU, SNAL, FG4, CSSN, CAFE, SGTA, MPAZ, SLNA, FG5, RGN, KEK, PTRJ, SGG, IGT, VLS, KFL, FNA, MOA, MOA. Includes station names, coordinates, and various parameters.

CSEM 24 00:36:45.4, 3571N:2751E, h19km, MD3.5/3, After ATH
NEIC 24 00:36:45.4, 3571N:2751E, h19km, MD3.5(ATH), After ATH.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KARP, ARG, NPS, SMG, APE.

IDC 24 00:37:03.4, 2.6, 293S:13076E, h0km, mb3.8/2, mb1 4.0/4, mb1mx3.8/16, mbtmt3.8/4, ML3.5/2, Error ellipse: s-maj=134.8km s-min=27.2km az=75.0, Seram

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

THR 24 00:50:42.3, 0.3, 2723N:5596E, h40km, ykm, ML2.8
ISCJB 24 00:50:43.2, 1.0, 2749N:007.5578E, 005, h6km, 11km, Error ellipse: s-maj=12.3km s-min=6.1km az=29.8

CSEM 24 00:50:43.0, 0.1, 2754N:5580E, h10km, ML3.3/2, Error ellipse: s-maj=3.5km s-min=2.5km az=39.0

OMAN 24 00:50:52.0, 2691N:5588E, h4km
ISC 24 00:50:44.5, 0.9, 2750N:007.5581E, 006, h10km, 9km, n16, o552/21, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BNDS, BANO, GHIR, HATD, ASHU, SHAO.

IDC 24 00:51:33.8, 7.5, 3616N:7078E, h101km, 66km, mb3.3/5, mb1 3.3/8, mb1mx3.1/24, mbtmt3.2/8, ML3.5/3, Error ellipse: s-maj=40.5km s-min=26.4km az=4.0

ISCJB 24 00:51:39.6, 0.5, 3653N:003.7089E, 006, h166km, 6km, mb3.4/6, Error ellipse: s-maj=7.7km s-min=4.8km az=169.3

NEIC 24 00:51:40.2, 0.8, 3634N:7145E, h140km, 8km, mb4.2/6, Error ellipse: s-maj=13.5km s-min=7.8km az=133.0

MOS 24 00:51:43.0, 1.1, 3653N:7148E, h177km, mb3.9/2, Error ellipse: s-maj=22.8km s-min=12.9km az=73.3

NCC 24 00:51:46.0, 1.4, 3692N:7022E, h129km, 145km, mb2.9, mpv4.2, Error ellipse: s-maj=108.9km s-min=48.7km az=64.0

ISC 24 00:51:40.6, 0.5, 3652N:003.7092E, 006, h160km, 6km, n41, o584/50, mb3.4/6, 2C-4D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KBL, DLH, AML, UCH.

2007 MAY

Main table with columns: KZA, EKS2, KK31, AAK, USP, TKM2, DANN, KOLN, GKN, AB31, PKI, GUM, JIRN, BVAR, AKTO, AKTO, ZAL, ZALV, KIV, MALT, MALT, ULN, KIEV, TORJ, YKA, WRA, ASAR. Includes station names, coordinates, and various parameters.

PGC 24 00:54:11.0, 0.1, 6617N:13514W, h1km, ML2.6/2, 11D, 145km Ssw of Fort McPherson, Nt Northern Yukon Territory, Canada, Northern Yukon Territory

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like INK, DAWY, HYT, WHY, YKW3.

ISCJB 24 01:00:58.1, 1.4, 2187N:004.14301E, 006, h40km, 11km, mb4.6/40, MS3.3/2, Error ellipse: s-maj=8.6km s-min=7.2km az=174.8

IDC 24 01:00:58.9, 3.3, 2186N:14309E, h41km, 28km, mb3.9/14, mb1 4.1/16, mb1mx4.0/22, mbtmt3.9/16, ML3.4/2, MS3.6/5, Ms1 3.6/5, ms1mx3.4/4, Error ellipse: s-maj=25.2km s-min=14.2km az=84.0

BUI 24 01:01:00.1, 2207N:14366E, h83km, mb5.0, mb4.7, NEIC 24 01:01:03.0, 0.9, 2185N:14308E, h72km, 8km, mb4.9/22, Error ellipse: s-maj=5.2km s-min=4.3km az=70.0

ISC 24 01:01:01.1, 1.1, 2186N:004.14307E, 005, h52km, 10km, n115, o587/109, mb4.6/40, MS3.3/2, 1C, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CBIJ, CBU, GUMO, JOW, MJAR, MJAR, MAJO, JNU, YNCB, KSRK, INCN, ASAJ, MDJ, MA2, SONM, GTA, YAK, CHTO, CTAO, WRAB, WB2, WRA, TLY, BJLI, ASAR, LSA.

784

Main table with columns: BILL, WMQ, ARMA, STKA, ZAAO, ZALV, MK31, MKAR, KURK, TKM2, NWAO, UCH, PMR, EKS2, BVAR, BRVK, INUV, ARU, DLBC, YKW3, YKA, GNW, RES, ARCS, YBH, LASM, TIM, LBC, NEW, WWR, CMB, BSMT, WAL, KIV, FINES, NVAR, CHAM, TPH, ISA, MIB, LRM, DLMT, RDF, MCAY, NCM, NAY, BOZ, EGMT, TPNV, QLMT, GSC, YMR, HVAL, FFC, GCMT, IMW, FLWY, SPUT, SHPR, DUG, PFO, HWUT, ARUT, FCC, UJU, DAU, AKAS, AKAS, BW06, MSU, LAO, GLA, SRU, PV10, PV10, RSSD, MVCO, SMCO, TUC, ISCO, SDCO, ECDSD, TXAR, TORD, PLCA, LPAZ, LPAZ, LPAZ, MOS 24 01:06:24.2, 1.2, 934S:11889E, h33km, mb5.6/41, MS4.9/3, Error ellipse: s-maj=1.1km s-min=5.9km az=111.0, BUI 24 01:06:24.5, 960S:11880E, h37km, mb5.3, mb5.5, Ms5.0, Ms2.8, ISCJB 24 01:06:26.0, 0.2, 957S:003.11891E, 003, h65km, mb5.5/122, Error ellipse: s-maj=4.3km s-min=3.3km az=141.1, NEIC 24 01:06:25.0, 0.8, 955S:11880E, h38km, 6km, mb5.5/36, MS5.1/155, MW5.5, Error ellipse: s-maj=6.7km s-min=4.7km az=57.0, Moment Tensor Solution, s14 Moment tensor: Scale 10^17Nm, Mr=1.65, Mw1.60, Mw0.05, Mw0.49, Mw0.20, Mw0.58, Best double couple: Mw2.50000x10^17, Np1.78, 0.00000, 340.00000, Az=57.00000, Np2=218.00000, 857.00000, Az=115.00000, Principal axes: T 3.0000, P1g9.0000, Az=325.0000, N -1.2400, P1g21.0000, Azm232.0000, P -1.8400, P1g68.0000, Azm77.0000, NEIC Felt [V] at Waikabubak and [IV] at Waingapu, Sumba, Felt [III] at Mataram, Lombok, Bima and Raba, Sumbawa; and Labuhanbajo and Lenkoajung, Flores. Felt [III] at Denpasar, Bali. GCMT 24 01:06:25.5, 0.2, 969S:11891E, h71km, MW5.6/89, Moment Tensor Solution, s79, c117, s89, c203, Duration: 1%5 Moment tensor: Scale 10^17Nm; Mr=2.21, Mw1.39, Mw0.49, Mw0.82, Mw0.05, Mw0.88, 0.03,







Table with columns for race number, name, time, and other details. Includes entries like NOA NORSAR Array B, GERES GERREY Array B, KHC Kasperse Hory, etc.

Table with columns for race number, name, time, and other details. Includes entries like H03A Soap Creek Ran, M01C Crescent City, A06A Chilliwack, etc.

Table with columns for race number, name, time, and other details. Includes entries like L05A Lakeview, B09A Rice, E08A Older Farm, etc.



Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like Sonseca Array, Berg Farm, Mammoth Lakes, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like Midlet, Clover Valley, Limelink Ridge, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like James Farms, Cedar City, Red Lodge, etc.

24h 1h

Table of station data for 24h and 1h periods, including columns for station name, coordinates, and various parameters.

2007 MAY

Main table of station data for May 2007, including columns for station name, coordinates, and various parameters.

790

Table of station data for 790, including columns for station name, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like COCO West Island, BJT Bajijattauw, HIA Haijar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like CPD Cerro la Pandu, CPD San Juan, SJG San Juan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like ARMA Armadale, MJAR Matsuhiro Arr, KSRS Korea Array, etc.

NEIC 24 01:45:48.5, 3735Sx17647E, h272km, MG3.8(WEL), After WEL.

WEL 24 01:45:48.5, 0.5, 3735S, 17647E, h272km, gkm, ML3.8/12, 1C-1D, Error ellipse: s-maj=9.0km s-min=8.6km az=90.0,

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like URZ Urewera, URZ Urewera, MWZ Matawai, etc.

IDC 24 02:02:59.9-4.1, 3309Sx7094W, h116km, 37km, mb3.6/1, mb1.3/3.4, mb1mx3.3/1.6, mbtmp3.2/4, Error ellipse:

ISCJB 24 02:03:03.0, 0.5, 3276S, 702W.0.1, h118km, 5km, mb3.7/1, Error ellipse: s-maj=15.7km s-min=5.2km az=174.6

GUC 24 02:03:03.0, 0.7, 3275Sx7016W, h107km, 4km, MD4.0, ML4.0

NEIC 24 02:03:03.0, 0.5, 3276S, 702W.0.1, h112km, 5km, n31, 0.6243(GUC), After GUC.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like JACH Jahuel, PEL Feldehue, PEL Feldehue, etc.

ISC 24 02:03:03.0, 0.5, 3276S, 702W.0.1, h112km, 5km, n31, 0.6243(GUC), After GUC.

ISC 24 02:03:03.0, 0.5, 3276S, 702W.0.1, h112km, 5km, n31, 0.6243(GUC), After GUC.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B, etc.

HLW 24 01:49:24.5, 3559N-2782E, h9km, MB3.2

CSEM 24 01:49:27.1, 0.1, 3509N-2794E, h2km, MD3.9, Error ellipse: s-maj=1.8km s-min=1.4km az=97.0

ISK 24 01:49:28.9, 3516N-2766E, h9km, MD3.7

ISCJB 24 01:49:28.8, 1.4, 3513N-2766E, h10km, 11km, Error ellipse: s-maj=6.0km s-min=4.8km az=32.8

ATH 24 01:49:31.8, 3535N-2767E, h18km, 3km, MD3.9/8

NEIC 24 01:49:31.8, 3535N-2767E, h18km, MD3.9(ATH), After ATH.

ISC 24 01:49:29.3, 1.0, 3517N-2783E, h04.1km, 7km, n43, 0.9546, 1C-3D, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like KARP Karpathos, ARG Arkhangelos, ZKR Zakros, etc.

IDC 24 02:02:36.3-0.7, 302Sx13054E, h0km, mb4.4/11, mb1.4/5.12, mb1mx4.4/1.8, mbtmp4.4/12, ML=4.31, MS3.8/7, ML1.8/2.7, ms1mx3.3/1.6, Error ellipse: s-maj=32.7km s-min=14.7km az=70.0

ISCJB 24 02:39:2.0, 3.1, 319S-004-13065E, 0.07, h33km, mb4.5/2.4, MS3.7/5, Error ellipse: s-maj=10.3km s-min=5.3km az=165.0

NEIC 24 02:41.8, 0.3, 314Sx13057E, h35km, mb4.4/16, Error ellipse: s-maj=13.1km s-min=6.9km az=64.0

ISC 24 02:41.2, 0.3, 319S-004-13069E, 0.07, h35km, n56, 0.1151/53, mb4.5/2.4, MS3.7/5, Seram

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like KAKA Kakadu, BAKI Kupang, BAKI Kupang, etc.

CSEM 24 02:22:59.6, 0.2, 3901N-4056E, h5km, MD3.0, Error ellipse: s-maj=5.0km s-min=3.7km az=118.0

ISK 24 02:22:59.6, 3901N-4054E, h2km, MD3.0

ISCJB 24 02:23:01.0, 0.5, 3895N-004-4055E, 0.04, h5km, Error ellipse: s-maj=5.5km s-min=3.7km az=151.5

DDA 24 02:23:02.5, 3894N-4058E, h4km, 3km, MD3.0

ISC 24 02:23:01.3, 0.6, 3896N-004-4055E, 0.04, h4km, 6km, n13, 0.1505/19, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like BINT Bingol, BINGOL, BINGOL, etc.

NEIC 24 02:24.4, 4.1, 2.2897Sx17899W, h300km, mb3.4/1, Error ellipse: s-maj=34.1km s-min=22.2km az=83.0

IDC 24 02:24.5, 0.8, 2.2917Sx17902W, h317km, 67km, mb3.1/2, mb1.3/4.3, mb1mx3.2/1.3, mbtmp3.2/3, Error ellipse: s-maj=75.8km s-min=31.9km az=34.0

ISC 24 02:24.5, 0.5, 2.2985S-03-1798W, 0.4, h359km, 42km, n11, 0.67718, mb3.2/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like URZ Urewera, URZ Urewera, RPZ Rata Peaks, etc.

ISCJB 24 03:27.3, 0.1, 1.5, 2818S-006-1785W, 0.1, h225km, 15km, mb4.0/1.5, Error ellipse: s-maj=16.7km s-min=7.6km az=21.0

NEIC 24 03:27.3, 0.1, 1.5, 2786Sx17837W, h232km, 15km, mb4.2/9, Error ellipse: s-maj=13.1km s-min=10.8km az=116.0

IDC 24 03:27.3, 4.2, 2.2789Sx17850W, h288km, 24km, mb3.8/1.0, mb1.3/9.1, mb1mx3.9/1.5, mbtmp3.8/1.1, Error ellipse: s-maj=16.4km s-min=14.0km az=49.0

ISC 24 03:27.3, 3.1, 3.2858S-006-1785W, 0.1, h287km, 14km, n56, 0.1920/47, mb4.0/1.5, 1C, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Code Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like MUX Matakaoa Point, PUK Puketiti, etc.

NEIC 24 01:49:59.8, 1911N-6470W, h69km, MD3.5(RSPR), After RSPR.

RSPR 24 01:49:59.8, 1911N-6470W, h69km, 3km, MD3.5/9, MD3.5/9, 10C, Virgin Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like ABV Anegada, ABV Anegada, TBV Tortola, etc.











Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FMP Fort Macarthur, PFO Pinyon Flat Ob, HEC Hector, Ludlow, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like S09A Goldfield, V03C Hunter Liggett, Y14A Wickenburg, etc.

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, VNA3 Neumayer Olymp, etc.



ZALV	Zalesovo Beam	53.95 322	P	P	08 13 09.9	-0.7
		0.7nm, 0.4s, baz=84, slow=5, SNR=4.6				
MKAR	Makanchi Array	54.41 313	P	P	08 13 14.8	+0.6
		0.8nm, 0.6s, baz=94, slow=8, SNR=6.8				
YKA	Yellowknife Ar	76.47 28	P	P	08 15 35.0	-0.1
		0.9nm, 0.5s, baz=293, slow=5.9, SNR=18				
NVAR	Mina Array Bea	83.28 51	P	P	08 16 12.9	+0.8
		0.6nm, 0.7s, baz=260, slow=5.2, SNR=4.8				

CSEM 24 08:28:36.3.0.1, 3902N-4055E, h5km, MD3.1, Error  
 ellipse: s-maj=2.4km s-min=1.9km az=136.0  
 ISK 24 08:28:36.6, 3901N-4055E, h6km, MD3.1  
 ISJCJB 24 08:28:37.6.0.4, 3900N-4051E, h7km, MD3.0  
 ellipse: s-maj=5.2km s-min=3.6km az=150.4  
 DDA 24 08:28:37.5, 3900N-4051E, h7km, MD3.0  
 ISK 24 08:28:38.0.0.6, 3900N-4052E, h6km, 5km, n17,  
 o1527/25, Turkey

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
BINT	Bingol	0.13 191	PG	Op	ISC	08 28 40.2	-0.4
BINT	Bingol					08 28 42.6	+0.2
BINGL	BINGOL	0.49 95	iP	Op	ISC	08 28 47.2	-0.3
BNGL	BINGOL					08 28 55.3	+1.3
PTK	Pertek	0.89 363	eP	Op	ISC	08 28 54.4	-0.6
PTK	Pertek					08 29 07.5	+1.0
EZC	Ezincan	0.93 224	eP	Op	ISC	08 28 59.7	+2.2
BTMT	Batman	1.11 136	eP	Op	ISC	08 28 57.3	-1.9
EZM	Ezincan	1.11 36	eP	Op	ISC	08 28 57.3	-1.9
ERZM	Ezincan	1.12 36	iP	Op	ISC	08 28 57.7	-0.8
SVRC	Sivrice-ELAZID	1.14 237	eP	Op	ISC	08 29 16.0	+2.0
ELZG	Elazig	1.30 248	iP	Op	ISC	08 29 02.3	-0.4
ELZG	Elazig					08 29 24.0	+4.2
HOMI	Horasan	1.50 45	iP	Op	ISC	08 29 06.0	+0.6
HOMI	Horasan					08 29 29.7	+4.5
GUMT	Gumushane	1.66 332	eP	Op	ISC	08 29 07.2	-0.6
MARD	Mardin	1.70 173	iP	Op	ISC	08 29 09.1	+1.0
MARD	Mardin					08 29 31.7	+1.6
MYA	Malatya	1.77 248	eP	Op	ISC	08 29 08.8	-0.3
MYA	Malatya					08 29 09.2	0.0
AGR8	Hanur-Agry	2.00 73	eP	Op	ISC	08 29 11.4	-1.0
URFA	Urfa	2.05 211	eP	Op	ISC	08 29 07.9	-0.1
GZT	Gaziantep	2.85 236	iP	Op	ISC	08 29 29.9	-2.7
GZT	Gaziantep					08 30 12.3	+2.7

IDC 24 08:31:09.5.1.1, 3832N-10989E, h0km, mb3.6/4,  
 mb1 3.9/5, mb1mx3.6/20, mbtmp3.6/5, ML3.4/1, Error  
 ellipse: s-maj=54.0km s-min=22.9km az=64.0, Western  
 Nei Mongol

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
SOMN	Songino Array	9.85 346	Pn	Pn	08 33 32.2	0.0	0.0
		0.3nm, 0.3s, baz=162, slow=11, SNR=3.6					
MKAR	Makanchi Array	21.94 302	P	P	08 36 04.4	0.0	0.0
		0.9nm, 0.6s, baz=96, slow=12, SNR=7.1					
WRA	Waramunga Arr	62.34 154	P	P	08 41 33.5	-0.2	0.0
		0.3nm, 0.2s, baz=345, slow=7.2, SNR=9.6					
ASAR	Alce Springs	65.65 156	P	P	08 41 55.8	+0.3	0.0
		0.7nm, 0.7s, baz=338, slow=4.3, SNR=8.8					
YKA	Yellowknife Ar	73.26 20	P	P	08 42 42.8	+0.2	0.0
		0.1nm, 0.8s, baz=324, slow=4.3, SNR=4.2					

NEIC 24 08:49:27.4, 1670N-6081W, h35km, mb4.3/3,  
 MD4.5(RSPR), MD4.2(TRN), After TRN.  
 TRN 24 08:49:28.7, 1622N-6086W, h34km, MD4.1, M3.9(FDF),  
 M4.0(FDF)

TRN Felt (I), Guadeloupe,  
 ISJCJB 24 08:49:30.1.0.6, 1681N-003.6094W, 004, h61km, 5km,  
 mb4.0/15, Error ellipse: s-maj=7.7km s-min=3.4km  
 az=140.8

IDC 24 08:49:31.8.2.9, 1679N-6091W, h61km, 28km, mb3.8/13,  
 mb1 3.9/17, mb1mx3.8/26, mbtmp3.9/17, ML3.8/2, MS3.4/7,  
 M5.1 3.5/7, ms1mx3.2/28, Error ellipse: s-maj=17.9km  
 s-min=12.9km az=70.0

RSPR 24 08:49:32.5, 1697N-6093W, h25km, 45km, MD4.5/14,  
 MD4.5/14

ISC 24 08:50:30.4.0.7, 1668N-003.6086W, 005, h44km, 7km, n75,  
 r1504/101, mb4.0/15, MS3.7/3, 25C-6D, Leeward Islands

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
SFG	Saint Francois	0.66 210	eP	Op	ISC	08 49 42.4	-1.0
BPA	Boggy Peak	0.98 283	eP	Op	ISC	08 49 46.4	-1.4
SPR	Saint Pierre	0.98 283	eP	Op	ISC	08 50 01.1	+0.6
MGG	Marie-Galante	1.00 205	eP	Op	ISC	08 49 47.7	-0.4
BCG	Bois Riant Cap	1.04 226	eP	Op	ISC	08 49 48.7	+0.2
DOG	Dogoo Capester	1.08 223	eP	Op	ISC	08 49 49.1	+0.0
LZG	Guadaloupe-1	1.11 232	eP	Op	ISC	08 49 49.2	-0.3
SCG	Saint Claude	1.12 225	eP	Op	ISC	08 49 49.7	+0.1
HMH	Houmeilont	1.17 224	eP	Op	ISC	08 49 50.7	+0.1
TBG	Guadaloupe-3	1.23 218	eP	Op	ISC	08 49 51.6	+0.5
CPB	Codrington	1.23 311	eP	Op	ISC	08 49 50.5	-0.7
CPB	Codrington					08 50 02.4	-4.2
CPB	Codrington					08 50 08.4	+1.8
FDG	Fort de France	2.10 188	eS	Op	ISC	08 50 27.2	-0.8
SEUS	St. Eustatius	2.14 288	eS	Op	ISC	08 50 26.2	-2.8
SEUS	St. Eustatius					08 50 03.9	+0.3
MVM	Montagne VaucI	2.26 181	eP	Op	ISC	08 50 05.3	-0.0
BIB	Bigot	2.31 185	eP	Op	ISC	08 50 06.1	-0.2
SABA	Saba	2.41 289	eP	Op	ISC	08 50 07.3	+0.5
SABA	Saba					08 50 07.8	+0.5
SABT	Saba	2.41 289	eS	Op	ISC	08 50 33.5	-2.2
SMART	St. Maarten	2.44 300	eS	Op	ISC	08 50 34.0	-2.4
SMART	St. Maarten					08 50 07.9	+0.1
STMA	St. Maarten, A	2.44 300	eS	Op	ISC	08 50 07.9	+0.2
STMA	St. Maarten, A					08 50 39.1	+2.0
STMA	St. Maarten, A	2.47 300	eS	Op	ISC	08 50 09.1	+0.9
STMA	St. Maarten, A					08 50 39.1	+2.0
SLW	Petit Monier	2.79 182	eP	Op	ISC	08 50 09.5	-3.1
SLW	Petit Monier					08 50 40.7	-4.3
SLW	Petit Monier	2.79 182	eS	Op	ISC	08 50 42.9	-0.7
SLW	Petit Monier					08 50 40.7	-4.3
SLB	Belfond	2.99 183	eS	Op	ISC	08 50 13.0	-2.3
SLB	Belfond					08 50 15.9	+0.7
SLB	Belfond					08 50 42.9	-0.7
MCLT	Moule a Chique	3.10 182	eP	Op	ISC	08 50 14.1	-2.8
MCLT	Moule a Chique					08 50 47.2	-5.5
ABV	Anegada	3.81 300	eP	Op	ISC	08 50 27.9	+1.2
ABV	Anegada					08 51 09.3	-0.9
BBGH	Gun Hill	3.87 261	Pn	Op	ISC	08 50 22.3	-5.2
TBVI	Tortola	3.92 294	eP	Op	ISC	08 50 27.3	-0.8
TBVI	Tortola					08 51 10.8	-2.1
STVI	Saint Thomas	4.19 292	eP	Op	ISC	08 50 30.6	-1.2
STVI	Saint Thomas					08 51 18.8	-0.7
MTP	Monte Pirata	4.66 286	eP	Op	ISC	08 50 38.1	-0.1
MTP	Monte Pirata					08 51 30.9	-0.2
GRGR	Grenville	4.73 190	eP	Op	ISC	08 50 40.3	-1.0
GRGR	Grenville					08 51 43.0	+1.0
HUMP	Col San Antoni	4.94 286	eP	Op	ISC	08 50 43.1	+0.9
HUMP	Col San Antoni					08 51 36.7	-1.4
CPD	Cerro la Pandu	4.98 285	eP	Op	ISC	08 50 42.7	+0.1
CPD	Cerro la Pandu					08 50 52.2	+1.0
CBYP	Canovanas	4.98 286	eP	Op	ISC	08 50 42.9	+0.7
CBYP	Canovanas					08 51 38.4	-0.6
SJG	San Juan	5.21 285	eP	Op	ISC	08 50 47.1	+1.3
SJG	San Juan					08 50 46.6	+0.7
SJG	San Juan	5.21 285	eP	Op	ISC	08 51 45.1	+0.4
SJG	San Juan					08 50 47.0	+1.1
SJG	San Juan					08 51 45.8	+1.1
SJG	San Juan					08 52 11.0	0.0
SJG	San Juan					08 50 47.1	+1.3
SJG	San Juan					08 51 45.1	+0.4
ICM	Isla Caja Muer	5.51 282	eP	Op	ISC	08 50 50.3	+0.3
ICM	Isla Caja Muer					08 51 52.7	+0.6
ICM	Isla Caja Muer					08 50 52.4	+1.0
OBIP	Obispo Ponce	5.62 283	eP	Op	ISC	08 50 52.6	+1.1
AOPR	Arcebo Observ	5.83 286	eP	Op	ISC	08 50 55.9	+1.7
AOPR	Arcebo Observ					08 52 00.0	+0.2
LRS	Lares	5.89 285	eP	Op	ISC	08 50 57.0	+1.8

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
						h m s	ISC
LRS	Lares	5.89 285	eP	Op	ISC	08 50 47.0	-8.2
CRPR	Cabo Rojo, PR	6.08 282	eP	Op	ISC	08 50 58.4	+0.6
LSP	Las Mesas	6.09 284	eP	Op	ISC	08 50 50.0	+2.0
AGPR	Aguadilla, PR	6.18 286	eP	Op	ISC	08 52 07.8	+1.4
PCRV	Puerto Cruz	7.55 327	eP	Op	ISC	08 51 00.0	+0.8
		0.1nm, 0.3s, baz=27, slow=6.8, SNR=3.7				08 51 18.3	+0.1
PCRV	Puerto Cruz					08 52 43.2	+0.6
		0.2nm, 0.3s, baz=267, slow=18, SNR=2.1				08 54 34.3	0.0
SDDR	Preseda de Saban	10.16 284	Pn	Pn	08 51 54.5	+0.7	0.0
		0.1nm, 0.3s, baz=105, slow=15, SNR=8.4				08 53 46.9	+0.6
SDDR	Santo Domingo	12.37 232	eP	Op	ISC	08 52 24.0	0.0
		0.7nm, 0.3s, baz=77, slow=9.6, SNR=1.4				08 57 43.3	0.0
SDV	Santo Domingo					08 53 36.5	+1.7
ROSC	El Rosal	17.77 230	Pn	Pn	08 53 36.5	+1.7	0.0
		0.1nm, 0.3s, baz=105, slow=15, SNR=8.4				09 00 56.0	0.0
ROSC	El Rosal					09 00 56.0	0.0
BCIP	Isla Barro Col	19.99 250	eP	Op	ISC	08 53 59.6	-1.7
		comp-Z, 1.51nm, 21.1s, baz=208, slow=39				08 55 30.7	+1.3
ATAH	Atahualpa	29.35 218	P	P	08 56 07.0	-0.3	0.0
		14nm, 0.8s, mb4.7, baz=32, slow=6.2, SNR=7.8				08 57 09.6	-0.5
LPAR	La Paz	33.68 193	P	P	08 56 07.0	-0.3	0.0
		4nm, 0.8s, mb3.9, baz=264, slow=5.5, SNR=6.2					

Table with columns: LKR, Lokris, 1.68 58 ePn, Pn, 09 37 25.4 +0.5, etc.

CSEM 24 09:39:43.4.1.7, 4259N-4947E, h5km, mb3.9, Error ellipse: s-maj=27.1km s-min=13.1km az=67.0

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

TRN 24 09:45:58.1, 1693N-6080W, h15km, MD3.5, M3.0(FDF), 2D, Leeward Islands

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

ISCJB 24 09:55:15.6.5.5, 718S:010:15561E:007, h2km, 34km, mb4.1/10, Error ellipse: s-maj=17.9km s-min=10.4km az=25.4

NEIC 24 09:55:22.8.2.6, 735S:15568E, h50km, 29km, mb4.4/2, Error ellipse: s-maj=26.9km s-min=11.0km az=145.0

ISC 24 09:55:22.4.3.2, 73S:02:1556E:01, h39km, 35km, n15, 0592/15, mb4.1/10, Bougainville - Solomon Islands region

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

ATH 24 10:13:38.5, 3677N-2051E, h5km, 1km, MD3.3/4, NEIC 24 10:13:38.5, 3677N-2051E, h5km, MD3.3(ATH), After ATH

CSEM 24 10:13:39.7.0.5, 3675N:2048E, h2km, ML3.5, Error ellipse: s-maj=7.2km s-min=4.2km az=46.0

THE 24 10:13:40.9, 3682N:2055E, h3km, ML3.5, ISC 24 10:13:39.2.2.2, 3675N:2005E:048E:009, h3km, 11km, n11, 0564/17, Central Mediterranean Sea

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

CSEM 24 10:29:00.2.0.2, 3682N:2765E, h0km, 2km, MD2.8, Error ellipse: s-maj=6.1km s-min=2.6km az=106.0

ISCJB 24 10:29:01.2.0.8, 3681N:004:2760E:007, h8km, 7km, Error ellipse: s-maj=10.0km s-min=5.5km az=164.9

DDA 24 10:29:01.5, 3683N:2753E, h7km, 1km, MD2.9, ISK 24 10:29:01.1, 3680N:2763E, h7km, MD2.8, ISC 24 10:29:01.5, 0.8, 3679N:004:2761E:007, h8km, 7km, n9, 0567/14, Dodecanese Islands

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

ISCJB 24 10:39:17.9.0.7, 685N:006:7297W:007, h174km, 7km, Error ellipse: s-maj=13.1km s-min=7.2km az=40.4

FUNV 24 10:39:21.8.1, 675N:7314W, h171km, MW3.5, IDC 24 10:39:21.4.6.8, 676N:7568W, h135km, 83km, mb3.3/1, mb1.3.6/2, mb1mx3.1/20, mb1mx3.5/2, Error ellipse: s-maj=190.5km s-min=39.1km az=81.0

ISC 24 10:39:18.9.0.7, 683N:006:7295W:007, h168km, 7km, n18, 0578/24, 4C-1D, Northern Colombia

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

IDC 24 11:07:07.1.1.2, 716S:15537E, h0km, mb3.8/5, mb1.4.0/6, mb1mx3.8/14, mb1mx3.9/6, ML4.5/1, Error ellipse: s-maj=28.2km s-min=27.3km az=39.0, Bougainville - Solomon Islands region

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

SGS 24 11:16:15.4, 3038N-3653E, h12km, CSEM 24 11:16:16.0.0.8, 2995N:3661E, h2km, ML2.8, Error ellipse: s-maj=20.7km s-min=9.8km az=78.0

HLW 24 11:16:22.0.1, 2987N:3623E, h0km, ML2.2/6, ISC 24 11:16:22.6.0.6, 2980N:3644E, h2km, MD2.8, ISC 24 11:16:18.9.1.0, 2988N:003:3633E:006, h0km, n17, 0589/22, C, Western Arabian Peninsula

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

NEIC 24 11:19:50.6, 3232S:7141W, h40km, MD3.7(GUC), After GUC

GUC 24 11:19:50.6.0.4, 3232S:7141W, h40km, 1km, MD3.7, ML2.4, 1C-2D, Near coast of central Chile

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

ISCJB 24 11:47:11.5.0.4, 3272N:002:11593W:003, h14km, 2km, Error ellipse: s-maj=4.0km s-min=3.1km az=35.9

ECX 24 11:47:12.6.0.7, 3271N:11595W, h4km, 2km, MD2.6, ML2.6

ISC 24 11:47:11.2.0.3, 3271N:002:11592W:003, h18km, 2km, n25, 0560/40, 14C-17D, California-Baja California border region

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

ISCJB 24 10:39:17.9.0.7, 685N:006:7297W:007, h174km, 7km, Error ellipse: s-maj=13.1km s-min=7.2km az=40.4

FUNV 24 10:39:21.8.1, 675N:7314W, h171km, MW3.5, IDC 24 10:39:21.4.6.8, 676N:7568W, h135km, 83km, mb3.3/1, mb1.3.6/2, mb1mx3.1/20, mb1mx3.5/2, Error ellipse: s-maj=190.5km s-min=39.1km az=81.0

ISC 24 10:39:18.9.0.7, 683N:006:7295W:007, h168km, 7km, n18, 0578/24, 4C-1D, Northern Colombia

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

NEIC 24 11:05:23.2, 1912N:6540W, h113km, MD3.6(RSPR), After RSPR

RSPR 24 11:05:23.2, 1912N:6540W, h113km, 8km, MD3.6/4, MD3.6/4, 8C, Puerto Rico region

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

IDC 24 12:19:56.8.1.0, 2215N:14335E, h0km, mb3.5/6, mb1.3.8/6, mb1mx3.7/17, mb1mx3.5/6, MS3.2/2, Msl1.3.2/2, ms1mx2.8/22, Error ellipse: s-maj=37.3km s-min=22.3km az=190.0, Volcano Islands region

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

IDC 24 12:31:16.4.0.9, 933S:15753E, h0km, mb4.1/8, mb1.4.2/9, mb1mx4.2/13, mb1mx4.1/9, ML4.4/7, MS3.5/3, Msl1.3.5/3, ms1mx3.2/18, Error ellipse: s-maj=24.2km s-min=18.9km az=146.0

ISCJB 24 12:31:19.7.0.6, 93S:01:15753E:006, h33km, mb4.0/10, MS3.6/2, Error ellipse: s-maj=17.4km s-min=8.1km az=176.0

ISC 24 12:31:21.5.0.6, 94S:01:15755E:006, h35km, n15, 0595/14, mb4.0/10, MS3.6/2, Bougainville - Solomon Islands region

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



Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like B04A Port Angeles, ULN Ulanabaatar, and A06A Chiliwack.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like HHC Carlson Farm, G06A Carlson Farm, and KEBM Edson Butte.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like D15A Lincoln, L05A Lakeview, and E14A Clinton.



KEV	Kevo	45.91	344	eP	P	12 47 50.6	-1.7
KEV	comp=Z,18nm,1.0s,mb5.0						
N08A	GE Springer Mt	45.93	84	↑P	P	12 47 52.8	0.0
L11A	Cat Creek Ranc	45.94	81	↑P	P	12 47 52.8	0.0
P05C	Yuba Gap, Truc	45.95	87	↑P	P	12 47 52.3	-0.7
Q04C	Lincot	45.96	88	↑P	P	12 47 52.8	-0.3
K12A	Draper Farm, C	45.97	80	↑P	P	12 47 52.6	-0.4
P06A	Stead Airport,	45.98	86	↑P	P	12 47 52.5	-0.7
O07A	Toulon	46.07	85	↑P	P	12 47 53.5	-0.5
M10A	LL Ranch, Tu	46.09	82	↑P	P	12 47 53.5	-0.5
N09A	Rock Creek Ran	46.16	83	↑P	P	12 47 54.1	-0.5
PAHR	Pah Rah Range	46.20	86	eP	P	12 47 54.7	-0.3
DGMT	Dagmar	46.24	66	eP	P	12 47 56.2	+1.0
L12A	House Creek Ra	46.30	80	↑P	P	12 47 54.6	-1.1
ARCES	ARCCESS Array B	46.31	344	P	P	12 47 53.6	-1.8
ARCES	comp=Z,17nm,0.7s						
ARCES	comp=Z,2um,19.1s						
ARCES	ARCCESS Array B	46.31	344	P	P	12 47 53.6	-1.8
ARCES	comp=Z,17nm,0.7s,mb5.1,baz=17,slow=5.9,SNR=26						
AREO	ARCCESS Array S	46.31	344	eP	P	13 09 05.7	
LAVA	Lava Cap Winer	46.33	88	↑P	P	12 47 55.1	-0.8
K13A	Stover Farm, H	46.33	79	↑P	P	12 47 55.4	-0.6
WCN	Washoe City,	46.35	86	↑P	P	12 47 55.7	-0.5
YFT	Old Faithful	46.45	75	eP	P	12 47 57.9	+1.3
BDM	Black Diamond	46.44	89	↑P	P	12 47 56.3	-0.5
LVZ	Lozovero	46.48	339	eP	P	12 47 56.0	-0.8
M11A	Holland Ranch,	46.50	81	↑P	P	12 47 56.9	-0.4
LKWY	Lake	46.52	74	eP	P	12 47 59.3	+1.9
LKWY	comp=Z,30nm,1.0s,mb5.2						
LKWY	Lake	46.52	74	eP	P	12 47 59.3	+1.9
BMN	Battle Mountai	46.63	83	eP	P	12 47 58.3	0.0
BMN	comp=Z,27nm,1.4s,mb5.0						
BMN	Battle Mountai	46.63	83	eP	P	12 47 58.2	-0.1
R05C	Kirkwood Meado	46.68	87	↑P	P	12 47 57.9	-0.8
JRSC	Jasper Ridge	46.71	90	↑P	P	12 47 58.0	-1.0
LAO	LASA Array	46.73	69	eP	P	12 47 58.3	-0.8
FLWY	Flagg Ranch	46.76	75	eP	P	12 48 00.3	+1.1
IMW	Indian Meadow	46.79	75	eP	P	12 47 59.3	-0.2
K14A	Jones Ranch, D	46.78	73	↑P	P	12 47 59.8	-0.1
M12A	Wells	46.92	81	↑P	P	12 48 00.3	-0.3
TRO	Tromso	46.97	347	eP	P	12 47 60.0	-0.6
TRO	comp=Z,89nm,1.4s,mb5.5						
TRO	Tromso	46.97	347	eP	P	12 48 00.0	-0.6
TRO	comp=Z,89nm,1.4s,mb5.5						
TRO	Tromso	46.97	347	eP	P	12 47 60.0	-0.6
JMIC	Jan Mayen	47.01	0	eSS	SS	12 58 31.7	+1.3
S04C	Ingram Canyon,	47.05	89	↑P	P	12 48 02.4	+0.7
CMB	Columbia Colle	47.07	88	eP	P	12 48 01.5	-0.3
CMB	comp=Z,21nm,1.3s,mb4.9						
CMB	Columbia Colle	47.07	88	eP	P	12 48 01.5	-0.2
CMB	comp=Z,21nm,1.3s,mb4.9						
O10A	Cortez Mining,	47.08	83	↑P	P	12 48 02.4	+0.6
TPAW	Teton Pass	47.10	76	eP	P	12 48 02.8	+0.8
LOHW	Long Hollow	47.17	75	eP	P	12 48 03.4	+0.9
SNOW	Snow King Moun	47.22	76	eP	P	12 48 03.6	+0.8
RED75	Red Top Meadow	47.25	76	eP	P	12 48 03.6	+0.5
N12A	Clover Valley,	47.31	81	↑P	P	12 48 03.7	+0.1
M13A	Montello	47.31	80	P	P	12 48 04.1	+0.5
SFJD	Kangerlussuaq	47.40	21	iP	S	12 48 03.7	-0.3
SFJD	comp=Z,33nm,1.1s,mb5.2						
SFJD	Kangerlussuaq	47.40	21	eP	P	12 48 03.0	-1.0
SFJD	comp=Z,33nm,1.1s,mb5.2						
SFJD	Kangerlussuaq	47.40	21	iP	P	12 48 03.7	-0.3
SFJD	comp=Z,33nm,1.1s,mb5.2						
SFJD	Kangerlussuaq	47.40	21	iP	S	12 54 57.3	-0.7
SFJD	comp=Z,33nm,1.1s,mb5.2						
S06C	San Francisco	47.44	88	↑P	P	12 48 04.9	+0.2
PACP	Pacheco Peak	47.48	90	↑P	P	12 48 05.3	+0.3
M14A	Sheep Mountain	47.57	79	↑P	P	12 48 05.6	-0.1
O11A	Cowboy Ranch,	47.59	82	↑P	P	12 48 06.0	+0.1
HVU	Hansel Valley	47.62	79	eP	P	12 48 06.0	0.0
HVU	comp=Z,33nm,1.2s,mb5.2						
HVU	Hansel Valley	47.62	79	eP	P	12 48 06.0	0.0
P10A	Eureka	47.63	83	↑P	P	12 48 06.2	+0.1
R07C	Lee Vining	47.65	87	↑P	P	12 48 06.2	-0.1
S05C	Merced	47.65	89	↑P	P	12 48 05.2	-1.2
N13A	Wendover, West	47.69	81	↑P	P	12 48 06.3	-0.3
NVAR	Mina Array Bea	47.72	86	P	P	12 48 06.8	-0.1
GTA	Gaotai	47.81	276	eP	P	12 48 07.4	-0.1
GTA	comp=Z,1um,22.0s						
GTA	San Francisco	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Pacheco Peak	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Sheep Mountain	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Cowboy Ranch,	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Hansel Valley	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Eureka	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Lee Vining	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Merced	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Wendover, West	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Mina Array Bea	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Gaotai	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	San Francisco	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Pacheco Peak	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Sheep Mountain	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Cowboy Ranch,	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Hansel Valley	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Eureka	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Lee Vining	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Merced	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Wendover, West	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Mina Array Bea	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Gaotai	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	San Francisco	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Pacheco Peak	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Sheep Mountain	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Cowboy Ranch,	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Hansel Valley	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Eureka	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Lee Vining	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Merced	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Wendover, West	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Mina Array Bea	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Gaotai	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	San Francisco	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Pacheco Peak	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Sheep Mountain	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Cowboy Ranch,	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Hansel Valley	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Eureka	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Lee Vining	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Merced	47.84	88	↑P	P	12 48 07.9	0.0
GTA	comp=Z,1um,22.0s						
GTA	Wendover, West	47.84	88	↑P	P	12 48 07.9	





Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LMR, MTLF, PGF, EPON, ELAN, etc.

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

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

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

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

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

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

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













24d 20h

2007 MAY

810

Table with columns for station name, frequency, power, and status. Includes stations like Musuan, Davao City (W), Cuyo Island, and various other locations.

Table with columns for station name, frequency, power, and status. Includes stations like Sogino Array, Kunming, Yakutsk, and various other locations.

Table with columns for station name, frequency, power, and status. Includes stations like Urumqi, Banjaregara, Charters Tower, and various other locations.



24d 20h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BEKR, WENL, WVOR, etc.

2007 MAY

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Q08A, HLID, I13A, etc.

812

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TPNV, TPNV, S11A, etc.





24d 20h

Table of station data for 24d 20h, including columns for station name, coordinates, and various parameters like pmax, mLR, etc.

2007 MAY

Main table of station data for 2007 MAY, including columns for station name, coordinates, and various parameters like pmax, mLR, etc.

814

Table of station data for 814, including columns for station name, coordinates, and various parameters like pmax, mLR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Lanzhou, Lahad Datu, Sandakan, Kota Kinabalu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Inuvik, Joensuu, Arces, Sochi, Afiamalu, etc.

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

Table of satellite data for 24d 22h, listing stations like HRDSS, GHVR, ASHO, etc., with columns for station name, coordinates, and status.

Table of satellite data for 2007 MAY, listing stations like NOA, MTLF, RJJF, etc., with columns for station name, coordinates, and status.

Table of satellite data for 816, listing stations like FITZ, MBWA, NVDA, etc., with columns for station name, coordinates, and status.





24d 22h

Table with columns: CTA, Charters Tower, Time, P, P, 22.55 09.8 +2.0, etc. Includes entries like Charters Tower 31.49 270 P P, TOO Toolangi 32.69 236 eP P, STKA Stephens Creek 34.90 248 iP P, etc.

2007 MAY

Table with columns: TUC Tucson, Time, 86.25 52 eP P, P, 23 01 16.9 +0.7, etc. Includes entries like Tucson 86.25 52 eP P, WYOR Wild Horse 86.58 41 eP P, TDL Tradelador Lake 86.37 36 P P, etc.

818

Table with columns: AKASG Main Array Be, Time, 144.62 328 PKP PKPdf, 23 08 05.0 -1.9, etc. Includes entries like Main Array Be 144.62 328 PKP PKPdf, Main Array Si 144.62 328 ePKHKP, Main Array S 144.62 328 ePKHKP, etc.





25d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KARP, ARG, DAT, NPS, DALY, XRY, FETY, YER, MSLB, SANT, etc.

ADC 25 01:35:52.6 1.2, 016S, 12569E, h0km, mb3.6/5, mb1 3.8/6, mb1mx3.7/17, mbtmp3.7/6, ML3.6/1, Error ellipse: s-maj=109.8km s-min=19.8km az=69.0, Southern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include FITZ, WRA, ASAR, STKA, SONM, MKAR.

HLW 25 01:39:41.8, 3590N-2730E, h33km, Mb2.7
ISK 25 01:39:43.9, 3556N-2727E, h5km, MD3.6
CSEM 25 01:39:44.9, 1.3540N-2743E, h29km, MD3.5, Error ellipse: s-maj=4.4km s-min=2.7km az=115.0
ISCJB 25 01:39:44.1-0.5, 3541N-004-2747E-0.06, h10km, Error ellipse: s-maj=7.4km s-min=4.4km az=31.8
ATH 25 01:39:45.9, 3560N-2735E, h18km, MD3.5/8
NEIC 25 01:39:45.9, 3560N-2735E, h18km, MD3.5(ATH), MD3.5(ISK), After ATH.

ISC 25 01:39:45.8 1.3, 3547N-004-2745E-0.06, h13km, 8km, n21, s106/27, 1C, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KARP, ARG, DAT, NPS, XRY, DALY, FETY, YER, MSLB, SANT, etc.

BUI 25 01:44:49.0, 2197N-14320E, h88km, mb4.9, mb4.6
ISCJB 25 01:44:53.8, 6.0, 2169N-007-1430E-0.1, h135km, 55km, mb4.1/25, Error ellipse: s-maj=23.0km s-min=11.7km az=170.6
NEIC 25 01:44:53.2-4.3, 2172N-14309E, h117km, 39km, mb4.5/12, Error ellipse: s-maj=15.3km s-min=7.7km az=82.0
ISC 25 01:44:55.8-9.3, 2174N-14309E, h142km, 87km, mb3.6/12, mb1 3.8/12, mb1mx3.7/21, mbtmp3.6/12, MS3.4/6, MS1 3.4/6, ms1mx3.2/17, Error ellipse: s-maj=28.6km s-min=13.2km az=86.0

ISC 25 01:44:54.0-5.2, 2171N-007-1431E-0.1, h123km, 47km, n37, 087/34, mb4.3/25, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MJAR, YHNS, KRSR, KSR5, INCN, MDJ, LZH, LZH, ULN, SONM, SONM, GTA, GTA, CTA, WRAB, WB2, WRA, ASAR, PSI, STKA, STKA, ZALV, ZALV, ZALV, MKAR, MKAR, MKAR, KURK, UCH, UCH, AML, BRVK, INK, INK.

2007 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include YKA, PPT, FINES, NVAR, PTVN, FFC, DUG, HWG, SMCO.

CSEM 25 02:20:11.8-0.2, 3768N-2085E, h12km, ML2.6, Error ellipse: s-maj=4.7km s-min=2.2km az=48.0
ATH 25 02:20:11.8, 3773N-2084E, h22km, 3km, MD3.2/3
NEIC 25 02:20:11.8, 3773N-2084E, h22km, MD3.2(ATH), After ATH.

ISCJB 25 02:20:12.8 1.3, 3773N-007-209E-0.1, h25km, 12km, Error ellipse: s-maj=17.8km s-min=12.0km az=167.0
THE 25 02:20:12.8, 3773N-2085E, h3km, ML2.6
ISC 25 02:20:11.9-1.3, 3770N-006-2084E-0.07, h20km, 7km, n9, s097/16, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KFL, KFL, VLS, RLS, RLS, ITM, SELA, SELA, SELA, LKD, LKD, VLK, VLX, VLR.

NEIC 25 02:20:22.9, 3068S-7129W, h50km, MD3.7(GUC), After GUC.
GUC 25 02:20:22.9-0.8, 3068S-7129W, h50km, 5km, MD3.7, ML2.9, 1C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include OVCH, OVCH, CMCH, CMCH, CMCH, CMCH, Tollo Astrono, Tollo Astrono, Tollo Astrono, Tollo Astrono, LSCH, LSCH.

ADC 25 02:23:35.0-2.2, 2411N-12817E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.5/15, mbtmp3.4/3, Error ellipse: s-maj=150.5km s-min=25.6km az=68.0, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA, ASAR, MKAR.

ADC 25 02:51:48.7-2.7, 1381S-16764E, h0km, mb4.4/5, mb1 4.5/5, mb1mx4.1/14, mbtmp4.4/5, Error ellipse: s-maj=97.6km s-min=32.1km az=129.0
NEIC 25 02:51:54.5 1.6, 1384S-16753E, h35km, mb4.3/1, Error ellipse: s-maj=57.1km s-min=18.4km az=131.0
ISC 25 02:51:56.3-3.0, 1372S-1672E-0.5, h35km, n35, s06/38, mb4.2/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include STKA, WB2, WRA, ASAR, MKAR, ZALV, ARCES, LDF, LOR, GRR, SSF, LPL, LPG, SMF, AVF, SGMF, BGF, MBDF, ORIF, TCF, TCF, MFF, VIVF, PGF, MKAR, SMRF, LMR, RJF, CAF, LASF, LTF, LTF.

820

Table with columns: ETSF, Etsaut, 149.04, 342, ePKP1, PKPbc, 03 11 40.3 -0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA, ASAR, STKA, SONM, MKAR.

ISCJB 25 03:13:50.6-0.8, 31.16N-010-827E-0.1, h10km, mb3.6/7, Error ellipse: s-maj=14.5km s-min=13.5km az=44.7
ADC 25 03:13:50.4-1.2, 31.03N-827E, h0km, mb3.6/7, mb1 3.7/8, mb1mx3.6/23, mbtmp3.6/8, ML2.6/1, Error ellipse: s-maj=32.8km s-min=25.7km az=50.0
NEIC 25 03:13:52.5-0.7, 31.18N-827E, h10km, mb3.7/1, Error ellipse: s-maj=21.4km s-min=12.6km az=69.0
ISC 25 03:13:52.3-0.8, 31.17N-010-826E-0.1, h10km, n12, s101/12, mb3.6/7, Kizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DDI, MK31, MKAR, KURK, ZALV, SONM, KULM, AKASG, FINES, ARCES, WRA, TORD, TORD.

ISCJB 25 03:14:23.5 1.2, 31.11N-01-826E-0.3, h10km, mb3.6/6, Error ellipse: s-maj=31.7km s-min=20.1km az=170.1
ADC 25 03:14:23.7-1.2, 31.06N-8258E, h0km, mb3.6/6, mb1 3.7/7, mb1mx3.5/23, mbtmp3.6/7, ML3.1/1, Error ellipse: s-maj=40.4km s-min=24.8km az=53.0
NEIC 25 03:14:25.3-0.8, 31.14N-826E, h10km, mb3.6/1, Error ellipse: s-maj=23.5km s-min=14.8km az=82.0
ISC 25 03:14:25.4-1.2, 31.21N-01-827E-0.3, h10km, n9, s067/19, mb3.6/6, Kizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MK31, MKAR, KURK, ZALV, AKASG, FINES, ARCES, WRA, TORD.

ADC 25 03:34:19.9-0.7, 1157N-12553E, h0km, mb4.1/12, mb1 4.1/12, mb1mx4.1/18, mbtmp4.1/12, MS3.2/4, MS1 3.2/4, ms1mx2.9/27, Error ellipse: s-maj=37.1km s-min=15.1km az=72.0
MAN 25 03:34:17.75N-12568E, h16km, mb4.6, ML3.4, MS3.3
MAN INTENSITY III BORONGAN E, SAMAR, INTENSITY II - TACLACLAN CITY.
ISCJB 25 03:34:26.5-1.0, 1164N-005-12558E-0.10, h63km, 8km, mb4.3/22, Error ellipse: s-maj=16.8km s-min=7.6km az=164.1
NEIC 25 03:34:32.0-5.5, 1150N-12543E, h98km, 49km, mb4.5/5, Error ellipse: s-maj=23.6km s-min=9.8km az=62.0
NEIC Felt [II PIVS] at Borongan. Also felt [II PIVS] at Tacloban, Leyte.

ISC 25 03:34:27.8-1.0, 1162N-005-1256E-0.1, h59km, 8km, n45, s120/42, mb4.3/22, MS3.2/4, Samar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BESP, PLP, OCLP, CNP, MSLP, SCPH, LLL, PVP, RCP, GUIM, OTRP, BUKP, PAGZ, CUYO, POLP, BALP, KULM, KSR5, KSR5, PSI, PSI, WRA, WRA, ASAR, ASAR, SONM, STKA, MK31, MKAR, ZALV, TKM2, UCH, EKS2, KURK, KBL.

Table with columns: RDF, AI-Radif, Time, Res, P, MIB, NAY, JOF, SPITS, ARCES, FINES, AKASG, NOA, NOA, YKA, TORD, PLCA, PLCA. Includes station names like AI-Radif, Murtribah, Joensuu, Spitsbergen, etc.

IDC 25 03:50:09.9.3.3, 3402N-8228E, h0km, mb3.5/3, mb1 3.7/4, mb1 mx3.3/23, mbmp3.6/4, ML3.3/1, Error ellipse: s-maj=46.8km s-min=42.4km az=115.0

ISCBJ 25 03:50:14.5.5.6, 3439N.010.615E.0.4, h18km, 4gkm, mb3.4/2, Error ellipse: s-maj=32.4km s-min=13.4km az=169.1

ISC 25 03:50:19.2.1.7, 3438N.010.816E.0.4, h40km, 25gkm, n13, o1502/13, mb3.4/2, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like DANN, KOLD, GKN, KKN, DMN, GUN, PKIN, PKI, JIRN, MKAR, BVAR, TORD, YKA, SONMI.

IDC 25 04:27:41.1.1.2, 5910S-2315W, h0km, mb4.1/3, mb1 4.1/3, mb1 mx3.8/17, mbmp4.1/3, Error ellipse: s-maj=44.6km s-min=33.6km az=37.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like PLCA, MAW, TORD, YKA, SONMI.

IDC 25 04:52:52.8.5.3, 3815N-7389E, h101km, 45gkm, mb3.6/7, mb1 3.7/11, mb1 mx3.5/24, mbmp3.6/11, Error ellipse: s-maj=33.3km s-min=19.8km az=14.0

MOS 25 04:52:54.4.0.8, 3827N-7379E, h129km, mb3.5/1, Error ellipse: s-maj=22.7km s-min=10.0km az=81.0

ISCBJ 25 04:52:54.6.0.5, 3822N.003.7391E.0.07, h139km, 6gkm, mb3.5/7, Error ellipse: s-maj=7.7km s-min=5.0km az=170.1

NNC 25 04:52:56.7.9.3, 3894N-7377E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=103.3km s-min=44.9km az=14.0

BUI 25 04:52:56.1, 3832N-7389E, h131km

NEIC 25 04:52:56.0.1.8, 3829N-7389E, h130km, 12gkm, mb4.2/1, Error ellipse: s-maj=19.5km s-min=10.8km az=185.0

ISC 25 04:52:55.6.0.4, 3821N.003.7395E.0.07, h134km, 6gkm, n5.3, o1508/63, mb3.5/7, 5C-3D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like KSH, AML, KZA, UCH, ULHL, AAK, EKS, EKS2, KBK, CHCP, CEP, CHMS, TKM2, TKM2, USP, KK31, THW, MK31, MK1, MKAR, DANN, DANN, KURBB, KURK, KURK, KOLN, KGN, KGN, KKN.

Table with columns: DMN, DMN, GUN, JIRN, AB31, BVAO, BVAR, AKT, AKT, AKT, AKTO, AKTO, ZAL, ZAL, ZAL, NVS, ZAK, SONMI, FINES, ARCES, ARCES, NOA, TORD, YKA, YKA, WRA, WRA. Includes station names like Daman, Pulchoki, Gumba, Jiri, Akbulak array, etc.

IDC 25 05:02:52.9.1.9, 4906S-12007E, h0km, mb3.5/4, mb1 3.7/4, mb1 mx3.6/15, mbmp3.5/4, MS3.6/11, Ms1 3.6/11, ms1 mx3.6/17, Error ellipse: s-maj=163.2km s-min=21.9km az=109.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like ASAR, WRA, Vnda, QSPA, SNA, YKA.

ISCBJ 25 05:06:47.9.0.9, 3951N.003.2572E.0.08, h12km, 6gkm, Error ellipse: s-maj=10.5km s-min=4.2km az=177.5

CSEM 25 05:06:49.0.0.2, 3948N.2588E, h2km, MD3.2, Error ellipse: s-maj=5.7km s-min=2.7km az=79.0

DDA 25 05:06:50.0, 3950N-2617E, h17km, 1km, MD3.2

THE 25 05:06:49.4, 3944N-2679E, h16km, ML3.2

ISC 25 05:06:52.0, 3970N.2583E, h5km, MD3.2

ISC 25 05:06:49.0.9, 3951N.003.2575E.0.08, h17km, 5gkm, n20, o093/27, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like BOZC, BOZC, PRK, PRK, EZN, EZN, GAD, GAD, CHOS, CHOS, ENEZ, URLA, URLA, ALN, ALN, RLYC, RLYC, BKC, BKC, SART, SART, BALB, BALB, ALN, MFT, MRMT, EDC, BNT, DPT, EDRB, YLV.

NIED 25 05:08:00, 3690N:137.70E, h8km, Mw3.8 Best double couple: M4.940000:1014 NP1:352.000000:365.000000, 1.48.000000: NP2:237.000000:847.000000:1.145.000000

ISCBJ 25 05:08:14.1.0.6, 3688N.004:137.64E.0.05, h28km, 6gkm, mb3.5/3, Error ellipse: s-maj=8.0km s-min=6.4km

JMA 25 05:08:14.3, 3687N-137.67E, h0km, M4.3 Broadband fault plane solution: P waves, NP1:213.000000:342.000000:111.000000: NP2:5.000000:352.000000:1.72.000000: Principal axes: T Plg75.000000: Azm21.000000: N Plg14.000000: Azm17.000000: P Plg5.000000: Azm10.000000

JMA Felt II J1

IDC 25 05:08:16.3.1.2, 3628N-137.71E, h0km, mb3.5/3, mb1 3.7/3, mb1 mx3.4/20, mbmp3.5/3, MS2.6/1, Ms1 2.6/1, ms1 mx3.3/18 Error ellipse: s-maj=30.0km s-min=9.2km az=146.0

ISC 25 05:08:14.6.0.6, 3686N.004.137.66E.0.05, h12km, 6gkm, n10, o065/15, mb3.5/3, 1C-3D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like JTT, JTT, JAT, JAT, MJAR, JNG, JNG, JSG, JSG, JGN, JGN, KRSR, KRSR, KRSR, SONMI, WRA, ASAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like JMA, NEM2, NEM2, JRA, JRA, JNK, JNK, JAK, JAK, JTR, JTR, JAR, JAR, JJB, JJB, JMB, JMB, JCH, JCH, JEM, JEM, JNBK, JNBK.

NEIC 25 06:19:11.4.0.5, 1284S-16927E, h630km, mb4.3/2, Error ellipse: s-maj=15.5km s-min=11.3km az=141.0

ISCBJ 25 06:19:15.1.2.9, 131S.0.2.169.1E.0.1, h706km, 46gkm, mb3.8/1.0, Error ellipse: s-maj=32.0km s-min=18.1km az=167.1

IDC 25 06:19:15.7.2.3, 1305S-169.14E, h692km, 33gkm, mb3.2/9, mb1 3.4/9, mb1 mx3.2/16, mbmp3.2/9, Error ellipse: s-maj=22.8km s-min=13.8km az=157.0

ISC 25 06:19:15.2.2.9, 1305.02.1692E.01, h666km, 48gkm, n15, o051/13, mb3.9/5, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like URZ, STKA, STKA, WBA, WBA, WRA, WRA, ASAR, ASAR, KAKA, FITZ, MJAR, NVAR, YKA, MKAR, ARCES, ARCES, TORD.

BUI 25 06:32:46.9, 730S-130.71E, h131km, mb5.0, mb5.0

MOS 25 06:32:47.1.0.9, 6433S-130.16E, h67km, mb5.4/15, Error ellipse: s-maj=13.4km s-min=6.5km az=107.7

ISCBJ 25 06:32:53.4.0.2, 660S.003.13029E.0.03, h12km, mb4.0/7.3, Error ellipse: s-maj=4.8km s-min=3.3km az=56.2

NEIC 25 06:32:55.4.0.1, 661S-130.22E, mb5.1/24, Error ellipse: s-maj=7.0km s-min=4.3km az=68.0

NEIC Felt [III] at Waingapu, Indonesia

GCMT 25 06:32:55.3.0.2, 666S-130.36E, h156km, 2km, MW5.1/71, Moment Tensor Solution. s45,c52; s71,c106; Duration: 0 Moment tensor: Scale 1016N; Mr-3.13z; Mw=4.08z; Ms=4.08z; Best double couple: Ms5.291000:1016 NP1:306.000000:326.000000:135.000000: NP2: 5.9840 Plg24.0000: Azm249.0000: N Plg 0.4100, Plg5.0000: Azm347.0000: P-5.4980, Plg59.0000, Azm111.0000: nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

IDC 25 06:32:56.1.0.5, 648S-130.24E, h137km, 4km, mb4.7/15, mb1 4.7/17, mb1 mx4.7/20, mbmp4.7/17, MS3.9/5, Ms1 3.9/5, ms1 mx3.5/18, Error ellipse: s-maj=14.2km s-min=8.5km az=65.0

ISC 25 06:32:55.4.0.2, 660S.003.13028E.0.03, h130km, h130km, 2gkm, p-P, n261, o1515/199, mb4.9/73, 17C-25D, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like AAI, KAKA, KAKA, BATI, BATI, KDI, KDI, MMPI, WSI, KAPI, KAPI, KAPI, JAY, JAY, PCI, FITZ, FITZ, FITZ, WRAB, WRAB, WRAB, WRAB, WRA, WRA, KHKI, KHKI, KMMI, KMMI, TSM, TSM, MYDNI, MYDNI, ASAR, ASAR, ASAR.

Table with columns for station code, name, frequency, and signal strength. Includes stations like SDKM Sandakan, KKM Kota Kinabalu, BSM Bintulu, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like XAN Xian, BJT Baijatuau, BJI Beijing, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like MK31 Makanchi Array, MK31 Makanchi Array, etc.





Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
BIA	Bitola	0.25	1	i/Pg	08 56 47.5 +0.4	Sg
BIA	Bitola	0.25	1	i/Pg	08 56 43.3 -0.4	Sg
BIA	Bitola	0.25	1	i/Pg	08 56 48.0 +1.0	Sg
BIA	comp=E,1μm,0.5s			elg	08 56 48.1	
BIA	comp=N,1μm,0.4s			elg	08 56 48.3	
BIA	Bitola	0.25	1	e/Pg	08 56 43.4 -0.3	Pg
BIA	Bitola	0.25	1	e/Pg	08 56 48.1 +1.0	Pg
BIA	Bitola	0.25	1	e/Pg	08 56 43.3 -0.4	Pg
BIA	Bitola	0.25	1	e/Pg	08 56 48.0 +0.9	Pg
KBN	Korca	0.43	250	e/Pg	08 56 46.4 -0.7	Pg
KBN	Korca	0.43	250	e/Pg	08 56 52.8 0.0	Pg
OHR	Ohrid	0.52	311	e/Pg	08 56 47.4 -1.4	Pg
OHR	Ohrid	0.52	311	e/Pg	08 56 55.7 +0.2	Pg
OHR	Ohrid	0.52	311	e/Pg	08 56 47.4 -1.4	Pg
OHR	Ohrid	0.52	311	e/Pg	08 56 55.7 +0.1	Pg
OHR	Ohrid	0.52	311	e/Pg	08 56 55.9	Pg
OHR	comp=N,1μm,0.6s			elg	08 56 56.0	
OHR	Ohrid	0.52	311	e/Pg	08 56 47.5 -1.3	Pg
OHR	Ohrid	0.52	311	e/Pg	08 56 47.4 -1.4	Pg
OHR	Ohrid	0.52	311	e/Pg	08 56 55.6 0.0	Pg
KZN	Kozani	0.58	143	e/Pg	08 56 52.4 +2.4	Pg
KZN	Kozani	0.58	143	e/Pg	08 57 01.2 +3.6	Pg
KRUS	Krusevo	0.60	355	e/Pg	08 56 59.3 +1.2	Pg
KRUS	Krusevo	0.60	355	e/Pg	08 56 59.8	Pg
KRUS	comp=E,374nm,0.4s			elg	08 57 00.1	
KRUS	comp=N,402nm,0.3s			elg	08 57 00.1	
KRUS	Krusevo	0.60	355	e/Pg	08 56 50.3 0.0	Pg
KRUS	Krusevo	0.60	355	e/Pg	08 56 59.5 +1.4	Pg
KRUS	Krusevo	0.60	355	e/Pg	08 56 50.3 0.0	Pg
KRUS	Krusevo	0.60	355	e/Pg	08 56 59.3 +1.2	Pg
GRG	Griva	0.84	77	e/Pg	08 57 06.5 +0.6	Pg
GRG	Griva	0.84	77	e/Pg	08 57 06.5 +0.6	Pg
MEV	Metsovon	0.99	184	e/Pg	08 56 56.5 -1.3	Pg
MEV	Metsovon	0.99	184	e/Pg	08 57 12.5 +1.9	Pg
VAY	Valandovo	1.09	60	e/Pg	08 56 58.6 -1.1	Pg
VAY	Valandovo	1.09	60	e/Pg	08 57 14.2 +0.2	Pg
VAY	Valandovo	1.09	60	e/Pg	08 56 58.6 -1.3	Pg
VAY	Valandovo	1.09	60	e/Pg	08 57 14.0 0.0	Pg
VAY	Valandovo	1.09	60	e/Pg	08 57 14.2	Pg
VAY	comp=N,108nm,0.4s			elg	08 57 14.4	
VAY	Valandovo	1.09	60	e/Pg	08 56 58.8 -1.0	Pg
VAY	Valandovo	1.09	60	e/Pg	08 57 14.2 +0.2	Pg
VAY	Valandovo	1.09	60	e/Pg	08 56 58.7 -1.1	Pg
VAY	Valandovo	1.09	60	e/Pg	08 57 14.0 0.0	Pg
VAY	Valandovo	1.09	60	e/Pg	08 56 58.4 -1.9	Pg
LIT	Litkhoron	1.12	127	e/Pg	08 57 16.5 +1.7	Pg
LIT	Litkhoron	1.12	127	e/Pg	08 56 58.4 -1.9	Pg
PHP	Peshkopia	1.12	324	e/Pg	08 57 15.3 +0.4	Pg
PHP	Peshkopia	1.12	324	e/Pg	08 57 00.3 -0.2	Pg
STIP	Stip	1.13	35	e/Pg	08 57 18.6 +3.7	Pg
STIP	Stip	1.13	35	e/Pg	08 57 18.8 +3.7	Pg
STIP	Stip	1.13	35	e/Pg	08 57 00.2 +0.2	Pg
STIP	Stip	1.13	35	e/Pg	08 57 18.8 +3.7	Pg
JAN	Janina	1.17	198	e/Pg	08 57 03.8 +2.5	Pg
SKO	Skopje	1.20	4	e/Pg	08 57 01.6 -0.2	Pg
SKO	Skopje	1.20	4	e/Pg	08 57 18.4 +1.0	Pg
SKO	Skopje	1.20	4	e/Pg	08 57 18.4 +1.0	Pg
SKO	Skopje	1.20	4	e/Pg	08 57 18.6	Pg
SKO	Skopje	1.20	4	e/Pg	08 57 18.6	Pg
KNT	Kendrikon	1.26	72	e/Pg	08 57 02.3 -0.6	Pg
KNT	Kendrikon	1.26	72	e/Pg	08 57 20.3 +1.1	Pg
QSH	Qafa e Shtames	1.30	305	e/Pg	08 57 02.6 -0.5	Pg
QSH	Qafa e Shtames	1.30	305	e/Pg	08 57 21.0 +0.4	Pg
THL	Klokotos Trika	1.32	156	e/Pg	08 57 01.9 -2.2	Pg
THL	Klokotos Trika	1.32	156	e/Pg	08 57 22.1 +0.9	Pg
THL	Klokotos Trika	1.32	156	e/Pg	08 57 02.1 +0.9	Pg
THL	Klokotos Trika	1.32	156	e/Pg	08 57 02.1 +0.9	Pg
SRN	Sarande	1.34	229	e/Pg	08 57 03.1 -0.6	Pg
HRT	Horiatits	1.37	97	e/Pg	08 57 04.2 -0.8	Pg
HRT	Horiatits	1.37	97	e/Pg	08 57 23.9 +1.2	Pg
SOK	Sokhos	1.55	88	e/Pg	08 57 06.7 -1.7	Pg
SOK	Sokhos	1.55	88	e/Pg	08 57 27.5 -1.0	Pg
KEK	Kerkira	1.57	228	e/Pg	08 57 00.9 -0.9	Pg
KEK	Kerkira	1.57	228	e/Pg	08 57 30.8 +3.6	Pg
PUK	Puka	1.66	320	e/Pg	08 57 08.7 +0.7	Pg
PUK	Puka	1.66	320	e/Pg	08 57 33.5 +4.1	Pg
PLG	Polygyros	1.67	103	e/Pg	08 57 30.9 +0.1	Pg
PLG	Polygyros	1.67	103	e/Pg	08 57 35.9 +5.1	Pg
PLG	Polygyros	1.67	103	e/Pg	08 57 30.8 +0.5	Pg
PLG	Polygyros	1.67	103	e/Pg	08 57 35.8 +5.0	Pg
KKB	Krupnik	1.72	50	i/P	08 57 09.3 +0.4	Pb
EVV	Evyrtania	1.89	168	e/Pb	08 57 13.1 -0.3	Pb
MMB	Musomiste	1.99	65	e/Pb	08 57 13.5 +0.9	Pb
PAIG	Paliouri	1.99	114	e/Pb	08 57 14.0 -0.8	Pb
PAIG	Paliouri	1.99	114	e/Pb	08 57 36.8 -0.9	Pb
XOR	Xorichti	2.01	134	e/Pb	08 57 12.4 -0.4	Pb
OUR	Ouranopolis	2.08	101	e/Pb	08 57 13.7 -0.1	Pb
VTS	Vitoshka	2.30	37	P	08 57 17.0 +0.1	Pb
TPE	Tepeleina	0.72	224	e/Pg	09 17 50.3 -2.1	Pg
TPE	Tepeleina	0.72	224	e/Pg	09 18 03.5 +1.7	Pg
TIR	Tirane	0.81	312	e/Pg	09 17 54.1 0.0	Pg
PHP	Peshkopia	0.89	349	e/Pg	09 17 55.4 -0.2	Pg
PHP	Peshkopia	0.89	349	e/Pg	09 18 09.3 +2.2	Pg
QSH	Qafa e Shtames	0.91	321	e/Pg	09 18 06.8 -1.1	Pg
QSH	Qafa e Shtames	0.91	321	e/Pg	09 18 06.8 -1.1	Pg
VLO	Vlora	0.95	249	e/Pg	09 17 58.2 +1.3	Pg
VLO	Vlora	0.95	249	e/Pg	09 18 12.5 +3.2	Pg
KZO	Kozani	0.98	121	e/Pg	09 17 56.5 -2.6	Pg
KZO	Kozani	0.98	121	e/Pg	09 18 10.0 -3.4	Pg
KZN	Kozani	0.98	121	e/Pg	09 18 00.6 -1.0	Pg
KZN	Kozani	0.98	121	e/Pg	09 18 13.5 +0.1	Pg
SRN	Sarande	1.06	209	e/Pg	09 18 00.9 +1.9	Pg
SRN	Sarande	1.06	209	e/Pg	09 18 17.5 +4.7	Pg
MEV	Metsovon	1.11	157	e/Pg	09 17 59.5 -0.4	Pg
JAN	Janina	1.17	173	e/Pg	09 18 00.6 -1.0	Pg
JAN	Janina	1.17	173	e/Pg	09 18 18.0 +0.2	Pg
KEK	Kerkira	1.28	211	e/Pg	09 18 03.0 -0.2	Pg
KEK	Kerkira	1.28	211	e/Pg	09 18 21.5 +0.7	Pg
KEK	Kerkira	1.28	211	e/Pg	09 18 02.6 -0.6	Pg
KEK	Kerkira	1.28	211	e/Pg	09 18 03.3 -0.1	Pg
SKO	Skopje	1.29	26	i/Pg	09 18 03.3 -0.1	Pg
SKO	Skopje	1.29	26	i/Pg	09 18 22.2 +2.0	Pg
SKO	Skopje	1.29	26	i/Pg	09 18 03.3 -0.1	Pg
SKO	Skopje	1.29	26	i/Pg	09 18 21.1 +0.9	Pg
SKO	Skopje	1.29	26	i/Pg	09 18 22.0	Pg
SKO	comp=N,2μm,0.3s			elg	09 18 23.8	
SKO	comp=E,2μm,0.5s			elg	09 18 03.3 -0.1	Pg
SKO	Skopje	1.29	26	i/Pg	09 18 22.9 +1.8	Pg
SKO	Skopje	1.29	26	i/Pg	09 18 03.0 -0.4	Pg
SKO	Skopje	1.29	26	i/Pg	09 18 21.1 +0.9	Pg
SKO	Skopje	1.29	26	i/Pg	09 18 22.0 +1.8	Pg
IGT	Igoumenitsa	1.31	191	e/Pg	09 18 04.1 +0.5	Pg
IGT	Igoumenitsa	1.31	191	e/Pg	09 18 24.0 +3.5	Pg
GRG	Griva	1.32	83	e/Pg	09 18 02.0 +1.7	Pg
GRG	Griva	1.32	83	e/Pg	09 18 21.4 +0.3	Pg
GRG	Griva	1.32	83	e/Pg	09 18 02.3 -1.7	Pg
GRG	Griva	1.32	83	e/Pg	09 18 21.4 +0.3	Pg
GRG	Griva	1.32	83	e/Pg	09 18 04.7 +0.5	Pg
PUK	Puka	1.36	335	e/Pg	09 18 26.9 +4.3	Pg
PUK	Puka	1.36	335	e/Pg	09 18 05.1 -1.2	Pg
STIP	Stip	1.44	52	e/Pg	09 18 25.6 +0.6	Pg
STIP	Stip	1.44	52	e/Pg	09 18 05.0 -1.3	Pg
STIP	Stip	1.44	52	e/Pg	09 18 26.5 +1.5	Pg
STIP	Stip	1.44	52	e/Pg	09 18 26.8	Pg
STIP	comp=N,545nm,0.4s			elg	09 18 26.8	
STIP	comp=E,499nm,0.6s			elg	09 18 05.1 -1.2	Pg
STIP	Stip	1.44	52	e/Pg	09 18 05.1 -1.2	Pg
STIP	Stip	1.44	52	e/Pg	09 18 05.1 -1.2	Pg
VAY	Valandovo	1.53	70	i/Pg	09 18 05.5 -2.4	Pg
VAY	Valandovo	1.53	70	i/Pg	09 18 05.5 -2.4	Pg
VAY	Valandovo	1.53	70	i/Pg	09 18 05.5 -2.4	Pg
VAY	Valandovo	1.53	70	i/Pg	09 18 05.5 -2.4	Pg
VAY	Valandovo	1.53	70	i/Pg	09 18 05.5 -2.4	Pg
VAY	comp=N,1μm,0.6s			elg	09 18 30.5	
VAY	Valandovo	1.53	70	i/Pg	09 18 05.5 -2.4	Pg
VAY	Valandovo	1.53	70	i/Pg	09 18 26.6 -1.0	Pg
VAY	Valandovo	1.53	70	i/Pg	09 18 07.0 -1.6	Pg
LIT	Litkhoron	1.56	117	e/Pg	09 18 29.4 +0.6	Pg
LIT	Litkhoron	1.56	117	e/Pg	09 18 08.4 -0.2	Pg
LIT	Litkhoron	1.56	117	e/Pg	09 18 32.2 +3.3	Pg
LIT	Litkhoron	1.56	117	e/Pg	09 18 32.2 +3.3	Pg
LIT	Litkhoron	1.56	117	e/Pg	09 18 32.2 +3.3	Pg
BCI	Bajram Curri	1.61	344	e/Pg	09 18 09.5 +1.7	Pg
BCI	Bajram Curri	1.61	344	e/Pg	09 18 34.1 +5.2	Pg
THL	Klokotos Trika	1.62	140	e/Pg	09 18 07.4 -2.3	Pg
THL	Klokotos Trika	1.62	140	e/Pg	09 18 30.0 +0.9	Pg
THL	Klokotos Trika	1.62	140	e/Pg	09 18 07.3 -0.5	Pg
THL	Klokotos Trika	1.62	140	e/Pg	09 18 30.0 +0.9	Pg
THL	Klokotos Trika	1.62	140	e/Pg	09 18 30.0 +0.9	Pg
THL	Klokotos Trika	1.62	140			





Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like FNA Florina, BIA Bitola, and various other locations.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like MOA Mollin, WTTA Wattenberg, PSZ Piszkesteto, and various other locations.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like KBN Korca, PUK Puka, BCI Bajram Curri, and various other locations.

NEIC 25 09:54:51.4, 2949Sx7527W, h47km, MG4.1(GUC), After GUC

GUC 25 09:54:51.4, 0.2949Sx7527W, h47km, MG4.1, 2C-2D, Off coast of central Chile

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like OVCH Ovalle, TLL Tololo Astrono, LCO Las Campanas, and various other locations.

ISCJB 25 10:00:13.6, 2.0, 64N, 0.1x1275E, 0.2, h62km, 18km, mb3.9/10, Error ellipse: s-maj=30.8km s-min=11.4km

NEIC 25 10:00:14.5, 3.6, 638N, 12748E, h54km, 30km, mb4.4/2, Error ellipse: s-maj=54.9km s-min=9.0km

MAN 25 10:00:22, 623N, 12652E, h15km, h2.7, ML3.6, MS3.6

ISC 25 10:00:14.7, 2.2, 64N, 0.1x1275E, 0.2, h53km, 19km, n21, 0.891/22, mb3.9/10, Philippine Islands region

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like MATI Mati, DAV Davao City (W), KCP Kidapawan, and various other locations.

ISCJB 25 10:07:50.3, 0.6, 3540N, 0.0x14061E, 0.05, h51km, 5km, mb3.5/4, Error ellipse: s-maj=7.7km s-min=5.2km

JMA 25 10:07:50.6, 0.1, 3541N, 14065E, h43km, 2km, M3.1 JMA Feitl J1.

ISC 25 10:07:52.1, 8.1, 3525N, 14041E, h36km, 67km, mb3.3/4, mb1 3.5/5, mb1mx3.2/20, mbtrmp3.2/5, ML3.1/1, MS3.2/2, Ms1 3.2/2, ms1mx2.7/12, Error ellipse: s-maj=44.8km s-min=27.7km az=86.0

ISC 25 10:07:51.4, 0.5, 3540N, 0.0x14059E, 0.05, h38km, 7km, n17, 0.996/25, mb3.5/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like JCN Nagara, KTR Katsura, CHOU Chou, and various other locations.

IDC 25 10:19:12.5, 3.1, 3053S, 17808W, h0km, mb3.5/2, mb1 3.8/3, mb1mx3.6/14, mbtrmp3.6/3, ML3.1/1, Error ellipse: s-maj=71.5km s-min=46.5km az=114.0, Kermadec Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time. Includes stations like URZ Urewera, and various other locations.

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

CSEM 25 10:28:44.8:3.2, 44.11N:2883W, h10km, mb4.1/4, Ms3.2, Error ellipse: s-maj=100.7km s-min=61.6km az=77.0

ISCJB 25 10:28:51.8:1.0, 44.89N:282W, h10km, mb3.8/8, MS3.3/4, Error ellipse: s-maj=29.1km s-min=13.4km az=178.7

IDC 25 10:28:52.8:1.2, 44.49N:2854W, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/26, mbtmp3.7/5, ML3.8/1, MS3.4/14, Ms1 3.4/4, ms1mx3.2/30, Error ellipse: s-maj=36.7km s-min=24.3km az=18.0

NEIC 25 10:28:53.6:0.8, 44.78N:2816W, h10km, mb4.1/4, MS3.4/1, Error ellipse: s-maj=23.8km s-min=10.9km az=179.0

ISC 25 10:28:53.8:1.0, 44.89N:282W, h10km, n34, c055/23, mb3.8/8, MS3.3/14, Northern Mid-Atlantic Ridge

Main table for the first section, listing station data for various codes like ROSF, ESDC, GRR, EKA, LDF, TCF, BGF, AVF, SSF, LOR, MONP, CBX, GLA, etc.

KRSC 25 10:51:50.3:1.5, 4897N:15815E, h30km, 30km, ML3.8, East of Kuril Islands

Table for KRSC 25 10:51:50.3:1.5, listing station data for codes like ALID, MIPR, RUS, GRL, etc.

ISCJB 25 11:08:48.0:1.2, 2887N:004:348E, h1km, gkm, Error ellipse: s-maj=17.9km s-min=6.5km az=178.8

SGS 25 11:08:48.1, 2888N:3478E, h12km, Gll 25 11:08:50.3:0.0, 2893N:3482E, h5km, 2km, ML2.6/2

ISC 25 11:08:48.6:1.2, 2886N:004:348E, h5km, 9km, n10, c0538/14, Egypt

Table for ISC 25 11:08:48.6:1.2, listing station data for codes like HOL5, RSHS, JLOS, etc.

ISCJB 25 11:12:43.0:1.1, 2984N:004:3629E, h06km, Error ellipse: s-maj=7.8km s-min=6.3km az=90.0

SGS 25 11:12:44.1, 3007N:3625E, h10km, Gll 25 11:12:44.0:1.0, 2991N:3618E, h0km, ML2.5/2

ISC 25 11:12:43.0:1.1, 2983N:004:3634E, h06km, n11, c055/17, Western Arabian Peninsula

Table for ISC 25 11:12:43.0:1.1, listing station data for codes like HRFI, EIL, HOL5, etc.

Table for MBH Mount Berech, PRNI Paran, JLOS Paran Flat, etc.

IDC 25 11:32:02.0:1.9, 133N:12615E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.5/15, mbtmp3.7/3, Error ellipse: s-maj=167.3km s-min=24.2km az=65.0, Northern Molucca Sea

Table for WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

ISCJB 25 11:35:28.5:0.4, 3270N:002:11601W, h002, h14km, 3km, Error ellipse: s-maj=2.8km s-min=2.4km az=169.2

ECX 25 11:35:29.7:0.7, 3271N:11607W, h3km, 2km, MD3.3, ML3.3

NEIC 25 11:35:29.5, 3269N:11607W, h9km, ML3.3(PAS), NEIC Fell in the Ocotillo area

ISC 25 11:35:28.0:0.3, 3269N:002:11603W, h02, h12km, 2km, n70, c099/66, 39C-31D, California-Baja California border region

Table for DVTC Desert V Tower, RMX La Rumorosa, CGR Carrizo Plain, etc.

109C Camp Elliot, M, h0km, 0.5km, SNR=159

Table for ENX Ensenada, ENX Pinyon Flat, PFO Pinyon Flat, etc.

112A Yuma, h0km, 1.3km, SNR=16

113A Mohawk Valley, h0km, 1.9km, SNR=20

BELC Belle Mtn, h0km, 1.3km, SNR=58

MURC Murrieta, h0km, 1.3km, SNR=115

Y12C Blythe, h0km, 1.7km, SNR=12

SPX San Pedro Mart, h0km, 1.71km, SNR=163

BBRC Big Bear Sol-O, h0km, 1.73km, SNR=156

113A Mohawk Valley, h0km, 1.9km, SNR=20

BFSC Mount Baldy St, h0km, 2.06km, SNR=2

GMRC Granite Moun, h0km, 2.11km, SNR=8

CIS Catalina Islan, h0km, 2.12km, SNR=38

CIS San Clemente I, h0km, 2.14km, SNR=38

SCI San Clemente I, h0km, 2.15km, SNR=38

HEC Hecator Ludlow, h0km, 2.15km, SNR=353

FMP Fort Macarthur, h0km, 2.15km, SNR=299

Y13A Salome, h0km, 2.16km, SNR=58

PDMCI Parker Dam, Lak, h0km, 2.25km, SNR=44

RRR Edison Barstow, h0km, 2.33km, SNR=340

NEE2 Needles Airpor, h0km, 2.38km, SNR=29

Table for LRMC Laurel Mountai, X14A Yava, 115A Sonoran Desert, etc.

Y15A Casa Rosa Ranc, h0km, 3.34km, SNR=14

W14A Seligman, h0km, 3.51km, SNR=9.8

X15A Humboldt, h0km, 3.64km, SNR=5

V14A Boquillas Ranc, h0km, 3.81km, SNR=18

Y16A Circle Bar Ranc, h0km, 3.99km, SNR=12

X16A Lo Mia Camp, h0km, 4.20km, SNR=12

TPNV Topopah Spring, h0km, 4.25km, SNR=12

W16A Flagstaff, h0km, 4.45km, SNR=11

TUC Tucson, h0km, 4.45km, SNR=11

Y17A Roosevelt, h0km, 4.46km, SNR=11

117A Oracle, h0km, 4.47km, SNR=11

V15A Kaibab Nationa, h0km, 4.47km, SNR=11

WUAZ Wupatki, h0km, 4.58km, SNR=11

X18A Snowflake, h0km, 4.73km, SNR=11

T16A Glen Canyon D, h0km, 5.67km, SNR=7

Y19A Nutrioso, h0km, 5.81km, SNR=7

X19A St. Johns, h0km, 5.89km, SNR=7

RO8A Mina, h0km, 6.03km, SNR=5.8

MVCO Mesa Verde, h0km, 7.65km, SNR=5.8

IDC 25 11:42:17.0:51.0, 1512S:17155W, h0km, mb4.3/3, mb1 4.4/3, mb1mx3.8/16, mbtmp4.3/3, Error ellipse: s-maj=1006.0km s-min=172.7km az=79.0, Samoa Islands region

STKA Stephens Creek, h0km, 45.73km, SNR=11

WRA Warramunga Arr, h0km, 51.65km, SNR=27

ASAR Alice Springs, h0km, 51.90km, SNR=194

IDC 25 11:45:46.3:3.2, 535S:10245E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.7/18, mbtmp3.8/6, MS3.5/1, ms1mx2.6/20, Error ellipse: s-maj=144.9km s-min=19.0km az=55.0, Southern Sumaterra

WRA Warramunga Arr, h0km, 34.23km, SNR=8.3

WRA Alice Springs, h0km, 35.34km, SNR=12

STKA Stephens Creek, h0km, 45.12km, SNR=3.8

SOMN Songo Array, h0km, 53.07km, SNR=6.2

MKAR Makanchi Array, h0km, 54.91km, SNR=17

ZALV Zalesovo Beam, h0km, 60.91km, SNR=6.3

TXAR Lajitas Array, h0km, 145.67km, SNR=20

NEIC 25 11:47:26.0, 4779S:16595E, h12km, ML4.0(WEL), After WEL

WEL 25 11:47:26.0:1.2, 4779S:16595E, h12km, ML4.0/8, Error ellipse: s-maj=11.7km s-min=8.6km az=90.0, Off west coast of South Island

Table for APZ The Paps, APZ Puysegur Point, etc.







Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Al-Radiah, Stephens Creek, Al-Naieem, etc.

ISC 25 14:09:23.8; 1.4, 2438N; 12094E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.5/19, mbtimp3.6/4, ML2.9/1, Error ellipse: s-maj=90.7km s-min=23.5km az=75.0

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

KRSC 25 14:29:32.0; 3.5538N, 16145E, h107km, 37km, ML4.0, Near east coast of Kamchatka Peninsula

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

ISCJTB 25 14:42:23.7; 3.1, 2177N, 008; 14311E, 008, h36km, 33km, m4.6/37, MS4.1/1, Error ellipse: s-maj=13.9km s-min=12.7km az=28.9

MOS 25 14:42:23.3; 1.1, 2178N, 14314E, h33km, mb4.8/17, Error ellipse: s-maj=16.9km s-min=9.0km az=108.4

BUI 25 14:42:23.5; 2201N, 14309E, h16km, mB5.2, mb4.7, Ms4.4, Ms4.1

NEIC 25 14:42:25.1; 0.4, 2176N, 14319E, h35km, mb4.7/17, Error ellipse: s-maj=10.6km s-min=9.8km az=76.0

IDC 25 14:42:40.3; 6.8, 2169N, 14289E, h170km, 63km, mb3.6/11, mb1 3.8/11, mb1mx3.8/19, mbtimp3.6/11, Error ellipse: s-maj=29.4km s-min=13.5km az=78.0

ISC 25 14:42:32.3; 2.2, 2173N, 008; 14310E, 009, h105km, 29km, h35km, 3.1km, pP, n69, s; f02f68, mb4.4/37, 4C-3D, Mariana Islands region

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

ISC 25 14:42:26.8; 2.1, 2174N, 008; 14308E, 006, h73km, 19km, mb4.6/65, Error ellipse: s-maj=9.5km s-min=8.4km az=151.4

BUI 25 14:44:28.5; 2169N, 14340E, h113km, mb4.9, mb4.7 GCMT 25 14:44:30.1; 0.2, 2175N, 14318E, h12km, MW5.0/86, Moment Tensor Solution, s21,c23; s86,c130; Duration: 0

ISC 25 14:49:24.2; 9.7, 2479N, 007; 12195E, 02, h11km, 18km, n7, 0; 841/10, mb3.6/3, Taiwan

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

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

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

ISCJTB 25 14:42:26.8; 2.1, 2174N, 008; 14308E, 006, h73km, 19km, mb4.6/65, Error ellipse: s-maj=9.5km s-min=8.4km az=151.4

BUI 25 14:44:28.5; 2169N, 14340E, h113km, mb4.9, mb4.7 GCMT 25 14:44:30.1; 0.2, 2175N, 14318E, h12km, MW5.0/86, Moment Tensor Solution, s21,c23; s86,c130; Duration: 0

ISC 25 14:49:24.2; 9.7, 2479N, 007; 12195E, 02, h11km, 18km, n7, 0; 841/10, mb3.6/3, Taiwan

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

ISC 25 14:42:26.8; 2.1, 2174N, 008; 14308E, 006, h73km, 19km, mb4.6/65, Error ellipse: s-maj=9.5km s-min=8.4km az=151.4

BUI 25 14:44:28.5; 2169N, 14340E, h113km, mb4.9, mb4.7 GCMT 25 14:44:30.1; 0.2, 2175N, 14318E, h12km, MW5.0/86, Moment Tensor Solution, s21,c23; s86,c130; Duration: 0

ISC 25 14:49:24.2; 9.7, 2479N, 007; 12195E, 02, h11km, 18km, n7, 0; 841/10, mb3.6/3, Taiwan

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





Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MA2 Magadan, ULN Ulaanbaatar, and various other regional stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ARCES ARCESS Array B, B08A Colville Reser, and various other regional stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like R10A Warm Springs, MPMC Manual Prospec, and various other regional stations.

ISCJB 25 15:17.43.0.0.4, 3733N:004.7167E:008, h120km, 14km, mb4.0/2, Error ellipse: s-maj=12.0km s-min=5.3km az=25.8



Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like NWA0 Narrogin (SRO), MUDM Munding, SBA Scott Base, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like HABR Murrieta, MURC Murrieta, Q04C Lincoln, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like GRAC Grapevine Rang, VSP Spence Mountain, J03A Ideyld Park, etc.



Table with multiple columns containing station call signs (e.g., EGAK, LOHW, QLMT), frequencies, and other technical details. The table is organized into several vertical sections, each starting with a call sign or a group of call signs. Each entry typically includes a call sign, a frequency, a time or date, and a status or type of signal. The data is dense and covers a wide range of radio stations and frequencies.



Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like BNI, SFI, RJF, LBL, ORIF, etc.

MOS 25 17:47:26.7±1.0, 24205.0:6713W, h148km, mb5.6/88, MS4.9/13, Error ellipse: s-maj=7.5km s-min=5.0km az=84.6

ISCJB 25 17:47:30.4±0.1, 24175.003:6697W±003, h180km, mb5.5/230, Error ellipse: s-maj=4.5km s-min=3.1km az=31.5

BUI 25 17:47:30.4, 2391S:6761W, h176km, mb5.5 GUC 25 17:47:30.4, 2391S:6754W, h180km, 32km, ML6.0, mb5.6(NEIC), MW5.9(NEIC)

NEIC 25 17:47:31.0±0.1, 24225.6703W, mb5.5/211, MW5.9, Error ellipse: s-maj=4.8km s-min=3.5km az=219.0, Moment Tensor Solution. s52 Moment tensor: Scale 10^17Nm; Mn=-1.78; Mw=3.10; Mxx=4.88; Mxy=0.36; Myz=5.88; Best double couple: M=7.700000±10^17 NP1:0.225, 0.000000, 0.28, 0.000000, λ=19.000000. NP2:0.331, 0.000000, 0.81, 0.000000, λ=117.000000. Principal axes: T 8.4200, P1g31.0000, Azm383.0000; N -1.4100, P1g26.0000; Azm336.0000; P -7.0200, P1g47.0000; Azm214.0000

NEIC Felt [III] at Antofagasta, Chanaral, Copiapo, El Salvador, Mejillones, Sierra Grande, Taltal and Tierra Amarilla, [III] at Huara and Iquique, Chile

GCMT 25 17:47:31.0±0.1, 24335.6736W, h188km, CW8.9/104, Moment Tensor Solution. s103c210; s104c285; Duration: 2s1 Moment tensor: Scale 10^17Nm; Mn=2.75±0.07; Mw=2.34±0.08; Mxx=5.09±0.09; Mxy=3.27±0.06; Mz=0.57±0.08; Myz=6.41±0.06; Best double couple: M=8.463000±10^17 NP1:0.211, 0.000000, 0.22, 0.000000, λ=33.000000. NP2:0.331, 0.000000, 0.78, 0.000000, λ=109.000000. Principal axes: T 9.1220, P1g31.0000, Azm77.0000; N -1.3170, P1g19.0000; Azm335.0000; P -7.8050, P1g53.0000; Azm219.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

IDC 25 17:47:31.2±0.4, 24215.6695W, h179km, 3km, mb5.1/24, mb1.5/230, mb1mx5.2/30, mbtmp5.1/30, MS4.7/10, Ms1.4/7.10, ms1mx4.4/24, Error ellipse: s-maj=8.2km s-min=7.2km az=77.0

LDG 25 17:47:33.7±0.8, 23625.6661W, h182km, Mb5.4/34, MS4.9/10, Error ellipse: s-maj=53.2km s-min=25.5km az=67.0

SZGRF 25 17:47:36.9, 2311S:6658W, h183km, Jujuy Province, Argentina

ISC 25 17:47:31.8±0.1, 24255.003:6694W±003, h182km, 1122C-178D, Salta Province

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like LVC, CEN1, CPN1, ANCH, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like FCH, CLV, SIV, LPA, LPA, LPA, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res. Includes stations like VNA2, SHEL, BRAL, NHSC, etc.

LIC	comp=Z,16nm,0.5s,mb5.1	LR	LR		
TIC	comp=Z,1um,19.8s	67.67 71	eP	P	17 58 09.2 -0.6
HDIL	comp=Z,68nm,1.2s,mb5.0	67.75 342	eP	P	17 58 07.1 -2.5
HDIL KIC	comp=Z,146nm,1.1s,mb5.6	67.78 72	eP	pP	17 58 50.1 -2.5
KIC	Kosan Boka	67.78 72	eP	pP	17 58 09.9 -0.5
HNH	comp=Z,402nm,0.8s,mb5.2	67.80 356	eP	P	17 58 10.4 +0.6
HNH DBIC	comp=Z,109nm,1.3s,mb5.4	67.83 71	eP	pP	17 58 53.4 +0.6
DBIC	comp=Z,133nm,1.0s	67.83 71	S	S	17 58 10.3 +0.4
DBIC	comp=N,5.0nm,1.0s			smax	18 06 54.3 -0.3
DBIC	comp=Z,2um,19.5s			MLR	MLR
DBIC	comp=Z,99nm,0.9s,mb5.3	67.83 71	↑P	P	17 58 09.8 -0.9
DBIC	comp=Z,133nm,1.0s,mb5.6,baz=218,slow=6.8,SNR=81	67.83 71	eP	pP	17 58 52.4 -1.3
DBIC	comp=Z,5.0nm,1.0s,baz=356,slow=19,SNR=4.0	67.83 71	P	P	17 58 10.2 -0.5
DBIC	comp=Z,2um,19.5s,baz=138,slow=35			LR	LR
DBIC	comp=Z,2um,19.5s,baz=138,slow=35			LR	LR
AAM	Ann Arbor	67.99 347	P	P	17 58 10.2 -0.9
AAM	comp=Z,26nm,0.4s,mb5.3			pmax	
AAM	Ann Arbor	67.99 347	eP	P	17 58 09.0 -2.1
AAM	comp=Z,26nm,0.4s,mb5.3			P	
NCB	Newcomb	68.21 354	eP	P	17 58 12.0 -0.4
NCB	comp=Z,36nm,1.1s,mb5.0			P	
LBNH	Lisbon	68.31 356	eP	P	17 58 12.6 -0.4
LBNH	comp=Z,23nm,0.8s,mb5.0			pmax	
LBNH	Lisbon	68.31 356	eP	P	17 58 12.6 -0.4
LBNH	comp=Z,23nm,0.8s,mb5.0			pP	
319A	Douglas	68.56 322	↑P	P	17 58 56.1 +0.1
319A	baz=69,SNR=53			P	17 58 15.4 +0.5
KSU1	Kansas State U	68.66 336	eP	P	17 58 14.8 -1.8
KSU1	comp=Z,149nm,1.0s,mb5.7			P	
KSU1	Lake Ozonia	68.89 354	eP	pP	17 58 16.2 -0.4
KSU1	comp=Z,152nm,1.6s,mb5.5			P	
FRNY	Flat Rock	69.02 355	eP	P	17 58 27.7
FRNY	comp=Z,114nm,1.5s,mb5.4			P	17 58 59.6 -0.1
FRNY	White Tail Can	69.02 322	eP	pP	17 58 18.0 +0.4
FRNY	baz=69,SNR=178			P	
PKME	Peaks-Kenny Pk	69.21 358	eP	P	17 59 00.0 -1.1
PKME	comp=Z,310nm,1.0s,mb5.0			pP	
Y22C	IRIS PASCAL I	69.34 325	↑P	P	17 59 00.6 -1.1
Y22C	comp=Z,310nm,1.0s,mb5.0			P	
218A	Dragon	69.44 322	P	P	17 59 20.0 +1.7
218A	baz=70,SNR=150			P	17 58 20.8 +0.4
119A	Ashpeak Ranch	69.62 323	P	P	17 58 21.8 +0.5
119A	baz=70,SNR=42			P	
217A	Green Valley	69.73 321	P	P	17 58 22.4 +0.3
217A	baz=70,SNR=152			P	
ANMO	Albuquerque	69.79 326	d/P	P	17 58 22.5 +0.1
ANMO	comp=Z,36nm,1.1s,mb5.0			P	17 58 22.2 -0.4
CBKS	Cedar Bluff	69.85 333	eP	P	17 58 22.2 -0.4
CBKS	comp=Z,310nm,1.0s,mb5.0			pmax	
CBKS	Cedar Bluff	69.85 333	eP	P	17 58 22.2 -0.4
CBKS	comp=Z,310nm,1.0s,mb5.0			P	
CBKS	Homack Ranch	69.89 322	P	pP	17 59 05.5 -0.3
CBKS	baz=70,SNR=85			P	17 58 23.4 +0.3
Z19A	T-Link Ranch	69.99 323	P	P	17 58 24.5 +0.8
Z19A	baz=70,SNR=21			P	
CHIE	El Hierro	70.00 45	P	P	17 58 23.2 -0.6
CHIE	comp=Z,74nm,0.9s,mb5.4			P	
TUC	Tucson	70.11 321	eP	pmax	17 58 23.8 -0.6
TUC	comp=Z,123nm,1.3s,mb5.5			P	
TUC	Tucson	70.11 321	eP	P	17 58 23.8 -0.6
TUC	comp=Z,123nm,1.3s,mb5.5			pP	
SCIA	State Center	70.17 339	eP	P	17 59 07.8 +0.1
SCIA	comp=Z,92nm,1.0s,mb5.5			P	17 58 23.1 -1.5
SCIA	Jewell Farm	70.20 342	eP	pP	17 59 06.1 -1.7
SCIA	comp=Z,90nm,0.6s,mb5.7			P	17 58 23.3 -1.4
JFWS	Jewell Farm	70.20 342	eP	P	17 58 23.3 -1.3
JFWS	comp=Z,90nm,0.6s,mb5.7			pP	
JFWS	Geronimo	70.26 322	↑P	P	17 59 06.8 -1.1
JFWS	baz=70,SNR=7.6			P	17 58 25.6 +0.3
216A	Three Points	70.27 321	↑P	P	17 58 25.5 +0.2
216A	baz=70,SNR=34			P	
117A	Oracle	70.28 322	P	P	17 58 25.5 +0.1
117A	baz=70,SNR=81			P	
Y19A	Nutrisio	70.49 324	P	P	17 58 27.7 +1.0
Y19A	baz=71,SNR=153			P	
GLMI	Grayling	70.61 347	eP	P	17 58 25.4 -1.7
GLMI	comp=Z,156nm,1.0s,mb5.7			P	
EHIG	Higuera	70.66 45	P	P	17 58 28.2 +0.4
EHIG	comp=Z,260nm,0.9s,mb5.0			P	
Z17A	San Carlos Hg	70.67 322	↑P	P	17 58 27.9 +0.2
Z17A	baz=71,SNR=12			P	
EGOM	La Gomera	70.78 46	P	P	17 58 28.4 -0.1
EGOM	comp=Z,286nm,0.9s,mb5.0			P	
Y18A	Canyon Day Jun	70.78 323	P	P	17 58 28.8 +0.4
Y18A	baz=71,SNR=10			P	
116A	Eloy	70.82 321	↑P	P	17 58 28.8 +0.2
116A	baz=71,SNR=31			P	
X19A	St. Johns	70.87 324	↑P	P	17 58 29.3 +0.3
X19A	baz=71,SNR=20			P	
Y17A	Roosevelt	71.17 322	↑P	P	17 58 31.3 +0.6
Y17A	baz=71,SNR=91			P	
CCAN	Las Canadas	71.21 46	P	P	17 58 31.4 +0.3
CCAN	comp=Z,50nm,0.8s,mb5.3			P	
115A	Sonoran Desert	71.22 321	P	P	17 58 31.6 +0.5
115A	baz=71,SNR=19			P	
Z16A	Peralta Trail	71.23 322	↑P	P	17 58 31.4 +0.2
Z16A	baz=71,SNR=93			P	
X18A	Snowflake	71.30 324	↑P	P	17 58 32.1 +0.6
X18A	baz=72,SNR=27			P	
W19A	Sanders	71.44 324	↑P	P	17 58 32.7 +0.4
W19A	baz=72,SNR=13			P	
SDCO	Great Sand Dun	71.53 329	eP	P	17 58 33.3 +0.5
SDCO	comp=Z,204nm,1.4s,mb5.7			pP	
SDCO	Roosevelt	71.59 15.5	-0.7	P	17 59 15.5 -0.7
EBAJ	Bajamar	71.60 46	P	P	17 58 33.1 -0.3
EBAJ	comp=Z,156nm,1.2s,mb5.6			P	
Z15A	Gila River Ind	71.61 321	↑P	P	17 58 33.5 +0.1
Z15A	baz=72			P	
W18A	Petrified Fore	71.63 324	↑P	P	17 58 34.0 +0.5
W18A	baz=72,SNR=22			P	
Y16A	Circle Bar Ran	71.66 322	P	P	17 58 34.4 +0.7
Y16A	baz=72,SNR=86			P	
EOSO	Osorio	71.81 47	P	P	17 58 32.9 -1.8
EOSO	comp=Z,631nm,1.4s,mb5.2			P	
X16A	Lo Mia Camp P	72.03 322	P	P	17 58 36.6 +0.7
X16A	baz=72,SNR=66			P	
Z14A	Wintersburg	72.12 321	↑P	P	17 58 36.5 +0.1
Z14A	baz=72,SNR=92			P	
W17A	Winslow	72.12 323	↑P	P	17 58 36.9 +0.5
W17A	baz=72,SNR=12			P	
113A	Mohawk Valley	72.17 320	↑P	P	17 58 36.6 -0.1
113A	baz=72,SNR=11			P	
Y15A	Casa Rosa Ranc	72.20 322	↑P	P	17 58 37.2 +0.3
Y15A	baz=72,SNR=55			P	
112A	Yuma	72.49 319	↑P	P	17 58 38.8 +0.1
112A	baz=73			P	
X15A	Humboldt	72.53 322	P	P	17 58 39.2 +0.1
X15A	baz=73,SNR=65			P	
Y14A	Wickenburg	72.57 321	↑P	P	17 58 39.2 +0.1
Y14A	baz=73,SNR=40			P	
MVCO	Mesa Verde	72.58 326	eP	P	17 58 39.2 +0.2
MVCO	comp=Z,348nm,1.4s,mb5.9			P	
MVCO	Mesa Verde	72.58 326	eP	P	17 58 39.5 +0.5
MVCO	baz=73			P	
W16A	Flagstaff	72.59 323	↑P	P	17 58 40.2 +1.0

WUAZ	Wupatki	72.81 323	eP	P	17 58 41.1 +0.6
WUAZ	comp=Z,116nm,1.4s,mb5.7			pP	
WUAZ	Wupatki	72.81 323	↑P	P	17 59 25.4 +1.3
WUAZ	comp=Z,116nm,1.4s,mb5.7			P	17 58 41.1 +0.7
COWI	Conover	72.86 344	eP	P	17 58 39.4 -1.1
COWI	comp=Z,99nm,1.3s,mb5.0			P	
X14A	Yava	72.89 322	P	P	17 58 41.6 +0.7
X14A	baz=73,SNR=38			P	
ECSD	Sioux Fal	72.93 338	eP	P	17 58 40.0 -1.0
ECSD	comp=Z,138nm,1.2s,mb5.6			P	
ECSD	Salome	72.95 321	eP	pP	17 58 56.9 0.0
ECSD	comp=Z,138nm,1.2s,mb5.6			P	17 59 21.8 -2.7
Y13A	Salome	72.95 321	eP	pP	17 58 41.9 +0.5
Y13A	baz=73,SNR=42			P	
GLA	Glamis	73.00 319	eP	pmax	17 58 41.6 0.0
GLA	comp=Z,221nm,1.4s,mb5.7			P	
GLA	Glamis	73.00 319	eP	P	17 58 41.6 0.0
GLA	comp=Z,221nm,1.4s,mb5.7			pP	
GLA	Glamis	73.00 319	eP	P	17 59 24.1 -1.1
GLA	comp=Z,221nm,1.4s,mb5.7			P	17 58 41.9 +0.3
CFTV	Fuerteventura	73.01 47	P	P	17 58 42.2 +0.3
CFTV	comp=Z,72nm,0.8s,mb5.5			P	
W15A	Williams	73.05 322	↑P	P	17 58 42.9 +1.0
W15A	baz=73,SNR=22			P	
ISCO	Idaho Springs	73.22 330	eP	pmax	17 58 43.2 +0.4
ISCO	comp=Z,116nm,1.2s,mb5.5			P	
ISCO	Idaho Springs	73.22 330	eP	P	17 58 43.2 +0.4
ISCO	comp=Z,116nm,1.2s,mb5.5			pP	
ISCO	SYO	73.30 159	↑P	pP	17 59 26.6 +0.2
ISCO	comp=Z,116nm,1.2s,mb5.5			P	17 58 41.6 -1.3
ISCO	SYO	73.30 159	↑P	pP	17 59 25.8 -0.7
ISCO	comp=Z,116nm,1.2s,mb5.5			P	17 59 39.0
ISCO	SYO	73.30 159	↑X	P	17 58 43.9 +0.5
ISCO	comp=Z,116nm,1.2s,mb5.5			P	
Y12C	Blythe	73.31 320	↑P	P	17 58 43.9 +0.5
Y12C	comp=Z,116nm,1.2s,mb5.5			P	
PV01	Paradox Valley	73.33 327	eP	P	17 58 43.6 +0.2
PV01	baz=74,SNR=27			P	
SMCO	Snowmass	73.36 329	eP	P	17 58 44.2 +0.6
SMCO	comp=Z,184nm,1.1s,mb5.7			pP	
SMCO	Scott Base	73.46 190	eP	pP	17 59 27.0 -0.3
SMCO	comp=Z,184nm,1.1s,mb5.7			P	17 58 44.7 +0.6
SBA	Scott Base	73.46 190	eP	pmax	17 58 44.3 +0.6
SBA	comp=Z,199nm,1.3s,mb5.7			P	
SBA	Scott Base	73.46 190	eP	P	17 58 44.3 +0.6
SBA	comp=Z,199nm,1.3s,mb5.7			P	
V15A	Kalbar Nationa	73.47 323	P	P	17 58 45.5 +1.1
V15A	baz=74,SNR=42			P	
PDMCI	Parker Dam,Lak	73.48 321	P	P	17 58 44.7 +0.2
PDMCI	baz=74,SNR=8.4			P	
DVTC	Desert V Tower	73.49 318	P	P	17 58 45.1 +0.6
DVTC	comp=Z,116nm,1.2s,mb5.5			P	
SWSC	Sam W. Stewart	73.50 319	P	P	17 58 44.9 +0.3
SWSC	baz=74,SNR=16			P	
X13A	Yucca	73.51 321	P	P	17 58 45.1 +0.5
X13A	baz=74,SNR=52			P	
W14A	Seligman	73.53 322	P	P	17 58 45.7 +0.9
W14A	baz=74,SNR=34			P	
PV10	Paradox Valley	73.75 327	eP	P	17 58 45.6 -0.3
PV10	baz=74,SNR=36			P	
BC3	Big Chucok Mtn	73.79 319	eP	P	17 58 46.7 +0.4
BC3	comp=Z,116nm,1.2s,mb5.5			P	
EFAM	Famara	73.84 47	P	P	17 58 46.2 -0.4
EFAM	comp=Z,444nm,1.3s,mb6.0			P	
MONP	Monument Peak	73.84 318	P	P	17 58 47.1 +0.5
MONP	baz=74,SNR=36			P	
V14A	Boquillas Ranc	73.85 322	P	P	17 58 47.6 +1.1
V14A	baz=74,SNR=90			P	
W13A	Hualapai Mount	73.91 321	↑P	P	17 58 47.6 +0.7
W13A	baz=74,SNR=41			P	
IRM	Iron Canyon	73.97 320	↑P	P	17 58 47.6 +0.3
IRM	baz=74,SNR=45			P	
T16A	Glen Canyon Da	73.97 324	↑P	P	17 58 48.0 +0.

012A	Currie	78.10 325	↑P	P	17 59 10.8 +0.3
AHID	Auburn Hatchers	78.12 328	↑P	P	17 59 10.3 -0.1
AHID	Comp-Z,166nm,1.0s,mb5.6			pP	17 59 53.7 -1.0
P11A	Circle Ranch,	78.13 324	↑P	P	17 59 11.4 +0.7
MTUM	Tungsten Hills	78.18 320	↑P	P	17 59 11.1 +0.1
HVU	Hansel Valley	78.19 327	↑P	P	17 59 10.6 -0.4
HVU	Comp-Z,114nm,1.1s,mb5.4			pP	17 59 10.6 -0.4
HVU	Hansel Valley	78.19 327	↑P	P	17 59 10.6 -0.4
HVU	Comp-Z,114nm,1.1s,mb5.4			pP	17 59 57.0 +1.9
N13A	Wendover, West	78.25 325	↑P	P	17 59 11.2 0.0
M14A	Sheep Mountain	78.28 326	P	P	17 59 11.7 +0.2
Q09A	Carvers	78.41 322	P	P	17 59 12.8 +0.6
V04C	Ramage Ranch,	78.41 318	↑P	P	17 59 12.8 +0.5
P0K	Parkfield	78.41 318	↑P	P	17 59 12.3 0.0
REDW	Red Top Meadow	78.45 329	↑P	P	17 59 12.3 -0.1
REDW	Comp-Z,212nm,1.3s,mb5.6			pP	17 59 55.8 -0.7
ULM	Lac du Bonnet	78.48 342	↑P	P	17 59 11.2 -1.1
ULM	Comp-Z,166nm,1.4s,mb5.5			pP	17 59 54.1 -2.4
ULM	Lac du Bonnet	78.48 342	↑P	P	17 59 11.3 -0.9
ULM	Comp-Z,249nm,0.7s,mb5.2,baz=156,slow=6.1,SNR=69			pP	17 59 55.1 -1.4
SNOW	Snow King Moun	78.48 329	eP	P	17 59 12.6 +0.1
SNOW	Comp-Z,14nm,1.0s,mb5.5			pP	17 59 13.2 +0.6
O11A	Cowboy Ranch,	78.49 324	P	P	17 59 12.8 0.0
LOHW	Long Hollow	78.53 329	↑P	P	17 59 12.8 0.0
LOHW	Comp-Z,192nm,1.3s,mb5.6			pP	17 59 57.5 +0.6
MLAC	Mammoth Lakes	78.53 320	↑P	P	17 59 13.5 +0.6
P10A	Eureka	78.56 323	↑P	P	17 59 13.9 +0.8
M13A	Montello	78.59 326	↑P	P	17 59 13.1 -0.1
TPAW	Teton Pass	78.60 329	↑P	P	17 59 13.3 +0.2
TPAW	Comp-Z,139nm,1.1s,mb5.5			pP	17 59 57.5 +0.2
R08A	Mina	78.60 321	↑P	P	17 59 13.7 +0.4
KCC	Kaiser Creek	78.60 320	P	P	17 59 13.0 -0.3
T06C	Millerton Lake	78.62 319	P	P	17 59 12.3 -1.1
N12A	Clover Valley,	78.68 325	P	P	17 59 13.8 +0.2
SCHO	Schefferville	78.75 0	P	P	17 59 13.1 -0.6
SCHO	Comp-Z,14nm,0.4s,mb4.9,baz=180,slow=3.7,SNR=55			pP	17 59 57.0 -0.9
NVAR	Mina Array Bea	78.77 321	P	P	17 59 14.4 +0.3
NVAR	Comp-Z,25nm,1.0s,baz=189,slow=1.5,SNR=2.3			pP	17 59 58.0 -0.4
NVAR	Mina Array Bea	78.77 321	P	P	17 59 14.4 +0.3
NVAR	Comp-Z,29nm,1.0s,mb4.9,baz=156,slow=7.1,SNR=137			pP	17 59 58.0 -0.4
NVAR	Comp-Z,12nm,1.1s,baz=138,slow=11,SNR=1.9			pP	18 18 08.3 -0.6
DCID1	Drake Creek	78.79 329	eP	P	17 59 14.1 -0.1
U04C	Hernandez Rese	78.84 318	P	P	17 59 14.9 +0.3
Q08A	Gabbs	78.85 322	P	P	17 59 14.8 +0.2
P09A	Austin	78.89 323	↑P	P	17 59 15.1 +0.3
V03C	Hunter Liggett	78.89 318	P	P	17 59 15.6 +0.7
IMW	Indian Meadow	78.90 329	↑P	P	17 59 14.0 -0.8
IMW	Comp-Z,169nm,1.1s,mb5.6			pP	17 59 58.5 -0.5
FLWY	Flagg Ranch,	78.93 329	↑P	P	17 59 15.6 +0.7
R07C	Lee Vining	78.96 321	↑P	P	17 59 16.1 +0.8
K14A	Jones Ranch, D	78.96 327	↑P	P	17 59 15.1 0.0
L13A	Double Diamond	79.01 326	↑P	P	17 59 16.0 +0.5
M12A	Wells	79.02 325	↑P	P	17 59 15.7 +0.2
N11A	Elko Archery C	79.02 324	↑P	P	17 59 15.7 +0.2
LAO	LASA Tray	79.04 334	↑P	P	17 59 15.1 -0.4
LAO	Comp-Z,158nm,1.0s,mb5.6			pP	17 59 60.0 +0.3
O10A	Cortez Mining,	79.06 324	↑P	P	17 59 16.1 +0.4
RLMT	Red Lodge	79.09 331	↑P	P	17 59 16.0 +0.3
RLMT	Comp-Z,182nm,1.4s,mb5.5			pP	17 59 59.6 -0.4
T05C	Eagle Field, D	79.12 319	↑P	P	17 59 16.4 +0.3
LKWY	Lake	79.16 330	P	P	17 59 18.2 +2.0
LKWY	Comp-Z,130nm,1.4s,mb5.4			pP	17 59 17.9 +1.7
LKWY	Lake	79.16 330	eP	P	17 59 16.8 +0.2
S05C	Merced	79.21 319	↑P	P	17 59 18.2 +1.4
YFT	Old Faithful	79.28 330	eP	P	17 59 17.2 +0.2
M06C	San Francisco	79.29 320	P	P	17 59 17.0 -0.3
O09A	Fish Creek Ran	79.35 323	P	P	17 59 17.6 +0.3
N10A	Dunphy	79.36 324	↑P	P	17 59 18.3 +0.7
Q07A	Schurz	79.40 321	↑P	P	17 59 18.8 +0.7
R06C	Coleville	79.49 321	P	P	17 59 18.7 +0.7
M11A	Holland Ranch,	79.49 325	P	P	17 59 18.4 +0.4
K13A	Stover Farm, H	79.49 327	↑P	P	17 59 18.0 -0.2
SAO	San Andreas Ge	79.50 318	P	P	17 59 17.4 -0.8
SAO	Comp-Z,56nm,1.3s,mb5.0			pP	17 59 18.4 +0.4
SAO	San Andreas Ge	79.50 318	eP	P	18 00 01.9 -0.4
YMR	Madison River	79.50 330	eP	P	17 59 18.6 +0.4
YMR	Comp-Z,411nm,1.3s,mb5.9			pP	17 59 18.1 -0.3
P08A	Dixie Valley	79.51 322	↑P	P	17 59 17.6 +0.8
BMN	Battle Mountain	79.55 323	P	P	17 59 17.8 -0.2
BMN	Comp-Z,42nm,1.1s,mb5.0			pP	17 59 19.1 +0.2
BMN	Battle Mountain	79.55 323	eP	P	17 59 19.3 +0.7
PACF	Pacheco Peak	79.56 319	↑P	P	17 59 19.0 -0.3
L12A	House Creek Ra	79.60 326	P	P	17 59 17.6 -0.5
CMB	Columbia Colle	79.71 320	P	P	17 59 19.1 -0.2
CMB	Comp-Z,98nm,1.6s,mb5.2			pP	17 59 19.1 +0.1
CMB	Columbia Colle	79.71 320	↑P	P	18 00 02.6 -0.8
CGMT	Greycliff	79.78 331	eP	P	17 59 19.7 +0.2
QLMT	Earthquake Lak	79.84 330	eP	P	17 59 20.6 +0.8
P07A	Fallon	79.86 322	↑P	P	17 59 21.1 +0.9
K12A	Draper Farm, C	79.90 326	P	P	17 59 20.5 +0.1
S04C	Ingram Canyon,	79.92 319	P	P	17 59 20.9 +0.4
M10A	IL Ranch, Tu	79.95 324	P	P	17 59 20.9 +0.4

008A	Rochester Mine	79.96 323	↑P	P	17 59 20.4 -0.2
R05C	Kirkwood Meado	79.97 321	P	P	17 59 21.3 +0.6
L11A	Cat Creek Ranc	80.00 325	P	P	17 59 21.3 +0.6
N09A	Rock Creek Ran	80.01 323	↑P	P	17 59 20.3 -0.5
J13A	Cove Ranch, Pi	80.09 327	P	P	17 59 21.9 +0.7
R04C	Big Horse Ranch	80.18 320	P	P	17 59 22.0 +0.2
BNLO	Ben Lomond (Sa	80.18 318	↑P	P	17 59 21.8 0.0
WCN	Washoe City	80.19 321	P	P	17 59 22.4 +0.6
WENL	Wente Brothers	80.25 319	↑P	P	17 59 22.6 +0.4
PAHR	Pah Rah Range	80.25 322	eP	P	17 59 22.4 +0.2
PAHR	Comp-Z,225nm,1.1s,mb5.7			pP	18 00 06.1 -0.4
N08A	GE Springer Mi	80.29 323	P	P	17 59 21.8 -0.5
L10A	Juniper Basin	80.31 325	P	P	17 59 22.9 +0.5
HLID	Hailey	80.33 327	eP	P	17 59 23.1 +0.6
HLID	Comp-Z,188nm,1.0s,mb5.7			pP	18 00 05.8 -1.0
HLID	Hailey	80.33 327	eP	P	18 00 23.2 -5.1
HLID	Comp-Z,188nm,1.0s,mb5.7			pP	17 59 23.4 +1.0
M09A	Marre Ranch	80.36 324	P	P	17 59 22.9 +0.2
L07A	Lava Cap Winer	80.39 320	P	P	17 59 22.8 -0.1
JRSC	Jasper Ridge	80.40 318	↑P	P	17 59 22.9 -0.1
I13A	Wildhorse Cree	80.44 327	P	P	17 59 24.1 +1.0
J12A	Stokes Ranch,	80.44 326	P	P	17 59 23.6 +0.5
MCMT	McKenzie Canyo	80.50 329	eP	P	17 59 24.3 +0.9
MCMT	Comp-Z,14nm,1.0s,mb5.6			pP	18 00 08.7 +0.9
P06A	Stead Airport,	80.52 321	↑P	P	17 59 23.9 +0.3
BDM	Black Diamond	80.53 319	↑P	P	17 59 24.1 +0.4
BOZ	Bozeman (W)	80.55 330	↑P	P	17 59 23.2 -0.4
BOZ	Comp-Z,58nm,1.4s,mb5.0			pP	17 59 23.2 -0.4
BOZ	Bozeman (W)	80.55 330	↑P	P	18 00 06.9 -1.1
BOZ	Comp-Z,58nm,1.4s,mb5.0			pP	17 59 23.4 -0.2
BOSA	Boshof	80.57 117	P	P	17 59 24.5 +0.2
BOSA	Comp-Z,112nm,0.9s,mb5.5			pP	17 59 24.3 0.0
BOSA	Boshof	80.57 117	↑P	P	17 59 24.5 +0.2
BOSA	Comp-Z,148nm,1.0s,mb5.6			pP	17 59 24.1 +0.3
K11A	Parker Ranch,	80.57 326	↑P	P	17 59 24.1 +0.3
G15A	DHR	80.59 329	P	P	17 59 24.1 +0.3
P05C	Yuba Gap, Truc	80.68 321	P	P	17 59 24.9 +0.5
N07B	Gerlach	80.75 323	P	P	17 59 23.8 -1.0
DLMT	Dillon	80.78 329	↑P	P	17 59 25.1 +0.3
DLMT	Comp-Z,171nm,1.3s,mb5.5			pP	18 00 09.3 +0.1
O06A	Flanigan	80.81 322	↑P	P	17 59 25.2 0.0
Q04C	Lincoln	80.82 320	↑P	P	17 59 25.6 +0.3
M08A	Happy Creek Ra	80.89 323	P	P	17 59 25.5 0.0
L09A	Wilkinson Ranc	80.90 324	↑P	P	17 59 25.6 +0.1
BEKR	Beckwourth	80.91 321	P	P	17 59 26.0 +0.3
MFID	Camas Ranch	80.93 326	P	P	17 59 26.1 +0.5
H13A	Challis	80.98 328	P	P	17 59 26.7 +0.8
K10A	Meadow Lake	81.01 325	P	P	17 59 26.2 +0.1
FARB	Farallon Islan	81.05 318	↑P	P	17 59 26.2 -0.3
Q03C	Wires	81.06 319	↑P	P	17 59 27.2 +0.7
F15A	Butte	81.09 330	P	P	17 59 26.9 +0.5
CVS	Carment Viney	81.14 319	↑P	P	17 59 26.6 -0.4
MAW	Mawson	81.18 163	↑P	P	17 59 26.9 +0.1
MAW	Comp-Z,78nm,1.2s,mb5.2			pP	17 59 27.1 +0.3
MAW	Mawson	81.18 163	P	P	18 34 33.0
MAW	Comp-Z,76nm,0.9s			MLR	17 59 27.1 +0.4
N06A	Buffalo Meadow	81.21 322	P	P	17 59 27.4 +0.2
OHCMM	Honcut	81.21 320	eP	P	17 59 26.8 -0.5
H12A	Diamond D Ranc	81.26 328	P	P	18 00 12.6 +0.9
MCCM	Marconi Confer	81.26 319	eP	P	17 59 27.9 +0.6
MCCM	Comp-Z,367nm,1.8s,mb5.7			pP	17 59 26.8 -0.7
M07A	Soldier Meadow	81.28 323	P	P	17 59 27.3 -0.3
O05C	Quincy	81.30 321	↑P	P	17 59 27.7 +0.2
SUTB	Sutter Butte	81.32 320	↑P	P	17 59 27.9 +0.2
NSHM	Saint Helena R	81.34 319	eP	P	17 59 27.3 -0.5
I11A	Placerville	81.35 327	↑P	P	17 59 27.8 -0.2
G13A	Colball	81.36 328	P	P	18 00 11.0 -1.4
ORV	Oroville	81.36 320	P	P	17 59 27.8 -0.1
L08A	Fields	81.38 324	P	P	17 59 28.0 0.0
K09A	Rome	81.40 325	P	P	17 59 28.1 0.0
J10A	Berg Farm, Mel	81.42 326	↑P	P	17 59 28.3 +0.1
HRY	Holter Researc	81.45 331	eP	P	17 59 27.9 -0.3
HRY	Comp-Z,18nm,0.7s,mb4.9			pP	17 59 28.5 +0.1
MNRC	McLaughlin Nat	81.48 319	↑P	P	17 59 28.6 -0.1
F14A	Wisom	81.48 329	P	P	18 00 13.4 +0.6
EGMT	Eagleton	81.56 333	↑P	P	17 59 29.4 +0.9
EGMT	Comp-Z,142nm,1.1s,mb5.5			pP	17 59 28.1 -0.7
EGMT	Eagleton	81.56 333	↑P	P	18 00 12.7 -0.6
E15A	Deer Lodge	81.60 330	P	P	17 59 28.5 -0.4
ELFS	Eagle Lake Fie	81.62 322	P	P	17 59 29.5 +0.4
O04C	Chester	81.63 321	↑P	P	17 59 29.7 +0.3
WVOR	Wild Horse Val	81.70 324	P	P	17 59 29.2 -0.3
WVOR	Comp-Z,94nm,1.6s,mb5.2			pP	17 59 29.5 -0.3
WVOR	Wild Horse Val	81.70 324	eP	P	17 59 28.9 -0.9
L07A	Adell	81.80 323	P	P	17 59 30.9 +0.6
K08A	Mann Creek Ran	81.83 324	P	P	17 59 30.5 +0.1
J09A	Fry Pan Ranch,	81.87 325	P	P	17 59 30.6 0.0
M06C	Likely Place G	81.88 322	↑P	P	17 59 30.8 +0.1

I10A	Payette	81.90 326	↑P	P	17 59 31.0 +0.2
HOPS	Hopland	81.92 319	↑P	P	17 59 31.2 +0.1
H11A	Donnelly	81.94 327	P	P	17 59 31.1 +0.2
O03C	Acorn Hollow,	81.96 320	↑P	P	17 59 30.0 -1.2
E14A	Clinton	81.99 330	↑P	P	17 59 31.6 +0.4
GASB	Alder Springs	82.14 320	↑P	P	17 59 32.6 +0.4
MDT	Midway	82.1			



SMF	Signal de Mont	95.11	41	eP	P	18 00 33.5 -0.5	CDF	comp=Z,15nm,1.1s,mb5.3	98.00	40	eP	P	18 00 46.7 -0.3	CLL			ePKKPbc	18 17 49.7		
SMF	Signal de Mont	95.11	41	eP	P	18 00 33.5 -0.5	CDF	comp=Z,15nm,1.1s,mb5.3	98.00	40	eP	P	18 00 46.7 -0.3	CLL			eSS	18 19 49.1 +0.9		
SMF	Signal de Mont	95.11	41	eP	P	18 00 33.5 -0.5	CDF	comp=Z,15nm,1.1s,mb5.3	98.00	40	eP	P	18 00 46.7 -0.3	CLL			eSS	18 19 50.6 +2.5		
SSF	Saint Saulge	95.12	40	eP	P	18 00 33.6 -0.4	FELD	comp=Z,15nm,1.1s,mb5.3	98.18	41	eP	P	18 00 47.9 0.0	CLL	Collm	102.58	39	ePdif	18 01 09.0 +1.4	
SSF	Saint Saulge	95.12	40	eP	P	18 00 33.6 -0.4	EEN	Eben Enael	98.19	38	P	P	18 00 49.2 +1.3	CLL	comp=Z,6.0nm,0.9s		iPdif	18 01 53.8		
SSF	Saint Saulge	95.12	40	eP	P	18 00 33.6 -0.4	MEM	Membach	98.29	38	P	P	18 01 34.0 +0.7	CLL	comp=Z,46nm,2.0s		ePP	18 05 18.0 -5.2		
SSF	Saint Saulge	95.12	40	eP	P	18 00 33.6 -0.4	MEM	Membach	98.29	38	P	P	18 01 34.0 +0.7	CLL	comp=Z,25nm,1.8s		ePP	18 05 59.0		
SSF	Saint Saulge	95.12	40	eP	P	18 00 33.6 -0.4	HGN	Heimansgroeve	98.32	38f	eP	P	18 01 33.7 0.0	CLL			eSKSac	18 11 35.0 +5.8		
SSF	Saint Saulge	95.12	40	eP	P	18 00 33.6 -0.4	HGN	Heimansgroeve	98.32	38	eP	P	18 01 33.7 0.0	CLL			eSdif	18 12 42.0 +5.7		
LMR	La Moure	95.14	45	eP	P	18 00 33.8 -0.4	RUP	Ruppelstein	98.47	39	eP	P	18 00 49.2 +0.1	CLL			eSP	18 14 08.0 -3.4		
LMR	La Moure	95.14	45	eP	P	18 00 33.8 -0.4	BFO	Black Forest	98.58	41	eP	P	18 00 47.2 -2.0	CLL			eSPP	18 15 10.0		
LMR	La Moure	95.14	45	eP	P	18 00 33.8 -0.4	BFO	Black Forest	98.58	41	eP	P	18 01 33.4 -0.4	CLL			ePPS	18 15 27.0		
LMR	La Moure	95.14	45	eP	P	18 00 33.8 -0.4	BFO	Black Forest	98.58	41	eP	P	18 01 33.4 -0.4	CLL			eSS	18 19 50.0 +1.9		
LMR	La Moure	95.14	45	eP	P	18 00 33.8 -0.4	BFO	Black Forest	98.58	41	eP	P	18 01 33.4 -0.4	CLL			ex	18 22 18.0		
LMR	La Moure	95.14	45	eP	P	18 00 33.8 -0.4	BFO	Black Forest	98.58	41	eP	P	18 01 33.4 -0.4	CLL			LMv	18 47 00.0		
FRF	La Foret Royal	95.33	44	eP	P	18 00 34.6 -0.5	SPAK	Spaichingen-Ko	98.75	41	eP	P	18 00 52.4 +2.0	MUD	comp=Z,500nm,18.7s	Monsted U'grnd	102.59	34	iP	18 01 51.4
FRF	La Foret Royal	95.33	44	eP	P	18 00 34.6 -0.5	DAVA	Damuels	99.06	42	iP	P	18 00 52.6 +0.9	MUD			iS	18 11 35.4 +6.4		
FRF	La Foret Royal	95.33	44	eP	P	18 00 34.6 -0.5	AQU	L'Aquila	99.24	48	eP	Pdfif	18 00 51.5 -1.3	MUD			i	18 12 39.2		
FRF	La Foret Royal	95.33	44	eP	P	18 00 34.6 -0.5	WTSB	Winterswijk	99.36	37f	eP	P	18 01 38.1 -0.4	MUD			i	18 14 16.9		
FRF	La Foret Royal	95.33	44	eP	P	18 00 34.6 -0.5	BUG	Bochum-Union	99.38	38	eP	Pdfif	18 00 53.5 +0.1	MUD	comp=Z,360nm,18.0s	Bergliesshubel	102.96	40	eP	18 01 11.6 +2.3
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	BUG	Bochum-Union	99.38	38	eP	Pdfif	18 01 38.9 +0.2	MUD					18 11 37.0	
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	FETA	Feichten	99.47	43f	iP	Pdfif	18 00 54.0 +0.3	MUD					18 19 53.0 -0.4	
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	CTI	Castel Tesino	99.63	44	P	Pdfif	18 00 54.9 +0.4	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	RETA	Reutte	99.69	42	iP	Pdfif	18 00 55.1 +0.4	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP	Pdfif	18 00 55.6 +0.2	MUD						
LOR	Lormes	95.43	40	eP	P	18 00 35.0 -0.4	MOTA	Moosalm	99.84	42f	iP									





Table with columns: Station Name, SNR, Az, El, Phase, ID, Time, Res. Includes stations like KAPI Kappang, HBR Khabarovsk, PTH Hithoragarh, etc.

Table with columns: Station Name, SNR, Az, El, Phase, ID, Time, Res. Includes stations like HHC HHC, DL2 DL2, BJL BJL, CHG Chiang Mai, etc.

Table with columns: Station Name, SNR, Az, El, Phase, ID, Time, Res. Includes stations like MFT Murette, TKR Tekirdag, EDRB Edirne, etc.

ISK 25 18:16:46.9, 4047N-2580E, h11km, MD2.9
ISCJB 25 18:16:47.0-7.0, 4047N-004-2585E-0.06, h11km, 7km,
Error ellipse: s-maj=8.3km s-min=6.4km az=41.9
CSEM 25 18:16:47.2-0.2, 4046N-2585E, h12km, MD2.9, Error
ellipse: s-maj=5.8km s-min=2.5km az=107.0
ATH 25 18:16:54.7, 4080N-2534E, h10km, MD3.1/3
ISC 25 18:16:47.8-0.7, 4047N-005-2581E-0.06, h12km, 6km, n13,
e:057116, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like MVCO, INK, TTA, etc.

ISCJB 25 18:47:53.0, 8.3652N, 0.005, 706E.01, h33km, Error ellipse: s-maj=15.1km s-min=6.9km az=167.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like CEP, THW, AML, etc.

ISCJB 25 19:04:04.8, 4.177N, 7954E, h11km, ML3.3, Error ellipse: s-maj=2.6km s-min=2.9km az=149.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like ULHL, TKM2, TKM2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like UCH, AAK, KSH, etc.

ISCJB 25 19:10:43.5, 0.3, 4307N, 0.002, 2085E, 0.02, h5km, 3km, Error ellipse: s-maj=2.5km s-min=2.5km az=174.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like SJES, IVA, BARS, etc.

ISCJB 25 19:10:44.8, 0.3, 4306N, 0.001, 2086E, 0.02, h5km, 2km, n81, Error ellipse: s-maj=2.5km s-min=2.5km az=174.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like VTS, VTS, HCY, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like MOA, AQU, AQU, etc.

HEL 25 19:23:04.9, 0.9, 6772N, 3433E, h0km, ML2.1, ML2.5(NAO), Explosion

NAO 25 19:23:04.3, 1.5, 6773N, 3421E, ML2.5, Error ellipse: s-maj=4.4km s-min=13.5km az=77.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like APAA, APAA, APAA, etc.

ISC 25 19:10:44.8, 0.3, 4306N, 0.001, 2086E, 0.02, h5km, 2km, n81, Error ellipse: s-maj=2.5km s-min=2.5km az=174.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like KEV, ARAO, ARAO, etc.

ISCJB 25 20:00:44.8, 0.4, 831N, 0.003, 105.12W, 0.05, h0km, mb4.0/4, Error ellipse: s-maj=4.9km s-min=3.8km az=17.5

NEIC 25 20:00:47.3, 0.4, 4382N, 105.19W, h0km, ML3.5, Error ellipse: s-maj=5.9km s-min=4.2km az=134.0, Suspected Mining explosion.

NEIC 60 km [35 miles] SSE of Gillette, Error ellipse: s-maj=4.7km s-min=4.7km az=110.0, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like RSSD, PHWY, PHWY, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like M15A, E15A, SPUT, etc.

NEIC 25:20:04:30.5, 3742N-11853W, h9km, ML3.4(NCEDC), After NCEDC.

ISC/JB 25:20:04:31.3±0.2, 3740N±0.01±11855W±0.02, h10km, Error ellipse: s-maj=2.0km s-min=1.8km az=167.5

ISC 25:20:04:31.0±0.2, 3740N±0.1±11854W±0.02, h10km, n57, ±1510/93, 36C-25D, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like MTUM, S08C, S08C, etc.

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

ISC 25:20:22:20.9±0.9, 981N-5727E, h0km, mb3.7/11, mb1 3.9/11, mb1mx3.7/21, mbtmp3.7/11, MS2.9/1, Ms1 2.9/1, ms1mx2.1/22, Error ellipse: s-maj=23.4km s-min=22.2km az=169.0, Carlsberg Ridge

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like KMB0, AKTO, MKAR, etc.

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

JMA 25:20:45:35.0±3.2, 4342N-14735E, h35km±5km, M3.6, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other station-specific data. Includes stations like NEM2, NEM2, JRA, etc.

IDC 25:20:51:36.1±3.9, 362S-13590E, h0km, mb3.2/2, mb1 3.4/3, mb1mx3.3/12, mbtmp3.2/3, ML2.8/1, Error ellipse: s-maj=181.8km s-min=30.3km az=80.0, Irian Jaya region

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

ISC 25:22:01:11.0±0.8, 4640N±0.04±131E±0.07, h10km, n5, ±0540/10, 2C-1D, Austria

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

IDC 25:22:22:53.9±1.2, 585S-12417E, h0km, mb4.0/4, mb1 4.2/6, mb1mx3.9/17, mbtmp4.1/6, ML4.0/2, MS3.0/2, Ms1 3.0/2, ms1mx2.7/26, Error ellipse: s-maj=49.4km s-min=20.3km az=63.0

ISC/JB 25:22:22:54.0±0.7, 629S±0.08±1241E±0.1, h33km, mb4.0/4, Error ellipse: s-maj=19.7km s-min=7.8km az=149.5

NEIC 25:22:22:56.6±0.7, 614S±12427E, h35km, mb4.0/3, Error ellipse: s-maj=21.3km s-min=10.1km az=50.0

ISC 25:22:22:56.8±0.7, 618S±0.07±1242E±0.1, h35km, n18, ±1936/21, mb4.0/4, Banda Sea

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

ISC 25:22:25:44.7±1.8, 597S±12417E, h0km, mb4.0/1, mb1 3.7/4, mb1mx3.5/17, mbtmp3.6/4, ML3.3/2, Error ellipse: s-maj=72.1km s-min=27.3km az=50.0, Banda Sea

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

ISC/JB 25:22:29:50.8±0.7, 3986S±0.08±160E±0.2, h10km, mb4.0/4, MS2.9/2, Error ellipse: s-maj=24.2km s-min=6.0km az=24.8

IDC 25:22:29:51.6±0.8, 3995S±1555E, h0km, mb3.9/5, mb1 4.0/8, mb1mx3.8/23, mbtmp4.0/8, ML3.9/3, MS3.0/5, Ms1 3.0/5, ms1mx2.8/25, Error ellipse: s-maj=50.5km s-min=17.1km az=97.0

NEIC 25:22:29:52.7±0.5, 3991S±1549E, h10km, mb3.7/1, Error ellipse: s-maj=23.8km s-min=8.6km az=111.0

PRE 25:22:29:53.7±1.1, 3994S±1617E, h5km, ML4.5

ISC 25:22:29:53.2±0.6, 3988S±1608E±0.2, h10km, n27, ±1941/30, mb4.0/4, MS2.9/2, Off coast of South Africa

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



Table with columns: DST, Dursunbey, 3.14, 5, ePn, Pn, 23 13 55.3 +0.7, etc.

Table with columns: comp=E,18m,0.7s, FCH, Farellones, 1.65 141, Pn, 00 08 50.1 -0.1, etc.

Table with columns: ASAR, Alice Springs, 26.68 227, P, P, 00 28 26.9 -0.3, etc.

NIED 25:23:54:00, 42.30N:143.00E, h56km, Mw3.9. Best double couple: Mo:7.96000x10^14, NP1:25.00000, delta:0.00000, 7.87.00000...

Table with columns: YECH, El Yeso, 2.02 143, Pn, 00 08 55.5 +0.3, etc.

NEIC 26:00:36:54.4, 1676N:99.17W, h10km, MD3.6(MEX), After MEX.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Table with columns: LCO, Las Campanas, 3.11 14, eS, Pn, 00 09 10.1 0.0, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Table with columns: LPAZ, La Paz, 15.99 12, Pn, 00 12 05.3 +0.4, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Table with columns: LPAZ, La Paz, 15.99 12, Pn, 00 12 05.3 +0.4, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

ISCJB 26:00:08:22.6, 0.5, 3204S:002:7153W:007, h64km, mb4.4km, mb4.2/10, Error ellipse: s-maj=9.7km s-min=3.5km az=177.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

NEIC 26:01:13:01.9, 3140S:69.65W, h139km, MD3.5(GUC), After GUC.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, etc.





Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like YBH, YBHE, YBHE, etc.

Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like N08A, L07A, W14A, etc.

Table with columns: Station, Frequency, Power, Direction, and other technical details. Includes stations like QZH, QZH, N12A, etc.



JTS	comp=Z,74nm,1.3s		MLR	MLR					
JTS	comp=Z,21um,19.0s								
JTS	JuntasAbangare	91.06 80	eP	P	02 42 24.6	-1.7			
JTS	comp=Z,74nm,1.3s,mb5.9		eP	P	02 42 37.1	-0.1			
JTS			LR	P					
JTS	comp=Z,21um,19.0s,MSS.5								
JTS	JuntasAbangare	91.06 80	P	P	02 42 25.5	-0.8			
TEIG	comp=Z,25nm,1.1s,mb4.9,baz=302,slow=4.1,SNR=10		eP	P	02 42 40.0	+1.4			
TEIG	Tepich	91.07 69	LR	LR					
VNA1	comp=Z,11um,19.0s,MSS.3								
VNA1	Neumayer-Stat	91.18 175	eP	P	02 42 26.2	+0.4			
VNA1			e	e	02 42 27.9				
VNA1			e	e	02 42 34.1	-2.6			
VNA1			e	e	02 42 37.5	+0.8			
VNA1			e	e	02 42 41.2				
VNA1			e	e	02 42 48.3				
MIAR	Mount Ida	91.37 54	eP	P	02 42 27.5	+0.2			
MIAR			MLR	MLR					
YAK	comp=Z,810nm,20.0s,MSS.2								
YAK	Yakutsk	91.48 337	eP	P	02 42 27.5	+0.4			
YAK			pmx	pmx					
YAK	comp=Z,13nm,1.2s,mb5.1								
YAK			pmx	pmx					
YAK	comp=Z,5.0nm,1.1s								
YAK			pmx	pmx					
YAK	comp=Z,5.0nm,0.9s								
YAK	Yakutsk	91.48 337	iP	P	02 42 27.1	0.0			
YAK			LR	LR					
LCO	comp=Z,313nm,19.0s,MSS.8								
LCO	Las Campanas	91.65 121	PFAKE	LR	02 42 40.0	+1.1			
NNA	comp=Z,842nm,19.0s,MSS.2								
NNA	Nana	91.96 103	PFAKE	LR	02 42 40.0	+9.5			
NNA			LR	LR					
GTA	comp=Z,807nm,19.0s,MSS.2								
GTA	Yellowknife Ar	92.01 23	P	P	02 42 29.0	-0.5			
YKA	comp=Z,6.0nm,1.1s								
YKA	Yellowknife Ar	92.01 23	P	P	02 42 29.0	-0.5			
YKA			LR	LR					
YKW3	comp=Z,6.4nm,1.1s,mb4.9,baz=234,slow=4.0,SNR=37		eP	P	02 42 28.9	-0.8			
NANT	Nan	92.40 289	P	P	02 42 33.9	+1.5			
ECSD	EROS,Sioux Fal	92.51 45	eP	P	02 42 31.8	-0.5			
ECSD			LR	LR					
ECSD	comp=Z,1.4nm,1.4s,mb5.2								
KMI	comp=Z,604nm,19.0s,MSS.1								
KMI	Kunming	92.55 295	P	P	02 42 35.5	+2.5			
KMI			AP	AP	02 42 46.0	+2.1			
KMI			XP	XP	02 42 49.3	+1.5			
KMI			PP	PP	02 46 14.0	+0.8			
KMI			S	S	02 46 26.0	+3.7			
KMI			XS	XS	02 53 49.5	-3.9			
KMI			SS	SS	02 59 51.0	+3.1			
KMI			AMB	AMB					
KMI	comp=Z,27nm,1.8s,mb5.4								
KMI			AMB	AMB					
KMI	comp=Z,368nm,4.7s								
KMI			LR	LR					
KMI	comp=N,235nm,20.0s,MSS.8								
KMI			LR	LR					
KMI	comp=E,290nm,21.1s,MSS.4								
KMI			LR	LR					
CFAA	comp=Z,546nm,32.2s								
CFAA	Coronel Fontan	92.66 124	P	P	02 42 33.0	-0.5			
CFAA			LR	LR					
CFAA	Coronel Fontan	92.66 124	P	P	02 42 33.0	-0.5			
CFAA			LR	LR					
CFAA	comp=Z,1.7nm,0.9s,mb4.5,baz=238,slow=2.8,SNR=12								
CFAA			LR	LR	03 13 55.0				
VBMS	comp=Z,55nm,21.0s,MSS.0,baz=207,slow=29								
VBMS	Wicksburg	93.00 57	PFAKE	LR	02 42 50.0	+1.5			
CD2	comp=Z,769nm,19.0s,MSS.2								
CD2	Chengdu	93.52 301	P	P	02 42 38.3	+1.0			
CD2			AP	AP	02 42 48.8	+0.6			
CD2			XP	XP	02 42 53.0	+0.8			
CD2			PP	PP	02 46 26.0	+3.7			
CD2			SKS	SKS	02 53 08.5				
CD2			S	S	02 53 47.5	+4.0			
CD2	comp=Z,20nm,1.7s,mb5.3								
CD2			AMB	AMB					
CD2	comp=Z,270nm,9.6s								
CD2			AMB	AMB					
CD2	comp=N,300nm,19.2s,MSS.2								
CD2			LR	LR					
CD2	comp=E,700nm,19.2s,MSS.2								
CD2			LR	LR					
CD2	comp=Z,550nm,20.4s,MSS.0								
FFC	Flin Flon	93.73 33	P	P	02 42 38.0	+0.3			
FFC			LR	LR					
FFC	comp=Z,58nm,1.6s,mb5.8,SNR=5.1								
FFC	Flin Flon	93.73 33	eP	P	02 42 38.4	+0.7			
FFC			ePP	pp	02 42 47.4	-1.2			
FFC			pmx	pmx					
FFC	comp=Z,31nm,1.6s,mb5.5								
FFC			MLR	MLR					
FFC	comp=Z,21um,20.0s,MSS.5								
FFC	Flin Flon	93.73 33	eP	P	02 42 38.4	+0.7			
FFC			eP	P	02 42 47.4	-1.2			
FFC			LR	LR					
CHG	comp=Z,21um,20.0s,MSS.5								
CHG	Chiang Mai	93.99 288	iP	P	02 42 40.9	+1.2			
CHG			LR	LR					
CHTO	comp=Z,35nm,1.0s,mb5.8								
CHTO	Chiang Mai	93.99 288	eP	P	02 42 41.4	+1.7			
CHTO			pmx	pmx					
CHTO	comp=Z,1.1nm,0.9s,mb5.3								
CHTO			MLR	MLR					
CHTO	comp=Z,656nm,20.0s,MSS.1								
CHTO	Chiang Mai	93.99 288	eP	P	02 42 41.4	+1.7			
CHTO			LR	LR					
SCIA	comp=Z,656nm,20.0s,MSS.1								
SCIA	State Center	94.19 47	PFAKE	LR	02 42 50.0	+1.0			
CCM	comp=Z,11um,19.0s,MSS.4								
CCM	Cathedral Cave	94.33 52	PFAKE	LR	02 42 50.0	+9.2			
TRQA	comp=Z,11um,19.0s,MSS.4								
TRQA	Tornquist	94.67 132	eP	P	02 42 43.6	+1.0			
TRQA			LR	LR					
TRQA	comp=Z,11um,19.0s,MSS.4								
AGMN	Agassiz Refuge	94.69 41	eP	P	02 42 41.8	-0.4			
AGMN			eP	P	02 42 50.9	-2.3			
AGMN			LR	LR					
FVM	comp=Z,11um,19.0s,MSS.3								
FVM	French Village	94.92 52	eP	P	02 42 44.5	+1.0			
FVM			pmx	pmx					
FVM	comp=Z,29nm,1.4s,mb5.5								
FVM	French Village	94.92 52	eP	P	02 42 44.5	+0.9			
LZH	comp=Z,28nm,1.4s,mb5.5								
LZH	Lanzhou	95.07 306	eP	P	02 42 45.8	+1.5			
LZH			AP	AP	02 42 57.5	+2.3			
LZH			SKS	SKS	02 53 20.0				
LZH			AMB	AMB					
LZH	comp=Z,54nm,1.6s,mb5.7								
LZH			AMB	AMB					
LZH	comp=Z,200nm,4.0s								
LZH			LR	LR					
LZH	comp=E,21um,17.6s								
LZH			LR	LR					
ULM	comp=Z,21um,18.8s,MSS.6								
ULM	Lac du Bonnet	95.39 39	eP	P	02 42 44.9	-0.5			
ULM			eP	P	02 42 54.3	-2.0			
ULM			LR	LR					
ULM	comp=Z,21um,20.0s,MSS.7								
ULM	Lac du Bonnet	95.39 39	P	P	02 42 44.0	-1.3			
ULM			comp=Z,6.3nm,1.2s,mb4.9,baz=262,slow=5.0,SNR=8.0						
ULM			LR	LR	03 21 52.2				
BRAL	comp=Z,21um,18.4s,MSS.6,baz=100,slow=33								
BRAL	Brewton	95.43 59	PFAKE	LR	02 43 00.0	+1.4			
LVC	comp=Z,825nm,20.0s,MSS.2								
LVC	Limon Verde	95.48 116	eP	P	02 42 49.2	+2.6			
LVC			LR	LR					
LVC	comp=Z,9.9nm,1.2s,mb5.1								
LVC			LR	LR					
PLAL	comp=Z,11um,20.0s,MSS.4								
PLAL	Pickwick Lake	95.79 55	PFAKE	LR	02 43 00.0	+1.2			
HDIL	comp=Z,11um,19.0s,MSS.4								
HDIL	Hopedale	96.55 50	PFAKE	LR	02 43 00.0	+9.1			

ULN	comp=Z,21um,20.0s,MSS.5								
ULN	Ulanbaatar	96.56 318	eP	P	02 42 51.3	+0.5			
JFWS	comp=Z,533nm,19.0s,MSS.0								
JFWS	Jewell Farm	96.59 47	PFAKE	LR	02 43 00.0	+9.0			
JFWS			LR	LR					
EYMN	comp=Z,11um,20.0s,MSS.4								
EYMN	Ely	97.32 42	PFAKE	LR	02 43 10.0	+1.6			
EYMN			LR	LR					
TIXI	comp=Z,21um,19.0s,MSS.6								
TIXI	Tiksi	97.41 344	eP	P	02 42 53.9	-0.2			
TIXI			eS	S	02 53 28.0	-0.3			
TIXI			e	e	02 54 17.9	+2.5			
TIXI			eSS	SS	03 00 48.7	-6.2			
TIXI			pmx	pmx					
TIXI	comp=Z,10.0nm,1.5s,mb5.0								
TIXI	Tiksi	97.41 344	eP	P	02 42 53.8	-0.3			
TIXI			LR	LR					
COWI	comp=Z,605nm,20.0s,MSS.1								
COWI	Conover	98.40 44	eP	P	02 42 59.3	+0.7			
COWI			LR	LR					
LPAZ	comp=Z,860nm,20.0s,MSS.2								
LPAZ	La Paz	98.47 110	eP	P	02 43 02.8	+2.6			
LPAZ			pmx	pmx					
LPAZ	comp=Z,3.0nm,1.3s								
LPAZ			MLR	MLR					
LPAZ	comp=Z,774nm,19.0s								
LPAZ	La Paz	98.47 110	eP	P	02 43 02.8	+2.6			
LPAZ			LR	LR					
LPAZ	comp=Z,3.5nm,1.3s,mb4.7								
LPAZ			LR	LR					
LPAZ	comp=Z,774nm,19.								



Error ellipse: s-maj=34.4km s-min=21.4km az=15.2

ISC 26 02:41:33.2-1.5, 73S, 02-1565E, 0.2, h35km, n13, 0.09/10, 12, mb4.2/7, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KAKA, WRAB, WB2, WRA, ASAR, STKA, CHTO, GQSA, MK31, MKAR, TORD.

NEIC 26 02:41:39.9-0.3, 690S, 15594E, h10km, mb4.8/19, Error ellipse: s-maj=8.6km s-min=6.5km az=113.0

MOS 26 02:41:43.2-0.8, 686S, 15569E, h33km, mb4.9/11, Error ellipse: s-maj=12.4km s-min=10.3km az=85.8

ISC 26 02:41:44.2-0.7, 702S, 15591E, h36km, mb4.1/13, mb1.4/2.1, mb1mx4.2/1.7, mbmtpd4.1/1.4, ML4/2.1, Error ellipse: s-maj=27.4km s-min=14.4km az=90.0

ISCJB 26 02:41:46.5-1.8, 700S, 007-15577E, 0.06, h68km, n17, mb4.5/33, Error ellipse: s-maj=12.0km s-min=9.5km az=161.4

ISC 26 02:41:48.5-1.5, 702S, 007-15577E, 0.06, h72km, 15km, h42km, 2.7km, pP, n101, 0.06/778, mb4.5/33, 1C, Bougainville - Solomon Islands region

Main table on the left side of the page, containing station data for Bougainville - Solomon Islands region. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

Table on the right side of the page, containing station data for Bougainville - Solomon Islands region. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

ISCJB 26 02:44:45.4-0.2, 3593S, 004-10306W, 0.06, h10km, mb4.9/110, MS5, 0/20, Error ellipse: s-maj=7.3km s-min=5.1km az=150.7

ISC 26 02:44:45.3-0.4, 3594S, 103.19W, h0km, mb4.8/26, Mb1.4/9.2/2, mb1mx4.9/2/9, mbmtpd4.8/2/7, ML4.6/1, MS4.9/14, Ms1.4/9/14, Mb1mx4.6/2/5, Error ellipse: s-maj=12.6km s-min=11.8km az=120.0

MOS 26 02:44:45.5-1.1, 3588S, 103.12W, h10km, mb5.2/40, Error ellipse: s-maj=15.2km s-min=7.7km az=87.4

GCMT 26 02:44:46.9-0.1, 3596S, 103.11W, h20km, MW5.5/97, Moment Tensor Solution, s2, c140, s97, c182, Duration: 153 Moment tensor, Scale 1017Nm; Mw-0.01±0.03; Ms-0.52±0.03; Mo-0.52±0.03; Mo-0.12±0.06; Mw-1.98±0.03; Mw-0.09±0.06; Best double couple: M2.05400x10^17 Np1.0±187.00000°, 886.00000°, 2.00000°. NP2.0±97.00000°, 888.00000°, 1.176.00000°.

Principal axes: T 2.0630, Plg4.0000°, Azm52.0000°; N -0.0180, Plg86.0000°, Azm249.0000°; P -2.0450, Plg1.0000°, Azm142.0000°; nstat refers to body waves, cutoff=400s. nsta2 refers to surface waves, cutoff=50s.

NEIC 26 02:44:46.9-0.2, 3593S, 103.10W, h10km, mb5.1/96, Error ellipse: s-maj=6.3km s-min=5.0km az=69.0

BJJ 26 02:44:47.3, 3603S, 103.01W, h10km, mb5.2, h34km, Ms2.5

ISC 26 02:44:50.3-3.8, 3594S, 004-10304W, 0.06, h34km, 26km, n547, 0.06/8455, mb5.0/109, MS5, 0/20, 91C-101D, Southeast of Easter Island

Table on the right side of the page, containing station data for Southeast of Easter Island. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

Main table on the right side of the page, containing station data for Bougainville - Solomon Islands region. Columns include Code, Station Name, Az, Phase ID, Time, Res, ISC.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like Z16A Peralta Trail, BAR Barrett, GLA Garret, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like CWC Cottonwood Cre, RCTC Rector, TKL Tuckaleechee C, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like O05C Quincy, RWVY Rawlins, SPUT South Promont, etc.



Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like HUMO Hull Mountain, J07A Hines, LKWW Lake, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like WTV Waterville, LBNH Lisit, NEW Newport, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like OBN Obninsk, BOD Bodaibo, WHN Wuhan, etc.

NEIC 26 02:46:10.7, 1884N-6905W, h127km, MD3.8(RSPR), After RSPR. RSPR 26 02:46:10.7, 1884N-6905W, h127km, 3km, MD3.8/8, MD3.8/8, 9C, Dominican Republic region

Table with columns: AOPR, Arcobio Observ, 2.23 1021, eP, Pn, 02 46 48.1, +0.8, etc.

ISCJB 26 03:32:43.7, 1.6, 191S, 0.1, 17585W, 0.10, h176km, 15km, mb4.2/18, Error ellipse: s-maj=19.6km s-min=10.2km az=139.9

IDC 26 03:32:44.5, 2.1, 1919S, 17577W, h170km, 20km, mb4.1/9, mb1.4/3.1, mb1mx4.1/1.1, Error ellipse: s-maj=24.4km s-min=11.3km az=144.0

NEIC 26 03:32:46.1, 1.0, 1914S, 17583W, h186km, 10km, mb4.2/12, Error ellipse: s-maj=11.6km s-min=5.9km az=143.0

ISC 26 03:32:44.8, 1.4, 1913S, 0.10, 17582W, 0.10, h173km, 13km, n33, +070/32, mb4.2/18, 1D, Tonga Islands

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

IDC 26 03:35:58.4, 0.0, 2342S, 17984E, h505km, 35km, mb3.3/6, mb1.3/5.6, mb1mx3.2/15, mbtmp3.3/6, Error ellipse: s-maj=105.5km s-min=30.6km az=163.0, South of Fiji Islands

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

STR 26 03:39:55.3, 0.6, 5103N, 1674E, h2km, M14, 1, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

LDG 26 03:39:57.4, 0.2, 5155N, 1613E, h1km, M14, 2/7, Error ellipse: s-maj=4.2km s-min=2.7km az=179.0, Suspected Mining induced.

IPEC 26 03:39:57.8, 0.3, 5159N, 1624E, h0km, M13, 5/4, Error ellipse: s-maj=1.9km s-min=1.5km az=44.0

ISCJB 26 03:39:58.2, 0.2, 5143N, 0.00, 1611E, 0.02, h0km, mb3.9/6, Error ellipse: s-maj=2.0km s-min=1.4km az=10.8

MOS 26 03:39:58.2, 0.8, 5157N, 1613E, h9km, mb4.1/5, Error ellipse: s-maj=5.8km s-min=3.4km az=83.4

NEIC 26 03:39:59.8, 0.2, 5154N, 1612E, h5km, mb4.4/1, M13, 8(FUR), M13, 7(SZGRF), M13, 5(BRA), Error ellipse: s-maj=3.3km s-min=2.8km az=177.0

CSEM 26 03:39:59.1, 0.1, 5154N, 1618E, h1km, M14, 2/20, Error ellipse: s-maj=1.0km s-min=1.0km az=34.0

BGR 26 03:39:59.4, 0.4, 5153N, 1617E, h1km, M13, 7/15, Error ellipse: s-maj=4.4km s-min=2.2km az=23.0

IDC 26 03:40:00.2, 0.5, 5143N, 1606E, h0km, mb3.8/5, mb1.3/8/12, mb1mx3.7/26, mbtmp3.7/12, M13, 5/7, Error ellipse: s-maj=10.7km s-min=5.5km az=100.0

WAR 26 03:40:00.7, 0.1, 5148N, 1611E, M13, 4, Mining Induced

PRU 26 03:40:01.0, 0.1, 5145N, 1610E, h0km

VIE 26 03:40:02.9, 0.6, 5126N, 1603E, h0km, mb3.2/10, M13, 3/13, Error ellipse: s-maj=3.8km s-min=3.5km az=78.0 70 km

Table with columns: DPC, Dobruska-Polom, 1.17 174, eSg, Sg, 03 40 36.6, -0.1, etc.

comp=N,408nm,1.0s DPC MLR

comp=N,575nm,0.2s DPC AMS

comp=N,575nm,0.2s DPC AMS

comp=N,575nm,0.2s DPC AMS

comp=N,575nm,0.2s DPC AMS

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comp=N,575nm,0.2s DPC AMS

Table with columns: MANZ, Manzenberg, 2.98 241, ePn, Pn, 03 40 48.2, +0.5, etc.

comp=N,7.0nm,0.3s GERES pmax

comp=N,7.0nm,0.3s GERES pmax

comp=N,7.0nm,0.3s GERES pmax

comp=N,7.0nm,0.3s GERES pmax

comp=N,7.0nm,0.3s GERES pmax

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comp=N,7.0nm,0.3s GERES pmax

comp=N,7.0nm,0.3s GERES pmax

comp=N,7.0nm,0.3s GERES pmax



26d 4h

Table of astronomical observations for 26d 4h, listing stations (e.g., KSRS, LZH, LSA), object names (e.g., Korea Array, Lanzhou), coordinates, and various parameters like SNR and error margins.

2007 MAY

Table of astronomical observations for 2007 MAY, listing stations (e.g., AML, BOD, USP), object names (e.g., Almayashu, Bodaibo), coordinates, and various parameters like SNR and error margins.

858

Table of astronomical observations for 858, listing stations (e.g., MALT, VRHR, VRSR), object names (e.g., Malatya, Novokhopersk), coordinates, and various parameters like SNR and error margins.

ISCJB 26 04:23:25.61.1, 3352N:008.1409E:0.1, h70km, 14km, mb3.0/2, Error ellipse: s-maj=18.0km s-min=12.0km

JMA 26 04:23:26.2.0.1, 3356N:14090E, h60km, M3.1, IDC 26 04:23:28.1.8.7, 3361N:14101E, h78km, 11km, mb3.4/2, mb1.3/5.3, mb1mx3.2/19, mbtmp3.2/3, ML2.9/1, Error ellipse: s-maj=103.0km s-min=66.0km az=49.0

ISC 26 04:23:26.41.3, 3350N:008.1410E:0.1, h52km, 18km, n11, 0.058/15, mb3.8/2, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, H, m, s, ISC. Lists station codes and their corresponding parameters.

IDC 26 04:26:31.7.2.7, 4194S:7425W, h0Sk, mb3.9/3, mb1.3/8.5, mb1mx3.6/18, mbtmp3.7/5, ML3.7/2, MS2.9/2, M1 2.9/2, mb1mx3.2/23, Error ellipse: s-maj=53.2km s-min=34.8km az=106.0

NEIC 26 04:26:33.5.1.6, 4196S:7409W, h10km, mb4.3/4, Error ellipse: s-maj=25.9km s-min=18.3km az=86.0

ISC 26 04:26:31.9.4.3, 4181S:010.745W:0.2, h7km, 29km, n11, 0.1527/14, mb4.1/3, Off coast of southern Chile







Table with columns for station name, coordinates, elevation, and various data points. Includes stations like Forrest, Narrogin (SRO), Coen, Qiz, Qizongzhong, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like HHC, Gaotai, MDJ, Sonm, Habr, etc.

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like Tixi, Aru, Lusa, Lsz, Ls, etc.





LTIM	Timbered Crate	79.79	50	P	P	06 49 01.9	0.0
M05C	Lookout	79.97	50	↑P	P	06 49 02.9	+0.1
LBCM	Butte Creek Ri	80.01	50	P	P	06 49 02.8	-0.3
JOF	Joensuu	80.08	334	ep	P	06 48 56.7	-6.3
K06A	Valley Falls	80.10	48	↑P	P	06 49 03.7	+0.3
VRHR	Novokhopersk	80.12	321	ep	P	06 49 02.7	-0.7
VRHR	comp=Z,10.0nm,0.5s				pmax		
VRHR	comp=Z,30nm,0.5s,mb5.5				pmax		
VRHR	comp=E,20nm,0.6s				pmax		
I07A	Ize	80.15	46	↑P	P	06 49 03.9	+0.1
E09A	Wood Farm, Sta	80.17	44	↑P	P	06 49 04.1	+0.3
NEW	Newport	80.17	42	ep	P	06 49 03.5	-0.2
NEW	comp=Z,8.0nm,1.0s				pmax		
NEW	Newport	80.17	42	ep	P	06 49 03.5	-0.2
ORV	Oroville	80.34	51	P	P	06 49 04.3	-0.5
MOD	Modoc	80.38	49	↑P	P	06 49 05.1	+0.1
O04C	Chester	80.38	50	↑P	P	06 49 05.7	+0.7
A11A	Hall Mountain,	80.38	41	↑P	P	06 49 05.9	+1.1
MOS	Moscow	80.45	326	ep	P	06 49 03.6	-1.5
EDM	Edmonton	80.47	36	ep	P	06 49 04.6	-0.6
M06C	Likely Place G	80.50	49	↑P	P	06 49 06.1	+0.5
J07A	Hines	80.54	47	P	P	06 49 06.1	+0.3
K07A	Rock Creek Ran	80.83	48	P	P	06 49 07.5	+0.2
I08A	Drewsey	80.84	46	↑P	P	06 49 07.5	0.0
E10A	Myers Farm, Un	80.85	44	↑P	P	06 49 07.4	0.0
G09A	Cove	80.86	45	↑P	P	06 49 07.7	+0.2
L07A	Adell	81.00	48	P	P	06 49 08.8	+0.4
BEKR	Beckworth	81.06	51	P	P	06 49 08.5	-0.2
P05C	Yuba Gap, Truc	81.08	51	↑P	P	06 49 08.8	+0.1
J08A	Circle Bar Ran	81.11	47	P	P	06 49 09.0	+0.1
N06A	Buffalo Meadow	81.12	50	P	P	06 49 09.2	+0.3
D11A	Klaveano Farm,	81.13	43	↑P	P	06 49 08.4	-0.4
LAVA	Lava Cap Winer	81.18	52	↑P	P	06 49 09.0	-0.4
G10A	Bishop Farm, J	81.29	45	↑P	P	06 49 09.5	-0.2
O06A	Flanigan	81.33	50	P	P	06 49 10.4	+0.3
K08A	Mann Creek Ran	81.33	48	P	P	06 49 10.2	+0.1
WVOR	Wild Horse Val	81.34	48	ep	P	06 49 10.3	+0.2
WVOR	comp=Z,6.0nm,1.0s,mb4.5				pmax		
WVOR	Wild Horse Val	81.34	48	ep	P	06 49 10.2	+0.1
I09A	Lost Marbles R	81.38	46	↑P	P	06 49 10.2	-0.1
E11A	Bogner Ranch,	81.47	43	↑P	P	06 49 10.4	-0.4
VRSR	Storozhevoje	81.48	322	ep	P	06 49 09.7	-1.0
VRSR	comp=Z,7.0nm,1.3s,mb4.4				pmax		
VRSR	comp=N,2.0nm,0.6s				pmax		
VRSR	comp=E,4.0nm,0.7s				pmax		
J09A	Fry Pa Ranch,	81.60	47	↑P	P	06 49 11.7	+0.2
L08A	Fields	81.63	48	↑P	P	06 49 11.8	+0.2
F11A	Grangeville	81.69	44	↑P	P	06 49 11.1	-0.8
CMB	Columbia Colle	81.70	52	ep	P	06 49 11.8	-0.3
CMB	comp=Z,2.1nm,1.4s,mb4.9				pmax		
CMB	Columbia Colle	81.70	52	ep	P	06 49 11.8	-0.3
CMB	comp=Z,2.1nm,1.4s,mb4.9				pmax		
D12A	Red Ives Fores	81.74	43	↑P	P	06 49 11.9	-0.2
B13A	Whitefish	81.77	41	P	P	06 49 12.4	+0.2
H10A	Noah's Angus R	81.80	45	P	P	06 49 11.9	-0.6
G11A	Walters Elk Ra	81.80	44	P	P	06 49 11.8	-0.6
WALA	Wateron Lakes	81.83	40	ep	P	06 49 12.2	-0.4
K09A	Rome	81.86	47	↑P	P	06 49 12.6	-0.2
C13A	Hot Springs	81.98	42	↑P	P	06 49 13.3	-0.1
L09A	Wilkinson Ranc	82.16	48	↑P	P	06 49 14.8	+0.3
KIV	Kislovodsk	82.21	314	ep	P	06 49 13.7	-1.0
KIV	comp=Z,15nm,0.9s,mb4.9				pmax		
KIV	Kislovodsk	82.21	314	ep	P	06 49 14.8	+0.1
KIV	comp=Z,5.1nm,0.6s,mb4.6				pmax		
H11A	Donnelly	82.24	45	P	P	06 49 22.8	-0.4
D13A	Huson	82.29	42	↑P	P	06 49 14.1	-0.9
F12A	Elk City	82.32	44	↑P	P	06 49 15.0	-0.2
K10A	MacKenzie Ranc	82.42	47	P	P	06 49 16.0	+0.2
C14A	Swan Lake	82.45	42	↑P	P	06 49 15.3	-0.5
T06C	Millerton Lake	82.57	53	P	P	06 49 16.6	-0.1
N09A	Rock Creek Ran	82.71	49	↑P	P	06 49 17.8	+0.5
MFID	Camas Ranch	82.87	46	P	P	06 49 18.2	+0.1
F13A	Darby	82.90	43	↑P	P	06 49 17.5	-0.7
FINES	FINESS Array B	82.95	334	P	P	06 49 15.9	-2.2
L10A	Juniper Basin	82.96	48	↑P	P	06 49 18.8	+0.2
K11A	Parker Ranch,	82.99	47	P	P	06 49 19.1	+0.3
H12A	Diamond D Ranc	83.06	45	↑P	P	06 49 19.4	+0.2
NVAR	Mina Array Bea	83.07	51	P	P	06 49 19.4	+0.2
Q08A	Gabbs	83.18	51	↑P	P	06 49 19.4	-0.4
O09A	Fish Creek Ran	83.20	50	↑P	P	06 49 20.3	+0.4
HELL	Mitchell Peak	83.20	53	↑P	P	06 49 19.2	-0.8
G13A	Cobalt	83.25	44	P	P	06 49 19.6	-0.5
MTUM	Tungsten Hills	83.29	53	ep	P	06 49 20.0	-0.5
L11A	Cat Creek Ranc	83.42	47	↑P	P	06 49 21.0	+0.1
J12A	Stokes Ranch,	83.42	46	↑P	P	06 49 21.0	0.0
H13A	Challis	83.45	45	P	P	06 49 21.4	+0.3
S08C	White Mtn Res	83.53	52	↑P	P	06 49 22.1	+0.5
M11A	Holland Ranch,	83.68	48	↑P	P	06 49 23.0	+0.6
E15A	Deer Lodge	83.70	42	P	P	06 49 22.1	-0.2
HLID	Hailey	83.75	46	ep	P	06 49 22.4	-0.2
HLID	comp=Z,3.0nm,1.2s,mb4.3				pmax		

HLID	Hailey	83.75	46	↑P	P	06 49 22.6	-0.1
I13A	Wildhorse Cree	83.81	45	P	P	06 49 23.5	+0.6
K12A	Draer Farm, C	83.81	47	↑P	P	06 49 22.7	-0.2
L12A	House Creek Ra	83.93	47	P	P	06 49 24.1	+0.5
J13A	Cove Ranch, Pi	83.98	46	↑P	P	06 49 24.2	+0.4
R09A	Tonopah	84.04	51	↑P	P	06 49 24.4	+0.2
F15A	Butte	84.04	43	↑P	P	06 49 24.3	+0.2
HRY	Holter Researc	84.08	42	ep	P	06 49 24.1	-0.2
S09A	Goldfield	84.13	52	↑P	P	06 49 24.4	-0.4
DLMT	Dillon	84.18	43	ep	P	06 49 25.0	+0.2
MCMT	McKenzie Canyo	84.25	44	ep	P	06 49 25.1	-0.1
M12A	Wells	84.29	48	ep	P	06 49 25.8	+0.3
Q10A	Clear Creek Ra	84.29	51	↑P	P	06 49 25.4	-0.2
O11A	Cowboy Ranch,	84.30	49	↑P	P	06 49 25.5	-0.1
GRAC	Grapevine Rang	84.31	53	↑P	P	06 49 25.6	-0.1
G15A	Dillon	84.34	44	↑P	P	06 49 25.3	-0.3
K13A	Stover Farm, H	84.35	46	↑P	P	06 49 26.2	+0.5
N12A	Clover Valley,	84.44	48	↑P	P	06 49 26.4	+0.2
P11A	Circle Ranch,	84.46	50	↑P	P	06 49 26.7	+0.3
S10A	Tonopah Range,	84.51	51	↑P	P	06 49 25.9	-0.8
R10A	Warm Springs	84.58	51	↑P	P	06 49 27.3	+0.4
MPMC	Manual Prospec	84.58	53	P	P	06 49 26.9	-0.1
LRMC	Laurel Mountai	84.66	54	↑P	P	06 49 27.0	-0.4
EDWZ	Edwards Air Fo	84.67	55	↑P	P	06 49 27.4	-0.1
BOZ	Bozeman (W)	84.67	43	ep	P	06 49 27.0	-0.3
BOZ	Bozeman (W)	84.67	43	ep	P	06 49 27.2	-0.1
L13A	Double Diamond	84.68	47	P	P	06 49 28.2	+0.9
EGMT	Eagleton	84.77	40	ep	P	06 49 27.2	-0.5
EGMT	Eagleton	84.77	40	ep	P	06 49 27.6	-0.1
Q11A	Duckwater	84.82	50	↑P	P	06 49 27.8	-0.4
M13A	Montello	84.83	47	P	P	06 49 28.3	+0.1
O12A	Currie	84.88	49	P	P	06 49 28.4	0.0
FURC	Furnace Creek,	84.89	53	↑P	P	06 49 28.4	-0.2
K14A	Jones Ranch, D	85.00	46	↑P	P	06 49 29.6	+0.6
R11A	Troy Canyon, C	85.07	51	P	P	06 49 29.8	+0.3
P12A	McGill	85.09	49	↑P	P	06 49 29.7	+0.2
TPNV	Topopah Spring	85.15	52	ep	P	06 49 29.6	-0.3
TPNV	comp=Z,10.0nm,1.0s,mb4.0				pmax		
TPNV	Topopah Spring	85.15	52	ep	P	06 49 29.6	-0.3
TPNV	comp=Z,9.6nm,1.0s,mb4.9				pmax		
TPNV	Topopah Spring	85.15	52	P	P	06 49 29.8	-0.1
QLMT	Earthquake Lak	85.16	43	ep	P	06 49 30.5	+0.7
S11A	Rachel	85.24	51	↑P	P	06 49 30.3	0.0
U10A	Ash Meadows,	85.30	53	P	P	06 49 30.9	+0.2
Q12A	Willow Creek R	85.33	50	↑P	P	06 49 30.8	+0.1
M14A	Sheep Mountain	85.33	47	P	P	06 49 30.9	+0.2
GSC	Goldstone	85.40	54	↑P	P	06 49 30.8	-0.3
YMR	Madison River	85.53	43	ep	P	06 49 32.6	+1.0
SHOC	Shoshone	85.55	53	↑P	P	06 49 31.4	-0.5
N14A	Grayback Hills	85.72	48	P	P	06 49 32.5	-0.1
P13A	Bates Ranch, G	85.73	49	P	P	06 49 32.7	0.0
R12A	Pony Springs,	85.78	50	P	P	06 49 33.2	+0.2
T11A	Corn Creek, Al	85.78	52	↑P	P	06 49 33.0	-0.1
BGU	Big Grassy Mou	85.79	48	ep	P	06 49 32.1	-0.9
CGMT	Graydell	85.85	42	ep	P	06 49 33.3	+0.2
IMW	Indian Meadow	85.89	44	ep	P	06 49 32.8	-0.6
Q13A	Wheeler Ranch,	85.94	50	↑P	P	06 49 33.7	-0.1
HEC	Heard Ludlow	85.94	54	↑P	P	06 49 33.5	-0.3
M15A	Larsen Ranch,	85.96	47	↑P	P	06 49 33.9	+0.1
FLWY	Flag Ranch	85.96	44	ep	P	06 49 34.6	+0.1
TUQ	Turquoise Mtn	86.00	53	↑P	P	06 49 34.2	+0.1

BDR	Baidarnaya	7.36	29	P	Pn	06 38 44.2	+1.9
SKRK	Sorokina	7.42	28	eP	Pn	06 38 45.0	+1.9
KBTR	Krutoberegovo	7.63	36	eP	Pn	06 38 44.2	-1.8
YSS	Yuzh-Sakhalins	8.65	252	i/S	Sn	06 40 07.2	-3.6
MA2	Magadan	9.58	348	eP	Pn	06 38 57.1	-2.6
MA2	comp=N,7.0nm,0.6s			pmax	pmax	06 39 14.3	+2.3
MA2	comp=Z,10.0nm,0.6s			pmax	pmax		
ERM	Erimo	11.55	229	ePN	Pn	06 39 38.9	+0.6
SEY	Seymchan	12.73	355	ePN	Pn	06 39 56.2	+2.6
HABR	Khabarovsk	12.99	270	ePN	Pn	06 39 54.8	-2.2
HABR				eP	Pn	06 42 17.6	
KLR	Kul'dur	14.92	275	eP	Pn	06 40 24.0	+2.6
MDJ	Mudanjiang	17.92	261	P	Pn	06 41 01.3	+3.3
MDJ				XP	sP	06 41 43.8	+5.6
MDJ	comp=Z,15nm,0.9s			AMB	AMB		
YAK	Yakutsk	18.12	320	eP	P	06 41 00.8	+2.1
BILL	Billino	18.68	14	eP	P	06 41 05.0	+0.2
BILL	comp=Z,25nm,0.3s			pmax	pmax		
BILL	comp=Z,25nm,0.3s	18.68	14	ePn	Pn	06 41 05.0	-1.8
CN2	Changchun	20.93	263	eP	P	06 41 30.5	+1.2
CN2				eAP	AMB	06 41 56.8	
CN2	comp=Z,10.0nm,0.6s			AMB	AMB		
HIA	Hailar	22.53	281	dP	P	06 41 45.0	-1.0
TIXI	Tiksi	24.43	340	eP	P	06 42 01.9	-1.1
TIXI				pmax	pmax		
TIXI	comp=Z,7.0nm,1.5s,mb4.0			eP	P	06 42 01.9	-1.1
TIXI				eP	P	06 42 36.2	
TNA	Tin City	24.50	37	P	P	06 42 04.4	+0.8
BJI	Beijing	28.79	264	P	P	06 42 42.5	+0.1
BJI				S	AMB	06 47 19.0	-2.8
BJI	comp=Z,2.0nm,0.4s,mb4.2			AMB	AMB		
BJI	comp=Z,303nm,10.5s			AMB	AMB		
BJI	comp=N,192nm,4.9s			LR	LR		
BJI	comp=E,292nm,4.4s			LR	LR		
BJI	comp=Z,1.16nm,24.5s			LR	LR		
TTA	Tatalina	29.07	45	eP	P	06 42 44.1	-0.5
IMA2	Indian Moutai	30.31	39	eP	P	06 42 54.7	-0.8
ULN	Ulaanbaatar	30.94	284	eP	P	06 43 01.2	-0.1
KDKA	Kodiak Island	31.08	56	P	P	06 42 59.6	-2.8
HHC	Hu-ho-hao-te	31.31	269	eP	P	06 43 06.5	+1.9
HHC				AP	pP	06 43 37.0	+2.9
HHC				XP	sP	06 43 53.3	+3.4
HHC				PP	pP	06 44 15.5	-2.3
HHC				PCP	pP	06 45 58.5	+3.3
HHC				S	SS	06 48 02.0	+0.9
HHC				SS	SS	06 48 54.0	+1.2
HHC				SS	SS	06 49 58.3	-2.2
HHC				SS	SS	06 53 23.0	+0.2
HHC	comp=Z,29nm,1.0s,mb5.0			AMB	AMB		
HHC	comp=Z,1.85nm,5.0s			AMB	AMB		
HHC	comp=N,296nm,15.9s			LR	LR		
HHC	comp=E,881nm,17.4s			LR	LR		
HHC	comp=Z,270nm,14.9s			LR	LR		
NJ2	Nanjing	32.20	249	eP	P	06 43 14.5	+2.0
NJ2				AMB	AMB		
ZAK	Zakamensk	32.33	290	eP	P	06 43 13.5	+0.1
ZAK	comp=Z,2.0nm,1.0s,mb3.8			pmax	pmax		
COLA	College	32.70	42	eP	P	06 43 15.6	-0.9
COLA	comp=Z,6.0nm,0.6s,mb4.5			pmax	pmax		
COLA	College	32.70	42	eP	P	06 43 15.6	-0.9
COLA	comp=Z,5.8nm,0.6s,mb4.5			pmax	pmax		
EGAK	Eagle	35.56	41	eP	P	06 43 39.9	-1.2
INK	Inuvik	38.08	35	P	P	06 44 02.2	-0.2
INK						06 46 13.8	
INK	comp=Z,4.0nm,0.4s			pmax	pmax		
INK	comp=Z,2.0nm,0.6s			pmax	pmax		
INK	Inuvik	38.08	35	eP	P	06 44 02.2	-0.2
INK	comp=Z,1.48nm,0.5s,mb5.9						
INK	Inuvik	38.08	35	eP	P	06 46 13.4	-1.0
INK	comp=Z,4.1nm,0.4s,mb4.4, baz=294, slow=6.8, SNR=66			P	P	06 44 02.2	-0.1
INK	comp=Z,1.5nm,0.6s, baz=289, slow=1.6, SNR=4.3			PCP	PCP	06 46 13.8	-0.5
SKAG	Skagway	39.44	49	eP	P	06 44 13.7	-0.1
GTA	Goatay	39.62	276	eP	P	06 44 15.8	+0.3
GTA	comp=Z,5.0nm,0.8s,mb4.2			AMB	AMB		
ZALV	Zalesovo Beam	41.52	303	P	P	06 44 30.8	-0.1
ZALV	comp=Z,3.1nm,0.3s,mb4.4, baz=62, slow=7.4, SNR=8.5						
ZALV	Zalesovo	41.54	303	P	P	06 44 30.8	-0.3
NVS	Novosibirsk	41.99	305	eP	P	06 44 34.8	0.0
NVS				e		06 46 19.7	
NVS	comp=Z,1.8nm,1.8s,mb4.7			pmax	pmax		
CD2	Chengdu	42.47	263	eP	P	06 44 39.0	+0.9
CD2				AP	pP	06 45 10.5	+1.6
CD2				XP	sP	06 45 26.5	+2.1
CD2				PP	pP	06 46 21.8	+2.9
CD2				S	SS	06 50 48.0	-0.9
CD2				SS	SS	06 53 54.5	-8.4
CD2	comp=Z,10.0nm,0.7s,mb4.5			AMB	AMB		
DLBC	Dease Lake	42.37	49	P	P	06 44 38.9	+1.1
DLBC	comp=Z,320, slow=9.5						
GYA	Guiyang	43.63	255	P	P	06 44 49.3	+0.9
GYA				AP	pP	06 45 21.5	+2.3
GYA				XP	sP	06 45 37.8	+3.1
GYA				PP	pP	06 46 34.3	+1.8
GYA				SCP	pP	06 50 11.5	-0.1
GYA				P	P	06 50 26.8	+0.5
GYA				S	SS	06 51 06.8	-0.7
GYA				SS	SS	06 54 31.0	-2.1
GYA	comp=Z,10.0nm,0.9s,mb4.5			AMB	AMB		
WMQ	Urumqi	44.76	289	eP	P	06 44 58.0	+0.9
WMQ				XP	sP	06 45 46.0	+2.4
WMQ	comp=Z,35nm,1.0s,mb4.9			AMB	AMB		
WMQ	comp=Z,45nm,5.0s			LR	LR		
WMQ	comp=N,68nm,15.0s			LR	LR		
WMQ	comp=E,85nm,15.0s			LR	LR		
WMQ	comp=Z,64nm,14.0s			LR	LR		
MKAR	Makanchi Array	46.37	295	P	P	06 45 09.1	-0.6
MKAR				pmax	pmax	06 46 41.8	
MKAR	comp=Z,4.0nm,0.7s			pmax	pmax		
MKAR	comp=Z,1.0nm,0.3s			P	P	06 45 09.1	-0.6
MKAR	comp=Z,4.2nm,0.7s,mb4.2, baz=62, slow=10, SNR=18			P	P	06 46 41.8	-0.6
MKAR	comp=Z,0.5nm,0.3s, baz=71, slow=4.2, SNR=5.1			PCP	PCP	06 46 41.8	-0.6
KURK	Kurchatov	46.39	302	iP	P	06 45 09.8	0.0
KURK				P	P	06 45 43.2	+2.2
KURK	Kurchatov	46.39	302	eP	P	06 45 09.7	-0.1
KURK	comp=Z,1.4nm,0.7s,mb4.7			eP	P	06 46 40.6	-1.7
KMI	Kunming	47.04	258	eP	P	06 45 15.8	+0.6
KMI				AP	pP	06 46 50.0	+3.5
KMI				XP	sP	06 46 06.3	+4.4

KMI				PP	PP	06 47 06.0	-1.0
KMI				S	S	06 51 54.5	-2.0
KMI				SS	SS	06 55 39.3	-5.6
KMI	comp=Z,13nm,1.0s,mb4.5			AMB	AMB		
KMI	comp=Z,44nm,4.0s			LR	LR		
KMI	comp=N,66nm,12.1s			LR	LR		
KMI	comp=E,74nm,13.7s			LR	LR		
KMI	comp=Z,63nm,12.1s			LR	LR		
RES	Resolute Bay	47.12	20	eP	P	06 45 14.5	-0.6
RES	comp=Z,60nm,0.6s,mb5.4						
YKWS	Yellowknife Ar	47.40	39	eP	P	06 45 16.9	-0.6
YKA	Yellowknife Ar	47.44	39	P	P	06 45 17.4	-0.4
YKA						06 46 45.5	
YKA	comp=Z,5.0nm,0.6s			pmax	pmax		
YKA	comp=Z,1.0nm,0.7s			pmax	pmax		
YKA	Yellowknife Ar	47.44	39	P	P	06 45 17.4	-0.3
YKA				P	P	06 46 45.5	-0.3
YKA	Yellowknife Ar	47.44	39	P	P	06 45 17.4	-0.3
YKA	comp=Z,5.2nm,0.6s,mb4.4, baz=298, slow=7.0, SNR=65			P	P	06 46 45.5	-0.3
YKA	comp=Z,1.1nm,0.7s, baz=308, slow=3.6, SNR=10			P	P	06 46 45.5	-0.3
BVAR	Borovoye Array	49.52	308	P	P	06 45 33.3	-0.5
BVAR				pmax	pmax		
BVAR	comp=Z,1.0nm,0.3s			P	P	06 45 33.3	-0.5
BVAR	comp=Z,1.4nm,0.3s,mb4.1, baz=50, slow=8.3, SNR=9.4			P	P	06 45 33.3	-0.5
A07A	Ashya River	51.99	56	iP	P	06 45 51.9	-0.4
A08A	Turner Farm, O	52.63	56	iP	P	06 45 56.7	-0.5
F04A	Amboy	52.72	60	iP	P	06 45 57.4	-0.4
B08A	Colville Reser	52.96	56	iP	P	06 45 59.0	-0.5
A09A	Danville	52.98	55	P	P	06 45 59.4	-0.3
EDM	Edmonton	53.09	49	eP	P	06 46 00.0	-0.4
ARU	Arti	53.18	316	eP	P	06 46 00.3	-0.7
ARU				ePPP		06 48 04.7	
ARU				eS		06 49 09.2	
ARU				eSS	SS	06 53 21.0	+0.3
ARU				pmax	pmax	06 56 59.6	-1.7
ARU	comp=Z,3.0nm,1.1s,mb3.9			pmax	pmax		
C08A	Higginbotham F	53.45	57	iP	P	06 46 02.7	-0.4
CHTO	Chiang Mai	54.06	256	eP	P	06 46 08.0	+0.1
HUMO	Hull Mountain	54.45	64	iP	P	06 46 11.0	+0.5
B11A	Sandpoint	54.48	55	iP	P	06 46 10.5	-0.1
J04A	Umputa Nationa	54.55	63	iP	P	06 46 11.8	+0.6
D10A	Wagner Farm, O	54.85	57	iP	P	06 46 12.8	-0.5
ARCES	ARCCESS Array B	54.87	341	P	P	06 46 11.9	-1.2
ARCES				pmax	pmax		
ARCES	comp=Z,3.0nm,1.0s			MLR	MLR		
ARCES	comp=Z,7.75nm,18.2s						
ARCES	ARCCESS Array B	54.87	341	P	P	06 46 11.9	-1.2
ARCES				LR	LR	07 14 33.5	
ARCES	ARCCESS Array B	54.87	341	P	P	06 46 11.9	-1.2
ARCES	comp=Z,2.8nm,1.0s,mb4.0, baz=45, slow=7.7, SNR=11			LR	LR	07 14 33.5	
ARCES	comp=Z,7.5nm,18.1s, baz=254, slow=4.1						
J05A	Fort Rock	55.02	62	iP	P	06 46 15.4	+0.9
A13A	Flathead Natio	55.19	53	iP	P	06 46 15.7	0.0
D11A	Klaveano Farm,	55.36	56	iP	P	06 46 16.2	-0.7
I07A	Izee	55.49	61	iP	P	06 46 18.3	+0.4
B13A	Whitfish	55.51	54	iP	P	06 46 18.1	+0.2
K05A	Sumner Lake	55.56	63	iP	P	06 46 19.3	+0.9
M03C	McCloud	55.78	65	iP	P	06 46 19.2	-0.8
E11A	Bogner Ranch,	55.86	57	iP	P	06 46 19.9	-0.6
K06A	Valley Falls	55.88	62	iP	P	06 46 21.6	+0.8
C13A	Hot Springs	55.89	55	iP	P	06 46 20.7	0.0
G10A	Bishop Farm, J	56.04	58	iP	P	06 46 21.8	-0.1
I08A	Drewsey	56.12	60	iP	P	06 46 22.9	+0.5
B09A	Durkee	56.14	59	iP	P	06 46 22.7	+0.2
H0M	Blue Mountains	56.22	59	eP	P	06 46 23.4	+0.3
C14A	Swan Lake	56.27	54	iP	P	06 46 23.2	-0.2
D13A	Huson	56.32	55	iP	P	06 46 23.2	-0.6
K07A	Rock Creek Ran	56.52	62	iP	P	06 46 25.5	

26d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WMOK Wichita Mouta, CCM Cathedral Cave, etc.

IS/CJB 26 06:43:41.6:0.9, 3688N:005:2177E:007, h7km, 4km, Error ellipse: s-maj=9.4km s-min=7.7km az=153.3

ATH 26 06:43:42.8, 3692N:2176E, h7km, MD3.3/4, NEIC 26 06:43:43.6, 3700N:2194E, h25km, MD3.3(ATH), After ATH.

CSEM 26 06:43:43.6, 3700N:2194E, h25km, MD3.3/4, After ATH, ISC 26 06:43:41.5:1.3, 3687N:006:2173E:009, h6km, 5km, n9, +074/15, Southern Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PYL PYLOS, ITM Ithomi, VLX Vlachokerasia, etc.

NEIC 26 06:50:01.1, 1575N:9830W, h37km, After MEX, MEX 26 06:50:01.1:0.9, 1577N:9841W, h31km, 41km, MD4.1, Off coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PNIQ Pinotepa, ACX Acapulco, VHO Vista Hermosa, etc.

IDC 26 06:52:05.0:8.0, 2186N:143.11E, h0km, mb4.4/15, mb1.4/5/16, mb1mx4.5/20, mbmp4.4/16, ML3.8/1, MS3.7/7, Ms1.3/7.7, ms1mx3.4/24, Error ellipse: s-maj=23.7km

ISC/JB 26 06:52:08.7:0.2, 2183N:004:14306E:003, h23km, mb4.7/89, MS3.9/16, Error ellipse: s-maj=6.4km, s-min=4.0km az=11.5

MOS 26 06:52:08.5:0.9, 2188N:14302E, h23km, mb5.0/39, Error ellipse: s-maj=10.7km s-min=6.5km az=100.1

BUI 26 06:52:08.2, 2187N:143.12E, h20km, mb5.0, mb4.8, Ms4.6, Ms24.0

NEIC 26 06:52:09.9:0.2, 2182N:143.12E, mb4.8/49, Error ellipse: s-maj=5.1km s-min=4.9km az=162.0

ISC 26 06:52:10.6:0.2, 2184N:004:14312E:003, h24km, h24km, 3km; p-P, n401, +0564/404, mb4.7/89, MS3.9/16, 97C-93D, Mariana Islands region

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

2007 MAY

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSRS, KSR5, KSRS, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SEY Seychans, CTAO Charters Tower, etc.



ARU		eS	S	07 12 16.5	-2.0		
ARU		eSS	SS	07 16 39.0	-5.4		
ARU		pmax	pmax				
ARU	comp-Z,32nm,1.7s,mb5.0						
ARU	Arti	69.12 324	eP	P	07 03 13.8	-0.8	
ARU	comp-Z,5.5nm,0.7s,mb4.6						
ARU	DLBC	Dease Lake	70.04 34	eP	P	07 03 21.6	-0.6
YKW3	Yellowknife Ar	76.33 28	eP	P	07 03 56.5	-0.8	
YKA	Yellowknife Ar	76.36 28	P	P	07 03 56.5	-0.9	
YKA			LR	LR	07 34 55.7		
YKA	Yellowknife Ar	76.36 28	P	P	07 03 56.5	-0.9	
YKA	comp-Z,4.8nm,0.7s,mb4.5,baz=293,slow=5.4,SNR=68						
YKA			LR	LR	07 34 55.7		
PPT	comp-Z,4.4nm,20.7s,MS3.8,baz=210,slow=34						
PPT	Peapee	76.64 115	LR	LR	07 04 33.0		
GNW	comp-Z,125nm,18.1s,MS4.3,baz=318,slow=33						
GNW	Green Mountain	76.84 44	eP	P	07 04 00.5	0.0	
RES	comp-Z,8.9nm,1.0s,mb4.7						
RES	Resolute Bay	76.95 13	eP	P	07 04 00.4	-0.3	
RES	comp-Z,5.18nm,0.9s						
RES	Resolute Bay	76.95 13	eP	P	07 04 00.4	-0.3	
H03A	comp-Z,5.18nm,0.9s						
H03A	Soap Creek Ran	77.43 47	UP	P	07 04 04.8	+0.9	
D05A	Enumclaw	77.50 44	UP	P	07 04 04.9	+0.7	
F04A	Amboj	77.62 45	UP	P	07 04 05.4	+0.5	
J02A	Umpqua	77.64 48	UP	P	07 04 05.7	+0.6	
I03A	Eugene	77.66 48	UP	P	07 04 06.0	+0.8	
A07A	Ashnola River,	77.92 42	UP	P	07 04 06.8	+0.3	
H04A	Detroit Lake	78.17 47	UP	P	07 04 08.1	+0.1	
KTRM	Thompson Ridge	78.25 50	P	P	07 04 12.4	+4.0	
B07A	Winthrop	78.28 42	UP	P	07 04 08.7	+0.2	
I04A	Tendick Farm	78.31 47	UP	P	07 04 08.7	-0.1	
H040	Hull Mountain	78.32 49	UP	P	07 04 08.6	-0.3	
E06A	Yakima	78.36 45	UP	P	07 04 09.4	+0.4	
A08A	Turner Farm, O	78.64 42	UP	P	07 04 10.6	+0.2	
J04A	Umpqua Nationa	78.70 48	UP	P	07 04 11.5	+0.6	
YBH	Yreka Blue Hor	78.77 50	eP	P	07 04 11.7	+0.3	
YBH	comp-Z,4.0nm,0.9s						
YBH	Yreka Blue Hor	78.77 50	eP	P	07 04 11.7	+0.3	
YBH	comp-Z,4.1nm,0.9s,mb4.7						
YBH	Yreka Blue Hor	78.77 50	eP	P	07 04 11.8	+0.4	
ARCES	ARCCESS Array B	78.77 341	P	P	07 04 09.9	-1.0	
M02C	Callahan	78.78 50	UP	P	07 04 12.0	+0.5	
B08A	Colville Reser	78.80 42	P	P	07 04 11.3	-0.1	
H05A	Madras	78.83 46	UP	P	07 04 11.7	+0.1	
A09A	Danville	79.05 42	P	P	07 04 13.1	+0.3	
LHEM	Herd Peak	79.16 50	P	P	07 04 12.8	-0.6	
K04A	Chilquin	79.17 48	UP	P	07 04 14.2	+0.6	
C08A	Higginbotham F	79.18 43	UP	P	07 04 13.4	-0.1	
J05A	Fort Rock	79.28 48	UP	P	07 04 14.5	+0.3	
VIPM	Ingram Point	79.29 46	P	P	07 04 14.3	+0.2	
M03C	McCloud	79.34 50	UP	P	07 04 15.0	+0.5	
H06A	Lindquist Farm	79.40 46	UP	P	07 04 14.5	-0.2	
B09A	Rice	79.52 42	UP	P	07 04 15.4	+0.1	
LASM	Arnica Sink	79.62 49	P	P	07 04 15.5	-0.5	
C09A	Chrisman Ranch	79.67 43	UP	P	07 04 16.1	0.0	
A10A	Northport	79.68 41	UP	P	07 04 16.5	+0.3	
K05A	Sumner Lake	79.71 48	P	P	07 04 16.9	+0.5	
I06A	Prineville	79.76 47	P	P	07 04 17.1	+0.4	
LTIM	Timbered Crate	79.82 50	P	P	07 04 16.1	-1.0	
D09A	Jones Farm, Ri	79.91 43	UP	P	07 04 17.2	-0.3	
MNRC	McLaughlin Nat	79.92 52	UP	P	07 04 18.2	+0.5	
HATC	Hat Creek Raddi	79.97 50	UP	P	07 04 17.5	-0.5	
L05A	Lakeview	79.99 49	UP	P	07 04 18.0	0.0	
M05C	Lookout	80.00 50	UP	P	07 04 18.3	+0.2	
LBCM	Butte Creek Ri	80.04 50	P	P	07 04 18.0	-0.3	
K06A	Valley Falls	80.13 48	UP	P	07 04 18.7	0.0	
J0F	Joensuu	80.17 334	eP	P	07 04 17.9	-0.6	
I07A	Ize	80.19 46	UP	P	07 04 19.2	+0.1	
NEW	Newport	80.22 42	eP	P	07 04 18.9	-0.2	
NEW	comp-Z,7.0nm,0.9s						
NEW	Newport	80.22 42	eP	P	07 04 18.9	-0.2	
SUTB	Sutter Butte	80.28 52	UP	P	07 04 19.3	-0.3	
ORV	Oroville	80.37 51	P	P	07 04 19.7	-0.4	
O04C	Chester	80.41 50	UP	P	07 04 20.7	+0.4	
MOD	Modoc	80.41 49	eP	P	07 04 20.2	-0.1	
MOD	comp-Z,8.0nm,1.1s,mb4.6						
MOD	Modoc	80.41 49	UP	P	07 04 20.4	+0.1	
A11A	Hall Mountain,	80.42 41	UP	P	07 04 20.9	+0.7	
OHCM	Honcut	80.46 52	eP	P	07 04 19.8	-0.8	
EDM	Edmonton	80.52 36	eP	P	07 04 20.6	0.0	
M06C	Likely Place G	80.53 49	UP	P	07 04 21.5	+0.5	
ELFS	Eagle Lake Fie	80.56 50	UP	P	07 04 21.8	+0.7	
D10A	Wagner Farm, O	80.57 43	UP	P	07 04 21.0	-0.1	
J07A	Hines	80.57 47	P	P	07 04 21.9	+0.8	
H08A	Prairie City	80.59 46	UP	P	07 04 21.3	+0.1	
B11A	Sandpoint	80.62 42	UP	P	07 04 21.6	+0.4	
K07A	Rock Creek Ran	80.86 48	UP	P	07 04 22.8	+0.2	
I08A	Drewsey	80.88 46	UP	P	07 04 23.0	+0.2	
G09A	Cove	80.90 45	UP	P	07 04 23.1	+0.2	
F10A	Beach Ranch, E	81.00 44	UP	P	07 04 23.4	+0.1	
L07A	Adell	81.04 48	UP	P	07 04 24.3	+0.7	
B12A	Libby	81.08 41	UP	P	07 04 24.5	+0.8	
BEKR	Beckworth	81.09 51	UP	P	07 04 23.9	-0.1	
P05C	Yuba Gap, Truc	81.11 51	UP	P	07 04 24.4	+0.3	
J08A	Circle Bar Ran	81.14 47	UP	P	07 04 24.1	0.0	
N06A	Buffalo Meadow	81.15 50	UP	P	07 04 24.6	+0.3	
D11A	Klaviano Ranch	81.17 43	UP	P	07 04 24.0	-0.2	
LAVA	Lava Cap Winer	81.21 52	UP	P	07 04 24.6	-0.1	
G10A	Bishop Farm, J	81.33 45	P	P	07 04 24.9	-0.2	
OBN	Obnisk	81.34 326	UP	P	07 04 23.6	-1.4	

OBN		e	pP	07 04 31.4	-1.3		
OBN		eSS	SS	07 19 48.8	-0.8		
OBN		pmax	pmax				
O06A	comp-Z,26nm,1.7s,mb4.9						
O06A	Flanigan	81.36 50	UP	P	07 04 25.6	+0.2	
K08A	Mann Creek Ran	81.37 48	UP	P	07 04 25.7	+0.3	
BMO	Blue Mountains	81.37 45	eP	P	07 04 24.8	-0.6	
WVOR	Wild Horse Val	81.38 48	eP	P	07 04 24.9	-0.5	
WVOR	comp-Z,7.0nm,1.1s,mb4.5						
WVOR	Wild Horse Val	81.37 48	eP	P	07 04 24.9	-0.5	
M07A	Soldier Meadow	81.38 49	UP	P	07 04 25.7	+0.2	
I09A	Lost Marbles R	81.41 46	UP	P	07 04 25.8	+0.3	
PACP	Pacheco Peak	81.42 54	UP	P	07 04 26.3	+0.5	
E11A	Bogner Ranch,	81.51 43	UP	P	07 04 25.3	-0.8	
VRSR	Storozhevo	81.56 322	eP	P	07 04 24.0	-2.2	
VRSR	comp-Z,3.0nm,0.7s,mb4.3						
VRSR	comp-N,3.0nm,1.4s						
VRSR	A13A	Flathead Natl	81.62 41	UP	P	07 04 27.2	+0.7
J09A	Fry Pan Ranch	81.64 47	UP	P	07 04 26.7	-0.1	
L08A	Fields	81.66 48	UP	P	07 04 26.9	0.0	
CMB	Columbia Colle	81.72 52	eP	P	07 04 27.1	-0.3	
CMB	comp-Z,5.0nm,0.8s,mb4.5						
CMB	Columbia Colle	81.72 52	eP	P	07 04 27.1	-0.3	
CMB	comp-Z,5.0nm,0.8s,mb4.5						
CMB	Columbia Colle	81.72 52	eP	P	07 04 27.2	-0.1	
D12A	Red Ives Forest	81.78 43	UP	P	07 04 27.4	-0.1	
B13A	Whitefish	81.81 41	P	P	07 04 28.0	+0.4	
BSMT	Bassoo Peak	81.82 42	eP	P	07 04 27.7	-0.0	
H10A	Noah's Angus R	81.84 45	UP	P	07 04 27.5	-0.3	
G11A	Waters Elk Ra	81.84 44	UP	P	07 04 27.0	-0.9	
PAHR	Pah Rah Range	81.85 51	eP	P	07 04 28.0	0.0	
WALA	Waterton Lakes	81.87 40	eP	P	07 04 28.2	+0.3	
K09A	Rome	81.90 47	UP	P	07 04 28.2	0.0	
C13A	Hot Springs	82.02 42	UP	P	07 04 28.5	-0.2	
H11A	Donnelly	82.28 45	UP	P	07 04 29.6	-0.5	
KIV	Kislovodsk	82.29 314	eP	P	07 04 29.7	-0.5	
KIV	comp-Z,30nm,1.6s,mb5.0						
KIV	GNI	Garni	82.32 310	/P	P	07 04 31.0	+0.6
D13A	Huson	82.33 42	UP	P	07 04 29.7	-0.7	
F12A	Elk City	82.36 44	UP	P	07 04 30.2	-0.3	
K10A	MacKenzie Ranc	82.45 47	P	P	07 04 31.1	0.0	
C14A	Swan Lake	82.50 42	UP	P	07 04 31.0	-0.2	
T06C	Millerton Lake	82.60 53	UP	P	07 04 31.8	-0.2	
I11A	Placeville	82.62 46	UP	P	07 04 31.5	-0.5	
R07C	Vie Vining	82.69 52	UP	P	07 04 33.1	+0.7	
N09A	Rock Creek Ran	82.74 49	UP	P	07 04 33.0	+0.3	
MFID	Camas Ranch	82.91 46	P	P	07 04 33.4	0.0	
D14A	Greenough	82.93 42	UP	P	07 04 32.6	-0.9	
F13A	Darby	82.94 43	UP	P	07 04 32.7	-0.8	
K11A	Parker Ranch,	83.02 47	P	P	07 04 34.1	+0.1	
FINES	FINESS Array B	83.03 334	/P	P	07 04 32.2	-1.5	
FINES	comp-Z,1.0nm,0.5s						
FINES	FINESS Array B	83.03 334	P	P	07 04 31.5	-2.2	
FINES	FINESS Array B	83.03 334	P	P	07 04 31.5	-2.2	
NVAR	Mina Array Bea	83.10 51	P	P	07 04 34.7	+0.1	
NVAR	Mina Array Bea	83.10 51	P	P	07 04 34.7	+0.1	
RCTC	Rector, Farmer	83.21 54	UP	P	07 04 34.7	-0.4	
Q08A	Gabbs	83.21 51	UP	P	07 04 35.1	0.0	
HELL	Mitchell Peak	83.23 53	P	P	07 04 34.6	-0.7	
O09A	Fish Creek Ran	83.23 50	UP	P	07 04 35.3	+0.1	
R08A	Mina	83.28 51	UP	P	07 04 35.9	+0.4	
G13A	Lake	83.28 44	UP	P	07 04 34.8	-0.6	
PKM	Peak Mountain	83.30 55	UP	P	07 04 36.1	+0.5	
MTUM	Tungsten Hills	83.32 53	eP	P	07 04 36.0	+0.3	
MTUM			eP	P	07 04 42.7	-0.7	
L11A	Cat Creek Ranc	83.45 47	UP	P	07 04 36.6	+0.3	
J12A	Stokes Ranch,	83.46 46	UP	P	07 04 36.2	-0.1	
H13A	Challis	83.48 45	UP	P	07 04 36.4	0.0	
YES	Vestal, Richgr	83.50 54	UP	P	07 04 36.4	-0.2	
S08C	White Mtn Res	83.55 52	UP	P	07 04 36.8	0.0	
M11A	Holland Ranch,	83.72 48	UP	P	07 04 38.3	+0.7	
E15A	Deer Lodge	83.74 42	UP	P	07 04 37.2	-0.4	
HLID	Hailey	83.79 46	eP	P	07 04 38.0	0.0	
HLID	Hailey	83.79 46	eP	P	07 04 37.9	-0.1	
K12A	Draper Farm, C	83.84 47	P	P	07 04 38.6	+0.4	
I13A	Wildhorse Cree	83.84 45	UP	P	07 04 38.7	+0.4	
L12A	House Creek Ra	83.96 47	UP	P	07 04 39.5	+0.6	
UMR	Umm Al-Rimmam	83.96 299	eP	P	07 04 41.2	+2.0	
UMR			Amb	AMB	07 04 48.4		
J13A	Cove Ranch, Pi	84.02 46	UP	P	07 04 39.1	0.0	
R09A	Tonopah	84.07 51	P	P	07 04 39.4	-0.1	
F15A	Butte	84.08 43	P	P	07 04 39.3	-0.1	
LRM	Limekiln Ridge	84.12 43	eP	P	07 04 39.8	+0.2	
HRH	Holter Researc	84.13 42	eP	P	07 04 39.5	-0.1	
S09A	Goldfield	84.16 52	UP	P	07 04 39.7	-0.3	
DLMT	Dillon	84.22 43	eP	P	07 04 40.5	+0.3	
MCMT	McKenzie Canyo	84.29 44	eP	P	07 04 39.8	-0.7	
Q10A	Clear Creek Ra	84.32 51	UP	P	07 04 40.3	-0.5	

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like North Lily Min, Fort Churchill, Cedar City, Jordanelle, Big Chuck Mtn, Iron Mountain, Sam W. Stewart, Maple Canyon, Daniels Canyon, Grand Canyon W, Malin Array Be, Malin Array Bc, Hurricane, Marysvalde, Lasa Array Mt Trumbull, Hualapai Mount, Blythe, Parker Dam, Lak, Glamis, Glamis, Yucca, Red Dirt Ranch, Boquillas Ranc, Seligman, Yuma, Salome, San Rafael, San Rafael, Glen Canyon Da, Kalbab Nationa, Yava, NORSAR Array B, Wickenburg, Humboldt, Casa Rosa Ranc, Wupatki, Wupatki, Flagstaff, Paradox Valley, Mia Camp, Sonoran Desert, Circle Bar Ran, Paradox Valley, Peralta Trail, Forest Lakes, Elo, Roosevelt, Snowmass, Snowflake, Three Points, Canyon Day Jun, Tucson, Lado du Bonnet, Lado Springs, St. Johns, Green Valley, Nutrioso, Homack Ranch, Bisbee, Great Sand Dun, Albuquerque, Albuquerque, Corudas Mount, Kaspers Hory, GERES Array B, Torodi Ar. Bea, Paso Flores, Paso Flores, La Paz, La Paz, La Paz.

MAN 26 07:05:41, 652N, 12601E, h47km, mb4.4, ML3.3, MS3.2, ID, Mindanao. Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like Kidapawan, Musuan, NEIC 26 07:10:40.0, 3889N-2629E, h10km, MD3.3(MSK), ISCBJ 26 07:10:41.5, 1.1, 3873N-009.2, 261E.01, h10km, Error ellipse: s-maj=16.7km s-min=7.8km az=139.9, CSEM 26 07:11:15.1, 3622N-2625E, h10km, MD3.1/3, After Ath ATH 26 07:11:15.1, 3622N-2625E, h10km, MD3.1/3, ISC 26 07:10:42.7, 1.1, 3874N-010.261E.01, h10km, n9, n137/10, Aegean Sea, BTOK Tokmak, GDZ Gediz, KARP Karpathos, NPS Neapolis, LAST Lasithi, ZKR Zakros, ESKT Eskisehir, XRY Xrhisi, VLS Valsamata, ISCBJ 26 07:13:57.5, 0.9, 1069N-006.6239W-003, h85km, 10km, Error ellipse: s-maj=10.7km s-min=5.4km az=11.4, FUNV 26 07:13:58.3, 1079N-6221W, h49km, MW2.6, TRN 26 07:13:59.1, 1140N-6193W, h12km, MD3.0, ISC 26 07:13:58.6, 0.9, 1070N-006.6238W-003, h77km, 10km, n12, 0.996/22, 1C-2D, Near coast of Venezuela, TCE Chacachacare, GUNV Guanoco, GRUV Carupano, CRUV Trinidad (W), TRN Isla Los Testi, ITEV Isla Los Testi, TPP Pointe-a-Pierr, TBH Brigand Hill, TBH Brigand Hill, RIOV Rio Grande, RIOV Rio Grande, CUPV Cœpira, BIRV Birong, BIRV Birong, LUEV Luepa, LUEV El Baul, IDC 26 07:24:16.6, 0.6, 2179N-14324E, h0km, mb4.1/12, mb1.4/212, mb1mx4.1/20, mbtmp4.1/12, MS3.0/2, MS1.3/0.2, ms1mx2.8/22, Error ellipse: s-maj=24.8km s-min=16.5km az=86.0, ISCBJ 26 07:24:10.5, 2178N-008.1431E.01, h33km, mb4.2/24, MS3.2/3, Error ellipse: s-maj=13.8km s-min=11.1km az=156.5, MOS 26 07:24:20.1, 0.8, 2181N-14307E, h33km, mb4.5/8, Error ellipse: s-maj=18.8km s-min=9.4km az=107.1, BUI 26 07:24:26.3, 2180N-14300E, h73km, mb5.2, mb4.5, Ms4.6, Ms2.1, NEIC 26 07:24:29.4, 6.8, 2175N-14304E, h103km, 61km, mb4.3/5, Error ellipse: s-maj=17.8km s-min=9.1km az=76.0, ISC 26 07:24:25.9, 5.6, 2179N-008.1431E.01, h70km, 51km, n41, 0.966/38, mb4.1/24, 9C-ID, Mariana Islands region, KSRS Korea Array, KSRS Korea Array, KSRS Korea Array, KSRS Korea Array, YSS Yuzh-Sakhalins, ULN Ulanbataar, SONM Songino Array, GTA Gaotai, GTA Gaotai, GTA Stephens Creek, GTA Yakutsk, YAK Yakutsk, YAK Yakutsk, SEY Seycham, SEY Zakamensk, WRA Warrungarra Arr, TLY Talaya, ASAR Alice Springs, BILL Bilbino, BILL Bilbino, TIXI Tikisi, TIXI Tikisi, STKA Stephens Creek, ZALV Zalesovo Beam, ZALV Zalesovo, ZAL Zalesovo, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, KURK Kurchatov, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, BRVK Borovoye, BRVK Borovoye, INK Inuvik, ARU Arti, ARU Arti, ARU Arti, ARU Arti, ARU Arti, YAK Yellowknife Ar, YBH Yreka Blue Hor, FINES FINESS Array B, NVAR Mina Array Bea.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, ISC. Includes stations like Flin Flon, Flin Flon, Dugway, Dugway, Dugway, Red Lodge, Danieli Canyon, MSU Marysvalde, ANMO Albuquerque, Paso Flores, La Paz, La Paz, Coronef Fontan, Coronef Fontan, ISCBJ 26 07:44:06.7, 0.6, 2436S-004-6708W-007, h173km, 7km, mb3.6/6, Error ellipse: s-maj=10.7km s-min=6.7km az=177.8, NEIC 26 07:44:07.4, 0.6, 2432S-6702W, h170km, 6km, mb4.3/3, Error ellipse: s-maj=10.4km s-min=8.1km az=87.0, IDC 26 07:44:07.5, 1.8, 2422S-6698W, h170km, 16km, mb3.5/5, mb1.3/6.9, mb1mx3.5/18, mbtmp3.4/9, Error ellipse: s-maj=21.7km s-min=14.3km az=83.0, GUC 26 07:44:09.5, 0.9, 2431S-6750W, h200km, ML4.6, ISC 26 07:44:07.8, 0.6, 2436S-004-6707W-007, h166km, 7km, n30, 0.999/36, mb3.6/6, 5C-1D, Chile-Argentina border, LVC Limon Verde, LVC Limon Verde, CEN1 Los Morros, CEN1 Los Morros, CPN1 Cerro Paranal, CPN1 Cerro Paranal, ANCH Antofagasta, ANCH Antofagasta, ANCH Antofagasta, ANCH Antofagasta, CPCH Copiapo, CPCH Copiapo, VACH Vallendar, VACH Vallendar, LCO Las Campanas, LCO Las Campanas, LCO Coronel Fontan, CFAA Coronel Fontan, CFAA Coronel Fontan, LPAZ La Paz, LPAZ La Paz, CPUP Villa Florida, PLCA Paso Flores, BDFB Brasilia, BDFB Brasilia, VNA1 Neumayer-Stat, VNA1 Neumayer-Stat, VNA2 Neumayer-Stat, VNA2 Neumayer-Stat, SNAA Sanae, SNAA Sanae, TPNV Topogah Spring, TPNV Topogah Spring, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, NVAR Mina Array Bea, NVAR Mina Array Bea, MCMT McKenzie Canyo, BOSB Boschof, HRY Yellowknife Ar, YKA Yellowknife Ar, ASAR Alice Springs, WRA Warrungarra Arr, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, ISCBJ 26 08:04:12.8, 0.2, 3740N-001-11850W-001, h10km, Error ellipse: s-maj=1.7km s-min=1.6km az=170.3, NEIC 26 08:04:13.0, 3.7, 3742N-11853W, n9km, MW3.3(BRK), After NCEDC, ISC 26 08:04:13.1, 0.2, 3742N-001-11851W-001, h10km, n105, n105/165, 66C-64D, California-Nevada border region, MTUM Tungsten Hills, S08C White Mtn Res, S08C White Mtn Res, S08C White Mtn Res, MLAC Mammoth Lakes, MLAC Mammoth Lakes, TIN Tinemaha, TIN Tinemaha, TIN Tinemaha, KCC Kaiser Creek, KCC Kaiser Creek, KCC Kaiser Creek, R07C Resevoir, R07C Resevoir, HELL Mitchell Peak, HELL Mitchell Peak, HELL Mitchell Peak, R08A Mina, R08A Mina, GRAC Grapevine Rang, CWC Cottonwood Cre, CWC Cottonwood Cre, T06C Millerton Lake, T06C Millerton Lake, T06C Millerton Lake, S09A Goldfield, S09A Goldfield, S09A Goldfield, S06C San Francisco, S06C San Francisco, S06C San Francisco, TPH Tonopah, TPH Tonopah, TPH Tonopah.

Table with columns: RCTC, Rector, Farmer, baz=1.3, 1.25 208, P, Pn, 08 04 36.0 -0.6, BEKR, Beckworth, baz=2.8, SNR=5.5, 2.84 330, P, Pn, 08 04 59.8 +1.3

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC, BEKR, Beckworth, baz=2.8, SNR=5.5, 2.84 330, P, Pn, 08 04 59.8 +1.3

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC, WRA, Warramunga Arr, 17.96 160, P, Op, 08 05 06.3 -1.3

0.6nm,0.6s,mb3.4,baz=313,slow=6.4,SNR=9.7

CSEM 26 09:28:02.6.0.1,3645N:27.17E,h15km,MD3.2,Error ellipse: s-maj=2.7km s-min=1.9km az=116.0

ATH 26 09:28:02.0,3649N:27.14E,h26km,MD3.2/7 NEIC 26 09:28:02.0,3649N:27.14E,h26km,MD3.2(ATH),After ATH.

ISK 26 09:28:02.0,3639N:27.21E,h8km,MD3.0 ISCJB 26 09:28:03.0,0.8,3643N:27.21E:0.05,h18km,8km, Error ellipse: s-maj=6.6km s-min=5.6km az=162.0

ISC 26 09:28:02.9,0.8,3643N:20.3715E:0.05,h15km,5km,n23, c=081/31,Decadecase Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like NISRS Nirosos, DAT Datca, BODT Bodrum, etc.

ISC 26 09:34:44.7,0.8,2186N:143.11E,h0km,mb3.9/8, mb1 4.1/8,mb1mx3.9/17,mbtmp3.9/8,MS4.1/1,Ms1 4.0/1, ms1mx2.8/27, Error ellipse: s-maj=32.9km s-min=20.6km az=92.0, Mariana Islands region

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

CSEM 26 09:37:56.2,3957N:3520E,h11km,MD2.6,After ISK ISK 26 09:37:56.2,3957N:3520E,h11km,MD2.6

ISCJB 26 09:37:57.0,0.8,3960N:008.3523E:0.09,h10km,9km, Error ellipse: s-maj=16.3km s-min=5.4km az=39.7

ISC 26 09:37:57.4,0.9,3962N:006.3526E:0.08,h12km,7km,n6, c=120/8,1C,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like YOZ Yozgat, CDAG Cideci dag, CORM Corum, etc.

ISC 26 09:42:48.4,4.1,1594S:16781E,h151km,32km,mb3.7/6, mb1 3.9/6,mb1mx3.6/14,mbtmp3.7/6,MS3.0/2, ms1mx2.7/18, Error ellipse: s-maj=33.0km s-min=21.4km az=61.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like HNR Honiara, CTR Charters Tower, RPZ Rapa Peaks, etc.

ISCJB 26 09:49:48.9,1.2,179S:0.1:1784W:0.1,h509km,17km, mb3.8/7, Error ellipse: s-maj=24.2km s-min=15.2km

NEIC 26 09:49:50.4,1.2,1789S:17834W,h517km,19km, Error ellipse: s-maj=28.9km s-min=14.1km az=138.0

ISC 26 09:49:50.5,1.5,1793S:17831W,h521km,20km,mb3.4/8, mb1 3.6/9,mb1mx3.5/15,mbtmp3.4/9, Error ellipse: s-maj=23.7km s-min=12.2km az=137.0

ISC 26 09:49:49.6,1.2,179S:0.1:1783W:0.1,h506km,17km,n29, c=087/15,mb3.8/7,1C-3D,Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like AFI Afiamalu, AFI Afi, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like MJAR Matsushiro Arr, KSRS Korea Array, NVAR Mina Array, etc.

NEIC 26 09:52:38.2,4081N:2050E,h0km,ML2.8(PDG), After PDG

PDG 26 09:52:38.2,0.2,4081N:2050E,h0km,11km,ML2.8/8, Error ellipse: s-maj=2.2km s-min=2.8km az=0.0

SKO 26 09:52:38.5,4089N:2047E,h15km,ML2.1 ISCJB 26 09:52:40.9,0.4,4097N:002.2054E:0.03,h3km,Error ellipse: s-maj=3.3km s-min=2.4km az=139.0

BEO 26 09:52:41.6,0.9,4086N:2063E,h2km,2km,ML2.7 THE 26 09:52:41.5,4106N:2055E,h3km,ML3.0

CSEM 26 09:52:41.8,0.1,4099N:2064E,h0km,ML3.0,Error ellipse: s-maj=2.7km s-min=1.9km az=111.0

ISC 26 09:52:41.2,0.5,4095N:002.2059E:0.03,h0km,4km,n35, c=127/66,4C-3D,Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like OHR Ohrid, KBN Korca, BIA Bitola, etc.

VIE 26 09:54:27.2,0.5,4544N:1534E,h8km,mb1.9/1,ML2.5/1, Error ellipse: s-maj=3.3km s-min=1.8km az=150.0

ISCJB 26 09:54:28.1,0.6,4547N:003.1529E:0.05,h10km,Error ellipse: s-maj=4.9km s-min=3.5km az=23.7

CSEM 26 09:54:28.2,0.3,4545N:1529E,h5km,3km,ML1.5, Error ellipse: s-maj=4.2km s-min=3.1km az=124.0

LJU 26 09:54:28.4,4548N:1529E,h7km,ML1.6 ISC 26 09:54:28.7,0.7,4547N:003.1530E:0.05,h10km,n22, c=081/39,5C-1D,Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like BOJS Bojanci, CRES Cresnjev, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like VISS Viss, LEGS Legarie, GOLS Golise, etc.

DDA 26 09:58:46.3,4105N:4024E,h7km,3km,MD2.9 CSEM 26 09:58:47.4,0.2,4102N:4027E,h10km,MD2.9, Error ellipse: s-maj=7.9km s-min=3.2km az=170.0

ISK 26 09:58:47.5,4097N:4026E,h6km,MD2.7 ISC 26 09:58:48.1,0.7,4104N:007.4024E:0.04,h9km,6km,n12, c=087/19,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like KTUT Trabzon, MACK MACK, PZAR Pazar-Rize, etc.

ISC 26 10:04:24.1,3.3,1910S:17824W,h0km,mb4.0/3, mb1 4.3/4,mb1mx3.9/14,mbtmp4.1/4,ML4.3/1,Fiji islands region

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

ISC 26 10:18:59.3,9.9,495S:14773E,h0km,mb3.5/2,mb1 3.8/3, mb1mx3.5/14,mbtmp3.6/3,ML3.9/1, Error ellipse: s-maj=116.7km s-min=45.9km az=110.0,Bismarck Sea

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

ISCJB 26 10:28:08.5,1.0,2733N:008.8812E:0.08,h10km,mb3.6/2, Error ellipse: s-maj=11.4km s-min=9.4km az=158.5

NDI 26 10:28:09.3,2.5,2755N:8810E,h10km,ML3.3 ISC 26 10:28:13.9,6.1,2825N:9044E,h0km,mb3.5/2,mb1 3.6/3, mb1mx3.3/22,mbtmp3.3/3, Error ellipse: s-maj=429.5km s-min=34.0km az=63.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like SHGI Shigiri, SHL Shilong, BOK Bokaro, etc.

CSEM 26 10:31:18.0,3537N:2298E,h35km,MD3.5/4, After ATH NEIC 26 10:31:18.0,3537N:2298E,h35km,MD3.4(ATH), After ATH.

ATH 26 10:31:18.0,3537N:2298E,h35km,MD3.4/4, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like KYTH Kithira, VAM Vamos, GVD Gavdhos, etc.

NEIC 26 10:39:13.8,3147S:6961W,h146km,MG3.2(GUC), After GUC.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Lists stations like CMCH Combarala, CMCH Combarala, CMCH Combarala, etc.

Table with columns: TLL, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tololo Astrono, Peidehue, Farellones, Cerro Calan, Pirque, Las Melosas, Talagante, Chadas Angosto, El Canelo, Longovio, Cipreses, San Fernando.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Callao Caves, Corner, Dolores, Cauayan, Palanan.

MAN 26 10:39:23, 1763N-12149E, h37km, mb3.8, ML2.5, MS2.1, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Bozova, Malatya, Urfa, Gaziantep, Sivrice-ELAZID, Kahramanmaraş, Andir, Mardin.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Imphal, Malaknchi Array, Warramunga Arr, Alice Springs.

NEIC 26 11:19:57.4, 4502S-16757E, h88km, ML3.8(WEL), After WEL

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Milford Sound, Mavora Lakes, Deep Cove, Wether Hill Ro, Earnsclough, Tuapeka, The Paps, Scrubby Hill, Fox Glacier, Otauhu Downs, Highcliff Hill, Rata Peaks, Waikaha Valley, McQueen's Vall, Lake Taylor, Denniston North, Topouhe, Quartz Range.

CSEM 26 11:25:45.8, 4038N-2181E, h29km, MD3.4, After ATH

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kozani, Klokotos Trika, Krusevo, Polygyros.

SGS 26 11:30:17.3, 3022N-3625E, h15km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mount Harif, Elat, Paran, Mount Berech, Paran Flat, Basata, Dead Sea, Nakhli, Jabal Katrina, Maghara.

ISCJJB 26 11:34:24.8, 0.6, 43N-02-3241W-009, h10km, mb3.9/14, MS3.9/17, Error ellipse: s-maj=21.8km s-min=12.6km

NEIC 26 11:34:26.5, 0.5, 426N-3246W, h10km, mb4.1/2, Error ellipse: s-maj=16.1km s-min=9.6km az=177.0

ISC 26 11:34:26.7, 0.6, 43N-01-3245W-009, h10km, n31, 0567/20, mb3.9/14, MS3.9/17, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Babate, Brasilia, Dimbokro, DBIC, SIV, TORO, TORO, SDV, CPUP, LPAZ, ROSC, CFAA, PLCA, SCHO, SCHO, SCHO, BOSHA, BOSHA, NOA, NOA, KMSO, FINES, ISCO, ARCES, PVIO, HWUT, MSU, ARUT, EDM, YKA, YKA, NVAR.

ATH 26 11:38:02.9, 3787N-2040E, h23km, 2km, MD3.6/6

THE 26 11:38:02.4, 3783N-2042E, h3km, ML3.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Valsamata, Valsamata, Valsamata, Valsamata, Anninata, Levkas, Riolos of Patr.

Table with columns: RLS, SELA, ITM, KEK, THL, VLI, Sela, Ithomi, Kerkira, Klokotos Trika, Krusevo, Polygyros.

ISC 26 12:19:20.6, 1.8, 904S-12398E, h93km, 19km, mb4.0/4, mb1.3/9.8, mb1mx3.6/18, mbtmp3.8/8, Error ellipse: s-maj=35.4km s-min=16.6km az=59.0

ISCJJB 26 12:19:21.1, 0.8, 924S-010x-1238E.01, h120km, 9km, mb4.0/4, Error ellipse: s-maj=21.7km s-min=9.1km az=136.9

NEIC 26 12:19:21.6, 1.1, 921S-12374E, h102km, 13km, mb4.0/1, Error ellipse: s-maj=23.4km s-min=9.4km az=51.0

ISC 26 12:19:21.8, 0.9, 917S-010x-1238E.009, h106km, 10km, n16, 0592/24, mb4.0/4, Timor region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kupang, Kupang, Kappang, Fitzroy Crossi, Fitzroy Crossi, Kakadu, Kakadu, Warramunga Arr, WRA, WRAB, Warramunga Arr, WB2, ASAR, ASAR, CTA, Charters Tower, NWAO, NWAO, MK31, MK31, MKAR, MKAR, ZALV, Zalesovo Beam.

ISC 26 12:37:07.7, 10.0, 150S-12865E, h0km, mb3.8/3, mb1.3/9.4, mb1mx3.5/16, mbtmp3.7/14, ML3.7/1, Error ellipse: s-maj=162.9km s-min=86.5km az=138.0, Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Charters Tower, Stephens Creek.

BEO 26 12:37:20.6, 0.6, 4252N-1878E, ML2.8/4

CSEM 26 12:37:21.7, 0.2, 4266N-1878E, h28km, 1km, ML2.6, Error ellipse: s-maj=3.3km s-min=3.1km az=76.0

ISCJJB 26 12:37:22.0, 0.4, 4266N-002x-1876E.003, h19km, 4km, Error ellipse: s-maj=4.2km s-min=3.7km az=24.0

NEIC 26 12:37:22.0, 4266N-1879E, h20km, ML2.6(PDG), After PDG

PDG 26 12:37:22.0, 0.1, 4266N-1879E, h20km, MD2.6/6, ML2.6/8, Error ellipse: s-maj=0.1km s-min=0.0km az=0.0

ISC 26 12:37:22.9, 0.4, 4266N-002x-1876E.003, h12km, 3km, n27, 1010/47, 5C-90, Northwestern Australian Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Niksic, Herceg Novi, Bratogost, Brajci-Budva, Podgorica, Unac-Piva, Ulcinj, Plijevija, Ston, Berane, Plav, Sjenica, Divibare, Barje, Fruska Gora, Zavojski, Novalja, Novalja, Novalja, PKSM, PKSM, BZS, BZS, CRES, CRES, GZR, GZR, CEY, CEY, DRGR, DRGR, ARS, ARS.

NIED 26 12:47:00.2340N-12380E, h8km, Mw4.2 Best double couple: M2-24000x1015, NP13x31.00000, 888.00000, lambda-2.00000, NP2:303.01.00000, 876.00000, lambda-2.00000

ISC 26 12:47:08.8, 0.8, 2338N-12371E, h0km, mb3.9/11, mb1.0/13, mb1mx4.0/21, mbtmp3.9/13, ML4.0/2, MS3.2/4, Ms1.3/3.4, ms1mx2.9/29, Error ellipse: s-maj=34.7km s-min=17.8km az=67.0

Bull 26 12:47:09.2, 2360N-12384E, h7km, mb4.9, mb4.4, ML3.9, Ms3.8, Ms3.3

ISCJJB 26 12:47:11.5, 1.2, 2334N-004x-12376E.004, h33km, 8km, mb4.0/16, MS3.3/2, Error ellipse: s-maj=7.9km s-min=5.2km az=154.4

NEIC 26 12:47:11.7, 7.5, 1.2, 2339N-12371E, h18km, 32km, mb4.5/4









Table with columns for station name, frequency, and other parameters. Includes stations like La Plagne, Varese, Humbigny, Uccle, Ceresole Reale, Bois d'Angland, Furstenfeldbrunn, Moosalm, Wattenberg, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like Sospel, Negli, Les Rejaudoux, Ste Croix, Kasperke Hory, Gerress Array S, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like Rostrenen, DPC, EPF, ZST, MODS, OKC, VYHS, STHS, NDI, etc.





comp=Z,0.2nm,0.4s,mb3.2,baz=329,slow=3.4,SNR=2.5
ISCJB 26 15:33:55.0,2,4835N-001:664E:002,h10km,Error
ellipse: s-maj=2.1km s-min=2.0km az=28.4

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists various stations like Echery, Haudompre, Champ du Feu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Bois d'Agland, Orix, Orix-en-Rattie, etc.

NEIC 26 15:34:20.9, 1675N-9636W, h64km, MD3.9(MEX), After
MEX 26 15:34:21.6:0.7,1675N-9635W, h56km,11km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Oaxaca, Vista Hermosa, Huatulco, etc.

ISCJB 26 15:59:59.7:0.5, 1067N-003:6247W:003, h81km,6km,
Error ellipse: s-maj=5.9km s-min=3.8km az=156.4
FUNV 26 16:00:00.6, 1074N-6235W, h74km, MW3.5

ISC 26 16:00:00.7:0.5, 1069N-003:6246W:003, h74km,7km, n26,
o587/48,4C-2D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Guiria, Chachacare, Guanoco, etc.

IDC 26 16:45:48.1:1.0, 3657N-7375E, h0km, mb3.6/8,
mb1 3.9/12, mb1mx3.7/24, mb1mp3.8/12, ML4.0/3, Error
ellipse: s-maj=24.3km s-min=20.8km az=52.0

MOS 26 16:45:51.8:1.8, 3676N-7352E, h33km, mb4.1/7, Error
ellipse: s-maj=18.1km s-min=7.8km az=85.4

ISCJB 26 16:45:57.6:0.6, 3684N-003:7413E:008, h98km,8km,
mb3.7/13, Error ellipse: s-maj=10.5km s-min=3.7km
az=164.5

BUI 26 16:45:58.7, 3710N:7413E, h15km, ML3.6
NEIC 26 16:45:59.2:2.8, 3694N-7385E, h4km,22km, mb3.9/2,
Error ellipse: s-maj=28.4km s-min=15.8km az=205.0

NINC 26 16:46:04.6:7.5, 3775N-7327E, h0km, mb4.2, mpv4.1,
Error ellipse: s-maj=59.2km s-min=50.0km az=10.0

ISC 26 16:45:58.6:0.5, 3681N-003:7410E:008, h97km,7km, n73,
o1948/90,mb3.7/13, 8C-6D, Northwestern Kashmir

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Kashi, Dalhousie, Thein Dam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Tokmak 2, Kalpa, Karayay Array, etc.

comp=N,245nm,0.5s
JOSI comp=N,206nm,0.4s

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like New Delhi, Kundal, KUDL, etc.

MK31 Makanchi Array 11.69 29 eP Pn 16 48 42.5 +0.5
MKAR Makanchi Array 11.69 29 eP Pn 16 48 42.7 +0.7

DANN Dangsing 11.72 133 eP Pn 16 48 42.4 -0.2

DANN Koldanda 12.07 136 eP Pn 16 50 45.5 -6.0

GKN Gokhob 12.50 132 eP Pn 16 48 52.2 -0.7

KKN Kakani 13.04 130 eP Pn 16 48 59.0 -1.0

KKN Daman 13.07 131 eP Pn 16 51 17.5 -6.0

DMN Daman 13.07 131 eP Pn 16 48 59.4 -1.1

GUN Gumba 13.33 128 eP Pn 16 51 18.5 -5.7

JIRN Jiri 13.70 128 eP Pn 16 49 07.8 -0.9

KURK Kurchatov 14.27 12 eP Pn 16 49 20.7 +4.8

VOSK Vostochnyaya 16.06 353 eP Pn 16 49 35.6 -2.9

AB31 Akbulak array 16.14 325 Pn Pn 16 49 35.1 -4.4

BVAO Borovoye Array 16.42 352 Pn Pn 16 49 39.5 -3.4

BVAR Borovoye Array 16.42 352 Pn Pn 16 49 40.4 -2.5

BVAR Borovoye Array 16.42 352 Pn Pn 16 49 40.4 -2.5

BRVK Borovoye 16.46 352 eP Pn 16 49 41.2 -2.3

BRVK Borovoye 16.46 352 eP Pn 16 49 41.2 -2.2

ZRNK Zerenka 16.53 349 eP Pn 16 49 41.9 -2.4

AKTK Aktyubinsk 17.86 325 P Pn 16 49 59.3 -1.2

AKTO Aktyubinsk 17.86 325 P Pn 16 49 58.8 -1.7

AKTO Aktyubinsk 17.86 325 P Pn 16 49 59.3 -1.2

AKTO Aktyubinsk 17.86 325 P Pn 16 49 59.3 -1.2

ZAL Zalesovo 18.66 20 eP Pn 16 50 53.3 +0.2

ZALV Zalesovo Beam 18.68 20 P Pn 16 50 10.3 0.0

NVS Novosibirsk 19.09 16 eP Pn 16 50 13.7 -1.4

ARU Arti 22.24 337 eP P 16 50 45.5 -1.6

ARU Arti 22.24 337 eP P 16 51 15.2

ARU Arti 22.24 337 eP P 16 50 46.8 -0.3

MIB Mutribah 23.38 260 eP P 16 50 58.7 +0.1

RDF Al-Radifah 23.59 258 eP P 16 51 00.6 +0.1

NAY Al-Naieim 26.49 259 eP P 16 51 01.2 -0.3

SOMN Songino Array 26.11 55 eP P 16 51 27.6 +4.4

HIA Hailar 35.08 55 eP P 16 52 49.6 +7.5

FINES FINESS Array B 38.63 325 P P 16 53 13.5 +1.4

FINES FINESS Array B 38.63 325 P P 16 53 13.5 +1.5

ARCES ARCESS Array B 41.82 337 P P 16 53 40.1 +1.8

ARCES ARCESS Array B 41.82 337 P P 16 53 40.0 +1.8









Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Modulation, and other technical details for stations like EALK, SJFF, ERTA, etc.

IDC 26 19:23:53.9.6.0, 372N-7725W, h61km, 58km, MS3.7, mb1 3.9/4, mb1mx2.4/16, mbmtmp4.3/8, ML2.6/2, MS2.7/4, Ms1 2.8/4, ms1mx2.6/30, Error ellipse: s-maj=43.2km s-min=41.1km az=29.0, Near west coast of Colombia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Modulation, and other technical details for stations like ROSC, SDV, JTS, etc.

IDC 26 19:31:12.9.0.9, 3266Sx17866W, h0km, mb4.3/7, mb1 4.4/8, mb1mx4.2/16, mbmtmp4.3/8, ML4.1/1, MS3.2/2, Ms1 3.2/2, ms1mx2.9/21, Error ellipse: s-maj=28.0km s-min=23.7km az=49.0

NEIC 26 19:31:17.4.2.7, 3290Sx17855W, h36km, 28km, mb4.6/6, Error ellipse: s-maj=26.8km s-min=13.5km az=203.0

ISC 26 19:31:17.4.2.6, 3287S, 005x1789W, 02, h18km, 19km, n43, 0573/41, mb4.4/10, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Modulation, and other technical details for stations like MXZ, PUZ, MWZ, etc.

comp=Z,3.1nm,0.7s,baz=14,slow=4.1,SNR=16
AKASG Malin Array Be 152.71 319 PKPbc PKPbc 19 51 10.6 -2.0

ISCJB 26 19:40:18.3.1.2, 202Sx0.3x176.2W, 02, h300km, mb3.7/6, Error ellipse: s-maj=40.9km s-min=23.9km az=166.5

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Modulation, and other technical details for stations like CTA, ASAR, WRAB, etc.

IDC 26 19:58:31.8.0.9, 496Sx13218E, h0km, mb4.2/7, mb1 4.3/9, mb1mx4.1/14, mbmtmp4.3/9, ML4.6/2, Error ellipse: s-maj=41.9km s-min=17.6km az=77.0

ISCJB 26 19:58:34.6.0.5, 521Sx0.04x132.0E, 008, h33km, mb4.4/23, Error ellipse: s-maj=11.2km s-min=5.0km az=167.7

NEIC 26 19:58:37.1.0.6, 515Sx13205E, h35km, mb4.3/12, Error ellipse: s-maj=20.1km s-min=7.6km az=74.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Modulation, and other technical details for stations like KAKA, BATI, FITZ, etc.

MAN 26 20:17:42, 1790N-12046E, h7km, mb3.9, ML2.7, MS2.4, Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Modulation, and other technical details for stations like ABRA, APYP, CVP, etc.

NEIC 26 20:20:52.4.0.5, 4845Nx15537E, h10km, mb4.4/7, Error ellipse: s-maj=15.3km s-min=9.4km az=127.0

ISCJB 26 20:20:54.3.2.0, 4859N, 006x1554E, 01, h33km, 14km, mb4.2/34, MS3.5/4, Error ellipse: s-maj=14.3km s-min=6.6km az=38.4

MOS 26 20:20:54.8.1.2, 4858N, 15546E, h37km, mb4.2/17, Error ellipse: s-maj=15.1km s-min=8.5km az=88.9

ISC 26 20:20:56.2.2.1, 4862N, 006x1554E, 01, h31km, 15km, n65, 0192/68, mb4.2/34, MS3.5/4, 3C-2D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Modulation, and other technical details for stations like SKR, PET, YSS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, JOF Joensuu, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like MAN 26:20:27.1,0,594N,12507E, MIDANAO, MATI Mati, BUKI Musuan.

ISC/JB 26:20:37.04:3.0.8, 209N, 0.1x1750W, 0.1, h10km, mb3.9/8, Error ellipse: s-maj=22.7km s-min=17.1km az=136.3

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like MIDW Midway, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, PV01 Paradox Valley, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like WEL 26:20:38:0.0, 3, 3898S, 17766E, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like KNZ Kokohu, MWZ Matawai, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like DR08 Loma La Naviza, DR12 Loma Pena Alta, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like CCIG Comitan, SCX San Cristobal, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like DR08 Loma La Naviza, DR12 Loma Pena Alta, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like CCIG Comitan, SCX San Cristobal, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRA Stephens Creek, etc.

NEIC 26:21:02:49.0, 5634N-16739W, h7km, ML3.5(AEIC), After AEIC, Pribilof Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like SPIA Saint Paul Is, AKGG Akutan Green G, etc.

ISC/JB 26:21:04:23.7±2.1, 1007S, 007.786W, 02, h46km, mb3.9/5, Error ellipse: s-maj=32.2km s-min=6.5km

NEIC 26:21:04:26.2±2.5, 1016S, 7854W, h56km, mb3.9/4, Error ellipse: s-maj=27.8km s-min=13.9km az=83.0

ISC 26:21:04:27.8±1.6, 1016S, 009.785W, 02, h67km, mb3.9/5, Error ellipse: s-maj=17.6km s-min=10.5km

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like NNA Nana, ATAH Atauhaui, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like LPAZ La Paz, LVC Limon Verde, ROSC El Rosal, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like SDV Santo Domingo, SDDR Presa de Saban, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, QSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, TORO Torodi Ar, etc.

ATH 26:21:05:06.2, 3828N-2020E, h35km, 3km, MD3.2/4, Error ellipse: s-maj=9.9km s-min=4.4km az=177.1

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like LKD Levkas, VLS Valsamata, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like KFK Anninata, RLS Riolos of Patr, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

RSRP 26:21:25:10.9, 1955N-6992W, h15km, 31km, MD3.6/6, MD3.6, 4C-1D, Dominican Republic region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like DR08 Loma La Naviza, DR12 Loma Pena Alta, etc.

NEIC 26:21:36:15.8, 1631N-9826W, h5km, MD3.9(MEX), After

MEX. MEX 26:21:36:15.7±1.4, 1631N-9828W, h5km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like PNIG Pinotepe, UTMO Huajuaplan, etc.

NIED 26:21:52:00.4, 740N-15290E, h38km, Mw3.9, Best double couple: Mw=7.70000/1014, NP1=30, 300000, 890, 000000, 1, 31, 000000, NP2=218, 200000, 859, 000000, 1, 180, 000000.

ISC/JB 26:21:52:24.3±0.9, 4702N-007.1528E-01, h78km, 8km, mb3.8/15, Error ellipse: s-maj=16.3km s-min=6.7km az=135.3

MOS 26:21:52:26.8±1.5, 4716N-15279E, h96km, mb3.8/8, Error ellipse: s-maj=14.7km s-min=8.1km az=79.3

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, SKR Severo-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like SKR Kuril'sk, SKR Severo-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like NEM Nemuro 2, NEM2 Nemuro 2, etc.

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

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like MA2 Matsushiro, MA2 Matsushiro, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like SON Songino Array, SON Songino Array, etc.

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

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









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

IDC 26 23:23:06.0.3.0, 120S-10044E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/19, mtbtp3.6/4, Error ellipse: s-maj=17.4km s-min=24.4km az=50.0, Southern Sumatra

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

ISK 26 23:27:01.2, 009N-4066E, h5km, MD3.2, ISCB 26 23:27:02.7, 0.6, 4014N-004-4068E-004, h5km, 6km, Error ellipse: s-maj=7.4km s-min=4.4km az=22.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KOPT Kop Dagi, EZM Erzurum, ERZM Erzurum, etc.

IDC 26 23:27:38.1, 1.0, 1645N-9403E, h0km, mb3.9/11, mb1 4.0/11, mb1mx3.8/24, mtbtp3.9/11, Error ellipse: s-maj=48.7km s-min=18.1km az=55.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CM31 Chiang Mai Arr, CHG Chiang Mai, CHTO Chiang Mai, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like XAN Xi'an, WRA Warramunga Arr, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, MLR Muntele Rosu, FINER FINESS Array B, etc.

NNC 26 23:48:59.0.3.0, 3938N-7448E, h0km, mb4.0, mpv4.5, Error ellipse: s-maj=26.3km s-min=15.2km az=4.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSH Kashi, UCH Uchter, Ala-Archa, etc.

IDC 26 23:48:01.31.1, 3936N-747E-005, h5km, 9km, n93, s=129/108, mb4.0/25, 14C-10D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, DDI Dehra Dun, etc.

IDC 26 23:27:41.8, 2.5, 1644N-007-9405E-005, h27km, 18km, n33, c087/35, mb4.0/18, 1C, Near south coast of Myanmar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NDI New Delhi, SONA Sohna, KUDL Kundal, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BRVK Borovoye, ZRNC Zerenka, AB31 Akbulak Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NVS, NVS, NVS, NVS, NVS, NVS, LSA Lhasa, etc.

TRN 26 23:54:44.1, 1091N-5992W, h15km, MD3.0, NEIC 26 23:54:44.1, 1091N-5992W, h15km, MD3.1 (TRN), After TRN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TOSP Speyside, TOSP Prospect, TBH Brigand Hill, etc.

FUNV 26 23:54:47.7, 1081N-6013W, h16km, MW3.1, ISC 26 23:54:49.1, 1.4, 1072N-005-6015W-010, h35km, n15, c102/23, Trinidad

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

TRN 26 23:54:44.1, 1091N-5992W, h15km, MD3.0, NEIC 26 23:54:44.1, 1091N-5992W, h15km, MD3.1 (TRN), After TRN

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

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



Table with columns: Station, Name, Time, Frequency, Mode, Power, and other technical details. Includes stations like DANN Dangsing, KOLN Kalandra, APA Apafity, etc.

Table with columns: Station, Name, Time, Frequency, Mode, Power, and other technical details. Includes stations like E11A Bogner Ranch, G06A Valley Falls, K10A Bishop Farm, etc.

Table with columns: Station, Name, Time, Frequency, Mode, Power, and other technical details. Includes stations like HLID Hailey, L11A Cat Creek Ranch, M10A I.L. Ranch, etc.



Table with columns: TOR, Torodi Ar. Bea, 110.80 324, PKIKP, PKIKP, 00 19 03.7 -2.0, etc.

ISCJB 27 00:41:45.0±0.8, 156N-01:9219W-005, h24km, 5km, mb3.6/5, Error ellipse: s-maj=18.4km s-min=7.3km az=3.9

ISC 27 00:41:45.0±0.8, 156N-01:9222W-005, h223km, 5km, n23, e1940/34, mb3.6/5, Mexico-Guatemala border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, etc.

BJI 27 00:49:54.3, 4526N-12467E, h14km, ML3.5, 1C, Northeastern China

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, etc.

NIED 27 01:00:00.2410N, 12260E, h29km, Mw3.9 Best double couple: M6.88000-1014, NPF13b, 01.00000: 8.78, 00000: 1.75, 00000: NP2b-305, 00000: 8.19, 00000: 1.42, 00000: 0

ISCJB 27 01:00:02.0±0.8, 2408N-009:12263E, h40, h51km, 7km, mb3.6/6, Error ellipse: s-maj=14.3km s-min=6.5km az=4.3

JMA 27 01:00:02.1±0.2, 2406N-12262E, h37km, 4km, M3.8

NEIC 27 01:00:02.4±1.1, 2406N-12262E, h35km, MG3.9(JMA), Error ellipse: s-maj=34.0km s-min=14.6km az=52.0

ISC 27 01:00:06.1±6.3, 2406N-12249E, h71km, 60km, mb3.4/6, mb1 3.6/7, mb1mx3.4/19, mbtmp3.4/7, ML3.9/1, MS2.7/1, Ms1 2.7/1, ms1mx2.4/16, Error ellipse: s-maj=48.7km s-min=17.0km az=70.0

ISC 27 01:00:02.9±0.8, 2409N-009:12261E, h41km, 10km, n23, e080/31, mb3.6/6, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, etc.

MAN 27 01:05:15, 1049N-12525E, h9km, mb3.7, ML2.5, MS2.0, Leyte

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, etc.

ISCJB 27 01:30:49.5±1.0, 4147N-002:7283E, h04, h15km, 8km, mb4.0/16, MS3.0/5, Error ellipse: s-maj=4.6, 5km

IDC 27 01:30:49.6±0.9, 4138N-7302E, h0km, mb3.7/8, mb1 4.0/12, mb1mx3.8/25, mbtmp3.9/12, ML4.2/4, MS3.0/7, Ms1 3.0/7, ms1mx2.8/27, Error ellipse: s-maj=17.4km s-min=13.4km az=22.0

MOS 27 01:30:53.7±1.2, 4166N-7288E, h33km, mb4.3/6, Error ellipse: s-maj=11.7km s-min=7.5km az=76.4

KNET 27 01:30:54.7±0.6, 4176N-7314E, h17km, 3km, m4.3, Error ellipse: s-maj=4.4km s-min=3.7km az=108.0

NEIC 27 01:30:55.9±0.6, 4169N-7304E, h35km, mb4.2/5, Error ellipse: s-maj=11.6km s-min=7.6km az=152.0

NNC 27 01:30:56.4±0.9, 4196N-7302E, h6km, 5km, mb4.7, mpv4.5, Error ellipse: s-maj=8.8km s-min=3.3km az=1.0

BJI 27 01:31:06.5, 4136N-7392E, h32km, mb5.0, mb4.6, ML4.1, Ms3.7, Ms2.9

ISC 27 01:30:51.0±0.9, 4153N-002:7295E, h03, h6km, 6km, n98, e138/136, mb4.0/16, MS3.0/5, 25C-20D, Kyrgyzstan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, etc.





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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kappang, Fitzroy Crossi, Warramunga Arr, etc.

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

ISC/JB 27 03:02:54.6: 1.0, 2894N:004:36.18E:009, h10km, Error ellipse: s-maj=10.8km s-min=5.3km az=6.5

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

MAN 27 03:30:47, 1127N:124.26E, h22km, mb3.5, ML2.2, MS1.7, IC, Leyte

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

ISC/JB 27 04:13:26.6: 3.3, 847S:7479W, h47km, 39km, mb3.2/2, mb1.3/5, mb1mx3.3/20, mbtmp3.4/5, ML3.5/3, Error ellipse: s-maj=34.0km s-min=14.7km az=64.0, Peru-Brazil border region

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

CSEM 27 03:21:26.6: 1.1, 3726N:2460W, h5km, ML3.1, Error ellipse: s-maj=8.3km s-min=3.9km az=85.0, After PDA

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

MAN 27 04:05:00, 2170N:120.80E, h11km, Mw4.1, Best double couple: M1.780000:1015 NPI:348.00000, B78.00000, L-66.00000, NP2:103.00000, B27.00000, L-152.00000

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

ISC/JB 27 04:22:13.5: 2.8, 2904N:13996E, h493km, 31km, mb2.5/3, mb1.2/6/4, mb1mx2.5/17, mbtmp2.5/4, Error ellipse: s-maj=22.0km s-min=3.8km az=73.0

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

ISC 27 04:40:20.3.2.7, 5724N:006.12307E:009, h10km, 20km, n25, c102/22, mb3.6/7, MS3.1/5, 6C, Southeastern Siberia

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

ISCJTB 27 05:11:46.9.0.7, 3798N:003.2085E:003, h8km, 4km, mb3.5/7, Error ellipse: s-maj=5.6km s-min=3.8km az=28.9

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h m s ISC. Includes stations like Valsamata, Riolos of Patr, Ithomi, etc.

CPUP comp=2.466nm, 19.4s, baz=299, slow=40 LR LR 05 22 40.2

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

ISC 27 05:11:47.7.0.8, 3799N:003.2088E:003, h6km, 4km, n56, c137/71, mb3.5/7, 1C-1D, Ionian Sea

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h m s ISC. Includes stations like Valsamata, Riolos of Patr, Ithomi, etc.

JMA 27 05:15:42.6.0.3, 2199N:12163E, h0km, M3.8, Taiwan region

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

ISC 27 05:17:46.4.0.7, 1588S:7061W, h0km, mb4.2/9, mb1.4/3.14, mb1mx4.2/23, mbtmp4.2/14, ML4.0/4, MS3.9/15, Ms1.3.9/15, ms1mx3.7/27, Error ellipse: s-maj=20.9km s-min=15.2km az=35.0

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

ISC 27 05:05:04.7.2.6, 31S:02.1299E:02, h53km, 24km, n15, c134/15, mb4.0/4, Seram

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

ISC 27 05:17:47.1.0.3, 1592S:7057W, h0km, mb4.2/9, mb4.3/33, MS4.0/12, Error ellipse: s-maj=6.6km s-min=5.7km az=17.7

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

ISC 27 05:39:35.9.0.1, 7055N:1350W, h10km, ML3.8, Error ellipse: s-maj=7.0km s-min=2.4km az=93.0

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

ISC 27 05:11:46.1.2, 3813N:2082E, h0km, mb3.6/7, mb1.3/6/10, mb1mx3.5/25, mbtmp3.5/10, ML3.2/3, Error ellipse: s-maj=24.7km s-min=19.1km az=89.0

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

ISC 27 05:17:47.1.0.3, 1592S:7057W, h0km, mb4.2/9, mb4.3/33, MS4.0/12, Error ellipse: s-maj=6.6km s-min=5.7km az=17.7

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

ISC 27 05:39:39.4.0.7, 7074N:1436W, h10km, ML3.8, Error ellipse: s-maj=12.7km s-min=11.8km az=220.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IREN, ISVA, IADA, IGLU, IWA, IBRU, IVSH, DAG, BORG, SPITS, ARCES, NOA, HFS, HFS, HFS, HFS, FINES, FINES, FINES, RES, RES, WLF, GERES, GERES, VRAOC, VRAOC, AKASG, AKASG, YKA, YKA, YKA, YKA, YKA, TORO, TORO, TORO.

IDC 27 05:39:44.1,2.2,539S:-15035E,h0km,mb3.6/3,mb1 3.9/3, mb1mx3.6/14,mbtmp3.7/3,MS3.1/1,Ms1 3.1/1, ms1mx2.6/18,Error ellipse: s-maj=92.3km s-min=38.9km az=126.0,New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CTA, WRA, WRA, ASAR, FITZ, FITZ, TORO, TORO, TORO.

NEIC 27 05:50:50.2,1.2,818S:10858E,h59km,11km,mb4.4/14, Error ellipse: s-maj=10.3km s-min=8.3km az=225.0
NEIC Feit [III] at Cilacap.
ISCJB 27 05:50:53.2,0.6,808S:008:10877E,0.05,h102km,6km, mb4.2/20,Error ellipse: s-maj=13.9km s-min=6.4km az=28.1
IDC 27 05:50:54.3,5.0,807S:10882E,h92km,44km,mb3.9/10, mb1 4.0/12,mb1mx3.8/21,mbtmp3.9/12,MS3.2/4, Ms1 3.2/4,ms1mx3.0/25,Error ellipse: s-maj=30.0km s-min=13.9km az=70.0

ISC 27 05:50:54.1,0.6,812S:007:10876E,0.05,h93km,6km,n65, r1506/48,mb4.2/20,1D,Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BJII, JCJI, LEM, SKJI, DBJI, CBJI, SJI, XMSI, XMSI, TPI, LWLI, NBBI, KHKI, MTNI, KSI, KRJI, KAPI, KAPI, PSI, BATI, MBWA, FITZ, FITZ, FITZ, FITZ, AAI, KAKA, NWAO, WRA, WRA, WRAB, WRAB, ASAR, ASAR, ASAR, COEN, CTA, CTA, STKA, STKA, STKA, MJAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONM, SONM, CONY, TKMK, MKR1, MKR1, MKR1, EK2S, YSS, MAW, MAW, BVAR, BRVK, VVDA, VVDA, TIXI, TIXI, GQSA, VNA2, VNA2, YKA, NVAR, DUG, DUG, CPUP, CPUP, CCM, JCT, JCT, BINY, BINY, MIAR, BDFB, PLAL, LVC, SWLET, LPAZ, LPAZ, KSR, KSR, SEK, SEK, SEK, SWZ, SWZ, SWZ.

PRE 27 06:12:33.3,1.0,2637S:-2753E,h2km,ML1.1,South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KLOF, KLOF, KLOF, PRYS, PRYS, PRYS, ERPM, ERPM, ERPM, KSR, KSR, KSR, SEK, SEK, SEK, SWZ, SWZ, SWZ.

ISCJB 27 06:26:16.2,0.4,3532S:008:7867E,0.09,h10km, mb4.5/26,MS4.2/20,Error ellipse: s-maj=12.3km s-min=10.1km az=173.4

MOS 27 06:26:16.0,0.8,3529S:7868E,h10km,mb4.8/6,Error ellipse: s-maj=16.7km s-min=16.7km az=101.4

IDC 27 06:26:16.2,0.6,3521S:7864E,h0km,mb4.4/15, Mb1 4.5/19,ms1mx4.2/22,Error ellipse: s-maj=20.0km s-min=15.1km az=179.0

GCMT 27 06:26:17.6,0.2,3518S:7864E,h19km,1km,MW5/077, Moment Tensor Solution: s37,c45; s77,c112; Duration: 0 Moment tensor: Scale 10^19N; Mw=0.409; 14; Mw=0.482; 15; Mw=0.513; 30; Mw=0.40; 12; Mw=0.36; 28; Best double couple: M=4.52400x1016 Np1=313.00000; 81.00000; -176.00000; NP2: q=222.00000; 888.00000; -3.90000; Principal axes: T 4.8590, P193.0000; Az=298.0000; N -0.6670. P181.0000; Az=19.0000; P -4.1890, P193.0000; Az=177.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 27 06:26:17.6,0.3,3519S:7864E,h10km,mb4.6/4 Error ellipse: s-maj=9.5km s-min=7.2km az=182.0

BUI 27 06:26:17.6,3.5,205S:7860E,h10km,mb5.1,mb4.7,Ms4.5, Ms2.0

ISC 27 06:26:18.0,0.4,3528S:009:7865E,0.09,h10km,n51, r0874/1,mb4.5/26,MS4.2/20,1D,Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NWAO, MAW, MAW, FITZ, FITZ, FITZ, BOSA, BOSA, LBTB, SUR, BATI, KAPI, ASAR, LSZ, LSZ, LSZ, WRA, WRA, WRA, WRA, WRAB, WRAB, KMBI, STKA, STKA, VVDA, VVDA, VVDA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like QSPA, QIZ, QIZ, QIZ, QIZ, GYA, GYA, KBL, KBL, KBL, WHN, XAN, XAN, XAN, XAN, LZH, LZH, LZH, PMSA, PMSA, PMSA, PMSA, NJ2, NJ2, NJ2, GNI, GNI, GNI, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, KIV, KIV, KIV, KRSR, KRSR, KRSR, KURK, KURK, KURK, SONM, SONM, SONM, ULN, ULN, ULN, TORO, TORO, TORO, TORO, TORO, TORO, ZAK, ZAK, ZAK, DBIC, DBIC, DBIC, MJAR, MJAR, MJAR, HIA, HIA, HIA, ARU, ARU, ARU, ARU, ARU, KEST, PLCA, YCHO, YCHO, YKA.

IDC 27 06:43:07.2,1.1,3272N:8995E,h0km,mb3.6/4,mb1 3.8/5, mb1mx3.5/21,mbtmp3.5/21,Error ellipse: s-maj=60.7km s-min=27.3km az=55.0,Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MKAR, WRA, ASAR, TORO, YKA, KEST, PLCA, YCHO, YKA, MKAR, WRA, ASAR, TORO, YKA, KEST, PLCA, YCHO, YKA.

IDC 27 06:49:56.0,0.6,681N:7200W,h10km,MW4.4, ISCJB 27 06:49:56.0,0.6,681N:7200W,h10km,59km,6km, mb4.1/12,Error ellipse: s-maj=6.4km s-min=5.1km az=24.6

NEIC 27 06:49:56.9,0.8,683N:7186W,h49km,8km,mb4.1/5, Error ellipse: s-maj=9.0km s-min=7.8km az=179.0

IDC 27 06:49:56.6,1.6,683N:7193W,h46km,16km,mb3.8/8, mb1 4.1/13,ms1mx3.9/26,mbtmp4.1/13,1Mk4.3/3,MS2.8/5, s-min=19.4km az=90.0

ISC 27 06:49:56.0,0.6,676N:004:7188W,0.03,h43km,7km,n57, r111/63,mb5.0/12,1C-4D,Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CAPV, CAPV, CAPV, SANC, SANC, SANC, QARV, QARV, QARV, CURV, CURV, CURV, VIVV, VIVV, VIVV, SDOV, SDOV, SDOV, ROSC, ROSC, ROSC, ROSC, SANV, SANV, SANV, QARV, QARV, QARV, CURV, CURV, CURV, VIVV, VIVV, VIVV, SIQV, SIQV, SIQV, BAUV, BAUV, BAUV, PAVV, PAVV, PAVV.





Table with columns: Station ID, Name, Frequency, Power, and other details. Includes stations like U18A Rough Rock, Ch, SMCO Snowmass, Y15A Casa Blanca, etc.

Table with columns: Station ID, Name, Frequency, Power, and other details. Includes stations like TPWA Teton Pass, Q11A Duckwater, M14A Sheep Mountain, etc.

Table with columns: Station ID, Name, Frequency, Power, and other details. Includes stations like E13A Victor, I10A Payette, D14A Greenough, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes stations like Green Mountain, Neilton Lookou, Olympics-Snow, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details. Includes stations like Kozani, Klokotos Trika, Ohrid, etc.

CSEM 27 08:17:47.4-0.3, 3844N:3014E, h15km, MD2.7, Error ellipse: s-maj=6.9km s-min=6.0km az=73.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details. Includes stations like SHUT, TKTP, AKT, etc.

PGC 27 08:36:44.5-1.4, 5618N:13465W, h1km, ML3.0/6, 105km southeast of Sitka, AK Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details. Includes stations like Sitka, CRAG, WRAP, etc.

MAN 27 08:42:39, 834N:12335E, h1km, mb4.1, ML2.9, MS2.6, 1C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details. Includes stations like DCPH, PAgadigan, PAgZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details. Includes stations like UCH, EKS2, AML, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details. Includes stations like ZAL, ZAAO, ZALV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details. Includes stations like BVAR, Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details. Includes stations like AKTO, Aktyubinsk, etc.

IDC 27 09:27:51.7-20.0, 1859S:6817W, h204km, 100km, mb3.0/2, mb1.3/1.4, mb1mx3.0/1.7, mbtmsp3.0/4, Error ellipse: s-maj=363.8km s-min=37.1km az=19.0, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details. Includes stations like LPAZ, SIV, TORO, etc.

CSEM 27 08:03:28.9-0.1, 4040N:2182E, h39km, 1km, MD3.2, Error ellipse: s-maj=4.9km s-min=3.8km az=78.0

WMO comp=N, 87nm, 0.7s

ISCJB 27 10:06:50.5-0.4, 4565N:003:2652E, h014, h155km, 3km, Error ellipse: s-maj=4.9km s-min=4.2km az=177.4







Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WARRAMUNGA ARR, ALICE SPRINGS, and various regional stations.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WARRAMUNGA ARR, ALICE SPRINGS, and various regional stations.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KUSLUJ ULIJIN, SONSECA ARRAY, and various regional stations.



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

Plg7.0000", Azm220.0000"; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.
BUJ 27 18:12:34.9, 19.705, 174.21W, h13km, mB5.6, mb5.6, Ms5.1, Ms2.9

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

ISCJB 27 18:05:06.6, 0.4, 438N.003x10522W.005, h0km, mb3.9/2, Error ellipse: s-maj=5.2km s-min=4.3km az=28.8
IDC 27 18:05:07.5, 2.3, 436N.10529W, h0km, mb3.8/2, mb1 3.8/5, mb1mx3.5/24, mbtrp3.6/5, ML2.9/2, Error ellipse: s-maj=74.0km s-min=14.1km az=143.0

ISC 27 18:12:34.8, 1.1, 201S5.003x17452W, h10km, mb5.8(NEIC)
MOS 27 18:12:38.6, 1.0, 198S5.17447W, h33km, mb5.8/67, MS5.0/68, Error ellipse: s-maj=10.0km s-min=7.0km az=69.3

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

NEIC 60 km [35 miles] SSE of Gillette, ISC 27 18:05:08.7, 0.4, 438N.1003x10524W.004, h0km, n57, c074/65, mb3.9/2, 11C-SD, Wyoming

ISC 27 18:12:41.3, 0.1, 201S5.003x17453W.003, h52km, h52km, 7km, p-P, n1304, c069/75/33, mb5.7/150, MS5.0/215, 209C-155D, Tonga Islands

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

Main table listing seismic stations with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RSSD, PHWY, RWWY, etc.

Main table listing seismic stations with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AFU, AFU, AFU, etc.

Main table listing seismic stations with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TAU, STKA, STKA, etc.

NEIC 27 18:12:34.8, 1.1, 2007S.17452W, h7km, 10km, mb5.8/116, MS5.1/176, MW5.6, Error ellipse: s-maj=5.0km s-min=2.8km az=126.0, Moment Tensor Solution. s37
Moment tensor: Scale 10^17Nm; Mr:2.60; Mw:2.09; Mo:0.51; M0:0.44; M1:0.52; M2:1.22; Best double couple: M3:1.0000x10^17 NP1:0.279, 0.0000, 0.347, 0.0000, 1.56, 0.0000, NP2:0.144, 0.0000, 0.53, 0.0000, 1.22, 0.0000, Principal axes: T: 3.1900, P: 6.65, 0.0000, Azm1: 16.0000, N: -0.1700, P: 25.0000, Azm3: 304.0000, P: -3.0200, Plg3.0000, Azm2: 2.0000

NEIC 27 18:12:34.8, 1.1, 2007S.17452W, h7km, 10km, mb5.8/116, MS5.1/176, MW5.6, Error ellipse: s-maj=5.0km s-min=2.8km az=126.0, Moment Tensor Solution. s37
Moment tensor: Scale 10^17Nm; Mr:2.60; Mw:2.09; Mo:0.51; M0:0.44; M1:0.52; M2:1.22; Best double couple: M3:1.0000x10^17 NP1:0.279, 0.0000, 0.347, 0.0000, 1.56, 0.0000, NP2:0.144, 0.0000, 0.53, 0.0000, 1.22, 0.0000, Principal axes: T: 3.1900, P: 6.65, 0.0000, Azm1: 16.0000, N: -0.1700, P: 25.0000, Azm3: 304.0000, P: -3.0200, Plg3.0000, Azm2: 2.0000

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





27d 18h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like H03A Soap Creek Ran, INCN Inchon, K05A Summer Lake, etc.

2007 MAY

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like Z17A San Carlos Hig, 118A Homack Ranch, J07A Hines, etc.

904

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like NJ2 Nanjing, NJ2 Natchez, NJ2 Pilot Rock, etc.

SIT	comp-Z,93nm,1.3s,mb5.8	pmx	pmx		
SIT	Sitka 83.63 20 eP	P		18 25 03.4 -0.3	
K13A	Stover Farm, H 83.64 40 J P	P		18 25 04.5 +0.3	
H11A	Donnelly 83.69 38 P	P		18 25 04.2 -0.1	
QIZ	Qiongzhong 83.70 293 P	P		18 25 05.5 +0.5	
QIZ	comp-Z,15nm,1.9s,mb4.8	PP	PP	18 28 16.5 -2.2	
QIZ	comp-Z,15nm,1.9s,mb4.8	AMB	AMB	18 35 26.0 +1.8	
QIZ	comp-Z,306nm,28.3s	LR	LR		
QIZ	Qiongzhong 83.70 293 PFAKE	LR	LR	18 25 20.0 +1.5	
MPU	Maple Canyon 83.72 43 eP	P		18 25 04.5 -0.1	
MPU	comp-Z,261nm,19.0s,MS4.6	LR	LR		
DL2	Dalian 83.74 315 P	P		18 25 05.5 +0.7	
DL2	comp-Z,40nm,1.3s,mb5.4	S	AMB	18 35 29.5 +5.8	
DL2	comp-Z,160nm,4.9s	AMB	AMB		
DL2	comp-N,190nm,15.3s,MS4.7	LR	LR		
DL2	comp-E,160nm,16.0s,MS4.7	LR	LR		
NOQ	North Oquirrh 83.75 43 eP	P		18 25 04.7 -0.1	
F10A	Beach Ranch, E 83.77 36 J P	P		18 25 04.3 -0.5	
B07A	Winthrop 83.78 33 J P	P		18 25 04.4 -0.3	
OD2	Odessa Site #2 83.83 34 P	P		18 25 05.0 -0.1	
D09A	Jones Farm, RI 83.84 35 J P	P		18 25 04.8 -0.3	
SPUT	South Promonto 83.90 42 eP	P		18 25 05.2 -0.3	
C08A	Higginbotham F 83.90 34 J P	P		18 25 05.1 -0.3	
Y22C	IRIS PASSCAL I 83.91 51 J P	P		18 25 06.9 +1.2	
LAZ	Ladron 83.91 50 eP	P		18 25 06.5 +0.8	
LAZ	comp-Z,96nm,1.1s,mb5.8	pP	P	18 25 21.9 +1.0	
MNTX	Cornudas Mount 83.91 53 eP	P		18 25 05.6 -0.2	
MNTX	comp-Z,554nm,22.0s,MS4.9	e	pP	18 25 21.0 +0.1	
LENM	Lemitar 83.92 50 eP	P		18 25 06.1 +0.3	
LENM	comp-Z,130nm,1.2s,mb5.9	e	pP	18 25 20.9 +0.1	
KLR	Kul'dur 83.92 328 eP	pmax	pmax	18 25 02.1 -3.4	
KLR	comp-E,28nm,1.6s	pmax	pmax		
HVU	Hansel Valley 83.96 41 eP	P		18 25 05.6 -0.2	
HVU	comp-Z,57nm,1.6s,mb5.5	e	pmax	18 25 20.7 -0.2	
HVU	Hansel Valley 83.96 41 eP	P		18 25 05.5 -0.3	
HVU	comp-Z,49nm,0.8s,mb5.7	e	pP	18 25 20.6 -0.2	
SRU	San Rafael 83.96 45 eP	pmax	pmax	18 25 06.2 +0.3	
SRU	comp-Z,161nm,1.2s,mb6.0	e	pP	18 25 06.2 +0.3	
G11A	Walters Elk Ra 83.96 37 P	P		18 25 05.5 -0.3	
HLID	Hailey 83.96 39 eP	P		18 25 06.0 +0.2	
HLID	comp-Z,127nm,1.0s,mb6.0	e	pP	18 25 21.0 +0.1	
HLID	comp-Z,785nm,22.0s,MS5.0	e	LR		
HLID	Hailey 83.96 39 P	P		18 25 06.3 +0.5	
PMR	Palmer 83.96 12 P	pmax	pmax	18 25 03.4 -2.0	
PMR	comp-Z,120nm,1.3s,mb5.9	e	P	18 25 04.5 -0.9	
M15A	Larsen Ranch, 83.99 42 J P	P		18 25 05.8 -0.2	
CTU	Camp Tracy 84.01 43 eP	P		18 25 05.9 -0.2	
J13A	Cove Ranch, PI 84.01 40 P	P		18 25 06.5 +0.4	
A07A	Ashnola River, 84.02 32 P	P		18 25 05.9 0.0	
CN2	Changchun 84.05 321 eS	S		18 25 07.0 +0.8	
CN2	comp-Z,50nm,1.2s,mb5.5	AMB	AMB	18 35 32.0 +5.4	
CN2	comp-Z,500nm,10.0s	LR	LR		
CN2	comp-N,190nm,22.0s,MS4.7	LR	LR		
CN2	comp-E,290nm,22.0s,MS4.7	LR	LR		
CN2	comp-Z,370nm,23.0s,MS4.7	LR	LR		
SNY	Shenyang 84.07 318 J P	P		18 25 07.0 +0.6	
SNY	comp-Z,200nm,3.9s	AMB	AMB	18 35 28.5 +1.6	
SNY	comp-N,264nm,17.7s,MS4.9	LR	LR		
SNY	comp-E,326nm,18.9s,MS4.9	LR	LR		
TTA	Tatalina 84.08 8 eP	pP	pmax	18 25 05.9 0.0	
TTA	comp-Z,280nm,1.6s,mb6.1	e	pmax	18 25 20.4 -0.6	
TTA	Tatalina 84.08 8 eP	P		18 25 05.2 -0.7	
B08A	Colville Reser 84.11 33 J P	P		18 25 05.7 -0.8	
WRAK	Wrangell Islan 84.14 22 eP	P		18 25 06.5 +0.2	
WRAK	comp-Z,88nm,1.1s,mb5.8	LR	LR		
K14A	Jones Ranch, D 84.14 41 P	P		18 25 06.8 +0.1	
E10A	Myers Farm, Un 84.14 36 J P	P		18 25 06.0 -0.7	
JLU	Jordanelle 84.15 43 eP	P		18 25 06.7 -0.1	
BNN	Barren Site 84.16 51 eP	e	pP	18 25 07.5 +0.5	
BNN	Daniels Canyon 84.17 43 eP	e	pP	18 25 22.6 +0.5	
DAU	Los Pinos Moun 84.23 50 eP	P		18 25 07.0 +0.3	
LPM	Divide 84.24 14 eP	pP	pP	18 25 22.8 +0.3	
DIV	comp-Z,140nm,0.9s,mb6.1	LR	LR	18 25 06.2 -0.6	
H12A	Diamond D Ranch 84.27 38 P	P		18 25 07.2 -0.1	
F11A	Grangeville 84.31 37 J P	P		18 25 06.0 -1.5	
SML	Sawmill 84.32 12 eP	P		18 25 06.5 -0.7	
C09A	Christman Ranch 84.32 34 J P	P		18 25 06.5 -1.0	
I13A	Wildhorse Cree 84.34 39 P	P		18 25 08.0 +0.3	
MVCO	Mesa Verde 84.34 47 eP	P		18 25 08.0 0.0	
MVCO	comp-Z,102nm,1.3s,mb5.8	LR	LR		
MVCO	comp-Z,707nm,21.0s,MS5.0	P	P	18 25 08.3 +0.4	
MA2	Magadan 84.36 343 eS	SS		18 25 06.5 -0.9	
MA2	comp-Z,84,SNR=193	eS	SS	18 35 28.7 -0.3	
MA2	comp-Z,84,SNR=193	eS	SS	18 40 54.8 -5.7	
MA2	comp-Z,84,SNR=193	eS	SS	18 44 25.8	
MA2	comp-Z,60nm,1.5s,mb5.5	pmax	pmax		

MA2	comp-Z,200nm,17.7s	MLR	MLR		
MA2	Magadan 84.36 343 eP	P		18 25 06.4 -1.0	
MA2	comp-E,46nm,1.1s,mb5.5	e	pP	18 25 18.4 -4.1	
D10A	Wagner Farm, O 84.40 35 J P	P		18 25 07.2 -0.7	
A08A	Turner Farm, O 84.52 33 P	P		18 25 08.4 -0.1	
E11A	Bogner Ranch, 84.56 36 P	P		18 25 07.3 -1.5	
PV10	Paradox Valley 84.57 46 eP	P		18 25 08.9 -0.1	
HWUT	Hardware Ranch 84.62 42 eP	P		18 25 08.5 -0.7	
HWUT	comp-Z,647nm,22.0s,MS5.0	LR	LR		
COCO	West Island 84.62 259 PFAKE	LR	LR	18 25 20.0 +1.0	
H13A	Challis 84.63 39 P	P		18 25 09.2 0.0	
ANMO	Albuquerque 84.67 50 eP	P		18 25 10.0 +0.4	
ANMO	comp-Z,3,0nm,0.7s	e	pmax	18 25 25.3 +0.6	
ANMO	comp-Z,772nm,22.0s	MLR	MLR		
ANMO	Albuquerque 84.67 50 eP	P		18 25 10.0 +0.4	
ANMO	comp-Z,3.5nm,0.7s,mb5.6	e	pP	18 25 25.3 +0.6	
F12A	Elk City 84.75 37 P	P		18 25 09.4 -0.3	
PV01	Paradox Valley 84.76 46 eP	P		18 25 09.8 -0.2	
PV01	comp-Z,34nm,1.0s	pP	pP	18 25 24.3 -0.8	
B09A	Rice 84.77 34 J P	P		18 25 09.2 -0.6	
C10A	Spilker Farm, 84.85 35 J P	P		18 25 09.6 -0.6	
A09A	Danville 84.89 33 P	P		18 25 10.2 -0.1	
D11A	Klaveano Farm, 84.91 36 P	P		18 25 09.5 -1.0	
G13A	Colby 84.95 38 P	P		18 25 10.5 -0.2	
B10A	Chitwood Farm, 85.18 34 J P	P		18 25 11.4 -0.4	
NEW	Newport 85.22 34 eP	pmax	pmax	18 25 11.0 -1.0	
NEW	comp-Z,34nm,1.0s	e	MLR	18 25 21.0 +0.1	
NEW	Newport 85.22 34 eP	P		18 25 11.0 -1.0	
NEW	comp-Z,34nm,1.0s,mb5.4	LR	LR		
F13A	Darby 85.29 38 J P	P		18 25 12.0 -0.5	
A10A	Northport 85.42 34 J P	P		18 25 12.7 -0.4	
D12A	Red Ives Forest 85.45 36 J P	P		18 25 12.4 -0.8	
TIA	Tai'an 85.47 311 J P	AMB	AMB	18 25 14.3 +0.7	
G14A	Jackson 85.48 38 J P	P		18 25 13.4 0.0	
AHID	Auburn Hatcher 85.54 41 eP	P		18 25 13.4 -0.3	
AHID	comp-Z,112nm,1.1s,mb6.0	LR	LR		
SKAG	Skagway 85.56 19 eP	P		18 25 13.9 +0.5	
TNA	Tin City 85.59 3 PFAKE	LR	LR	18 25 20.0 +6.5	
E13A	Victor 85.75 37 J P	P		18 25 13.8 -0.9	
F14A	Wisdom 85.86 38 P	P		18 25 14.9 -0.3	
DCID1	Drake Creek 85.93 41 eP	P		18 25 16.6 +0.9	
D13A	Huson 85.97 36 P	P		18 25 14.7 -1.1	
G15A	Dillon 86.01 39 P	P		18 25 16.1 +0.1	
REDW	Red Top Meadow 86.01 41 eP	P		18 25 15.8 -0.3	
TPAW	Teton Pass 86.02 41 eP	P		18 25 16.3 +0.2	
A11A	Hall Mountain 86.04 34 P	P		18 25 16.3 +0.2	
DLMT	Dillon 86.06 39 eP	P		18 25 16.0 -0.3	
DLMT	comp-Z,106nm,1.0s,mb6.0	e	pP	18 25 31.4 0.0	
MSO	Missoula 86.11 37 eP	LR	LR	18 25 15.1 -1.4	
SNOW	Snow King Moun 86.12 41 eP	P		18 25 16.6 0.0	
E14A	Clinton 86.13 37 J P	P		18 25 16.2 -0.4	
IMW	Indian Meadow 86.24 40 eP	P		18 25 16.1 -1.1	
IMW	comp-Z,73nm,1.0s,mb5.9	e	pP	18 25 31.2 -1.1	
C13A	Hot Springs 86.25 36 P	P		18 25 16.1 -1.0	
LOHW	Long Hollow 86.30 14 eP	P		18 25 16.6 -0.9	
MENT	Mentasta 86.30 14 eP	P		18 25 17.0 0.0	
IPM	Ipoth 86.32 276 J P	P		18 25 19.9 +1.6	
SMCO	Snowmass 86.37 46 eP	P		18 25 17.8 -0.1	
F15A	Butte 86.38 38 J P	P		18 25 17.4 -0.5	
A12A	Yaak River Ran 86.40 34 J P	P		18 25 17.8 -0.1	
DLBC	Dease Lake 86.49 22 eP	P		18 25 18.1 0.0	
DLBC	Dease Lake 86.49 22 P	P		18 25 18.2 +0.1	
FLWY	Flagg Ranch 86.49 40 eP	P		18 25 18.3 -0.1	
D14A	Greenough 86.50 37 J P	P		18 25 17.3 -1.1	
BW06	Boulder Arroy 86.50 42 PFAKE	LR	LR	18 25 30.0 +1.1	
YFT	Old Faithful 86.60 40 eP	P		18 25 20.0 +1.0	
E15A	Deer Lodge 86.62 38 J P	P		18 25 18.5 -0.5	
YMR	Madison River 86.64 40 eP	P		18 25 20.1 +1.0	
SDCO	Great Sand Dun 86.69 48 eP	P		18 25 19.4 -0.1	
SDCO	comp-Z,21nm,1.0s,mb5.3	e	pP	18 25 34.4 -0.3	
B13A	Whitefish 86.71 35 J P	P		18 25 18.5 -0.9	
C14A	Swan Lake 86.75 36 J P	P		18 25 18.3 -1.3	
BOZ	Bozeman (W) 86.78 39 eP	e	pP	18 25 19.4 -0.4	
BOZ	comp-Z,67nm,1.2s,mb5.8	e	pmax	18 25 34.7 -0.2	
BOZ	comp-Z,844nm,21.0s,MS5.1	MLR	MLR	18 25 19.4 -0.4	
BOZ	Bozeman (W) 86.78 39 eP	P		18 25 19.4 -0.4	
BOZ	comp-Z,67nm,1.2s,mb5.8	e	pP	18 25 34.7 -0.2	
BOZ	comp-Z,844nm,21.0s,MS5.1	P	J P	18 25 19.5 -0.3	
SEY	Seymchan 86.81 346J eP	P		18 25 19.0 -0.5	
KULM	Kulim 86.81 346J eP	P		18 25 19.1 -0.4	
D15A	Lincoln 86.96 277 eP	P		18 25 22.8 +1.3	
A13A	Flathead Natio 87.06 35 J P	P		18 25 20.8 -0.2	
PLCA	Paso Flores 87.13 132 P	P		18 25 20.7 -0.4	

PLCA	comp-Z,29nm,1.0s	*PP	pP		
PLCA	comp-Z,29nm,1.0s <td>pmax</td> <td>pmax</td> <td>18 25 36.6 -0.3</td> <td></td>	pmax	pmax	18 25 36.6 -0.3	

27d 18h

2007 MAY

Table with columns: LAO, LASA Array, 90.53, 40, eP, P, 18 25 37.6, 0.0, 18 25 53.1, +0.3, etc.

Table with columns: CHTO, Chiang Mai, 93.20, 289, eP, P, 18 25 51.6, +1.0, 18 25 53.1, +1.0, etc.

Table with columns: LPAZ, La Paz, 99.17, 111, P, P, 18 26 18.7, +0.9, 18 26 18.7, +1.0, etc.



Table with columns for station call signs, names, coordinates, frequencies, and various status codes. Includes stations like SWK, NIE, KZT, CANT, UZH, CRVS, etc.







Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cannon Point, Lake Taylor, Moikau Station, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FINESSE Array, ARCES ARCESS Array, etc.

IDC 27 22:13:16.5:3.9, 130N-9902E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.4/20, mbtmp3.5/4, Error ellipse: s-maj=156.7km s-min=26.5km az=57.0, Northern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, SOMNI Songino Array, etc.

TIF 27 22:30:07.3, 4118N-4401E, h11km, 4km, ISCJB 27 22:30:08.1, 1.2, 4120N-006:4397E-005, h11km, Error ellipse: s-maj=8.1km s-min=5.3km az=9.2

ISCJB 27 21:53:36.6:1.0, 3339N-003:7235E-005, h12km, 6km, mb3.5/7, Error ellipse: s-maj=8.3km s-min=3.8km az=145.7

IDC 27 21:53:37.8:1.2, 3355N-7250E, h0km, mb3.5/7, mb1 3.7/10, mb1mx3.6/24, mbtmp3.6/10, ML3.6/3, Error ellipse: s-maj=40.0km s-min=20.3km az=54.0

ISCJB 27 21:53:38.3:1.9, 3356N-7218E, h10km, ML3.3, NNC 27 21:53:39.7:6.9, 3326N-7201E, h32km, 66km, mb3.4, Error ellipse: s-maj=75.4km s-min=34.8km az=103.0

NEIC 27 21:53:39.4:1.0, 3346N-7255E, h10km, Error ellipse: s-maj=16.8km s-min=15.9km az=130.0

MOS 27 21:53:40.8:0.7, 3356N-7234E, h33km, mb4.2/3, Error ellipse: s-maj=30.4km s-min=12.7km az=94.2

ISC 27 21:53:38.4:0.6, 3341N-003:7231E-005, h10km, 5km, n50, r1945/60, mb3.5/7, 4C-5D, Pakistan

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

ISCJB 27 22:30:08.1, 1.2, 4120N-006:4397E-005, h11km, Error ellipse: s-maj=8.1km s-min=5.3km az=9.2

MOS 27 22:30:08.2:2.7, 4125N-4478E, h10km, mb3.8/1, Error ellipse: s-maj=99.9km s-min=16.3km az=99.7

CSEM 27 22:30:08.2, 4125N-4478E, h10km, mb3.8, Error ellipse: s-maj=99.9km s-min=16.3km az=97.0, After OBN

ISC 27 22:30:08.0:1.4, 4116N-006:4397E-005, h5km, 10km, n11, r0922/21, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKH Akhalkalaki, TBGL Delisi, etc.

IDC 27 22:37:05.9:5.9, 1871S-17650W, h0km, mb3.8/2, mb1 4.1/2, mb1mx3.6/14, mbtmp3.8/2, Error ellipse: s-maj=298.1km s-min=53.0km az=148.0, Fiji Islands region

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

IDC 27 23:16:58.4:1.7, 665N-12695E, h0km, mb3.5/5, mb1 3.6/5, mb1mx3.5/19, mbtmp3.5/5, Error ellipse: s-maj=116.8km s-min=20.3km az=71.0

ISCJB 27 23:17:11.0:0.9, 660N-008:1270E-01, h132km, 8km, mb3.6/9, Error ellipse: s-maj=20.7km s-min=12.5km az=159.4

MAN 27 23:17:10, 662N-1270E, h115km, mb4.7, ML3.6, MS3.6, NEIC 27 23:17:12.4:1.5, 665N-12695E, h125km, 14km, mb4.2/4, Error ellipse: s-maj=21.8km s-min=12.1km az=72.0

ISC 27 23:17:12.1:1.0, 659N-008:1270E-01, h123km, 9km, n21, r1506/21, mb3.7/9, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MATI Mati, DAV Davao City, etc.

CSEM 27 23:19:52.5, 3606N-272E, h0km, ML3.7, After ALG, CFAAG 27 23:19:52.5, 3606N-272E, ML3.7, Northern Algeria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EMHD Djebel Mahoud, ABA Djebel Bouzare, etc.

IDC 27 23:48:13.3:9.9, 060S-12718E, h143km, 96km, mb3.1/3, mb1 3.4/4, mb1mx3.1/16, mbtmp3.2/4, Error ellipse: s-maj=77.7km s-min=22.7km az=51.0, Halmahera

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ATH 27 23:51:33.1, 3707N-2863E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YER Yerkesik, DAL Dalgan (Mudla), etc.

ISCJB 27 23:58:40.2:0.6, 307S-007:235E-01, h10km, mb3.9/10, Error ellipse: s-maj=16.5km s-min=10.1km az=175.5

IDC 27 23:58:40.5:0.8, 307S-2357E, h0km, mb4.0/9, mb1 4.1/2, mb1mx3.9/25, mbtmp4.0/12, ML2.4/2, MS2.9/2, Ms1 2.9/2, ms1mx2.6/27, Error ellipse: s-maj=24.5km s-min=14.8km az=85.0

NEIC 27 23:58:42.0:0.4, 307S-2353E, h10km, mb4.1/1, Error ellipse: s-maj=12.3km s-min=7.6km az=85.0

ISC 27 23:58:42.0:0.6, 307S-007:235E-01, h10km, n14, r0555/16, mb3.9/10, Zaire

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LSZ Lusaka, LSZ 0.7nm, 0.3s, baz=355, slow=9.7, SNR=19, etc.

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR

ISCJB 27 00:07:13.3, 1.2nm, 0.3s, baz=291, slow=19, SNR=3.4, LR



Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Includes stations like OVALLE, LIMON VERDE, CORONEL FONTAN, etc.

Table with columns: CLNS, comp, E, 11nm, 0.5s, pmax, pmax. Includes stations like CLNS, TDR, CLNS, etc.

Table with columns: JNAR, Tanegashima 3, 0.59 213, S, Sn, 03 40 03.3 -1.8. Includes stations like JNAR, JTN, JZT, etc.

MOS 28 02:54:13.3±2.2, 5640N:11607E, h167km, mb4.1/3, Error ellipse: s-maj=13.7km s-min=9.2km az=55.1

BYKL 28 02:54:13.6±0.3, 5639N:11605E, h2215km, 3C-3D, East of Lake Baykal

Main table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Lists numerous stations and their associated data.

Main table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Lists numerous stations and their associated data.

Main table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Lists numerous stations and their associated data.

IDC 28 03:29:50.6±1.6, 2784N-8770E, h0km, mb3.8/5, mb1 3.9/6, mb1mx3.5/22, mbtmp3.7/6, ML3.2/1, MS2.7/1, Ms1 2.7/1, ms1mx2.3/21, Error ellipse: s-maj=65.3km s-min=20.4km az=67.0

ISC/JB 28 03:29:52.7±1.2, 2780N-8751E, h33km, mb3.8/5, Error ellipse: s-maj=25.2km s-min=14.5km az=143.2

NEIC 28 03:29:55.5±1.0, 2783N-8751E, h35km, Error ellipse: s-maj=23.4km s-min=15.6km az=61.0

ISC 28 03:29:55.3±1.2, 2781N-8761E, h35km, n8, ±123/8, mb3.8/5, Nepal

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, H, m, s, Res, ISC. Lists stations like GATK, LSA, LSA, etc.

KODAK Kodiak Island 56.96 38 P 03 49 30.3 +0.6

KEV Kevo 65.89 338 eP 03 50 27.3 -2.5

ARCES ARCES Array B 66.45 338 P 03 50 32.9 -0.6

RES Resolute Bay 70.20 12 eP 03 50 57.6 +0.8

YKA Yellowknife Arr 72.92 26 eP 03 51 13.2 -0.1

AKASG Malin Array Be 73.58 320 iP 03 51 16.6 -0.8

AKASG Malin Array Be 73.58 320 P 03 51 15.8 -1.6

NB2 NORARS Barra 76.11 334 P 03 51 31.0 -0.8

NOA NORARS Array B 76.11 334 P 03 51 30.8 -1.0

WEL 28 04:06:41.0±0.5, 3862S:17577E, h153km, 4km, ML3.5/10, Error ellipse: s-maj=2.8km s-min=2.6km az=90.0, North Island





























Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LZG Guadalupe-1, HMG Houelmont, SCG Saint Claude, BCG Bois Riant Cap, etc.

NEIC 28 18:32:24.2, 1762N, 10307W, h16km, MD3.9(MEX), After MEX.

NEIC mid 3.9 (UNM).

MEX 28 18:32:23.7, 0.6, 1759N, 10311W, h16km, g2km, MD3.9, Near coast of Michoacan

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

IDC 28 18:43:09.4, 4.9, 842S, 15778E, h0km, mb4.0/3, mb1 4.2/4, mb1mx3.7/14, mbtmp4.1/4, ML4.3/1, MS3.3/5, Ms1 3.3/5, s-min=28.8km az=0.4, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HNR Honiara, HNR 155nm, 0.3s, baz=262, slow=17, SNR=3.7, etc.

IDC 28 19:15:31.4, 1.2, 065N, 2458W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.6/22, mbtmp3.9/3, MS3.4/4, Ms1 3.4/4, ms1mx3.0/26, Error ellipse: s-maj=65.1km s-min=33.7km az=168.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BBTS Babate, LIC Lamto, TIC Toumudi, etc.

KRSC 28 19:37:18.0, 1.3, 5038N, 15662E, h129km, g9km, ML3.8, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MIPR Malaya Ipe'ka, RUS Russkaya, SDRL Sedovlino, etc.

WEL 28 20:29:21.4, 0.2, 4087S, 17585E, h30km, 1km, ML3.7/7, Error ellipse: s-maj=1.7km s-min=0.8km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TIWZ Tintock, MRZ Mangatainoka R, MTW Mount Morrison, etc.

ISCJB 28 20:36:09.6, 0.3, 1845N, 002-10000W, 002, h67km, 3km, mb3.9/21, Error ellipse: s-maj=4.1km s-min=3.8km az=35.7

IDC 28 20:36:11.9, 0.9, 1877N, 9963W, h66km, 7km, mb3.7/13, mb1 3.9/13, mb1mx3.8/21, mbtmp3.7/13, MS3.2/7, Ms1 3.1/7, ms1mx2.9/20, Error ellipse: s-maj=29.3km s-min=14.3km az=60.8

MEX 28 20:36:12.0, 1.7, 1848N, 10005W, h55km, 14km, MD4.5 NEIC 28 20:36:12.0, 1848N, 10005W, h55km, mb4.1/14, MD4.5(MEX), After MEX.

NEIC Fd4 at Apaxtla. ISC 28 20:36:10.5, 0.3, 1847N, 002-10001W, 002, h61km, 3km, CAIG 170km, 2.3km, p-P, n69, s=127.91, mb4.0/21, Huetznerro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PLIG Platanillo, MEIG Mezcala, YAIG Yautepuc, etc.

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

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

ISCJB 28 20:55:31.4, 2.0, 2994S, 17727W, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.6/12, mbtmp3.6/3, Error ellipse: s-maj=775.6km s-min=183.1km az=97.0, Kermadec Islands

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

KRSC 28 20:58:30.9, 0.6, 5333N, 16054E, h40km, 29km, ML3.8, Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SPN Mys Shipunski, NLC Nalytchevo, KII Karymskiy, etc.

IDC 28 21:03:38.9, 1.4, 309N, 10043E, h0km, mb3.7/3, mb1 3.8/3, mb1mx3.4/20, mbtmp3.7/3, 1D, Error ellipse: s-maj=33.3km s-min=28.3km az=29.0, Northern Sumatara

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





29d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CCIG Comitan, HUIG Huatulco, OAXX Oaxaca, etc.

NEIC 28 23:58:16.8, 3703S, 17777E, h126km, MG3.9(WEL), After WEL.

WEL 28 23:58:16.6±0.5, 3702S, 17778E, h126km, 4km, ML3.9/6, Error ellipse: s-maj=2.4km s-min=2.2km az=0.0, Off east coast of North Island

Main station list for NEIC 28 23:58:16.6±0.5, 3702S, 17778E, h126km, 4km, ML3.9/6. Includes stations like MXZ Matakaoa Point, WYZ Mayor Island, MWZ Matawai, etc.

WEL 29 00:02:47.2±1.0, 3866S, 17607E, h2km, ML4.2/1, Error ellipse: s-maj=6.2km s-min=1.3km az=0.0, North Island

ISC 29 00:02:45.2, 3525N, 2658E, h35km, ML3.9. Includes station codes like KARP, NPS, ARG, etc.

ISC 29 00:02:48.0±0.7, 3538N, 2703E, h15km, 6km, mb3.7/7, Error ellipse: s-maj=4.0km s-min=3.5km az=174.5.

CSEM 29 00:02:47.8±0.1, 3538N, 2709E, h15km, MD3.8, Error ellipse: s-maj=1.7km s-min=1.3km az=80.0.

ATH 29 00:02:48.0, 3552N, 2703E, h21km, 1km, MD3.8/7. Includes station codes like HLW, DDA, etc.

HLW 29 00:02:54.7, 3521N, 2726E, h33km, Mb3.5. Includes station codes like DDA, etc.

DDA 29 00:03:07.1, 3680N, 2790E, h14km, 3km, MD3.6. Includes station codes like ISC, etc.

ISC 29 00:02:48.6±0.7, 3544N, 202.2696E, h0.03, h7km, 5km, n88, 118/110, mb3.7, 7C-6D, Crete

Main station list for ISC 29 00:02:48.6±0.7, 3544N, 202.2696E, h0.03, h7km, 5km, n88, 118/110, mb3.7, 7C-6D, Crete. Includes stations like KARP, NPS, ARG, etc.

2007 MAY

Main station list for 2007 MAY. Includes stations like EVR Erytania, RDO Rodhopi, EREN Erekyok, etc.

ISC 29 00:12:58.5±1.7, 2006S, 17554W, h0km, mb4.5/5, mb1.4/6, mb1mx4.1/17, mbtrp4.4/6, ML4.5/1, Error ellipse: s-maj=320.6km s-min=39.3km az=60.0.

ISC 29 00:13:09.7±2.9, 202S, 02.17567W, 0.1, h103km, 32km, mb4.3/7, Error ellipse: s-maj=25.3km s-min=21.6km az=160.7.

NEIC 29 00:13:12.4±2.2, 2006S, 17554W, h122km, 25km, mb4.5/4, Error ellipse: s-maj=20.6km s-min=16.0km az=179.0.

ISC 29 00:13:11.0±2.3, 202S, 01.1756W, 0.1, h103km, 27km, n16, 118/110, mb4.3/7, Tonga Islands

Main station list for ISC 29 00:13:11.0±2.3, 202S, 01.1756W, 0.1, h103km, 27km, n16, 118/110, mb4.3/7, Tonga Islands. Includes stations like AFI, URZ, RPZ, etc.

ISC 29 00:21:01.5±0.8, 3558N, 006.2693E, h0.06, h3km, Error ellipse: s-maj=9.6km s-min=9.6km az=152.4.

ATH 29 00:21:01.7, 3552N, 2699E, h3km, MD3.4/6. Includes station codes like CSEM, etc.

CSEM 29 00:21:01.7, 3552N, 2699E, h3km, MD3.4(ATH), After ATH. Error ellipse: s-maj=5.3km s-min=1.1km az=154.0.

ISC 29 00:21:03.1, 3559N, 2664E, h49km, MD3.6. Includes station codes like ISC, etc.

ISC 29 00:21:01.6±0.8, 3557N, 009.2696E, h0.06, h3km, 12km, n12, 118/110, mb4.3/7, Crete

Main station list for ISC 29 00:21:01.6±0.8, 3557N, 009.2696E, h0.06, h3km, 12km, n12, 118/110, mb4.3/7, Crete. Includes stations like KARP, NPS, ARG, etc.

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

ISC 29 00:47:49.4±1.7, 168S, 0.1, 1743W, 0.1, h130km, 20km, mb4.0/10, Error ellipse: s-maj=28.3km s-min=16.8km az=45.0.

ISC 29 00:47:50.2±2.2, 168S, 0.1, 1742W, h122km, 24km, mb3.7/7, mb1.4/0.8, mb1mx3.8/16, mbtrp3.8/8, Error ellipse: s-maj=35.2km s-min=16.6km az=140.0.

NEIC 29 00:47:51.3±1.2, 168S, 0.1, 1742W, h132km, 13km, mb4.0/2, Error ellipse: s-maj=16.9km s-min=10.9km az=138.0.

ISC 29 00:47:50.5±1.7, 169S, 0.1, 1743W, 0.1, h124km, 20km, n13, 118/110, mb4.1/10, Tonga Islands

Main station list for ISC 29 00:47:50.5±1.7, 169S, 0.1, 1743W, 0.1, h124km, 20km, n13, 118/110, mb4.1/10, Tonga Islands. Includes stations like AFI, URZ, STKA, etc.

OTT 29 00:48:24.0±6.0, 6059N, 5994W, h18km, ML3.8/8, LaibertaRADOR Sea Seismic Zone. 270km east from Killiniq, Qc, Davis Strait

Main station list for OTT 29 00:48:24.0±6.0, 6059N, 5994W, h18km, ML3.8/8, LaibertaRADOR Sea Seismic Zone. 270km east from Killiniq, Qc, Davis Strait. Includes stations like KUQ, FRB, SCH, etc.



az=178.4  
 MOS 29:01:03:27.5:1.1, 4.52S:151.81E, h134km, mb5.7/4.3, MS5.2/16, Error ellipse: s-maj=7.5km s-min=5.5km az=92.3  
 GCMT 29:01:03:27.9:0.1, 4.71S:151.96E, h137km, MW6.1/115, Moment Tensor Solution. s110,c268; s115,c409; Duration: 287 Moment tensor: Scale 10<sup>18</sup>Nm; M<sub>0</sub>=0.47±0.1; M<sub>0</sub>0.03±0.1; M<sub>0</sub>0.44±0.1; M<sub>0</sub>-1.31±0.1; M<sub>0</sub>0.96±0.1; M<sub>0</sub>0.23±0.1; Best double couple: M<sub>0</sub>1.67900×10<sup>18</sup> NP1: 0.185,00000; 0.40,00000; 0.163,00000; NP2: 0.81,00000; 0.79,00000; 0.52,00000; Principal axes: T 1.6150, Plg3.00000; Azm142.00000; N 0.3280, Plg37.00000; Nst253.00000; P -1.8430, Plg43.00000; Azm28.00000; azm1 refers to body waves, cutoff=40s. nst2a refers to surface/mantle waves, cutoff=50s.  
 BGS 29:01:03:27.8:2.3, 4.86S:151.84E, h133km, mb5.9(NEIC) IDC 29:01:03:27.4:0.3, 4.63S:151.76E, h129km, mb5.2/26, mb1 5.3/28, mb1mx5.3/28, mbimp5.2/28, MS5.1/12, Ms1 5.1/12, ms1mx4.9/20, Error ellipse: s-maj=8.7km s-min=7.7km az=108.0  
 NEIC 29:01:03:27.9:0.5, 4.59S:151.84E, h132km, mb5.9/90, MW6.1, Error ellipse: s-maj=4.1km s-min=3.3km az=133.0, Moment Tensor Solution: s40 Moment tensor: Scale 10<sup>18</sup>Nm; M<sub>0</sub>-0.84; M<sub>0</sub>0.51; M<sub>0</sub>0.33; M<sub>0</sub>-1.25; M<sub>0</sub>1.14; M<sub>0</sub>0.15; Best double couple: M<sub>0</sub>1.80000×10<sup>18</sup> NP1: 0.193,00000; 0.40,00000; 0.153,00000; NP2: 0.81,00000; 0.73,00000; 0.53,00000; Principal axes: T 1.8500, Plg19.00000; Azm145.00000; N 0.0100, Plg35.00000; Azm249.00000; P -1.8500, Plg49.00000; Azm31.00000;

ISC 29:01:03:28.3:0.1, 4.60S:002x15186E:002, h134km, n134km, 9km; PP-P, n1128, o577/768, mb5.6/147, 154C-188D, New Britain region

Code	Station Name	Δ	AZ	Phase ID	Time Res	ISC
HNR	Honiara	9.35	121	P	01 05 40.2	+0.2
HNR				S	01 07 26.1	+2.5
HNR	comp=Z,41nm,0.3s					
HNR	comp=N,129nm,0.3s					
HNR	Honiara	9.35	121	ePn	01 05 39.8	-0.3
HNR	comp=N,2um,0.8s					
HNR	Honiara	9.35	121	eSn	01 07 23.3	-0.3
HNR	comp=N,41nm,0.3s,baz=182,slow=7,SNR=15					
HNR					01 07 26.1	+2.5
COEN	Coen	12.64	222	ePn	01 06 24.4	+0.9
COEN	comp=N,129nm,0.3s,baz=276,slow=14,SNR=3.4					
COEN	comp=N,92nm,0.6s					
CTA	Charters Tower	16.34	199	eSn	01 08 39.2	-3.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 10 12.9	+0.7
CTA	comp=N,72nm,0.4s					
CTA	Charters Tower	16.34	199	iS	01 07 10.9	+0.9
CTA	comp=N,72nm,0.4s					





29d 1h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BSC Santa Cruz Isl, R05C Kirkwood Meado, SNCC San Nicolas Is, etc.

2007 MAY

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like A09A Danville, MPMC Manual Prospe, D09A Jon Farris Ri, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like K11A Parker Ranch, F11A Grangeville, S11A Rache, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like S13A Holt Ranch, MSO Missoula, WALA Waterton Lakes, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like EGM T Eagleton, Y18A Canyon Day Jun, Z18A Geritimo, etc.

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

29D 1h

Table with columns for station name, frequency, and various technical parameters. Includes stations like Ksiaz, Vitoshka, WTS, LRW, KOLL, SCHO, etc.

2007 MAY

Table with columns for station name, frequency, and various technical parameters. Includes stations like Pruhonice, Freiburg, Skopje, Krusevo, etc.

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Table with columns for station name, frequency, and various technical parameters. Includes stations like Bochum-Univers, Black Hill, Lisbon, Hanover, etc.



Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 933 range.

Main table listing station call signs, frequencies, power, and modes for various regions including TCE, CAM4, MAN, JMA, ISCJB, MAN, ISC, FITZ, WARR, and others.

Table listing station call signs, frequencies, power, and modes for stations in the 29d 1h range, including TAZ, URZ, UTU, and others.



Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SONM, TTA, WHN, IMA2, KDAD, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like YKA, YKA, YKA, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AKASG, AKBB, KIEV, etc.



0.3nm,0.6s,mb3.1,baz=126,slow=9.3,SNR=5.8  
**YKA Yellowknife Ar** 63.25 340 P P 04 42 35.4 +0.1  
**YKA Yellowknife Ar** 63.25 340 P P 04 42 35.4 +0.1  
 0.6nm,0.5s,mb3.6,baz=134,slow=6.5,SNR=18  
**WARRAMUNGA ARR** 150.45 241 PKPbc 04 51 56.1 -1.6  
 0.2nm,0.4s,baz=109,slow=2.4,SNR=7.5

**ISC 29 04:34:51.5, 1.7, 0.99S; 12773E, h0km, mb4, 1/2, mb1 4/2,5, mb1mx3.9/17, mbtmp4.1/5, ML3.8/3, Error ellipse: s-maj=50.6km s-min=23.9km az=68.0**  
**ISCJB 29 04:34:54.4, 0.8, 1.0S; 01x1276E.01, h33km, mb4, 3/4, Error ellipse: s-maj=22.9km s-min=11.7km az=152.0**  
**NEIC 29 04:34:56.2, 0.8, 0.9S; 1272E, h30km, mb4, 3/2, Error ellipse: s-maj=21.4km s-min=10.7km az=63.0**  
**ISC 29 04:34:56.6, 0.9, 1.0S; 01x1277E.01, h35km, n14, s12/11/4, mb4, 3/4, Halmahera**

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KAPI	Kappang	8.82 243	Pn	Op	ISC	04 37 01.2	-0.4
KAPI	Kappang	8.82 243	Pn	Op	ISC	04 37 01.3	-0.4
KAKA	Kakadu	12.53 158	eP	Pn		04 37 52.9	+0.4
FITZ	Fitzroy Crossi	17.07 187	eP	Pn		04 39 00.1	+7.5
FITZ	Fitzroy Crossi	17.07 187	eP	Pn		04 38 54.7	+2.1
FITZ	Fitzroy Crossi	17.07 187	eP	Pn		04 39 00.1	
FITZ	Fitzroy Crossi	17.07 187	eP	Pn		04 38 54.7	+2.1
WRA	Warramunga Arr	19.99 161	Pn	Pn		04 39 24.8	-2.2
WB2	Warramunga Arr	19.90 161	eP	Pn		04 39 25.5	-1.5
ASAR	Alice Springs	23.29 165	P	P		04 40 01.9	+0.3
STKA	Stephens Creek	33.38 158	eP	Pn		04 41 34.5	+2.7
MK31	Makanchi Array	61.99 326	P	P		04 45 13.2	-0.1
MKAR	Makanchi Array	61.99 326	P	P		04 45 13.3	+0.1
MKAR	Makanchi Array	61.99 326	P	P		04 45 13.3	+0.1
KURK	Kurchatov	66.22 328	eP	P		04 45 40.9	-0.1

**ISC 29 04:35:39.8, 1.5, 0.99S; 12759E, h0km, mb4, 3/3, mb1 4/3,6, mb1mx4.0/17, mbtmp4.2/6, ML4.0/3, Error ellipse: s-maj=48.9km s-min=22.6km az=65.0**

**ISCJB 29 04:35:42.5, 1.0, 1.0S; 01x1275E.01, h33km, mb4, 4/4, Error ellipse: s-maj=23.5km s-min=13.3km az=147.9**  
**NEIC 29 04:35:44.2, 1.0, 0.99S; 12759E, h30km, mb4, 3/3, Error ellipse: s-maj=22.8km s-min=12.6km az=59.0**  
**ISC 29 04:35:44.8, 1.0, 1.1S; 01x1276E.01, h35km, n11, s12/11/11, mb4, 4/4, Halmahera**

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KAPI	Kappang	8.75 243	Pn	Op	ISC	04 37 48.6	-0.4
KAKA	Kakadu	12.54 158	eP	Pn		04 38 41.9	+1.0
FITZ	Fitzroy Crossi	17.05 186	eP	Pn		04 39 43.1	+2.5
FITZ	Fitzroy Crossi	17.05 186	eP	Pn		04 39 41.4	+0.7
WRA	Warramunga Arr	19.90 161	Pn	Pn		04 40 12.7	-2.6
WB2	Warramunga Arr	19.91 161	eP	Pn		04 40 13.7	-1.7
ASAR	Alice Springs	23.30 165	P	P		04 40 49.5	-0.4
STKA	Stephens Creek	33.39 158	eP	Pn		04 42 21.7	+1.6
STKA	Stephens Creek	33.39 158	eP	Pn		04 42 21.9	+1.9
MKAR	Makanchi Array	61.96 326	P	P		04 46 01.2	0.0
KURK	Kurchatov	66.22 328	eP	P		04 46 29.0	0.0

**ISCJB 29 04:49:17.9, 0.5, 2.787S; 003.6672W, 0.05, h164km, 11km, mb3, 2/3, Error ellipse: s-maj=7.9km s-min=4.0km az=44.6**  
**NEIC 29 04:49:18.1, 0.5, 2.792S; 6654W, h15 km, 9km, mb4, 4/2, Error ellipse: s-maj=9.1km s-min=6.8km az=123.0**  
**ISC 29 04:49:18.4, 1.5, 2.792S; 6656W, h153km, 19km, mb3, 1/3, mb1 3.3/7, mb1mx3.3/19, mbtmp3.2/7, MS3.1/1, MS1.3/1, ms1mx2.2/6, Error ellipse: s-maj=27.0km s-min=16.0km az=121.0**

**GUC 29 04:49:19.9, 0.8, 2.784S; 6680W, h151km, ML4.6, ISC 29 04:49:18.7, 0.5, 2.787S; 003.6668W, h153km, 10km, n25, s15/05/40, mb3, 2/3, 8C-2D, Catamarca Province**

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
CPCH	Copiapo	3.29 278	iP	Pn		04 50 10.4	+0.5
CPCH	Copiapo	3.29 278	iP	Pn		04 50 48.5	-1.1
CPCH	Copiapo	3.29 278	iP	Pn		04 50 10.4	+0.5
CPCH	Copiapo	3.29 278	iP	Pn		04 50 48.5	-1.1
VACH	comp=N,2um,0.1s		AML	AML		04 50 52.6	
VPCH	Vallenar	3.66 258	iP	Pn		04 50 15.7	+1.0
VACH	Vallenar	3.66 258	iP	Pn		04 50 57.3	-0.8
LCO	Las Campanas	3.72 251	iP	Pn		04 50 16.6	+1.3
LCO	Las Campanas	3.72 251	iP	Pn		04 50 60.0	+0.7
CFAA	comp=N,12nm,0.3s,baz=19,slow=12,SNR=2086		S	S		04 50 19.2	+0.7
CFAA	comp=N,5.9nm,0.3s,baz=223,slow=16,SNR=7.1		S	S		04 51 04.5	-0.5
TLL	Tololo Astrono	4.28 237	iP	Pn		04 50 23.7	+1.1
TLL	Tololo Astrono	4.28 237	iP	Pn		04 51 13.3	+0.9
TLL	Tololo Astrono	4.28 237	iP	Pn		04 50 23.7	+1.1
TLL	Tololo Astrono	4.28 237	iP	Pn		04 51 13.3	+0.9
LSCH	comp=E,277nm,0.9s		AML	AML		04 51 15.8	
LSCH	La Serena	4.49 242	iP	Pn		04 50 25.2	-0.2
LSCH	La Serena	4.49 242	iP	Pn		04 51 15.8	-1.5
LSCH	La Serena	4.49 242	iP	Pn		04 50 25.2	-0.2
LSCH	La Serena	4.49 242	iP	Pn		04 51 15.8	-1.5
CPNI	comp=E,90nm,0.3s		AML	AML		04 51 18.5	
CPNI	Cerro Paranal	4.64 313	eP	Pn		04 50 29.6	+2.1
CPNI	Cerro Paranal	4.64 313	eP	Pn		04 51 21.6	+0.5
CPNI	Cerro Paranal	4.64 313	eP	Pn		04 51 27.1	
CMCH	comp=E,110nm,0.4s		AML	AML		04 50 31.4	-0.8
CMCH	Combarbala	5.00 228	iP	Pn		04 50 31.4	-0.8
ANCH	Antofagasta	5.35 320	eP	Pn		04 51 28.1	-1.4
ANCH	Antofagasta	5.35 320	eP	Pn		04 50 38.1	+1.2
CEN1	Los Morros	5.47 324	eP	Pn		04 51 36.9	-0.9
CEN1	Los Morros	5.47 324	eP	Pn		04 50 38.8	+0.3
CEN1	Los Morros	5.47 324	eP	Pn		04 51 38.3	-2.4
CEN1	Los Morros	5.47 324	eP	Pn		04 51 46.1	
LVC	comp=E,46nm,0.8s		AML	AML		04 50 41.6	+1.3
LVC	Limon Verde	5.61 338	eP	Pn		04 50 41.6	+1.3
LVC	Limon Verde	5.61 338	eP	Pn		04 51 42.5	-1.4
FCH	Farellones	6.27 209	eP	Pn		04 50 50.0	+0.5
FCH	Farellones	6.27 209	eP	Pn		04 51 59.9	+0.2
CLCH	Cerro Calan	6.43 210	iP	Pn		04 50 51.5	+0.3
CLCH	Cerro Calan	6.43 210	iP	Pn		04 52 02.6	-1.0
CLCH	Cerro Calan	6.43 210	iP	Pn		04 51 15.6	-2.8
CPUP	Villa Florida	8.48 82	eP	Pn		04 52 52.9	+0.2
CPUP	Villa Florida	8.48 82	eP	Pn		04 51 17.2	-1.2
CPUP	Villa Florida	8.48 82	eP	Pn		04 52 52.9	+0.2
LPZA	comp=E,0.2nm,0.3s,baz=280,slow=8.2,SNR=3.9		S	S		04 52 00.9	+1.2
LPZA	La Paz	8.53 119	eP	Pn		04 52 00.9	+1.2
SIV	comp=E,0.6nm,0.3s,baz=211,slow=12,SNR=19		S	S		04 52 16.6	-0.1
SIV	San Ignacio	12.91 25	P	P		04 52 16.6	-0.1
BDFB	comp=E,0.3nm,0.3s,baz=210,slow=14,SNR=18		S	S		04 53 50.6	-1.1
BDFB	Brasilia	21.15 59	P	P		04 53 50.6	-1.1
ATAH	comp=E,0.9nm,0.6s,mb3.3,baz=213,slow=24,SNR=5.0		S	S		04 50 34.4	
ATAH	Atahualpa	23.53 330	LR	LR		04 50 34.4	
TXAR	comp=E,4.1nm,18.7s,baz=190,slow=39		S	S		04 59 55.5	+0.4
TXAR	Lajitas Array	66.99 325	P	P		04 59 55.5	+0.4
TORD	comp=E,1.1nm,0.4s,mb3.3,baz=158,slow=8.4,SNR=4.2		S	S		05 00 58.1	-0.9
TORD	Torodi Ar	77.72 68	P	P		05 00 58.1	-0.9
MKAR	comp=E,0.6nm,0.5s,mb3.5,baz=268,slow=7,SNR=10.0		S	S		05 08 49.0	+0.1
MKAR	Makanchi Array	149.22 44	PKPbc	PKPbc		05 08 49.0	+0.1
MKAR	Makanchi Array	149.22 44	PKPbc	PKPbc		05 08 49.0	+0.1

**ISC 29 04:55:24.9, 3.6, 6.27S; 13035E, h145km, 49km, mb3, 6/1,**

**mb1 3.4/4, mb1mx3.2/13, mbtmp3.3/4, Error ellipse: s-maj=69.0km s-min=20.1km az=73.0**  
**NEIC 29 04:55:25.1, 4.0, 6.32S; 13008E, h140km, 41km, Error ellipse: s-maj=43.5km s-min=30.5km az=58.0**  
**ISCJB 29 04:55:26.5, 2.8, 6.4S; 02x1302E.03, h175km, 29km, Error ellipse: s-maj=50.3km s-min=19.6km az=155.3**  
**ISC 29 04:55:28.3, 7.66S; 02x1303E.03, h175km, 41km, n7, s14/9/9, Banda Sea**

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
KAKA	Kakadu	6.44 161	eP	Pn		04 57 02.3	+0.7
KAKA	Kakadu	6.44 161	eP	Pn		04 58 13.2	-1.4
FITZ	Fitzroy Crossi	12.28 201	P	P		04 58 18.0	0.0
FITZ	Fitzroy Crossi	12.28 201	P	P		05 00 29.2	
WRA	comp=0.3s,baz=111,slow=22,SNR=9.4		S	S		04 58 09.8	+2.1
WRA	Warramunga Arr	13.84 164	Pn	Pn		04 58 38.0	+0.2
WB2	Warramunga Arr	13.85 164	eP	Pn		05 01 05.6	
WB2	Warramunga Arr	13.85 164	eP	Pn		04 59 22.1	+1.9
ASAR	Alice Springs	17.32 169	eP	Pn		05 02 36.6	
ASAR	Alice Springs	17.32 169	eP	Pn		05 02 36.6	
MKAR	comp=0.2nm,0.3s,baz=344,slow=9.2,SNR=9.4		S	S		05 06 07.3	-1.9
MKAR	Makanchi Array	68.03 327	P	P		05 06 07.3	-1.9
MKAR	Makanchi Array	68.03 327	P	P		05 06 07.3	-1.9

**ISC 29 05:47:33.9, 3.5, 2.046S; 17358E, h0km, mb4, 0/3, mb1 4.3/3, mb1mx4.0/13, mbtmp3.9/3, Error ellipse: s-maj=356.9km s-min=32.1km az=159.0, Vanuatu Islands region**

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
DZM	Mout Dzumac	6.85 255	eP	Op	ISC	05 49 22.1	+6.5
DZM	Mout Dzumac	6.85 255	eP	Op	ISC	05 50 51.7	+1.7
ASAR	Alice Springs	36.83 258	P	P		05 54 44.0	0.0
NVAR	Mina Array Bea	86.59 47	P	P		06 00 18.8	-0.4
TXAR	Lajitas Array	93.79 60	P	P		06 00 54.3	+1.0
TXAR	Lajitas Array	93.79 60	P	P		06 00 54.3	+1.0

**ISC 29 05:48:22.9, 1.4, 1.380S; 16651E, h15km, 7km, mb5, 0/18, mb1 5.1/18, mb1mx5.1/19, mbtmp5.0/18, MS5, 0/15, MS1 5.0/15, ms1mx4.9/18, Error ellipse: s-maj=12.9km s-min=10.7km az=63.0**

**MOS 29 05:48:24.5, 1.0, 1.380S; 16657E, h33km, mb5, 5/49, MS5, 2/19, Error ellipse: s-maj=7.9km s-min=7.2km az=117.9**  
**ISCJB 29 05:48:27.5, 0.1, 1.386S; 004x16661E, 0.03, h64km, mb5, 4/93, Error ellipse: s-maj=5.6km s-min=3.6km az=165.1**  
**BUI 29 05:48:27.8, 1.347S; 16683E, h59km, mb5, 8, mb5.4, MS5.2, MS5.0**

**CRAAG 29 05:48:28.3, 1.388S; 16656E, MB5.2, NEIC 29 05:48:29.0, 2.0, 1.383S; 16662E, mb5, 3/43, Error ellipse: s-maj=6.4km s-min=4.5km az=148.0**  
**GCMT 29 05:48:**





COLA COLA	baz=86	85.68	18	eP	P	06 00 59.2	-1.3
COLA COLA	comp=Z,20nm,0.9s,mb5.0	85.68	18	eP	Pmax	06 00 59.2	-1.3
HATC Hat Creek Radi	baz=86	85.74	46	UP	P	06 01 00.8	-0.5
P05C Yuba Gap, Truc	baz=86	85.78	48	UP	P	06 01 02.3	+0.8
O05C Quincy	baz=86	85.80	47	UP	P	06 01 02.1	+0.5
O04C Chester	baz=86	85.82	47	UP	P	06 01 01.5	-0.2
S06C San Francisco	baz=86	85.82	50	UP	P	06 01 01.8	0.0
M04C Macdoel	baz=86	85.84	45	UP	P	06 01 02.7	+0.9
MWC Mount Wilson	baz=86	85.91	53	eP	P	06 01 03.4	+1.1
HELL Mitchell Peak	baz=86	86.01	51	UP	P	06 01 02.7	0.0
KCC Kaiser Creek	baz=86	86.02	50	UP	P	06 01 03.4	+0.7
BEKC Beckwoorth	baz=86	86.17	48	UP	P	06 01 03.9	+0.4
EDW2 Edwards Air Fo	baz=86	86.19	53	UP	P	06 01 03.5	-0.1
BFSC Mount Baldy St	baz=86	86.23	54	UP	P	06 01 03.0	-0.9
WAKR Walker	baz=86	86.35	49	eP	P	06 01 05.3	+0.9
WAKR Walker	comp=Z,20nm,0.9s,mb5.0	86.35	49	eP	P	06 01 23.8	+1.3
MOY Mondy	baz=86	86.41	325	eP	Pmax	06 01 04.5	+0.2
BAR Barrett	comp=Z,122nm,2.5s,mb5.4	86.50	55	eP	P	06 01 05.8	+0.6
BAR Barrett	baz=86	86.50	55	eP	P	06 01 24.1	+0.8
E03A Lebam	baz=86	86.59	40	UP	P	06 01 05.7	+0.4
MTUM Tungsten Hills	baz=86	86.59	50	eP	P	06 01 30.8	+7.1
H04A Detroit Lake	baz=86	86.73	43	UP	P	06 01 05.3	-0.8
MONP Monument Peak	baz=86	86.77	55	UP	P	06 01 05.6	-0.9
PAHR Pah Rah Range	comp=Z,18nm,1.2s,mb4.9	86.81	48	eP	P	06 01 06.5	-0.1
PAHR J05A Fort Rock	baz=86	86.83	44	UP	P	06 01 24.9	+0.2
K05A Summer Lake	baz=86	86.85	45	UP	P	06 01 06.6	-0.2
N06A Buffalo Meadow	baz=86	86.86	47	UP	P	06 01 03.8	-3.0
MOD Modoc	baz=86	86.95	46	eP	P	06 01 06.2	-1.0
MOD Modoc	comp=Z,4.4nm,0.9s,mb4.4	86.95	46	eP	P	06 01 06.7	-0.6
MPMC Manual Prospec	baz=86	86.97	52	UP	P	06 01 07.3	-0.1
PFO Pinyon Flat Ob	baz=86	86.97	54	eP	P	06 01 08.1	+0.6
PFO Pinyon Flat Ob	comp=Z,11nm,0.8s,mb4.1	86.97	54	eP	P	06 01 26.4	+0.8
N04A Amboy	baz=86	87.07	41	UP	P	06 01 07.3	-0.4
FVAR Mina Array Bea	baz=86	87.15	49	P	P	06 01 08.7	+0.4
SWSC Sam W. Stewart	comp=Z,2.1nm,0.8s,mb4.1	87.28	55	UP	P	06 01 09.5	+0.4
K06A Valley Falls	baz=86	87.32	45	UP	P	06 01 09.8	+0.8
O07A Toulon	baz=86	87.34	48	UP	P	06 01 09.9	+0.7
GRAC Grapevine Rang	baz=86	87.37	51	UP	P	06 01 11.0	+1.6
C04A Brinnon	baz=86	87.44	40	UP	P	06 01 09.8	+0.3
BELC Belle Mtn.	baz=86	87.46	54	UP	P	06 01 09.6	-0.3
GNW Green Mountain	baz=86	87.47	40	eP	P	06 01 10.2	+0.6
M07A Soldier Meadow	baz=86	87.56	46	UP	P	06 01 08.9	-1.3
Q08A Gabbs	baz=86	87.57	49	UP	P	06 01 10.3	-0.1
FURC Furnace Creek,	baz=86	87.58	52	UP	P	06 01 09.2	-1.2
L07A Adell	baz=86	87.66	46	UP	P	06 01 10.4	-0.3
EGAK Eagle	baz=86	87.71	20	eP	P	06 01 10.8	+0.5
S09A Goldfield	baz=86	87.72	50	UP	P	06 01 10.9	-0.1
I06A Primeville	baz=86	87.77	44	UP	P	06 01 10.6	-0.5
BC3 Big Chuckw Mtn	baz=86	87.78	55	UP	P	06 01 11.5	+0.1
PALK Palkeleke	baz=86	87.84	278	eP	P	06 01 13.6	+1.4
GMRC Granite Mounta	baz=86	87.97	54	UP	P	06 01 11.7	-0.6
K07A Rock Creek Ran	baz=86	87.97	45	UP	P	06 01 13.2	+1.1
H06A Lindquist Farm	baz=86	87.97	43	UP	P	06 01 11.6	-0.5
A04A Legoe Bay, Lum	baz=86	88.00	39	UP	P	06 01 11.8	-0.3
GLA Glamis	baz=86	88.09	55	eP	Pmax	06 01 13.8	+0.9
GLA Glamis	comp=Z,17nm,1.2s,mb5.0	88.09	55	eP	Pmax	06 01 13.8	+0.9
GLA Glamis	comp=Z,17nm,1.2s,mb4.9	88.09	55	eP	P	06 01 13.3	+0.4
J1RN Jiri	comp=Z,57nm,0.7s,mb5.7	88.15	299	eP	P	06 01 14.2	+0.9
J07A Hines	baz=86	88.17	45	UP	P	06 01 13.5	+0.5
IRM Iron Mountain	baz=86	88.17	54	UP	P	06 01 14.1	+0.8
B05A Bryant	baz=86	88.19	39	UP	P	06 01 14.4	+1.4
TPNV Topopah Spring	baz=86	88.20	51	eP	Pmax	06 01 12.5	-0.8
TPNV Topopah Spring	comp=Z,6.0nm,1.0s,mb4.6	88.20	51	eP	Pmax	06 01 12.4	-0.9
TPNV Topopah Spring	comp=Z,6.4nm,1.0s,mb4.6	88.20	51	eP	P	06 01 13.2	-0.2
C05A Toit Reservoir	baz=86	88.22	40	UP	P	06 01 14.2	+0.1
E06A Yakima	baz=86	88.23	41	UP	P	06 01 14.2	+0.9
S10A Tonopah Range,	baz=86	88.25	50	UP	P	06 01 13.8	+0.2
I07A Izee	baz=86	88.29	44	P	P	06 01 14.8	+1.2
WVOR Wild Horse Val	baz=86, SNR=6.1	88.30	46	eP	Pmax	06 01 13.1	-0.6
WVOR Wild Horse Val	comp=Z,16nm,1.3s,mb4.9	88.30	46	eP	Pmax	06 01 13.1	-0.5
L08A Fields	baz=86	88.42	43	UP	P	06 01 14.6	+0.4
H07A Lands Inn, Kim	baz=86	88.43	43	UP	P	06 01 15.1	+0.8
V11A Goodsprings	baz=86	88.48	53	UP	P	06 01 14.5	-0.2
GUN Gumba	baz=86	88.48	299	eP	P	06 01 15.7	+0.8
LDFC Landfair	baz=86	88.49	53	eP	P	06 01 15.6	+0.9
K08A Mann Creek Ran	baz=86	88.51	45	UP	P	06 01 15.8	+1.1
Y12C Blythe	baz=86	88.55	55	UP	P	06 01 15.1	0.0
O09A Fish Creek Ran	baz=86	88.55	48	UP	P	06 01 15.6	+0.7
D06A Cle Elum	baz=86	88.56	41	UP	P	06 01 16.1	+1.3
R10A Warm Springs	baz=86	88.59	50	UP	P	06 01 15.4	+0.2
G07A Rugses Ranch, H	baz=86	88.61	43	UP	P	06 01 16.3	+1.2
J08A Circle Bar Ran	baz=86	88.73	45	UP	P	06 01 15.1	-0.6
PKI Pulchoki	baz=86	88.79	299	eP	P	06 01 16.8	+0.5
PKIN Pulchoki	comp=Z,181nm,1.2s,mb5.0	88.80	299	eP	P	06 01 16.5	+0.1
V12A Nelson	baz=86	88.89	53	UP	P	06 01 16.4	-0.2
SHPR Sheep Range	baz=86	88.89	52	eP	P	06 01 17.7	+1.1
KKN Kakani	baz=86	88.96	299	eP	P	06 01 17.6	+0.5

H08A Prairie City	comp=Z,78nm,0.9s,mb5.7	89.00	44	UP	P	06 01 17.4	+0.5
PDMCI Parker Dam,Lak	baz=89	89.01	54	UP	P	06 01 15.9	-1.3
K09A Rome	baz=89	89.02	46	UP	P	06 01 14.4	-2.7
TIXI Tiksi	baz=89	89.03	349	eP	Pmax	06 01 15.3	-1.1
TIXI Tiksi	comp=Z,31nm,2.5s,mb4.9	89.03	349	eP	Pmax	06 01 15.7	-0.8
DMN Daman	comp=Z,9.7nm,0.9s,mb4.8	89.06	299	eP	P	06 01 18.1	+0.5
T11A Corn Creek, Al	comp=Z,278nm,1.2s,mb5.2	89.07	51	UP	P	06 01 18.0	+0.5
G08A Pilot Rock	baz=89	89.08	43	UP	P	06 01 16.8	-0.5
HAWA Hanford	comp=Z,20nm,1.4s,mb5.0	89.10	42	eP	P	06 01 18.5	+1.2
HAWA Y13A Salome	baz=89	89.12	55	UP	P	06 01 35.6	+0.1
J09A Fry Pan Ranch,	baz=89, SNR=5.9	89.22	45	P	P	06 01 18.1	+0.4
U12A Valley of Fire	baz=89	89.24	52	UP	P	06 01 18.1	+0.1
X13A Syowa Base	baz=89	89.35	54	UP	P	06 01 18.5	-0.3
SYO Syowa Base	baz=89	89.35	197	eX	P	06 01 15.0	-3.2
SYO Syowa Base	comp=Z,278nm,1.2s,mb5.2	89.35	197	eX	P	06 01 17.4	-2.2
E08A Dider Farm, El	baz=89	89.44	42	UP	P	06 01 19.1	+0.2
W13A Hualapai Mount	baz=89	89.45	54	UP	P	06 01 18.1	-0.6
S12A Delamar Landin	baz=89	89.47	51	UP	P	06 01 18.8	-0.5
B07A Winthrop	baz=89	89.49	40	UP	P	06 01 18.7	-0.4
A07A Ashnola River,	baz=89	89.54	39	UP	P	06 01 18.9	-0.4
GKN Gorkha	baz=89	89.56	299	eP	P	06 01 19.8	-0.2
K10A MacKenzie Ranc	baz=89	89.64	46	UP	P	06 01 19.7	-0.3
O11A Cowboy Ranch,	baz=89	89.65	49	UP	P	06 01 20.4	+0.3
Z14A Wintersburg	baz=89	89.69	56	UP	P	06 01 20.4	0.0
L10A Juniper Basin	baz=89	89.69	46	UP	P	06 01 20.2	0.0
H09A Durack	baz=89	89.73	44	UP	P	06 01 20.4	+0.1
Y14A Wickenburg	baz=89	89.81	55	UP	P	06 01 21.7	+0.7
R12A Pony Springs,	baz=89	89.87	50	UP	P	06 01 21.3	+0.2
Q12A Willow Creek R	baz=89	89.92	50	UP	P	06 01 21.2	-0.1
B08A Colville Reser	baz=89	89.94	40	UP	P	06 01 21.1	-0.1
M11A Holland Ranch,	baz=89, SNR=6.4	89.97	47	UP	P	06 01 19.4	-2.1
P12A St.Gill	baz=89	90.00	49	UP	P	06 01 22.3	+0.6
T13A Saint George	baz=89	90.02	52	UP	P	06 01 21.6	-0.2
BMO Blue Mountains	baz=89	90.03	44	eP	P	06 01 21.0	-0.8
BMO Blue Mountains	comp=Z,12nm,1.3s,mb4.9	90.03	44	eP	Pmax	06 01 39.4	-0.5
BMO Blue Mountains	comp=Z,12nm,1.3s,mb4.9	90.03	44	eP	P	06 01 21.0	-0.8
BMO X14A Yava	baz=89	90.05	55	UP	P	06 01 39.4	-0.5
115A Sonoran Desert	baz=89	90.08	56	UP	P	06 01 21.9	-0.4
W14A Seligman	baz=89	90.11	54	UP	P	06 01 22.1	-0.3
I10A Payette	baz=89	90.12	44	UP	P	06 01 22.2	+0.1
D09A Jones Farm, Ri	baz=89	90.13	41	UP	P	06 01 21.6	-0.5
A08A Turner Farm, O	baz=89	90.19	39	UP	P	06 01 20.9	-1.5
S13A Holt Ranch, En	baz=89	90.21	51	UP	P	06 01 20.8	-1.9
V14A Boquillas Ranc	baz=89	90.22	53	UP	P	06 01 21.2	-1.7
K11A Parker Ranch,	baz=89, SNR=6.0	90.22	46	UP	P	06 01 22.0	-0.7
L11A Cat Creek Ranc	baz=89, SNR=7.7	90.23	47	P	P	06 01 22.1	-0.6
Z15A Gila River Ind	baz=89	90.30	56	UP	P	06 01 22.6	-0.7
G10A Bishop Arg, J	baz=89	90.34	43	UP	P	06 01 22.4	-0.6
H10A Noah's Angus R	baz=89, SNR=14	90.32	44	P	P	06 01 22.3	-0.8
N12A Clover Valley,	baz=89	90.33	48	UP	P	06 01 22.1	-1.1
Y15A Casa Rosa Ranc	baz=89, SNR=7.3	90.35	55	P	P	06 01 23.5	0.0
O12A Currie	baz=89	90.36	49				



Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like CONA, CSNA, KHC, GEC2, GERE5, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like ESDC, ESLE, MTE, ETOB, PAV, EMB, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like TEH, NEIC, NEIC, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like AML, AKTK, AKTK, AKTK, AKTO, etc.

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

Table of astronomical observations for 29d 7h, listing station names, codes, and various parameters like time, magnitude, and position.

Table of astronomical observations for 2007 MAY, listing station names, codes, and various parameters like time, magnitude, and position.

Table of astronomical observations for 942, listing station names, codes, and various parameters like time, magnitude, and position.

Table with columns: TOO, STKA, WB2, WRAB, WRA, ASAR, KAKA, FORT, FITZ, FITZ, VVND, GSPA, NVAR, HVID, TXAR, ANMO, DLMT, SNOW, MAW, VNA2, VNA2, ARCES, KWP, KMBO, GERE, etc. Includes station names, times, and phases.

ISCJB 29 07:42:40.1-0.7, 1076N.004.6236W.003, h91km, 9km, Error ellipse: s-maj=7.1km s-min=4.5km az=178.7

FUNV 29 07:42:40.7, 1082N.6218W, h66km, MW3.5 TRN 29 07:42:42.3, 1082N.6232W, h73km, MD3.3

NEIC 29 07:42:42.3, 1082N.6232W, h73km, MD3.3, After

ISC 29 07:42:40.9-0.7, 1077N.004.6236W.003, h85km, 9km, n18, e093/35, 3C-1D, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like TCE, GUNV, CRUV, etc.

IDC 29 07:57:35.5-1.1, 1384S.16684E, h0km, mb4.2/10, mb1.4/3.10, mb1mx4.1/16, mbtmp4.2/10, MS3.8/6

BUI 29 07:57:38.4, 1380S.16680E, h30km, mb3.0, mb4.7

ISCJB 29 07:57:40.1-6.2, 1401S.009.1667E.02, h33km, 42km, mb4.3/13, MS3.8/5, Error ellipse: s-maj=29.3km s-min=12.4km az=164.3

NEIC 29 07:57:40.4-0.7, 1381S.16677E, h30km, mb4.5/2, Error ellipse: s-maj=18.2km s-min=14.5km az=93.0

ISC 29 07:57:40.2-3.1, 1395S.01.1667E.02, h36km, 25km, 122km, 1.8km, p-P, n25, e095/19, mb4.3/13, MS3.8/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like HNR, DZM, CTA, etc.

Table with columns: PFO, MK31, MKAR, MKAR, ARCES, KEST, TORO, TORO, TORO. Includes station names, times, and phases.

IDC 29 08:05:43.9-1.3, 335S.13557E, h0km, mb3.7/3, mb1.4/1/6, mb1mx3.9/14, mbtmp3.9/6, ML4.0/2, MS3.5/2, M31 3.5/2, ms1mx3.0/26, Error ellipse: s-maj=49.6km s-min=16.1km az=85.0

ISCJB 29 08:05:46.2-0.9, 353S.006.1354E.01, h33km, mb3.5/2, Error ellipse: s-maj=21.3km s-min=8.3km az=5.6

NEIC 29 08:05:48.9-0.8, 329S.13573E, h35km, mb4.1/3, Error ellipse: s-maj=24.6km s-min=13.1km az=80.0

ISC 29 08:05:47.9-0.9, 354S.006.1356E.02, h35km, n16, e1906/20, mb3.4/2, Irian Jaya

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

IDC 29 08:27:35.6-1.5, 1556S.17302W, h0km, mb4.2/4, mb1.4/3.5, mb1mx3.9/18, mbtmp4.2/5, Error ellipse: s-maj=56.1km s-min=20.4km az=131.0

ISCJB 29 08:27:37.9-8.0, 155S.03.1731W.03, h24km, 64km, mb4.2/4, Error ellipse: s-maj=63.2km s-min=14.3km az=40.0

ISC 29 08:27:38.0-7.9, 156S.03.1730W.03, h15km, 51km, n5, e1910/6, mb4.2/4, Tonga Islands

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

ISC 29 08:45:13.9-0.6, 2420S.004.6671W.006, h195km, 7km, mb3.9/10, Error ellipse: s-maj=9.7km s-min=6.2km az=6.5

IDC 29 08:45:13.9-1.4, 2410S.6670W, h180km, 2km, mb3.7/10, mb1.3/8.17, mb1mx3.8/22, mbtmp3.7/17, Error ellipse: s-maj=15.6km s-min=10.2km az=90.0

NEIC 29 08:45:14.9-0.6, 2408S.6667W, h192km, 6km, MG4.9(GUC), Error ellipse: s-maj=9.1km s-min=7.1km az=86.0

GUC 29 08:45:15.8-0.4, 2426S.6722W, h250km, ML4.9

ISC 29 08:45:14.9-0.6, 2417S.004.6671W.006, h189km, 6km, n39, e107/41, mb3.9/10, 3C-1D, Saïta Province

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

Table with columns: TORO, ULM, ULM, NVAR, BOSA, MAW, MSO, EDM, YKA, ASAR, AKTK, AKTO, WRA, ZALV, ZALV, MK31, MKAR. Includes station names, times, and phases.

ISCJB 29 08:53:39.9-0.3, 4893N.002.12307W.003, h18km, 5km, Error ellipse: s-maj=3.8km s-min=3.3km az=148.6

PNSN 29 08:53:40.4, 4896N.12307W, h18km, MD2.9, Fault plane solution: N P1.65,65.0000°, S 65.0000°, I 0.0000°, Azm301.0000°, P P1g18.0000°, Azm170.0000°, NEIC 29 08:53:41.0, 4892N.12305W, h10km, MD2.7(SEA), ML2.8(PGC), After PGC.

NEIC Felt at Tasawassen, British Columbia. PGC 29 08:53:41.0, 0.4, 4892N.12305W, h12km, ML2.8/11 PGC 10km southeast of Tasawassen, Bc Vancouver Island Region Felt (I) near Vancouver.

ISC 29 08:53:39.8-0.3, 4894N.002.12307W.003, h17km, 3km, n36, e095/50, 4C-25D, Vancouver Island region

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

NEIC 29 08:58:04.3-1.9, 5158N.1620E, h5km, 7km, 7(CLL), Error ellipse: s-maj=22.0km s-min=7.2km az=220.0

IPEC 29 08:58:04.0-0.3, 5158N.1621E, h0km, ML2.4/3, Error ellipse: s-maj=1.9km s-min=1.5km az=42.0

ISCJB 29 08:58:05.0-1.7, 5140N.003.1607E.04, h0km, Error ellipse: s-maj=5.0km s-min=2.8km az=21.2

PRU 29 08:58:06.2, 5147N.1610E, h0km

CSEM 29 08:58:06.4, 5147N.1607E, h2km, ML3.2/8, Error ellipse: s-maj=2.6km s-min=1.6km az=9.0

WAR 29 08:58:06.0, 5152N.1611E, ML2.2, Mining Induced

VIE 29 08:58:08.4, 0.6, 5122N.1628E, h0km, mb3.3, ML2.7/5, Error ellipse: s-maj=4.3km s-min=3.4km az=106.0, Suspected Mining induced.

ISC 29 08:58:05.3-0.7, 5149N.003.1611E.003, h0km, n33, e089/68, 6C-6D, Poland

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







Table with columns for station name, frequency, power, and signal strength. Includes stations like MBWA Marble Bar, ASAR Alice Springs, and various other regional stations.

Table with columns for station name, frequency, power, and signal strength. Includes stations like NWAOW Narrogin (SRO), MAJJO Matushiro, and various other regional stations.

Table with columns for station name, frequency, power, and signal strength. Includes stations like TIA, KRSRS Korea Array, MAJJO Matushiro, and various other regional stations.





Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like ABKT Ailbek, VAN Vannovskaya, WHFO Wadi Hawf, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like TVO Taravao, MAK Makhachkala, DHBH Dhamar Bm, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like FURI Furi, SOC Sochi, GUMT Gumushane, etc.







Table with columns: LKWy, Lake, 113.10, 41, ePKIKP, PKIKP, 09 54 43.9, +2.4. Includes entries like Teton Pass, Kesra, Signal de Mont, Red Top Meadow, etc.

Table with columns: Y18A, Canyon Day Jun, 117.20, 52, P, PKPdf, 09 54 51.2, +1.6. Includes entries like Mesa Verde, Sanders, Poble, Bielsa, Black Hills, etc.

Table with columns: MIAR, comp=Z,3jum,19.0s,MS6.0, MLR, MLR. Includes entries like French Village, Hockley, Nacogdoches, University of Southern Illin, etc.





ASAR Alice Springs 23.26 166 P P 10 04 21.2 +0.2
MKAR Makanchi Array 62.08 326 P P 10 09 34.3 0.0

IDC 29 10:05:45.3; 2.1, 110S; 12742E, h0km, mb3.4/2, mb1 3.5/3,
mb1mx3.4/15, mbtmp3.4/3, Error ellipse:
s-maj=167.7km s-min=27.2km az=67.0, Halmahera

IDC 29 10:05:55.6; 1.0, 123S; 12742E, h0km, mb4.0/6, mb1 4.1/9,
mb1mx4.0/18, mbtmp4.0/9, ML3.8/3, Error ellipse:
s-maj=48.8km s-min=16.9km az=71.0

NEIC 29 10:05:57.1; 0.8, 119S; 12747E, h10km, mb3.5/1, Error
ellipse: s-maj=23.4km s-min=12.7km az=68.0

ISCJB 29 10:05:58.5; 0.8, 135; 0.1x1273E, 0.1, h33km, mb4.0/6,
Error ellipse: s-maj=22.4km s-min=12.9km az=156.8

ISC 29 10:06:00.6; 0.8, 135; 0.1x1274E, 0.1, h35km, n13, 0.1e/10/13,
mb4.0/6, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KAPI Kappang, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

ISCJB 29 10:09:32.5; 0.4, 7338N; 004:80E; 0.2, h10km, mb4.2/15,
Error ellipse: s-maj=77.3km s-min=4.8km az=143.6
IDC 29 10:09:33.6; 0.6, 7336N; 752E, h0km, mb4.0/10,
mb1 4.1/16, mb1mx3.9/23, mbtmp4.0/16, ML3.7/6, MS3.7/2,
Ms1 3/2, Ms1mx3.4/30, Error ellipse: s-maj=14.7km
s-min=9.9km az=51.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BJO1 Bjornoya, TRO Tromso, SPA0 Spitsbergen Ar, etc.

ISC 29 10:09:37.0; 0.4, 7340N; 787E, h35km, mb4.6/3, Error
ellipse: s-maj=9.1km s-min=5.8km az=70.0
ISC 29 10:09:34.7; 0.4, 7345N; 003:00E; 0.2, h10km, n73,
0.1e/15/88, mb4.2/15, Greenland Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KTK1 Kautokeino, KEV Kevo, HEF Hetta, etc.

NB2 NORSAR Subarra 12.52 173 eP Pn 10 12 32.3 -0.3
NOA NORSAR Array B 12.52 173 Pn Pn 10 12 32.9 +0.3

NOA comp=Z, 0.2nm, 0.3s, baz=341, slow=15, SNR=3.1
NOA comp=Z, 0.3nm, 0.3s, baz=323, slow=24, SNR=5.5
NOA comp=Z, 2.93nm, 21.9s, baz=10.0, slow=34

NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5
NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5
NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5

NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5
NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5
NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5

NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5
NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5
NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5

NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5
NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5
NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5

NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5
NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5
NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5

NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5
NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5
NOA comp=Z, 0.2nm, 0.3s, baz=323, slow=24, SNR=5.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KAPI Kappang, WRA Warramunga Arr, etc.

QIS Mount Isa 22.61 150 eP P 10 21 43.2 +1.7
ASAR Alice Springs 23.25 165 P P 10 21 48.4 +0.1

ASAR 0.6nm, 0.7s, baz=346, slow=14, SNR=5.5
ASAR 2.6nm, 1.1s, baz=347, slow=20, SNR=7.0
PSI Prapat 28.95 278 P P 10 22 39.5 -1.1

PSI 0.7nm, 0.8s, mb4.5, baz=161, slow=9.3, SNR=3.6
STKA Stephens Creek 33.34 158 P P 10 23 19.9 +1.1
STKA Stephens Creek 33.34 158 P P 10 23 19.9 +0.2

STKA Stephens Creek 33.34 158 P P 10 23 19.9 +0.2
KSRs Korea Array 38.34 0 P P 10 24 02.0 +0.5
MJAR Matsuhiro Arr 38.70 14 P P 10 24 04.2 -0.4
XAN XAN 39.12 335 P P 10 24 08.0 -0.2

XAN comp=Z, 1.9nm, 1.3s, mb4.7
LZH Lanzhou 43.72 331 eP P 10 24 42.3 +1.3
LZH Lanzhou 43.72 331 eP P 10 24 40.7 +0.2

LZH Lanzhou 43.72 331 eP P 10 24 49.5 +0.4
GTA Gaotai 47.70 331 eP P 10 25 18.5 +1.2
GTA Gaotai 47.70 331 eP P 10 25 22.8 -0.3

GTA Gaotai 47.70 331 eP P 10 25 26.3 +0.9
JIRN Jiri 49.01 309 eP P 10 25 28.2 +0.5
GUN Gumba 49.37 309 eP P 10 25 30.7 +0.3

PKI Pulchoki 49.58 308 eP P 10 25 32.1 +0.1
KKN Kakani 49.78 309 eP P 10 25 33.5 -0.1
DMN Daman 49.83 308 eP P 10 25 33.5 -0.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GKN Gorkha, KOLN Koldana, DANN Danging, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GVA, GYA, KMI, KSR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NVS, SEY, BVAR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like LZH, GYA, JIRN, etc.

NEIC 29 10:31:42.8, 0.3, 101S:12760E, h10km, mb4.9/10, Error ellipse: s-maj=12.4km s-min=6.2km az=68.0

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

KAPI Kappang 8.5 242 Op Pn 10 33 08.0 -0.7

KAKA Kakadu 12.41 158 eP Pn 10 34 41.7 +1.3

KAKA FITZ Fitzroy Crossi 16.98 187 eS Pn 10 36 56.0 -1.5

FITZ Fitzroy Crossi 16.98 187 Pn Pn 10 35 42.0 +0.9

KSM Kuching 17.67 178 eP Pn 10 35 45.1 -3.8

WRAB Tennant Creek 19.71 261 eP Pn 10 36 14.0 -1.1

WRAB Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1

WRA Warramunga Arr 19.78 161 P Pn 10 39 55.1 +0.6

WRA Warramunga Arr 19.78 161 P Pn 10 36 14.0 -1.1













MONP	Monument Peak	74.87	47	↑P	P	16 02 32.9	-0.6
GASB	Alder Springs	74.89	38	↑P	P	16 02 34.2	+0.7
EDW2	Edwards Air Fo	74.94	45	↑P	P	16 02 33.6	-0.3
T06C	Millerton Lake	75.08	42	↑P	P	16 02 34.3	-0.3
PET	Petropavlovsk	75.14	343	eP	S	16 02 36.6	+2.0
PET					S	16 12 11.2	-0.9
PET					ePS	16 12 42.8	
PET					MLR		
BTM	comp=Z,200nm,15.0s,MS4.5				MLR		
O20C	Bintulu	75.15	279	↑P	P	16 02 36.9	+1.3
	Red Bluff	75.19	38	↑P	P	16 02 35.8	+0.6
PFO	Pinyon Flat Ob	75.25	47	↑P	P	16 02 36.0	+0.3
CMB	Columbia Colle	75.28	41	eP	Pmax	16 02 35.9	+0.1
CMB					Pmax		
CMB	comp=Z,7.0nm,0.9s,mb4.6						
CMB	Columbia Colle	75.28	41	eP	P	16 02 35.9	+0.1
CMB	comp=Z,7.2nm,0.9s,mb4.6						
CMB	Columbia Colle	75.28	41	↑P	P	16 02 35.8	0.0
N02C	Big Bar	75.31	37	↑P	P	16 02 35.7	-0.1
HELL	Mitchell Peak	75.32	43	P	P	16 02 35.6	-0.4
SWSC	Sam W. Stewart	75.33	47	↑P	P	16 02 35.6	-0.6
OHCM	Honcut	75.42	39	eP	P	16 02 36.1	-0.4
LRMC	Laurel Mountai	75.48	44	↑P	P	16 02 36.5	-0.5
LAVA	Lava Cap Winer	75.51	40	↑P	P	16 02 37.7	+0.7
KCC	Kaiser Creek	75.52	42	↑P	P	16 02 37.2	+0.1
S06C	San Francisco	75.52	41	↑P	P	16 02 36.9	-0.2
ORV	Oroville	75.55	39	↑P	P	16 02 36.7	-0.5
WDC	Whiskeytown Da	75.59	38	P	P	16 02 37.5	0.0
SBUM	Sibu	75.71	278	↑P	P	16 02 39.9	+1.1
BELC	Belc Mtn.	75.78	46	↑P	P	16 02 38.5	-0.2
R05C	Kirkwood Meado	75.89	41	P	P	16 02 39.6	+0.4
P05C	Yuba Gap, Truc	75.93	40	↑P	P	16 02 40.0	+0.6
M02C	Callahan	75.94	37	↑P	P	16 02 39.8	+0.4
MPMC	Manual Prospec	75.95	44	↑P	P	16 02 39.9	+0.3
BC3	Big Chuckw Mtn	75.97	47	↑P	P	16 02 39.7	-0.1
GSC	Goldstone	75.97	45	↑P	P	16 02 39.6	-0.1
L02A	Cave Junction	76.02	36	↑P	P	16 02 40.8	+0.9
MTUM	Tungsten Hills	76.02	42	eP	P	16 02 40.2	+0.2
YSS	Yuzh-Sakhalins	76.03	331	↑P	Pmax	16 02 40.2	+0.4
YSS					Pmax		
YSS	comp=Z,90nm,1.2s,mb5.3						
YSS	Yuzh-Sakhalins	76.03	331	eP	P	16 02 40.4	+0.6
GLA	Glamis	76.08	48	eP	Pmax	16 02 40.6	+0.2
GLA					Pmax		
GLA	comp=Z,17nm,1.4s,mb4.8						
GLA	Glamis	76.08	48	eP	P	16 02 40.6	+0.2
GLA	comp=Z,17nm,1.4s,mb4.8						
GLA	Glamis	76.08	48	↑P	P	16 02 40.3	-0.1
R07C	Lee Vining	76.15	42	↑P	P	16 02 40.7	0.0
O05C	Quincy	76.16	39	↑P	P	16 02 40.4	-0.3
R06C	Coleville	76.16	41	↑P	P	16 02 40.7	-0.1
YBH	Yreka Blue Hor	76.24	37	eP	Pmax	16 02 42.1	+1.0
YBH					Pmax		
YBH	comp=Z,22nm,1.0s						
YBH	Yreka Blue Hor	76.24	37	eP	P	16 02 42.0	+0.9
YBH	comp=Z,22nm,1.0s,mb5.0						
YBH	Yreka Blue Hor	76.24	37	↑P	P	16 02 41.3	+0.2
O04C	Chester	76.28	39	↑P	P	16 02 41.2	-0.2
S08C	White Mtn Res	76.36	42	↑P	P	16 02 42.0	+0.1
HATC	Hat Creek Radi	76.37	38	↑P	P	16 02 42.2	+0.2
BEKR	Beckwourth	76.43	39	↑P	P	16 02 42.3	+0.1
WNC	Washoe City	76.45	40	↑P	P	16 02 42.3	-0.1
GMR	Granite Mounta	76.45	46	↑P	P	16 02 42.7	+0.2
LHEM	Herd Peak	76.45	37	P	P	16 02 43.2	+0.9
IRM	Iron Mountain	76.46	47	↑P	P	16 02 42.2	-0.3
GRAC	Grapevine Rang	76.58	43	↑P	P	16 02 43.2	0.0
LTIM	Timbered Crate	76.59	38	P	P	16 02 43.8	+0.7
TUQ	Turquoise Mtn.	76.64	45	↑P	P	16 02 42.9	-0.7
113A	Mohawk Valley,	76.67	49	↑P	P	16 02 43.2	-0.6
HUMO	Hull Mountain	76.67	36	eP	P	16 02 44.4	+0.9
HUMO	comp=Z,14nm,1.8s,mb5.0						
HUMO	Hull Mountain	76.67	36	↑P	P	16 02 43.9	+0.3
M04C	Macdoel	76.77	37	↑P	P	16 02 44.4	+0.3
LASM	Arnica Sink	76.81	37	P	P	16 02 45.1	+0.7
NVAR	Mina Array Bea	76.83	42	P	P	16 02 44.6	+0.1
J02A	Umpqua	76.83	35	↑P	P	16 02 45.0	+0.6
M05C	Lookout	76.90	38	↑P	P	16 02 45.0	+0.1
PAHR	Pah Rah Range	76.93	40	eP	P	16 02 45.1	0.0
O06A	Flanigan	76.94	39	↑P	P	16 02 45.1	-0.1
L04A	Klamath Falls	76.99	37	↑P	P	16 02 45.3	-0.1
S09A	Goldfield	77.10	43	↑P	P	16 02 46.1	+0.1
J03A	Ideyld Park	77.17	35	↑P	P	16 02 46.8	+0.4
KSM	Kuching	77.19	276	eP	P	16 02 47.3	+0.1
KSM	Kuching	77.19	276	↑P	P	16 02 47.2	+0.1
KSM	Kuching	77.19	276	↑P	P	16 02 48.4	+1.2
Y13A	Salome	77.19	48	↑P	P	16 02 46.4	-0.3
M06C	Likely Place G	77.20	38	↑P	P	16 02 46.0	-0.5
V11A	Goodsprings	77.20	45	↑P	P	16 02 46.9	+0.2
PDMC	Parker Dam,Lak	77.23	47	↑P	P	16 02 46.8	-0.1
W12A	Cal Nev Ari	77.28	46	↑P	P	16 02 47.1	-0.1
TPNV	Topopah Spring	77.28	44	eP	Pmax	16 02 47.1	-0.1
TPNV					Pmax		
TPNV	comp=Z,34nm,1.6s,mb5.0						
TPNV	Topopah Spring	77.28	44	eP	P	16 02 47.1	-0.1
TPNV	comp=Z,34nm,1.6s,mb5.0						
TPNV	Topopah Spring	77.28	44	↑P	P	16 02 46.9	-0.2
N06A	Buffalo Meadow	77.29	39	↑P	P	16 02 47.1	-0.1
TPH	Topopah	77.30	42	eP	Pmax	16 02 47.4	+0.2
TPH					Pmax		
TPH	comp=Z,9.0nm,0.3s,mb5.2						
TPH	Topopah	77.30	42	eP	P	16 02 47.4	+0.2
TPH	comp=Z,9.3nm,0.3s,mb5.2						
Q08A	Gabbs	77.32	41	↑P	P	16 02 47.3	0.0
K04A	Chiquin	77.37	37	↑P	P	16 02 47.7	+0.3
I03A	Eugene	77.40	35	↑P	P	16 02 47.7	+0.1
R09A	Tonopah	77.50	42	↑P	P	16 02 48.4	+0.1

007A	Toulon	77.51	40	↑P	P	16 02 48.4	0.0
L05A	Lakeview	77.52	37	↑P	P	16 02 48.8	+0.5
Y12A	Nelson	77.53	46	↑P	P	16 02 48.1	-0.4
J04A	Umpqua Nationa	77.56	36	↑P	P	16 02 49.0	+0.4
Z14A	Wintersburg	77.57	48	↑P	P	16 02 48.7	-0.2
MPOR	Mary's Peak	77.60	34	P	P	16 02 50.0	+1.2
X13A	Yucca	77.61	47	↑P	P	16 02 49.1	+0.1
S10A	Tonopah Range,	77.62	43	↑P	P	16 02 49.0	0.0
P08A	Dixie Valley	77.72	41	↑P	P	16 02 50.0	+0.5
115A	Sonoran Desert	77.74	49	↑P	P	16 02 49.1	-0.7
Q09A	Carvers	77.77	42	↑P	P	16 02 49.8	-0.1
Y14A	Wickenburg	77.83	48	↑P	P	16 02 49.9	-0.4
W13A	Hualapai Mount	77.84	46	↑P	P	16 02 49.7	-0.6
K05A	Summer Lake	77.91	37	↑P	P	16 02 51.0	+0.5
Z16A	Three Points,	77.94	50	↑P	P	16 02 51.3	+0.4
S11A	Rachel	78.01	43	↑P	P	16 02 50.7	-0.5
R10A	Warm Springs	78.02	43	↑P	P	16 02 51.4	+0.2
J05A	Fort Rock	78.08	36	↑P	P	16 02 51.9	+0.5
M07A	Soldier Meadow	78.08	39	↑P	P	16 02 51.7	+0.2
T11A	Corn Creek, Al	78.13	44	P	P	16 02 51.8	0.0
KSR5	Korea Army	78.17	316	P	P	16 02 51.2	-0.8
KSR5	comp=Z,12nm,0.9s,mb4.8,baz=134,slow=6.1,SNR=35						
KSR5					LR	16 31 36.8	
V13A	Grand Canyon W	78.19	46	P	P	16 02 52.5	+0.3
X14A	Yavapai	78.20	47	↑P	P	16 02 52.5	+0.2
Q10A	Clear Creek Ra	78.26	42	↑P	P	16 02 52.7	+0.2
G03A	Yamhill	78.28	34	↑P	P	16 02 52.4	-0.1
Z17A	Green Valley	78.29	51	P	P	16 02 53.1	+0.2
Y15A	Casa Rosa Ranc	78.32	48	↑P	P	16 02 53.0	+0.1
K06A	Valley Falls	78.33	37	↑P	P	16 02 53.1	+0.2
N08A	GE Springer Mi	78.34	40	P	P	16 02 53.3	+0.3
L07A	Adell	78.37	38	↑P	P	16 02 53.4	+0.3
H04A	Detroit Lake	78.45	35	↑P	P	16 02 53.4	-0.1
W14A	Seligan	78.46	47	↑P	P	16 02 53.8	+0.1
R11A	Troy Canyon,C	78.51	43	P	P	16 02 54.2	+0.3
F03A	Seaside	78.55	33	↑P	P	16 02 54.6	+0.6
O09A	Fish Creek Ran	78.55	41	↑P	P	16 02 54.1	0.0
S12A	Delamar Landin	78.58	44	↑P	P	16 02 54.7	+0.3
TUC	Tucson	78.58	50	eP	Pmax	16 02 54.6	+0.1
TUC					Pmax		
TUC	comp=Z,36nm,1.8s,mb5.0						
TUC	Tucson	78.58	50	eP	P	16 02 54.6	+0.1
M08A	Happy Creek Ra	78.59	39	↑P	P	16 02 54.2	-0.1
Z16A	Peralta Trail,	78.64	49	↑P	P	16 02 54.6	-0.2
X15A	Humboldt	78.66	48	↑P	P	16 02 55.2	+0.3
V14A	Boquillas Ranc	78.67	46	↑P	P	16 02 55.4	+0.5
P10A	Eureka	78.68	41	↑P	P	16 02 55.1	+0.2
BMN	Battle Mountai	78.69	40	eP	Pmax	16 02 55.0	+0.1
BMN					Pmax		
BMN	comp=Z,11nm,1.1s,mb4.7						
BMN	Battle Mountai	78.69	40	eP	P	16 02 55.0	+0.2
BMN	comp=Z,11nm,1.1s,mb4.7						
318A	Bisbee	78.73	51	↑P	P	16 02 55.6	+0.3
117A	Oracle	78.75	50	↑P	P	16 02 55.6	+0.2
N09A	Rock Creek Ran	78.75	40	↑P	P	16 02 55.3	+0.1
Q11A	Duckwater	78.75	43	↑P	P	16 02 55.4	+0.1
OZH	Quanzhou	78.78	301	↑P	S	16 02 55.5	+0.8
OZH					S	16 12 55.0	+2.0
OZH					AMB		
OZH					AMB		
K07A	Rock Creek Ran	78.84	38	P	P	16 02 56.4	+0.7
T13A	Saint George	78.88	45	↑P	P	16 02 56.3	+0.3
Y16A	Circle Bar Ran	78.88	49	↑P	P	16 02 56.4	+0.3
H05A	Madras	78.95	35	↑P	P	16 02 56.3	0.0
Z18A	Dragon	78.95	51	P	P	16 02 56.9	+0.4
E03A	Lebam	78.96	33	↑P	P	16 02 56.6	+0.4
W15A	Williams	79.01	47	↑P	P	16 02 57.2	+0.5
WVOR	Wild Horse Val	79.04	38	eP	Pmax	16 02 56.9	+0.2
WVOR					Pmax		
WVOR	comp=Z,14nm,1.1s,mb4.8						
WVOR	Wild Horse Val	79.04	38	eP	P	16 02 56.9	+0.2
WVOR	comp=Z,14nm,1.1s,mb4.8						
U14A	Mt Trumbull	79.04	46				

29d 15h

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Rows include H10A Noah's Angus R, F09A S2 Ranch, N14A Grayback Hills, etc.

2007 MAY

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Rows include E13A Victor, F14A Wisdom, D13A Huson, etc.

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Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Rows include INK Inuvik, YAK Yakutsk, YAK YAK, etc.



Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like MALT Malatya, NRDL Niedersach Ries, KIS Kishinev, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like THEF They Montfort, PKSM Moragy, HAU Haudompre, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other technical details. Includes stations like ANTO Ankara, LOD Lodumlu, CDAG Cicekdag, etc.



Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ERM Erimo, S12A Delamar Landin, T11A Corn Creek, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KSRS, TXAR Lajitas Array, TXAR Songjio Array, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ZALV Zalesovo, ZALV Tamitsa, WHN Wuhan, etc.

Table with columns for station call signs (GYA, EAB, EBH, etc.), frequencies, and signal quality indicators (eP, pP, etc.).

Table with columns for station call signs (CLL, CLL, CLL, etc.), frequencies, and signal quality indicators (eP, pP, etc.).

Table with columns for station call signs (KOLS, KRVS, CRVS, etc.), frequencies, and signal quality indicators (eP, pP, etc.).







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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like GKN, KOD, KOLL, DANN, HYB, etc.

2007 MAY

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like BOD, BOD, BOD, BOD, MK31, etc.

29d 20h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like TIXI, BILL, BILL, BILL, BILL, AKTK, etc.

29d 20h

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like IMA2, SYO, TMCRC, etc.

2007 MAY

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like KHC, NKC, YKA, etc.

970

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like HELL, L10A, K11A, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like V14A Boquillas Ranc, Y15A Red Dirt Ranch, W14A Seligman, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like MTP Monte Pirata, LPZ La Paz, LPZ La Paz, etc.

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Time, Res, ISC. Includes stations like JMA 29:20:08.5,0.6,3178N,14238E, h0km, M4.0, Southeast of Honshu.

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Time, Res, ISC. Includes stations like MOS 29:20:32.25,9.1,5,5152N,104.73E, h7km, mb4.2/1, Error ellipse: s-maj=13.9km s-min=9.4km az=75.0.

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Time, Res, ISC. Includes stations like BYKL 29:20:32.26,3.0,3,5156N,10460E, h23km,4km, 7C-2D, Lake Baykal region.

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Time, Res, ISC. Includes stations like LSTR Listvyanka, LSTR Listvyanka, LSTR Listvyanka, etc.

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Time, Res, ISC. Includes stations like ZAK ZAK, ZAK ZAK, ZAK ZAK, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like MOY comp=E,73nm,0.6s, MOY comp=E,691nm,0.6s, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like OGRR Ongureny, OGRR Ongureny, OGRR Ongureny, etc.

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

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like KPC Khapcheringa, KPC Khapcheringa, KPC Khapcheringa, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like KMO Kumura, KMO Kumura, KMO Kumura, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: LSA, JIRN, GUN, KUN, DMN, KOLN, DANN, ULN, MK31, MK31, MKAR, TKM2, EK52, ZALV, KURK, ARU, MALT, MKBO. Includes station names, coordinates, and various codes.

ICD 29:22:45:38.9.2.2, 131S:12700E, h0km, mb3.5/2, mb1 3.6/3, mb1mx3.4/16, mbtmt3.4/3, ML3.3/1, Error ellipse: s-maj=183.4km s-min=26.9km az=66.0, Halmahera

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

ICD 29:07:30.3.0.9, 105S:12760E, h0km, mb4.0/6, mb1 4.1/8, mb1mx4.0/16, mbtmt4.0/8, ML4.1/2, Error ellipse: s-maj=45.0km s-min=16.9km az=74.0

ISCJB 29:07:31.4.4.9, 113S:009:1276E.01, h25km, 36km, mb4.3/11, Error ellipse: s-maj=24.6km s-min=8.1km az=145.8

NEIC 29:07:31.4.0.4, 102S:12764E, h10km, mb4.0/3, Error ellipse: s-maj=12.1km s-min=5.5km az=82.0

ISC 29:07:32.4.4.8, 111S:008:1277E.01, h17km, 30km, n27, c0579/28, mb4.3/11, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like KAPI, KAKA, KSM, WRAB, WRA, WB2, ASAR, KULLM, STKA, STKA, KSRS, GUN, JIRN, DMN, KOLN, DANN, ULN, SONM, MK31, MKAR, TKM2, UCH, EK52, ZALV, KURK, QSPA.

ISK 29:23:45:13.8, 3749N:3862E, h6km, MD2.5, ISCJB 29:23:45:14.6, 0.7, 3747N:005:3873E.005, h13km, 5km, Error ellipse: s-maj=9.5km s-min=5.3km az=157.4

CSEM 29:23:45:14.0, 0.2, 3749N:3865E, h12km, MD2.5, Error ellipse: s-maj=3.5km s-min=2.5km az=50.0

DDA 29:23:45:17.4, 3764N:3851E, h7km, 5km, MD2.8, ISC 29:23:45:14.9, 0.7, 3746N:005:3872E.004, h16km, 5km, n8, c0584/14, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like URFA, ATAB, MALT, GZT, SVRC, ELZG, KMRS, MARD.

ISCJB 30:00:00:17.4.2.2, 5213N:004:16711W.007, h10km, 14km, mb4.0/18, MS3.1/3, Error ellipse: s-maj=8.5km s-min=5.4km az=138.9

NEIC 30:00:00:20.1, 5208N:16697W, h15km, ML3.8(AEIC), After AEIC

ICD 30:00:00:23.0.0.9, 5216N:16696W, h39km, 6km, mb3.7/10, mb1 3.9/10, mb1mx3.7/22, mbtmt3.7/10, MS3.1/3, Mb1 3.1/3, ms1mx2.8/29, Error ellipse: s-maj=26.3km s-min=17.6km az=18.0

ISC 30:00:00:18.5.2.5, 5219N:004:16713W.007, h5km, 16km, h40km, 1.3km, pP, n139, c0576/141, mb4.0/18, MS3.1/3, 39C-41D, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like NIKO, UNV, AKLV, AKUT, AKGG, AKGG, FALS, SDPT, SPIA, CHKN, AMKA, KDAK, KDAK.

Table with columns: KDAK, IMA2, DAWY, INK, INK, BBB, YKA, H04A, I04A, H06A, YBH, J05A, K05A, I07A, O02C, K06A, L05A, I08A, MOD, MOD, K07A, J08A, L07A, A07A, K08A, H10A, J09A, C05A, NVS, F12A, L08A, H11A, K09A, O06A, D14A, M08A, K10A, O07A, N08A, G13A, D15A, F14A, E15A, N09A, J12A, R06C, M10A, L11A, K12A, O09A, Q08A, O10A, B01Z, NVAR, NVAR, NVAR, NVAR, NVAR, KCC, M12A, P10A, L13A, N12A, O11A, S08C, HELL, M13A, R09A, Q10A, S09A, R10A, S10A, P12A, RLMT, R11A, MPMC, P13A, FURC, TPNV, DUG, R12A, T11A, BSC, GSC, S13A, T13A.

ICD 29:07:30.3.0.9, 105S:12760E, h0km, mb4.0/6, mb1 4.1/8, mb1mx4.0/16, mbtmt4.0/8, ML4.1/2, Error ellipse: s-maj=45.0km s-min=16.9km az=74.0

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

ICD 29:07:30.3.0.9, 105S:12760E, h0km, mb4.0/6, mb1 4.1/8, mb1mx4.0/16, mbtmt4.0/8, ML4.1/2, Error ellipse: s-maj=45.0km s-min=16.9km az=74.0

ISCJB 29:07:31.4.4.9, 113S:009:1276E.01, h25km, 36km, mb4.3/11, Error ellipse: s-maj=24.6km s-min=8.1km az=145.8

NEIC 29:07:31.4.0.4, 102S:12764E, h10km, mb4.0/3, Error ellipse: s-maj=12.1km s-min=5.5km az=82.0

ISC 29:07:32.4.4.8, 111S:008:1277E.01, h17km, 30km, n27, c0579/28, mb4.3/11, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like KAPI, KAKA, KSM, WRAB, WRA, WB2, ASAR, KULLM, STKA, STKA, KSRS, GUN, JIRN, DMN, KOLN, DANN, ULN, SONM, MK31, MKAR, TKM2, UCH, EK52, ZALV, KURK, QSPA.

ISK 29:23:45:13.8, 3749N:3862E, h6km, MD2.5, ISCJB 29:23:45:14.6, 0.7, 3747N:005:3873E.005, h13km, 5km, Error ellipse: s-maj=9.5km s-min=5.3km az=157.4

CSEM 29:23:45:14.0, 0.2, 3749N:3865E, h12km, MD2.5, Error ellipse: s-maj=3.5km s-min=2.5km az=50.0

DDA 29:23:45:17.4, 3764N:3851E, h7km, 5km, MD2.8, ISC 29:23:45:14.9, 0.7, 3746N:005:3872E.004, h16km, 5km, n8, c0584/14, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like URFA, ATAB, MALT, GZT, SVRC, ELZG, KMRS, MARD.

ISCJB 30:00:00:17.4.2.2, 5213N:004:16711W.007, h10km, 14km, mb4.0/18, MS3.1/3, Error ellipse: s-maj=8.5km s-min=5.4km az=138.9

NEIC 30:00:00:20.1, 5208N:16697W, h15km, ML3.8(AEIC), After AEIC

ICD 30:00:00:23.0.0.9, 5216N:16696W, h39km, 6km, mb3.7/10, mb1 3.9/10, mb1mx3.7/22, mbtmt3.7/10, MS3.1/3, Mb1 3.1/3, ms1mx2.8/29, Error ellipse: s-maj=26.3km s-min=17.6km az=18.0

ISC 30:00:00:18.5.2.5, 5219N:004:16713W.007, h5km, 16km, h40km, 1.3km, pP, n139, c0576/141, mb4.0/18, MS3.1/3, 39C-41D, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like NIKO, UNV, AKLV, AKUT, AKGG, AKGG, FALS, SDPT, SPIA, CHKN, AMKA, KDAK, KDAK.

Table with columns: GMRC, LPFO, PLYON, BELC, V13A, U14A, IRM, MONP, W13A, V14A, X13A, PDMC, W14A, Y12C, V15A, GLA, X14A, Y14A, X15A, W16A, Y15A, ULM, ULM, X16A, Y17A, Y18A, I18A, 318A, KSRS, WMOK, TXAR, TXAR, TXAR, KEV, ARCES, JOF, MKAR, KAF, FINES, FINES, FINES, AKASG, AKASG, GERES, ASAR, ASAR.

ICD 29:07:30.3.0.9, 105S:12760E, h0km, mb4.0/6, mb1 4.1/8, mb1mx4.0/16, mbtmt4.0/8, ML4.1/2, Error ellipse: s-maj=45.0km s-min=16.9km az=74.0

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

ICD 29:07:30.3.0.9, 105S:12760E, h0km, mb4.0/6, mb1 4.1/8, mb1mx4.0/16, mbtmt4.0/8, ML4.1/2, Error ellipse: s-maj=45.0km s-min=16.9km az=74.0

ISCJB 29:07:31.4.4.9, 113S:009:1276E.01, h25km, 36km, mb4.3/11, Error ellipse: s-maj=24.6km s-min=8.1km az=145.8

NEIC 29:07:31.4.0.4, 102S:12764E, h10km, mb4.0/3, Error ellipse: s-maj=12.1km s-min=5.5km az=82.0

ISC 29:07:32.4.4.8, 111S:008:1277E.01, h17km, 30km, n27, c0579/28, mb4.3/11, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like KAPI, KAKA, KSM, WRAB, WRA, WB2, ASAR, KULLM, STKA, STKA, KSRS, GUN, JIRN, DMN, KOLN, DANN, ULN, SONM, MK31, MKAR, TKM2, UCH, EK52, ZALV, KURK, QSPA.

ISK 29:23:45:13.8, 3749N:3862E, h6km, MD2.5, ISCJB 29:23:45:14.6, 0.7, 3747N:005:3873E.005, h13km, 5km, Error ellipse: s-maj=9.5km s-min=5.3km az=157.4

CSEM 29:23:45:14.0, 0.2, 3749N:3865E, h12km, MD2.5, Error ellipse: s-maj=3.5km s-min=2.5km az=50.0

DDA 29:23:45:17.4, 3764N:3851E, h7km, 5km, MD2.8, ISC 29:23:45:14.9, 0.7, 3746N:005:3872E.004, h16km, 5km, n8, c0584/14, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like URFA, ATAB, MALT, GZT, SVRC, ELZG, KMRS, MARD.

ISCJB 30:00:00:17.4.2.2, 5213N:004:16711W.007, h10km, 14km, mb4.0/18, MS3.1/3, Error ellipse: s-maj=8.5km s-min=5.4km az=138.9

NEIC 30:00:00:20.1, 5208N:16697W, h15km, ML3.8(AEIC), After AEIC

ICD 30:00:00:23.0.0.9, 5216N:16696W, h39km, 6km, mb3.7/10, mb1 3.9/10, mb1mx3.7/22, mbtmt3.7/10, MS3.1/3, Mb1 3.1/3, ms1mx2.8/29, Error ellipse: s-maj=26.3km s-min=17.6km az=18.0

ISC 30:00:00:18.5.2.5, 5219N:004:16713W.007, h5km, 16km, h40km, 1.3km, pP, n139, c0576/141, mb4.0/18, MS3.1/3, 39C-41D, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h m s, ISC. Includes stations like NIKO, UNV, AKLV, AKUT, AKGG, AKGG, FALS, SDPT, SPIA, CHKN, AMKA, KDAK, KDAK.

CSEM 30:00:27:39.8.0.1, 4196N:2036E, h5km, ML2.6, Error ellipse: s-maj=2.0km s-min=1.1km az=53.0, ISCJB 30:00:27:40.6.0.3, 4193N:002:2030E.003, h10km, Error ellipse: s-maj=2.3km s-min=1.2km az=140.3, NEIC 30:00:27:41.2, 4195N:2025E, h5km, ML2.6(PDG), After PDG, PDG 30:00:27:41.2, 0.1, 4195N:2025E, h5km, MD2.6/1, ML2.6/10, Error ellipse: s-maj=0.4km s-min=0.6km az=0.0, THE 30:00:27:41.1, 4193N:2038E, h8km, ML3.6, SKO 30:00:27:41.2, 4193N:2035E, h7km, BEO 30:00:27:42.1, 0.3, 4190N:2031E, h18km, 6km, ML2.3/6, ISC 30:00:27:40.9.0.4, 4194N:002:2032E.003, h2km, 3km, n43, c0597/7, 7C-3D, Albania



30d 2h

2007 MAY

974

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DIVS, Divibare, Pn, Az, Phase ID, Time, Res, DIVS, Divibare, Pn, Az, Phase ID, Time, Res, DIVS, Divibare, Pn. Includes various station codes like OHR, OHR, KBN, etc., and their corresponding coordinates and parameters.



TIXI	Tiksi	78.04 354 eP	P	02 12 36.1 -1.5
ZAAO	Zalesovo Array	78.83 328 eP	P	02 12 40.6 -1.7
ZAAO	Zalesovo Array	78.83 328 eP	pP	02 12 30.3 -3.5
ZAL	Zalesovo Beam	78.83 328 P	P	02 12 40.9 -1.4
ZAL	Zalesovo	78.84 328 P	P	02 12 40.9 -1.5
SVWZ	Sparrevohn	79.75 24 eP	P	02 12 47.6 +0.5
ULHL	Ulahol	79.92 314 P	P	02 12 48.7 +0.2
TTA	Tatalina	80.56 23 eP	P	02 12 51.3 -0.1
TTA	Tatalina	80.56 23 eP	pmax	
TKM2	Tokmak 2	80.58 315 eP	P	02 12 51.8 -0.1
TKM2	Tokmak 2	80.58 315 eP	pmax	
TKM2	Tokmak 2	80.58 315 eP	P	02 12 51.8 -0.1
KZA	Kyzart	80.58 314 P	P	02 12 53.0 +1.0
KURK	Kurchatov	81.07 323 eP	P	02 12 53.4 -1.0
KURK	Kurchatov	81.07 323 eP	pmax	
KURK	Kurchatov	81.07 323 eP	P	02 12 53.4 -1.0
UCH	Uchto	81.15 314 P	P	02 12 55.3 +0.3
UCH	Uchtor	81.15 314 P	P	02 12 55.8 +0.8
USP	Ospenavka	81.44 315 P	P	02 12 56.5 0.0
AML	Almayashu	81.71 314 eP	P	02 12 58.1 +0.2
AML	Almayashu	81.71 314 P	P	02 12 58.9 +0.9
SLKM	Skilak Lake	81.75 26 eP	P	02 12 57.7 0.0
EKS2	Erkin-Say	81.79 314 eP	P	02 12 58.4 0.0
EKS2	Erkin-Say	81.79 314 P	P	02 12 58.5 +0.1
MAW	Mawson	82.73 203 P	P	02 12 02.7 -0.1
IMA2	Indian Mountain	83.07 21 eP	P	02 12 04.0 -0.4
DIV	Divide	83.99 27 eP	P	02 12 03.9 +0.6
QSPA	South Pole	84.37 180 eP	P	02 12 10.9 +0.1
QSPA	College	84.66 23 eP	pP	02 13 57.6 -5.5
COLA	College	84.66 23 eP	pmax	02 13 11.2 -1.3
COLA	College	84.66 23 eP	P	02 13 11.2 -1.3
BRVK	Borovyev	86.69 324 eP	P	02 13 21.1 -1.6
BRVK	Borovyev	86.69 324 eP	pmax	
BRVK	Borovyev	86.69 324 eP	P	02 13 21.1 -1.6
EGAK	Eagle	87.82 24 eP	P	02 13 25.3 0.0
DAWY	Dawson	87.78 25 eP	P	02 13 28.4 +0.7
INK	Inuvik	91.17 21 eP	P	02 13 42.3 -1.1
E03A	Lebam	93.42 44 eP	P	02 13 55.2 +0.9
H03A	Soap Creek Ran	93.47 46 eP	P	02 13 55.4 +0.8
O02C	Red Bluff	93.50 50 eP	P	02 13 55.5 +0.7
GASB	Alder Springs	93.52 51 eP	P	02 13 55.4 +0.5
M02C	Callahan	93.54 49 eP	P	02 13 55.0 0.0
HUMO	Hull Mountain	93.56 48 eP	P	02 13 54.9 -0.2
B04A	Port Angeles	93.58 42 eP	P	02 13 55.5 +0.5
J03A	Ideyid Park	93.61 47 eP	P	02 13 55.3 0.0
MNRC	McLaughlin Nat	93.67 51 eP	P	02 13 55.9 +0.3
YBH	Yreka Blue Hor	93.67 49 eP	P	02 13 55.7 +0.1
YBH	Yreka Blue Hor	93.67 49 eP	pmax	
YBH	Yreka Blue Hor	93.67 49 eP	P	02 13 55.8 +0.2
WDC	Whiskeytown Da	93.72 50 eP	P	02 13 55.8 0.0
C04A	Brinnon	93.91 43 eP	P	02 13 57.2 +0.7
M03C	McCloed	94.08 49 eP	P	02 13 58.0 +0.5
M04C	Macdoel	94.33 49 eP	P	02 13 58.2 -0.4
V03C	Hunter Liggett	94.43 54 eP	P	02 13 59.2 0.0
ORV	Oroville	94.44 51 eP	P	02 13 59.5 +0.3
S04C	Ingram Canyon	94.45 53 eP	P	02 13 59.3 0.0
PATC	Pacheco Peak	94.45 53 eP	P	02 13 58.9 -0.3
HAC	Hat Creek Radi	94.55 50 eP	P	02 13 59.6 -0.1
E05A	Randle	94.67 44 eP	P	02 14 00.6 +0.6
C05A	Toit Reservoir	94.78 43 eP	P	02 14 00.4 -0.1
O04C	Chester	94.81 50 eP	P	02 14 00.9 +0.1
U04C	Hernandez Rese	94.82 54 eP	P	02 14 01.3 +0.4
M05C	Lookout	94.82 49 eP	P	02 14 01.2 +0.3
J05A	Fort Rock	94.86 47 eP	P	02 14 01.1 +0.2
A06A	Chilliwack	94.98 41 eP	P	02 14 01.3 -0.1
LAVA	Lava Cap Winer	94.99 52 eP	P	02 14 01.6 -0.1
PKD	Parkfield	94.99 54 eP	P	02 14 01.7 0.0
K05A	Summer Lake	95.08 48 eP	P	02 14 02.0 -0.1
L05A	Lakeview	95.08 48 eP	P	02 14 01.6 -0.4
P05C	Yuba Gap, Truc	95.12 51 eP	P	02 14 02.1 -0.1
E06A	Yakima	95.20 44 eP	P	02 14 02.7 +0.2
CMB	Columbia Colle	95.23 52 eP	P	02 14 02.6 -0.2
BEKR	Beckwourth	95.34 51 eP	P	02 14 03.3 +0.1
MOD	Modoc	95.48 49 eP	P	02 14 03.6 -0.3
PKM	Peak Mountain	95.52 56 eP	P	02 14 04.5 +0.3
K06A	Valley Falls	95.56 48 eP	P	02 14 04.7 +0.5
H06A	Lindquist Farm	95.58 46 eP	P	02 14 04.0 -0.2
I06A	Prineville	95.63 46 eP	P	02 14 04.4 -0.1
S06C	San Francisco	95.64 53 eP	P	02 14 04.1 -0.6
A07A	Asnholia River	95.70 41 P	P	02 14 04.9 +0.2
T06C	Millerton Lake	95.72 53 eP	P	02 14 04.5 -0.6
WCN	Washoe City	95.78 51 eP	P	02 14 05.7 +0.4
N06A	Buffalo Meadow	95.78 50 eP	P	02 14 05.1 -0.1
B07A	Winthrop	95.86 42 eP	P	02 14 05.6 +0.2
C07A	Waterville	95.87 43 eP	P	02 14 05.1 -0.3
D07A	Quincy	95.92 43 eP	P	02 14 05.7 0.0
R06C	Coleville	95.99 52 eP	P	02 14 06.8 +0.5
KCC	Kaiser Creek	96.04 53 eP	P	02 14 06.5 0.0

G07A	Ruggs Ranch, H	96.07 45 eP	P	02 14 06.6 +0.1
I07A	Izee	96.15 46 eP	P	02 14 06.6 -0.3
L07A	Adell	96.20 48 eP	P	02 14 07.0 -0.1
HELL	Mitchell Peak	96.25 54 eP	P	02 14 07.4 -0.1
J07A	Hines	96.27 47 eP	P	02 14 07.5 +0.1
K07A	Rock Creek Ran	96.29 48 eP	P	02 14 07.2 -0.3
M07A	Soldier Meadow	96.31 49 eP	P	02 14 07.7 0.0
B08A	Colville Reser	96.38 42 eP	P	02 14 07.8 0.0
A08A	Turner Farm, O	96.43 41 P	P	02 14 08.2 +0.2
O07A	Toulon	96.49 50 eP	P	02 14 08.5 0.0
E08A	Dider Farm, El	96.53 44 eP	P	02 14 08.4 0.0
C08A	Higginbotham F	96.56 43 eP	P	02 14 08.8 +0.2
G08A	Pilot Rock	96.57 45 eP	P	02 14 09.0 +0.3
D08A	Wollman Farm	96.63 43 eP	P	02 14 08.5 -0.4
WVOR	Wild Horse Val	96.73 48 eP	pmax	02 14 09.5 0.0
WVOR	Wild Horse Val	96.73 48 eP	P	02 14 09.5 0.0
H08A	Prairie City	96.76 46 eP	P	02 14 09.5 -0.1
I08A	Dreysey	96.82 47 eP	P	02 14 09.9 +0.1
J08A	Circle Bar Ran	96.88 47 eP	P	02 14 09.6 -0.5
NVAR	Mina Array Bea	96.88 52 P	P	02 14 09.0 -1.3
A09A	Danville	96.89 41 P	P	02 14 10.3 +0.2
L08A	Fields	96.95 48 eP	P	02 14 10.9 +0.4
S08C	White Mtn Res	96.96 53 eP	P	02 14 10.8 +0.1
EDW2	Edwards Air Fo	97.02 56 eP	P	02 14 11.0 0.0
D09A	Jones Farm, Ri	97.05 43 P	P	02 14 11.2 +0.3
N09A	GE Springer M	97.07 50 eP	P	02 14 11.1 0.0
E09A	Wood Farm, Sta	97.16 44 P	P	02 14 11.7 +0.3
B09A	Rice	97.17 42 P	P	02 14 11.4 +0.1
J09A	Fry Pan Ranch	97.40 47 P	P	02 14 12.8 +0.3
K09A	Rome	97.41 48 eP	P	02 14 12.6 0.0
MPMC	Manual Prospec	97.47 54 eP	P	02 14 13.0 0.0
S09A	Goldfield	97.72 53 eP	P	02 14 14.5 +0.4
BMO	Blue Mountains	97.73 46 eP	pmax	02 14 12.7 -1.3
BMO	Blue Mountains	97.73 46 eP	P	02 14 12.7 -1.3
D10A	Wagner Farm, O	97.76 43 P	P	02 14 14.1 +0.1
F10A	Beach Ranch, E	97.79 44 P	P	02 14 14.3 +0.1
NEW	Newport	97.86 42 eP	pmax	02 14 14.2 -0.2
NEW	Newport	97.86 42 eP	P	02 14 14.2 -0.2
G10A	Bishop Farm, J	97.87 45 P	P	02 14 14.1 -0.4
FURC	Furnace Creek,	97.98 54 eP	P	02 14 15.7 +0.4
GSC	Goldstone	98.01 55 eP	P	02 14 15.6 +0.2
K10A	MacKenzie Ranc	98.04 48 eP	P	02 14 15.4 0.0
H10A	Noah's Angus R	98.13 46 P	P	02 14 15.4 -0.3
S10A	Tonah Range, T	98.22 53 eP	P	02 14 16.2 -0.1
M10A	L.L. Ranch, Tu	98.29 49 eP	P	02 14 16.5 -0.1
L10A	Jazo River Basin	98.34 48 eP	P	02 14 16.7 -0.1
A11A	Hall Mountain,	98.35 41 P	P	02 14 17.6 +0.9
D11A	Klaveano Farm,	98.40 43 P	P	02 14 16.9 +0.1
G11A	Walters Elk Ra	98.47 45 eP	P	02 14 17.1 -0.2
TPNV	Topopah Spring	98.48 54 eP	P	02 14 17.3 -0.2
E11A	Bogner Ranch,	98.50 44 P	P	02 14 17.0 -0.3
F11A	Grangeville	98.54 45 eP	P	02 14 17.0 -0.5
H11A	Dotelly	98.66 46 eP	P	02 14 17.7 -0.4
K11A	Parker Ranch,	98.66 48 eP	P	02 14 18.1 -0.1
YKA	Yellowknife Ar	98.68 28 P	P	02 14 16.8 -0.9
YKA	Yellowknife Ar	98.68 28 P	P	02 14 16.8 -0.9
I11A	Placerville	98.71 47 eP	P	02 14 18.4 0.0
MFID	Canas Ranch	98.81 47 eP	P	02 14 18.7 0.0
L11A	Cat Creek Ranc	98.87 48 eP	P	02 14 19.2 +0.1
R11A	Troy Canyon, C	99.02 52 eP	Pdf	02 14 20.1 +0.6
D12A	Red Ives Fores	99.02 43 eP	Pdf	02 14 19.7 0.0
F12A	Elk City	99.17 45 eP	Pdf	02 14 19.6 -0.6
IRM	Iron Mountain	99.35 56 eP	Pdf	02 14 21.8 +0.8
L12A	House Creek Ra	99.42 48 eP	Pdf	02 14 21.8 +0.5
N12A	Clover Valley,	99.42 50 eP	Pdf	02 14 21.9 +0.5
H12A	Diamond D Ranc	99.49 46 eP	Pdf	02 14 22.1 +0.5
K12A	Draper Farm, C	99.50 48 eP	Pdf	02 14 22.2 +0.5
M12A	Wells	99.51 49 eP	Pdf	02 14 22.0 +0.3
C13A	Hot Springs	99.58 43 eP	Pdf	02 14 21.6 -0.4
GLA	Glamis	99.61 58 eP	Pdf	02 14 23.1 +0.9
B13A	Whitefish	99.62 42 eP	Pdf	02 14 22.2 -0.1
O12A	Currie	99.66 50 eP	Pdf	02 14 22.7 +0.4
D13A	Huson	99.68 43 eP	Pdf	02 14 22.0 -0.4
R13A	Pony Springs,	99.79 52 eP	Pdf	02 14 23.1 +0.2
F12A	Darby	99.82 45 eP	Pdf	02 14 23.2 +0.1
HLID	Hailey	99.83 47 eP	Pdf	02 14 23.4 +0.2
HLID	Hailey	99.83 47 eP	Pdf	02 14 23.7 +0.5
G13A	Cobalt	99.91 45 eP	Pdf	02 14 23.4 0.0
H13A	Challis	99.92 46 P	Pdf	02 14 24.2 +0.7
I13A	Wildhorse Cree	100.04 47 eP	Pdf	02 14 24.6 +0.5
P13A	Bates Ranch, G	100.23 51 eP	Pdf	02 14 25.3 +0.3
M14A	Sheep Mountain	100.69 49 eP	Pdf	02 14 27.6 +0.7
K14A	Jones Ranch, D	100.77 48 eP	Pdf	02 14 27.6 +0.3

N14A	Grayback Hills	100.83 50 eP	Pdf	02 14 28.3 +0.7
E15A	Deer Lodge	100.96 44 eP	Pdf	02 14 28.6 +0.5
F15A	Butte	101.10 45 eP	Pdf	02 14 28.9 +0.1
DUG	Dugway	101.14 50 eP	Pdf	02 14 28.8 -0.1
DUG	Dugway	101.14 50 eP	pmax	
DUG	Dugway	101.14 50 eP	Pdf	02 14 28.8 -0.1
DUG	Dugway	101.14 50 eP	Pdf	02 14 29.1 +0.1
N15A	Stansbury Isla	101.33 50 eP	Pdf	02 14 29.9 +0.1
BOZ	Bozeman (W)	101.72 45 eP	Pdf	02 14 32.0 +0.5
BOZ	Bozeman (W)	101.72 45 eP	pmax	
BOZ	Bozeman (W)	101.72 45 eP	Pdf	02 14 32.0 +0.5
BOZ	Bozeman (W)	101.72 45 eP	Pdf	02 14 31.6 +0.1
WUAZ	Wupatki	102.44 55 eP	Pdf	02 14 35.2 +0.5
SMCO	Snowmass	105.70 51 eP	Pdf	02 14 49.9 +0.7
ARCES	ARCES Array B	105.97 342 P	Pdf	02 14 50.0 -0.4
ARCES	ARCES	105.97 342 P	Pdf	02 18 58.8 -2.3
ARCES	ARCES	105.97 342 P	Pdf	02 30 21.9 -5.3
TXAR	Lajitas Array	109.30 61 P	Pdf	02 19 07.5 -1.0
FINES	FINES Array B	109.44 334 P	Pdf	02 15 03.7 -2.2
FINES	FINES	109.44 334 P	Pdf	02 19 05.9 -1.9
AKASO	Main Array Be	111.88 323 P	Pdf	02 19 11.2 -1.5
AKASO	Main Array Be	111.88 323 P	PP	02 19 55.4 -3.6
AKKB	Main Array Si	111.88 323 eP	Pdf	02 19 12.6 -0.1
JCT	Junction City	112.53 59 eP	Pdf	02 19 13.7 -0.9
NOA	NORSAR Array B	115.70 338 P	Pdf	02 19 18.0 -1.7
NOA	NORSAR Array B	115.70 338 P	Pdf	02 19 18.0 -1.7
KWP	Kawarua	116.17 323 eP	Pdf	02 19 19.7 -1.3
LSZ	Lusaka	116.23 290 eP	Pdf	02 19 22.7 +0.7
MAST	Macedoches	116.69 57 eP	Pdf	02 19 22.5 0.0
KOLS	Kolonice sedl	116.72 323 eP	Pdf	02 19 22.0 0.0
STHS	Stebnicka Huta	117.13 324 eP	Pdf	02 19 22.4 -0.4
DRGR	DRGR	117.30 320 eP	Pdf	02 19 22.2 -1.0
NIE	Niezica	117.67 324 eP	Pdf	02 19 23.8 -1.1
BZS	Buzias	118.46 320 eP	Pdf	02 19 24.4 -







Table with 4 columns: NB2, NORSAR Subarra, 9.54 256, Pn, Pn, 10 00 47.2 +1.9

IDC 30 10:17:58.1+0.6, 3383Sx17860W, h0km, mb4.5/11, mb1 4.7/12, mb1mx4.5/17, mbtmp4.5/12, ML5.0/1, MS3.7/3, Ms1 3.7/3, ms1mx3.2/22, Error ellipse: s-maj=21.6km s-min=18.3km az=12.0

ISCJB 30 10:18:01.9-0.7, 3420S.006x1788W.0.1, h35km, mb4.6/16, MS3.7/3, Error ellipse: s-maj=14.2km s-min=7.5km az=19.4

NEIC 30 10:18:07.2+2.2, 3387Sx17880W, h4km, 17km, mb4.9/8, Error ellipse: s-maj=16.8km s-min=12.5km az=195.0

ISC 30 10:18:03.9-0.7, 3418S.006x1788W.0.1, h35km, mb6.0, sigma1509/45, mb4.6/16, MS3.7/3, 1C, South of Kermadec Islands

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC

NEIC 30 10:19:58.0, 1526N-9784W, h20km, MD3.7(MEX), After MEX.

MEX 30 10:19:57.6-0.9, 1532N-9779W, h3km, 41km, MD3.7, Near coast of Oaxaca

Table with 4 columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC

Table with 4 columns: VHO, Vista Hermosa, 2.02 30, i P, Pn, 10 20 30.0 -2.6

IDC 30 10:23:42.3+1.9, 609Sx15134E, h0km, mb3.8/4, mb1 4.1/4, mb1mx3.7/14, mbtmp3.8/4, MS2.8/1, Ms1 2.8/1, ms1mx2.5/25, Error ellipse: s-maj=97.7km s-min=29.1km az=131.0, New Britain region

Table with 4 columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC

MAN 30 10:34:45, 1262N-12336E, h4km, mb4.2, ML3.0, MS2.7, 1C, Luzon

Table with 4 columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC

IDC 30 10:35:22.1+3.5, 2156Sx17065E, h0km, mb3.6/3, mb1 4.0/3, mb1mx3.7/12, mbtmp3.6/3, Error ellipse: s-maj=21.2km s-min=32.6km az=159.0, Southeast of Loyalty Islands

Table with 4 columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC

TEH 30 10:49:43.0, 3028N-5077E, h18km, ML4.0, IDC 30 10:50:18.2+1.1, 3019N-5092E, h0km, mb4.1/16, mb1 4.2/17, mb1mx4.0/26, mbtmp4.1/17, ML4.1/1, MS3.2/9, Ms1 3.2/9, ms1mx2.9/34, Error ellipse: s-maj=26.2km s-min=15.5km az=167.0

CSEM 30 10:50:19.3-0.1, 3014N-5076E, h15km, mb4.5/14, Ms3.5, Error ellipse: s-maj=2.8km s-min=2.4km az=62.0

THR 30 10:50:20.1+1.2, 3017N-5078E, h15km, ML4.0, NEIC 30 10:52:33, 3028N-5075E, h16km, mb4.4/12, MNA 0.0(TEH) After TEH.

ISCJB 30 10:50:24.0-0.3, 3021N-5091E-0.03, h68km, 4km, mb4.2/39, Error ellipse: s-maj=4.8km s-min=3.9km az=165.9

MOS 30 10:50:24.5+1.2, 3019N-5070E, h69km, mb4.5/22, Error ellipse: s-maj=10.0km s-min=6.2km az=119.1

OMAN 30 10:51:19.3, 2466N-5818E, ISC 30 10:52:40.0-0.3, 3022N-033-5087E-0.03, h61km, 4km, n165, sigma1925/175, mb4.3/39, 12C-8D, Northern and central Iran

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC



30d 12h

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

2007 MAY

Table with columns: BILL, Bilibino, YKA, WRA, NEIC, MOS, Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Bilibino, Yka, Wra, etc.

980

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





NVAR Mina Array Bea 64.43 323 P P 17 08 06.7 -0.7
TORO Torodi Ar. Bea 79.22 74 P P 17 09 38.4 +1.7

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 19.93 162 Op ISC h m s ISC
ASAR Alice Springs 23.36 166 P P 17 38 00.9 -0.1

NEIC 30 17:32:50.7-2.2, 087S-12806E, h0km, mb3.2/2, mb1 3.3/3,
mb1mx3.2/15, mbtmp3.1/3, ML3.3/1, Error ellipse:
s-maj=172.2km s-min=26.2km az=67.0, Halmahera

Code Station Name A° AZ° Phase ID Time Res
CTA Charters Tower 32.31 264 Op ISC h m s ISC
ASAR Alice Springs 43.43 256 P P 17 44 31.1 -0.3

NEIC 30 17:37:22.8-7.3, 1999S-17932W, h647km, 69km, mb2.7/4,
mb1 3.0/4, mb1mx2.7/14, mbtmp2.7/4, Error ellipse:
s-maj=169.9km s-min=32.3km az=151.0, Fiji Islands region

Code Station Name A° AZ° Phase ID Time Res
AFI Afiamalu 6.16 49 Op ISC h m s ISC
RAR Rarotonga 16.14 107 LR LR 17 51 27.5
RRZ Urewera 20.91 194 LR LR 17 55 21.3

NEIC 30 17:57:15.6-5.4, 3511S-17861E, h152km, 40km, mb3.8/4,
mb1 4.0/5, mb1mx3.6/16, mbtmp3.6/5, Error ellipse:
s-maj=55.7km s-min=4.7km az=47.0,
WEL 30 17:57:20.0-0.6, 3567S-17847E, h214km, 7km, ML4.4/10,
Error ellipse: s-maj=10.6km s-min=8.5km az=90.0

NEIC 30 17:57:22.2-1.5, 3615S-01-1788E-02, h252km, 9km, n71,
o654/77, mb3.9/4, Off east coast of North Island

Code Station Name A° AZ° Phase ID Time Res
MXZ Matakaoa Point 1.48 195 Op ISC h m s ISC
MXZ Matakaoa Point 1.48 195 Pn Pn 17 57 59.4 -1.0

Code Station Name A° AZ° Phase ID Time Res
DEG La Desirade 0.50 213f Op ISC h m s ISC
DEG Marie-Galante 0.97 213 eS Sb 18 31 40.9 +0.0

NEIC 30 19:19:44.9-2.0, 1862S-6791W, h210km, 17km, mb3.3/2,
mb1 3.3/5, mb1mx3.2/19, mbtmp3.2/5, Error ellipse:
s-maj=35.5km s-min=31.0km az=65.0, Central Bolivia

Code Station Name A° AZ° Phase ID Time Res
LPAZ La Paz 2.33 355 Op ISC h m s ISC
SIV San Ignacio 7.04 69 Pn Pn 19 21 25.1 -0.6

TUWZ Tuamarina 6.50 214 Pn Pn 17 58 55.3 -1.2
NNZ Nelson 6.61 218 Pn Pn 17 58 56.9 -0.9

ASAR Alice Springs 40.52 275 P P 18 04 37.7 +0.8
WRA Warramunga Arr 42.24 270 P P 18 04 49.4 +0.1

ISCBJ 30 18:09:02.5-2.6, 271N-1008.1286E, 0.1, h244km, 27km,
mb4.1/19, Error ellipse: s-maj=24.0km s-min=10.1km
az=160.7

NEIC 30 18:09:02.9-2.8, 272N-12854E, h232km, 28km, mb4.4/5,
Error ellipse: s-maj=22.3km s-min=8.0km az=81.0

Code Station Name A° AZ° Phase ID Time Res
BATI Kupang 13.74 201 Op ISC h m s ISC
KAKA Kakadu 15.77 166 eP Pn 18 12 32.7 -0.7

Code Station Name A° AZ° Phase ID Time Res
FITZ Fitzroy Crossi 20.87 188 eP P 18 13 26.3 -1.4
WRAB Tennant Creek 23.18 166 eP P 18 13 49.9 +0.6

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
BATI Kupang 13.74 201 Op ISC h m s ISC
KAKA Kakadu 15.77 166 eP Pn 18 12 32.7 -0.7

Code Station Name A° AZ° Phase ID Time Res
MUN Mundaring 36.45 198 eP P 18 15 45.9 +0.1
STKA Stephens Creek 36.52 161 eP P 18 15 49.3 +0.4

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

STKA Stephens Creek 34.63 248 P P 19 30 33.8 -0.4
ASAR Alice Springs 41.90 261 P P 19 31 33.8 +0.3

NEIC 30 19:29:38.7, 1785N-10154W, h5km, MD4.0(MEX), After
MEX.
MEX 30 19:29:38.7-1.4, 1785N-10154W, h5km, MD4.0, Near
coast of Guerrero

Code Station Name A° AZ° Phase ID Time Res
ZLIG Zihuatenejo 0.55 164 Op ISC h m s ISC
ZLIG El Cayaco 1.45 123 iP Sg 19 29 42.4 -1.2

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1

Code Station Name A° AZ° Phase ID Time Res
WRA Warramunga Arr 23.18 166 P P 18 13 49.3 -0.1



30d 20h

NEIC 30 19:38:01.1-4.0, 20395s:17411W, h33km, mb5.0/31, Error ellipse: s-maj=11.8km s-min=7.9km az=147.0

BUI 30 19:38:01.0, 2040S:17410W, h39km, mb5.2, mb4.9, Ms5.3, Ms2.8

MOS 30 19:38:03.3-3.3, 20285s:17431W, h33km, mb5.2/14, Error ellipse: s-maj=14.6km s-min=10.5km az=59.3

ISC 30 19:38:03.1-2.5, 20485s:008:17410W, h57km, mb2.3km, h53km, mb2.4km, p-P, n194, c0994/98, mb4.8/48, MS5.0/2, 5C-19D, Tonga Islands

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

2007 MAY

Main table of seismic events with columns: CTU, Camp Tracy, BNM, Barren Site, LPM, Los Pinos Moun, DAA, Daniels Canyon, TTA, Talatina, etc. Includes event details like magnitude, time, and location.

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Table of seismic stations and events, including stations like Saint Gilles, Gura Zlata, La Drutiere, Gorron, BZS, Buzass, etc.

ISC/JST 30 19:52:08.9-0.5, 3776N-002-2196E:003, h6km, 4km, Error ellipse: s-maj=4.2km s-min=3.2km az=145.9

CSEM 30 19:52:09.8-0.1, 3777N-2197E, h8km, ML3.2, Error ellipse: s-maj=1.8km s-min=1.5km az=53.0

ATH 30 19:52:09.2, 3777N-2191E, h26km, 1km, MD3.2/10, ML3.2

NEIC 30 19:52:09.2, 3777N-2191E, h26km, ML3.2(ATH), After

THE 30 19:52:09.6, 3777N-2199E, h3km, ML3.3

ISC 30 19:52:09.8-0.4, 3778N-002-2197E:003, h7km, 4km, n31, c087/48, Southern Greece

Table of seismic stations and events, including stations like RLS, Sela, Sela, Sela, Sela, etc.

ISC/JST 30 20:07:48.2-1.5, 752S-007:12853E:007, h120km, 15km, mb4.2/12, Error ellipse: s-maj=13.8km s-min=7.8km az=43.8

NEIC 30 20:07:52.2-1.7, 749S:12839E, h134km, 17km, mb4.7/8, Error ellipse: s-maj=15.3km s-min=9.8km az=70.0

ISC 30 20:07:52.3-2.9, 748S:12830E, h135km, 27km, mb3.8/8, mb1.3/9.9, mb1m3.8/14, mb1m3.9/9.9, Error ellipse: s-maj=12.9km s-min=12.9km az=65.0

ISC 30 20:07:47.1-1.6, 745S:008:12856E:007, h94km, 15km, n34, c084/40, mb4.2/12, Banda Sea

Table of seismic stations and events, including stations like Kupaung, Bati, Kaka, Kaka, etc.









Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KZA, WDC, L05A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like I11A, CVS, E15A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SAO, SAO, SAO, etc.



2007 MAY

30d 20h

Table with columns for location (BER, 191A, 116A, etc.), time (comp-Z, 538nm, 2.0s, mb6.0), and values (65.56 345 eP, 20 32 45.0 +1.5, etc.).

Table with columns for location (KAKA, SCIA, SCIA, BATI, etc.), time (comp-Z, 235nm, 1.0s, mb6.0), and values (68.28 49 eP, 20 33 31.6 +1.8, etc.).

Table with columns for location (KSK, KPL, KPL, LATR, etc.), time (comp-Z, 605nm, 1.6s, mb6.2), and values (69.95 351 eP, 20 33 11.1 +0.1, etc.).







Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like HAU Haudompre, NIG Nigde, PAL Palisades, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like HOQ Hoqain, VTS Vitosh, KIZT Kizical, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like SHUT Suhut-Afyon, SGFM Saint Gilles, ROSF Rostren, etc.

Table with columns: MNCY, MNCY, BRAL, etc. containing names, dates, and numerical values.

Table with columns: APE, APE, APE, etc. containing names, dates, and numerical values.

Table with columns: RBK, RBK, RBK, etc. containing names, dates, and numerical values.





Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HFS Hagfors, CDAG Cicekdag, AKASG Malin Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JURN 7.2nm,6.6s,mb4.0, GUN Gumba, PKI Pulchoki, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EDC Edincik, ENEZ Enez, KULA Kula-Manisa, etc.

NEIC 30 23:19:45.5, 3780S, 17631E, h200km, MG4.7(WEL), After WEL. WEL 30 23:19:45.0, 6.3780S, 17629E, h200km, 4km, ML4.7/22, Error ellipse: s-maj=4.0km s-min=2.7km az=90.0, North

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TGRZ Tauranga, TGRZ Tauranga, OPRZ Ohinepanea, etc.

NEIC 30 22:51:22.5, 1736N, 10089W, h26km, MD4.3(MEX), After MEX. MEX 30 22:51:22.3, 1.1, 1733N, 10089W, h28km, 21km, MD4.3, Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZIG Zihuatanajo, CAIG El Cayaco, CAIG Acapulco, etc.

ICD 30 22:57:10.4, 1.1, 5643S, 2449W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.7/1.5, mb1mx3.8/3, MS3.4/1, Ms1 3.4/1, ms1mx3.1/1.5, Error ellipse: s-maj=47.2km s-min=29.9km az=89.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CPUP Villa Florida, CPUP 0.7nm, 0.4s, baz=146, slow=7.3, SNR=3.5, etc.

ISCJ 30 23:12:43.0, 0.9, 3895N, 003.2640E, 0.05, h8km, 5km, Error ellipse: s-maj=6.8km s-min=3.8km az=156.2, ATH 30 23:12:43.3, 3889N, 26.19E, h21km, MD3.5/5, NEIC 30 23:12:44.0, 3899N, 26.46E, h9km, MD3.5(ATH), MD3.3(SK), After ISK.

ISC 30 23:12:44.3, 3900N, 26.47E, h9km, MD3.3, CSEM 30 23:12:44.0, 0.1, 3897N, 26.48E, h10km, MD3.1, Error ellipse: s-maj=2.8km s-min=1.6km az=53.0, DDA 30 23:12:45.6, 3905N, 26.54E, h4km, 3km, Md3.1, ISC 30 23:12:44.7, 3895N, 003.2642E, 0.05, h12km, 4km, n29, c=679/42, Aegean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PRK Parasevki, PRK Parasevki, AYVA Ayvalik, etc.

ICD 30 22:42:38.1, 1.5, 5235N, 15735E, h0km, mb3.5/6, mb1 3.7/6, mb1mx3.5/2.2, mb1mx3.5/6, Error ellipse: s-maj=47.2km s-min=25.2km az=164.0, ISCJ 30 22:42:40.7, 0.6, 5197N, 008.1577E, 0.1, h131km, 4km, mb3.2/5, Error ellipse: s-maj=19.2km s-min=5.6km az=41.2

MOS 30 22:42:50.4, 2.1, 5229N, 15724E, h125km, mb4.1/1, Error ellipse: s-maj=36.8km s-min=16.0km az=80.8, KRSC 30 22:42:51.6, 0.4, 5185N, 15807E, h116km, 55km, ML3.8, ISC 30 22:42:51.6, 0.5, 5196N, 009.1577E, 0.2, h127km, 4km, n24, c=114/34, mb3.4/5, 1D, Near east coast of Kamchatka

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GRL Gorely, GRL Malaya Ipe'l'ka, RUS Russkaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ALID Alaid, ALID Ganaly, SPN Mys Shipunski, etc.

ICD 30 22:47:30.6, 2.5, 104N, 12385E, h275km, 26km, mb3.7/12, s-maj=3.9/13, mb1mx3.7/2.1, mb1mx3.7/13, Error ellipse: s-maj=29.9km s-min=9.6km az=75.0, NEIC 30 22:47:31.2, 2.0, 105N, 12391E, h282km, 21km, mb4.3/10, Error ellipse: s-maj=14.8km s-min=6.2km az=76.0, ISCJ 30 22:47:34.4, 2.3, 104N, 1008E, 124.1E, 0.1, h133km, 26km, mb4.0/24, Error ellipse: s-maj=21.2km s-min=9.7km az=151.9

ISC 30 22:47:34.8, 2.1, 106N, 1008E, 124.0E, 0.1, h320km, 23km, n40, c=68/39, mb4.0/24, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATI Kupang, KAKA Kakadu, FITZ Fitzroy Crossi, etc.

ISC 30 22:47:34.8, 2.1, 106N, 1008E, 124.0E, 0.1, h320km, 23km, n40, c=68/39, mb4.0/24, Minahassa Peninsula, Sulawesi

ISC 30 22:47:34.8, 2.1, 106N, 1008E, 124.0E, 0.1, h320km, 23km, n40, c=68/39, mb4.0/24, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATI Kupang, KAKA Kakadu, FITZ Fitzroy Crossi, etc.

Table with columns: EAZ, EAS, HHSZ, VBA, WB2, WRAB, GSPA, GUMO. Includes station names, coordinates, and status.

IDC 30 23:21:28.0, 0.6, 542N, 94.50E, h0km, mb4, 3/14, mb1 4/4/14, mb2 1/2/23, mbtmp4, 3/14, MS3, 2/2, Ms1 3/2/2, ms1mx3, 0/26, Error ellipse: s-maj=27.9km s-min=13.6km az=50.0

NEIC 30 23:21:35.7, 0.9, 541N, 94.50E, h29km, mb5.1, mb4.7, ISCBJ 30 23:21:35.7, 0.9, 541N, 006.9460E, 007, h71km, 7km, mb4, 4/40, Error ellipse: s-maj=13.6km s-min=7.3km az=136.7

Main table for 31D Oh section, listing station names (e.g., Banda Aceh, Prapat, Singkha), coordinates, and various parameters.

Table for 2007 MAY section, listing station names (e.g., Saint Saulge, Avril sur Loir, Toulx Ste Croi), coordinates, and various parameters.

ISCJB 31 00:02:20.6, 0.6, 5648N, 007.15729W, 0.10, h65km, 7km, mb3, 8/9, Error ellipse: s-maj=14.2km s-min=5.4km az=146.9

NEIC 31 00:02:21.7, 5626N, 157.10W, h16km, ML3.5(AEIC), After AEIC

IDC 31 00:02:23.8, 4.6, 5669N, 157.23W, h68km, 37km, mb3, 5/9, mb1 3/7/11, mb1mx3, 5/23, mbtmp3, 6/11, ML4, 2/2, Error ellipse: s-maj=37.6km s-min=19.5km az=30.0

ISC 31 00:02:21.6, 0.7, 5638N, 008.15729W, 0.1, h63km, 7km, n29, c099/32, mb3, 8/9, Alaska Peninsula

Main table for 2007 MAY section, listing station names (e.g., Chignik, Point, Kodiak Island), coordinates, and various parameters.

ISCJB 31 00:24:49.8, 0.9, 2347S, 005.677W, 0.1, h97km, 16km, mb4, 0/3, Error ellipse: s-maj=17.7km s-min=6.8km az=16.6

IDC 31 00:24:51.9, 2.3, 2323S, 67.72W, h102km, 21km, mb3, 7/4, mb1 3/8/8, mb1mx3, 5/20, mbtmp3, 3/8, Error ellipse: s-maj=42.4km s-min=16.9km az=112.0

GUC 31 00:24:54.3, 0.7, 2354S, 68.27W, h140km, MD3.9, ML3.8, NEIC 31 00:24:54.3, 2354S, 68.27W, h140km, mb4, 4/2, MD3.9(GUC), After GUC

ISC 31 00:24:51.0, 0.7, 2343S, 004.6778W, 0.09, h94km, 13km, n19, c129/26, mb4, 0/3, Chile-Argentina border region

Main table for 2007 MAY section, listing station names (e.g., Limon Verde, Los Morros, Antofagasta), coordinates, and various parameters.

ISCJB 31 00:32:30.7, 0.3, 4692N, 002.1239W, 0.03, h10km, Error ellipse: s-maj=7.3km s-min=2.0km az=44.1

NEIC 31 00:32:31.0, 4693N, 11242W, h5km, ML2.9(BUT), After BUT

ISC 31 00:32:31.0, 0.3, 4693N, 002.1244W, 0.03, h10km, n42, c106/89, 20C-17D, Montana

Main table for 2007 MAY section, listing station names (e.g., Deer Lodge, Greenough, Clinton, Missoula), coordinates, and various parameters.

DDA 31 00:55:31.2, 1080S, 10929E, h35km, mb4, 9, mb4.4, CSEM 31 00:55:35.2, 10.6, 980S, 10921E, h1km, 2km, MD2.5, Error ellipse: s-maj=6.0km s-min=3.9km az=3.0

ISK 31 00:52:17.0, 3753N, 3681E, h4km, MD2.5, Turkey

Table for ISK section, listing station names (e.g., Kahramanmaraş, Andirin, Gaziantep), coordinates, and various parameters.

BJI 31 00:55:31.2, 1080S, 10929E, h35km, mb4, 9, mb4.4, IDC 31 00:55:35.2, 10.6, 980S, 10921E, h1km, 2km, MD2.5, Error ellipse: s-maj=6.0km s-min=3.9km az=3.0

ISCJB 31 00:55:38.4, 0.3, 984S, 006.10914E, 007, h33km, mb4, 3/19, MS3, 4/2, Error ellipse: s-maj=11.3km s-min=7.4km az=145.1

NEIC 31 00:55:40.4, 0.3, 988S, 109.15E, h35km, mb4, 4/7, Error ellipse: s-maj=10.8km s-min=7.1km az=223.0







1001

comp=Z,0.2nm,0.4s,mb3.4,baz=303,slow=5.0,SNR=3.8
AKASG Malin Array Be 79.05 323 P 06 15 48.8 -0.2
NOA NORSAR Array B 79.43 338 P 06 15 50.6 -0.3
TXAR Lajitas Array 92.67 53 P 06 16 58.8 +1.6
LPAZ La Paz 148.28 68 PKPbc 06 23 33.6 +1.9

MAN 31 06:03:49, 1105N-12412E, h11 km, mb3.9, ML2.7, MS2.3, 1C-1D, Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OCLP Ormoc, LLLP Lapu-Lapu, PLP Palo, etc.

IDC 31 06:06:39.04.2, 3163N-14289E, h0km, mb3.7/4, mb1 3.8/6, mb1mx3.6/19, mbtmp3.7/6, ML3.6/2, Error ellipse: s-maj=15.4, km s-min=21.9km az=68.0

JMA 31 06:06:41.3.0.5, 3160N-14239E, h18km, M4.0, ISCBJ 31 06:06:42.8.1.0, 3172N-007.1426E, h1.0, h33km, mb3.8/4, Error ellipse: s-maj=17.4km s-min=8.7km az=159.4

ISC 31 06:06:45.1.1.0, 3170N-007.1425E, h0.1, h33km, n13, s=1501/16, mb3.8/4, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHU2 Mitsune, BSO1 Boso 1, BSO4 Boso 4, etc.

ISC/JB 31 06:35:03.9.0.7, 1156N-002.6027W-004, h10km, Error ellipse: s-maj=5.8km s-min=3.3km az=15.5

TRN 31 06:35:04.5, 1162N-6024W, h11km, MD3.8, (M4,4)(FDF) NEIC 31 06:35:05.0, 1162N-6020W, h18km, MD3.8, (TRN), After TRN.

FUNV 31 06:35:06.8, 1143N-6000W, h35km, MW3.5, ISC 31 06:35:05.2.0.9, 1159N-002.6027W-004, h11km, 4km, n33, s=105/59, 2C, Windward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TPR Prospect, TBH Brigand Hill, TRN Trinidad (W), etc.

NEIC 31 06:37:12.6.2.4, 4679N-15297E, h66km, 25km, Error ellipse: s-maj=23.5km s-min=16.3km az=160.0

ISC/JB 31 06:37:13.2.1.2, 4666N-009.1529E, h1.0, h91km, 10km, mb3.6/12, Error ellipse: s-maj=19.5km s-min=7.1km az=139.5

MOS 31 06:37:17.1.1.3, 4688N-15275E, h124km, mb3.9/7, Error ellipse: s-maj=15.5km s-min=12.2km az=69.0

IDC 31 06:37:19.6.1.4, 4644N-15295E, h131km, 50km, mb3.4/12, mb1 3.6/13, mb1mx3.5/22, mbtmp3.4/13, MS3.3/3, Ms1 3.3/3, ms1mx2.9/15, Error ellipse: s-maj=22.0km s-min=17.9km az=155.0

ISC 31 06:37:15.4.1.1, 4669N-009.1529E, h0.1, h95km, 9km, n34, s=129/36, mb3.6/12, 4C-1D, Kuril Islands

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

2007 MAY

SKR Severo-Kuril's 4.54 27 ePN Pn 06 38 14.5 -7.2
SKR SKR 06 39 12.4 -0.8
SKR comp=Z,40nm,0.5s 06 39 12.4 -0.8
SKR comp=N,40nm,0.5s 06 39 12.4 -0.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, etc.

YSS Yuzh-Sakhalins 6.95 2761 ePN Pn 06 38 56.0 +1.6
PET Petropavlovsk 7.36 2811/PN Pn 06 39 02.9 +2.9
ERM Ermo 8.38 240 ePN Pn 06 39 12.3 -1.7
ERM comp=Z,35nm,0.6s 06 39 12.3 -1.6
ELR Ermo 8.38 240 ePN Pn 06 39 12.3 -1.6

KR Korea Array 20.62 252 P P 06 41 50.7 +3.7
KRSR Korea Array 20.62 252 P P 06 41 49.0 +2.0
BILL Bilibino 22.49 131 eP P 06 42 07.7 +1.2
SONM Sogino Array 31.20 289 LR LR 06 57 04.6

IMAZ Indian Mountain 33.95 36 eP P 06 43 47.8 -0.4
KRAR Krasnoyarsk 37.49 3071 eP P 06 44 18.8 -0.7
INK Inuvik 41.79 32 P P 06 44 54.7 -0.3
ZALV Zalesovo Beam 42.51 306 P P 06 45 01.9 +0.9

MKAR Makanchi Array 46.82 297 P P 06 45 01.9 +0.8
MKAR comp=Z,0.5nm,0.6s,mb3.4,baz=75,slow=5.2,SNR=4.1 07 06 18.0
YUK Kurchatov 47.57 3041 eP P 06 45 37.7 -1.0

KYR Yellowknife Arr 51.07 37 P P 06 46 06.6 -0.9
NVAR Mina Array Bea 62.61 62 P P 06 47 29.6 +0.2
FINES FINESS Array B 64.03 335 P P 06 47 37.8 -0.6
FINES FINESS Array B 64.03 335 P P 06 47 37.9 -0.5

NB2 NORSAR Subarra 68.23 341 P P 06 48 04.7 -0.6
NOA NORSAR Array B 68.23 341 P P 06 48 05.1 -0.2
NOA comp=Z,2.0nm,0.6s 06 48 05.4 +0.1
NOA NORSAR Array B 68.23 341 P P 06 48 05.4 +0.1

WRA Warramunga Arr 68.40 199 P P 06 48 03.5 -3.2
WRA comp=Z,1.0nm,0.7s 06 48 03.5 -3.2
AKASG Malin Array Be 71.51 326 P P 06 48 25.1 -0.4
AKASG comp=Z,1.0nm,0.4s 06 48 24.9 -0.6

ASAR Alice Springs 72.10 198 P P 06 48 30.8 +1.6
TXAR Lajitas Array 77.67 60 P P 06 49 01.3 -0.2
TXAR Lajitas Array 77.67 60 P P 06 49 01.4 -0.1
GERES GESS Array B 78.49 324 P P 06 49 03.5 -1.9

IDC 31 08:24:16.4.0.9, 5847S-2484W, h0km, mb3.9/6, mb1 4.0/7, mb1mx3.8/19, mbtmp3.8/7, ML3.5/1, MS3.8/1, Ms1 3.8/1, ms1mx3.0/24, Error ellipse: s-maj=33.7km s-min=22.1km az=78.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SNA4 Snae, USHA Ushuaia, USPA South Pole Qui, etc.

KU6 Riekki 2.31 221 eP Pn 09 21 07.7 +1.3
KU6 KU6 09 21 40.4 +1.8
MSF Maaseika 2.62 225 ePB Pn 09 21 50.0 -0.9

SGF Sodankyl 2.72 265 ePB Pn 09 21 55.0 -1.1
KEV Kevo 3.08 312 ePB Pn 09 21 52.1 +1.4
ARAO ARCESS Array S 3.42 304 Pn Pn 09 21 25.6 +3.8

ARAO ARCESS Array S 3.42 304 Pn Pn 09 21 25.6 +3.8
ARAO ARCESS Array S 3.42 304 Pn Pn 09 21 25.6 +3.8
ARAO ARCESS Array S 3.42 304 Pn Pn 09 21 25.6 +3.8

ARAO ARCESS Array S 3.42 304 Pn Pn 09 21 25.6 +3.8
ARAO ARCESS Array S 3.42 304 Pn Pn 09 21 25.6 +3.8
ARAO ARCESS Array S 3.42 304 Pn Pn 09 21 25.6 +3.8

MAN 31 09:30:58, 1101N-12413E, h8km, mb3.9, ML2.7, MS2.3, 1C, Leyte
OCLP Ormoc 0.47 85 eP ISC 09 31 07.5 +0.4
LLL Lapu-Lapu 0.71 193 eP Pn 09 31 11.5 -0.3

PLP Palo 0.84 80 eP Pn 09 31 15.0 +0.7
MSLP Maasin 1.13 141 eS Pn 09 31 28.4 +3.2
TBP Tagbilaran 1.34 191 eS Pn 09 31 22.0 +1.3

RCP Roxas 1.47 292 eS Pn 09 31 24.7 -0.1
GUM Jordan 1.56 256 eP Pn 09 31 25.3 -1.0
CNP Catarmar 1.57 19 eP Pn 09 31 25.4 -0.9

IDC 31 09:44:04.2.2.6, 5419N-8626E, h0km, mb1 3.0/1, mb1mx2.9/22, mbtmp3.0/1, ML3.1/1, Error ellipse: s-maj=19.0km s-min=1.8km az=74.0, Southeastern Siberia
ZALV Zalesovo Beam 0.88 255 Pn Pn 09 44 19.8 -1.3

ZALV 1.4nm,0.3s,baz=72,slow=17,SNR=15 09 44 34.2
ZALV 7.6nm,0.3s,baz=76,slow=29,SNR=51 09 44 40.2
MKAR Makanchi Array 7.82 200 Pn Pn 09 46 00.8 +1.6

MOS 31 10:11:1.1.0.7, 1867N-104.15W, h9km, mb5.3, mb4.7, Ms5.2, Ms2.6
MEX 31 10:11:1.1.0.1, 1.6, 1867N-104.12W, h2km, 17km, MD5.1
ISC/JB 31 10:11:1.1.0.7, 1879N-003.10397W-002, h17km, 5km, mb4.5/67, MS4.4/28, Error ellipse: s-maj=6.3km s-min=2.3km az=31.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMIG Aquila, CJM Chamela, ANIG Ahuacatlan, etc.

31d 10h

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like Vista Hermosa, Huatulco, Matias Romero, Sabuncu Junction City, etc.

2007 MAY

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like Monument Peak, Big Chuckow Mtn, Yucca, Vicksburg, MIAR Mount Ida, etc.

1002

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like NLU North Lily Min, Q12A Willow Creek R, P13A Bates Ranch, G, etc.





Table with columns: ILIN, comp-Z, 1.0m, 0.1s, 6.87 329 Pn Pn, 10 30 17.3 +0.8, 10 30 19.1 -0.5, 10 30 19.2 -0.4, 10 30 24.9, 10 30 21.6 +0.7, 10 30 17.0, 10 31 37.0, 10 30 28.9 +1.0, 10 30 29.0 +1.1, 10 30 34.6, 10 30 35.7 +0.1, 10 30 35.7 +0.1, 10 30 35.7 +0.1, 10 30 35.7 -0.4, 10 30 37.0, 10 32 48.0, 10 31 31.1 +0.6, 10 31 32.3 +1.8, 10 31 31.1 +0.6, 10 36 51.4, 10 31 39.2 +2.1, 10 35 34.2, 10 37 24.2, 10 31 55.7 +0.3, 10 31 55.7 +0.3, 10 31 57.2 +1.0, 10 36 13.2, 10 32 05.2 +7.8, 10 36 21.5, 10 38 30.6, 10 32 22.4 +0.9, 10 32 22.4 +1.0, 10 32 26.5 +1.2, 10 32 25.3 0.0, 10 32 34.5 -1.2, 10 35 47.1, 10 32 34.5 -1.2, 10 33 27.9 -1.1, 10 43 12.3, 10 43 12.3, 10 33 44.7 +2.7, 10 33 46.4 -0.6, 10 33 46.4 -0.6, 10 33 46.9 -1.4, 10 33 46.2 -3.1, 10 34 03.9 -0.8, 10 34 08.1 +1.3, 10 34 10.3 +3.5, 10 34 08.1 +1.2, 10 34 10.3 +3.5, 10 34 17.3 +0.8, 10 34 17.3 +0.8, 10 34 17.8 -1.8, 10 34 17.8 -1.8, 10 34 18.0 -1.6, 10 34 20.8 0.0, 10 34 23.3 -0.9, 10 34 26.0 +1.2, 10 34 26.0 +1.2, 10 34 29.5 +2.3, 10 34 29.5 +2.3, 10 34 23.4 -6.7, 10 34 22.2 -1.3, 10 34 40.3 -0.5, 10 35 10.0 +3.8, 10 35 18.0 -1.6, 10 37 56.0 +3.0, 10 35 25.0 -1.0, 10 35 25.0 -1.1, 10 35 25.0 -1.1, 10 35 26.7 -0.9, 10 35 38.5 -1.5

Table with columns: FINES FINES Array B 36.42 340 P P P, 10 35 38.0 -2.1, 10 35 38.0 -2.1, 10 35 38.5 -1.5, 10 36 08.9 -1.5, 10 36 19.0 +0.3, 10 36 22.0 -0.9, 10 36 20.8 -2.1, 10 36 21.0 -1.9, 10 36 34.5 -1.2, 10 36 50.5 +4.1, 10 36 53.0 +2.4, 10 36 54.5 +2.2, 10 36 52.8 +0.4, 10 36 59.8 +2.9, 10 37 02.0 +0.9, 10 36 59.3 +0.3, 10 37 01.7 -0.8, 10 37 04.7 +1.6, 10 37 18.6 -0.5, 10 37 23.0 +2.7, 10 37 31.0 +1.8, 10 37 35.5 +2.0, 10 37 38.0 +2.9, 10 38 51.0 +1.4, 10 39 27.3 +3.3, 10 42 47.0 +2.1, 10 44 38.8 -0.2, 10 44 47.3 +1.3, 10 47 19.5 -1.0, 10 48 07.0 -4.6, 10 37 40.1 -1.4, 10 37 58.0 +1.9, 10 45 30.8 +2.2, 10 49 10.5 +1.9, 10 38 24.1 +0.3, 10 38 24.1 +0.3, 10 38 31.8 -1.7, 10 38 31.8 -1.7, 10 38 38.6 +0.9, 10 39 00.7 +3.6, 10 39 00.7 -2.2, 10 39 58.6 -0.5, 10 39 58.6 -0.5, 10 41 24.3 -1.4, 10 41 24.3 -1.4, 10 41 50.8 -2.0, 10 41 57.2 -2.2, 10 32 05.6 1.7, 3572N:007.220E:02, h10km, Error ellipse: s-maj=26.6km s-min=9.0km az=178.4, CSEM 31 10:32:06.5:0.0, 3670N:2204E, h10km, MD3.0, Error ellipse: s-maj=0.4km s-min=0.1km az=84.0, HLW 31 10:32:09.5, 3594N:2235E, h33km, Mb3.7, ATH 31 10:32:12.5, 3614N:2218E, h10km, MD3.0/3, ISC 31 10:32:07.2:1.5, 3584N:006:220E:02, h10km, n6, e041/8, 2C-1D, Central Mediterranean Sea, KYTH Kithira 0.93 61 ePb Pp P, 10 32 26.0 +0.3, 10 32 28.7 -0.4, 10 32 32.5 +0.1, 10 33 40.2 -0.6, 10 33 52.5 +0.2, 10 35 08.1 -5.8, 10 35 33.5 +0.3, 10 35 09.5 -6.2, 10 34 20.8 0.0, 10 34 23.3 -0.9, 10 34 26.0 +1.2, 10 34 29.5 +2.3, 10 34 23.4 -6.7, 10 34 22.2 -1.3, 10 34 40.3 -0.5, 10 35 10.0 +3.8, 10 35 18.0 -1.6, 10 37 56.0 +3.0, 10 35 25.0 -1.0, 10 35 25.0 -1.1, 10 35 25.0 -1.1, 10 35 26.7 -0.9, 10 35 38.5 -1.5, KRSC 31 11:17:18.5:1.8, 5498N:16302E, h18km, ML3.5, Off east coast of Kamchatka Peninsula, Code Station Name Az Az' Phase ID Time Res h m s ISC, MKZ Mys Kozlova 0.86 241 i S S, 11 47 46.1 +6.6, 11 47 43.3 -0.5, 11 47 56.3 -0.6, 11 47 47.2 +0.3, 11 47 48.1 0.0, 11 48 07.1 +1.4, 11 48 42.8 +1.1, 11 48 10.3 +1.9, 11 48 14.4 -0.3, IDC 31 11:37:37.1:1.9, 5575S:15423E, h0km, mb3.4/3, mb1 3.6/3, ms1mx3.0/13, Error ellipse: s-maj=77.0km s-min=34.3km az=113.0, Bougainville - Solomon, Code Station Name Az Az' Phase ID Time Res h m s ISC, WRA Warrungana Arr 24.05 232' Op P, 11 42 54.2 +0.1, 11 46 35.8 -0.3, 11 43 17.8 +0.6, 11 46 41.9 +0.1, 11 55 27.3, 11 48 37.2 +0.8, 11 57 34.1 -1.0, WRA Warrungana Arr 24.05 232' Op P, 0.5m, 0.5s, baz=56, slow=10.0, SNR=3.1, ASAR Alice Springs 26.59 225 P P, 11 43 17.8 +0.6, 11 46 41.9 +0.1, 11 55 27.3, 11 48 37.2 +0.8, 11 57 34.1 -1.0, RAO Raoul Island 35.32 135 LR LR, 11 55 27.3, SONM Songoing Array 67.73 327 P P, 11 48 37.2 +0.8, 11 57 34.1 -1.0, TORD Torodi Arr. Bea 151.90 288 PKPbc PKPbc, 11 57 34.1 -1.0

Table with columns: TORC 0.6m, 0.5s, baz=71, slow=4.0, SNR=6.2, PKPab PKPab, 11 57 43.7 -0.6, ISCJB 31 12:43:20.1:0.8, 1112N:005:62.18W:004, h122km, 6km, Error ellipse: s-maj=8.7km s-min=6.3km az=175.9, TRN 31 12:43:22.4, 1120N:62.09W, h114km, MD2.7, NEIC 31 12:43:22.4, 1120N:62.09W, h114km, MD2.7(7RN), After FUNV 31 12:43:22.0, 1115N:62.16W, h15km, MW3.0, ISC 31 12:43:20.7:0.9, 1111N:005:62.17W:004, h121km, 7km, n17, e0491/26, 1C, Windward Islands, Code Station Name Az Az' Phase ID Time Res h m s ISC, GUIV Guiria 0.46 186i eP Pn, 12 43 39.2 +0.6, 12 43 51.7 -0.3, 12 43 40.8 +1.5, 12 43 53.8 +0.5, 12 43 40.4 +1.3, 12 43 57.4 -0.2, 12 43 42.4 -0.2, 12 44 06.4 -0.1, 12 44 01.6 +1.0, 12 43 48.8 +0.6, 12 44 01.4 -0.5, 12 43 44.4 0.0, 12 44 00.5 -1.9, 12 44 03.5 +1.1, 12 44 03.5 +0.1, 12 43 46.9 +1.4, 12 44 02.8 -1.4, 12 43 46.5 -0.2, 12 44 05.2 +0.2, 12 43 49.1 +0.2, 12 44 16.7 +0.3, 12 44 21.5 +0.2, 12 45 34.0 -3.4, 12 44 11.0 -0.2, 12 44 48.9 -0.7, CSEM 31 13:10:45.3:0.1, 2432N:36.48E, h2km, mb4.4/3, Error ellipse: s-maj=5.4km s-min=3.3km az=54.0, ISCJB 31 13:10:46.6:0.5, 2435N:006:3652E:06, h10km, mb3.9/15, MS3.2/4, Error ellipse: s-maj=9.7km s-min=6.6km az=37.7, IDC 31 13:10:47.5:1.1, 2436N:36.38E, h0km, mb4.0/12, mb1 4.0/15, mb1mx3.9/24, mbtmp3.9/15, ML3.5/3, MS3.2/5, MS1 3.2/5, ms1mx2.7/35, Error ellipse: s-maj=22.6km s-min=18.0km az=151.0, NEIC 31 13:10:48.7:0.8, 2434N:36.39E, h10km, mb4.3/3, Error ellipse: s-maj=17.8km s-min=13.0km az=124.0, SGS 31 13:10:51.0, 2437N:36.54E, h29km, ISC 31 13:10:48.3:0.5, 2434N:006:365E:007, h10km, n33, e1910/31, mb3.9/15, MS3.2/4, Red Sea, Code Station Name Az Az' Phase ID Time Res h m s ISC, YOBS Yobs 2.03 89 Op Pn, 13 11 44.6 -3.5, 13 11 21.9 -0.7, 13 11 26.4 -1.1, 13 11 53.5 -0.7, 13 11 55.5 -0.7, 13 12 03.2 -0.2, 13 12 04.2 -0.7, 13 12 08.9 -1.3, 13 13 41.8, 13 12 40.8 -1.2, 13 14 46.2, 13 12 53.5 -0.7, 13 12 57.0 +1.0, 13 22 20.5, 13 22 20.5, 13 16 22.4 +0.7, 13 16 30.0 +0.5, 13 16 30.0 +0.5, 13 16 35.7 +1.6, 13 16 35.7 +1.6, 13 17 01.7 +1.8, 13 17 38.4 -0.2, 13 17 38.4 -0.2, 13 31 40.0, 13 17 59.4 -0.7, 13 18 04.0 -0.3, 13 18 39.2 +2.0, 13 18 39.2 +2.0, 13 18 47.6 +2.2, 13 39 23.7, 13 18 50.5 -0.5, 13 19 15.7 +0.6, 13 19 43.1 -1.3, 13 19 43.1 -1.2, 13 44 30.5, 13 20 50.1 +1.6, 13 22 40.8 +1.0, 13 23 49.6 -0.3, ISCJB 31 13:38:08.4:0.7, 1056N:005:62.47W:003, h83km, 8km, Error ellipse: s-maj=8.9km s-min=5.6km az=4.9, FUNV 31 13:38:09.5, 1061N:62.40W, h78km, MW3.1, TRN 31 13:38:09.6, 1084N:62.47W, h130km, ISC 31 13:38:09.8:0.8, 1057N:005:62.46W:003, h78km, 8km, n17, e087/26, 4C-4D, Near coast of Venezuela, Code Station Name Az Az' Phase ID Time Res h m s ISC, GUIV Guiria 0.25 71 i P Pn, 13 38 21.0 0.0, 13 38 29.0 -0.7, 13 38 25.4 +1.4, 13 38 26.3 +1.5, 13 38 24.1 -0.8, 13 38 36.4 -0.1, 13 38 25.5 -0.1, 13 38 37.2 -0.4, 13 38 28.5 +0.1, 13 38 41.9 -1.0, 13 38 29.2 +0.4, 13 38 42.3 -1.1, 13 38 39.6 +6.7, 13 38 52.4 +1.7, 13 38 35.9 +1.4, 13 38 43.5 +0.1, 13 38 49.5 +0.7, 13 39 17.3 -1.7, 13 39 25.4 +0.3, 13 39 53.4 +0.3, 13 39 04.9 +0.1, 13 39 18.0 -1.1, 13 40 09.0 -4.5



CAOV Caicara del Or 4.99 230 eP Pn 13 39 21.3 -0.5
BAUV El Baul 5.73 254 eP Pn 13 39 31.3 -0.5

NIED 31 13:39:00, 2170N:12100E, h14km, Mw4.6 Best double couple: M=8.48000x1015 NP1=334.00000, s83.00000, lambda=79.00000, NP2=97.00000, delta13.00000, lambda=147.00000
BUI 31 13:39:50.6, 2152N:12081E, h10km, mB4.5, mb4.4, ML4.0, MS4.3, MSz4.2
IDC 31 13:39:52.5, 2177N:12065E, h0km, mb4.4/1.9, mb1 4.5/21, mb1mx4.5/27, mbtmp4.4/21, ML4.0/2, MS4.1/21, MS1.4/1/21, ms1mx3.9/37, Error ellipse: s-maj=18.4km s-min=11.9km az=83.0
NEIC 31 13:39:55.6, 2175N:12074E, h20km, 16km, mb4.7/2.0, Error ellipse: s-maj=7.1km s-min=5.1km az=91.0
MOS 31 13:39:55.5, 2180N:12074E, h33km, mb4.7/3.3, MS4.0/1/1, Error ellipse: s-maj=11.4km s-min=6.8km az=96.1
ISCJB 31 13:39:56.6, 0.5, 2173N:002x12081E:003, h44km, 5km, mb4.5/47, MS4.1/31, Error ellipse: s-maj=4.4km s-min=3.6km az=20.6
JMA 31 13:39:56.2, 0.2, 2170N:12101E, h10km, M4.7
MAN 31 13:39:57.2169N, 12082E, h76km
ISC 31 13:39:58.6, 0.4, 2173N:002x12079E:003, h46km, 4km, h40km, 7.5km, pP-P, n153, s19/04/170, mb4.5/47, MS4.1/31, 6C-3D, Taiwan region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like TATO Taipei, YOJ Yanaguni jima, HATJ Hateruma jima, etc.

Main table of seismic events with columns: Station, Time, Res, ISC, and various parameters. Includes stations like KMI, DL2, BJT, etc.

Table of seismic events with columns: Station, Time, Res, ISC, and various parameters. Includes stations like ULN, PSI, KLR, etc.



Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUN Gumba, PKI Pulchok, DANN Dangising, KOLN Koldana, FORT Forrest, WMQ Urumqi, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DBV Dienbien, BVV Ba Vi, HNV Hanoi, HNV Hanoi, HNV Hanoi, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAI Ambon, KDI Kendari, TLE Tual, PCI Palu, KAPI Kappang, etc.

PLV 31 15:44:31.21, 2.234N, 102.35E, h35km, 15km, MD3.1, Yunnan

NEIC 31 16:19:39.7, 3879S, 175.85E, h128km, MG3.7(WEL), After WEL 31 16:19:39.8, 0.4, 3880S, 175.85E, h128km, 3km, ML3.6/19, Error ellipse: s-maj=2.3km s-min=1.9km az=90.0, North Island

ICD 31 16:46:18.2, 2.1, 106S, 127.70E, h0km, mb3.2, mb1 3.3/3, mb1mx3.1/15, mbtmp3.1/3, ML3.3/1, Error ellipse: s-maj=158.9km s-min=26.7km az=67.0, Halmahera

Bull 31 16:47:07.8, 194S, 127.98E, h10km, mb5.0, mb4.9, Ms4.3, Ms2.0, ICD 31 16:47:15.1, 0.5, 117S, 127.16E, h0km, mb4.7/13, mb1 4.7/14, mb1mx3.2/20, mbtmp4.7/14, ML 4.7, MS3.8/11, Ms1 3.8/11, ms1mx3.6/21, Error ellipse: s-maj=28.3km s-min=11.9km az=75.0, NEIC 31 16:47:16.4, 0.3, 114S, 127.53E, h10km, mb5.0/23, Error ellipse: s-maj=11.5km s-min=5.7km az=75.0, ISCBJ 31 16:47:16.6, 1.1, 116S, 0.03, 127.67E, 0.04, h25km, 8km, mb5.0/65, MS4.0/21, Error ellipse: s-maj=7.7km s-min=5.1km az=151.7, MOS 31 16:47:17.5, 1.0, 115S, 127.60E, h34km, mb5.2/24, Error ellipse: s-maj=17.9km s-min=7.1km az=109.2, ICD 31 16:47:20.3, 0.6, 117S, 0.03, 127.66E, 0.04, h38km, 6km, h28km, 2.2km, pP, n170, s1908/179, mb5.0/65, MS4.0/21, 12C-18D, Halmahera





31d 19h

IDC 31 18:05:38.0.3.1, 1796N:103.18W, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.8/21, mbtmp3.7/5, ML3.4/1, Error ellipse: s-maj=51.9km s-min=43.5km az=53.0

ISCJBJ 31 18:05:43.0.0.9, 1822N:006:10350W:0.04, h23km, 5km, mb3.7/4, Error ellipse: s-maj=10.5km s-min=4.7km az=27.9

MEX 31 18:05:45.6.0.7, 1821N:103.49W, h6km, 8km, MD4.5

ISC 31 18:05:43.5.1.1, 1820N:006:10354W:0.04, h16km, 4km, n20, r1945/32, mb3.7/4, Near Coast of Micoacan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MMIG Aquila, MMIG Chamela, CJM Zihuatanejo, etc.

JMA 31 18:10:03.0.2.3, 2580N:12363E, h193km, M3.5, Northeast of Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like YOJ Yonaguni jima, YOJ Iriomote-Funau, etc.

THE 31 18:34:13.3, 3584N:2286E, h3km, ML3.2

CSEM 31 18:34:14.4.0.4, 3582N:2290E, h20km, ML3.2, Error ellipse: s-maj=14.7km s-min=5.7km az=44.0

ATH 31 18:34:17.3, 3577N:2335E, h13km, MD3.3/4

ISC 31 18:34:11.2.4, 3571N:02:227E:02, h6km, 13km, n9, r184/10, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KYTH Kithira, VL Vellai, KARN Karanos, etc.

ISCJBJ 31 18:38:11.5.1.2, 163N:01:1456E:02, h528km, 14km, mb3.4/14, Error ellipse: s-maj=30.9km s-min=17.1km az=178.5

NEIC 31 18:38:12.3.1.1, 1630N:14568E, h526km, 13km, mb3.7/1, Error ellipse: s-maj=27.0km s-min=15.6km az=93.0

IDC 31 18:38:15.2.5.2, 1627N:14564E, h60km, 3.6km, mb2.9/12, mb1 3.1/12, mb1mx3.0/20, mbtmp2.9/12, Error ellipse: s-maj=33.1km s-min=31.3km az=80.0

ISC 31 18:38:12.3.1.2, 163N:01:1457E:02, h526km, 14km, n16, r095/16, mb3.4/14, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like GUMO Guam, KRSR Korea Array, WRA Warramunga Arr, etc.

MAN 31 18:58:20, 1550N:11978E, h26km, mb4.5, ML3.3, MS3.2, 1C, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SCZP Santa Cruz, BOLP Bolinao, BCPH Baguio City Da, etc.

2007 MAY

Table with columns: ABRA Dolores, CAUP Cauayan, APYP Conner, PALP Palanan, BUSP Caron. Lists times and residuals.

KRSC 31 19:00:07.5.1.4, 6141N:167.41E, h8km, 11km, ML4.6

IDC 31 19:00:09.4.0.5, 6136N:167.53E, h0km, mb4.3/25, mb1 4.5/25, mb1mx4.4/30, mbtmp4.4/25, MS3.6/12, Ms1 3.6/12, ms1mx3.3/26, Error ellipse: s-maj=15.7km s-min=11.2km az=161.0

MOS 31 19:00:10.8.0.7, 6138N:167.53E, h19km, mb4.8/48, MS4.0/8, Error ellipse: s-maj=9.9km s-min=4.9km az=90.4

ISCJBJ 31 19:00:11.9.1.6, 6136N:004:16750E:0.05, h27km, 12km, mb4.7/103, MS3.7/21, Error ellipse: s-maj=6.2km s-min=4.1km az=171.5

BUI 31 19:00:12.2, 6136N:167.21E, h31km, mb4.8, mb4.7, Ms4.5, Ms4.1

SZGRF 31 19:00:14.0, 6109N:168.35E, h33km, mb4.9, Eastern Siberia, Russia

NEIC 31 19:00:15.8.0.6, 6141N:167.54E, h42km, 5km, mb4.7/67, Error ellipse: s-maj=4.8km s-min=2.6km az=186.0

ISC 31 19:00:15.4.0.6, 6138N:004:16750E:0.05, h38km, 6km, h2km, 1.8km, pP-P, n237, r097/239, mb4.7/103, MS3.7/21, 5C-2D, Eastern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like OMS Omsukchan, OMS Ganely, OMS Mys Kozlova, etc.

SPN Mys Shipunski, GNL Ganely, AVH Avacha, PET Petropavlovsk

YAK Yakutsk, YAK Yakutsk, YAK Yakutsk

COLA College, COLA College, COLA College

YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins, YSS Yuzh-Sakhalins

KURK Kurchatov, KURK Kurchatov, KURK Kurchatov

DLMT Dillon, BOZ Bozeman (W), BOZ Bozeman

NSHM Saint Helena R, MKAR Makanchi Array, BVAR Borovoye Array

BRVK Borovoye, BRVK Borovoye, BRVK Borovoye

ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa

KLR Kul'dur, KLR Kul'dur, KLR Kul'dur

DAWY Dawson, INK Inuvik, INK Inuvik

BOD Bodaibo, BOD Bodaibo, BOD Bodaibo

MJAR Matsuhiro Arr, MJAR Matsuhiro Arr, MJAR Matsuhiro Arr

SNY Shenyang, SNY Shenyang, SNY Shenyang

KRSR Korea Array, KRSR Korea Array, KRSR Korea Array

1010

Table with columns: YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar

TLY Talaya, TLY Talaya, TLY Talaya

TLY Talaya, TLY Talaya, TLY Talaya

ULN Ulanbaatar, ULN Ulanbaatar, ULN Ulanbaatar

ZAK Zakamensk, ZAK Zakamensk, ZAK Zakamensk

MOY Mondy, MOY Mondy, MOY Mondy

SONM Songino Array, SONM Songino Array, SONM Songino Array

KRAR Krasnoyarsk, KRAR Krasnoyarsk, KRAR Krasnoyarsk

ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam

ZALV Zalesovo, ZALV Zalesovo, ZALV Zalesovo

NVS Novosibirsk, NVS Novosibirsk, NVS Novosibirsk

NEW Newporf, NEW Newporf, NEW Newporf

NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing

NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing

WALA Waterton Lakes, WALA Waterton Lakes, WALA Waterton Lakes

YBHA Yreka Blue Hor, YBHA Yreka Blue Hor, YBHA Yreka Blue Hor

BMO Blue Mountains, BMO Blue Mountains, BMO Blue Mountains

MSO Misotsuka, MSO Misotsuka, MSO Misotsuka

GTA Gaotai, GTA Gaotai, GTA Gaotai

GTA Gaotai, GTA Gaotai, GTA Gaotai

WDC Whiskeytown Da, WDC Whiskeytown Da, WDC Whiskeytown Da

WDC Whiskeytown Da, WDC Whiskeytown Da, WDC Whiskeytown Da

EGMT Eagleton, EGMT Eagleton, EGMT Eagleton

WVOR Wild Horse Val, WVOR Wild Horse Val, WVOR Wild Horse Val

ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B

LZH Lanzhou, LZH Lanzhou, LZH Lanzhou

LZH Lanzhou, LZH Lanzhou, LZH Lanzhou

KURK Kurchatov, KURK Kurchatov, KURK Kurchatov

BLIZ Hailey, BLIZ Hailey, BLIZ Hailey

NSHM Saint Helena R, MKAR Makanchi Array, BVAR Borovoye Array

BRVK Borovoye, BRVK Borovoye, BRVK Borovoye

TPAW Teton Pass, TPWW Teton Pass, TPWW Teton Pass



Table with columns: GRF, comp-Z, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Tunstgen Hills, Dugway, North Lily Min, Joensuu, Black Hills, etc.

Table with columns: GRF, comp-Z, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Grafenberg Arr, Grafenberg Arr, Grafenberg Arr, Kasperke Hory, Wetzell, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like Virac, Odiongan, Maasil, Poaillo Island, Cuyo Island, etc.



Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MLR Muntele Rosu, BURAR Bucovina Array, ARCES ARCESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like COLA College, ESCA Sonseca Array, INK Inuville, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARU Arti, GERES GERESS Array B, FINES FINESS Array B, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like JOW, KLR, NJ2, HIA, PET, YAK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like JIRN, GUN, PKI, KKN, DMN, GKN, DANN, etc.

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

ADC 31 22:31:45.2+1.6, 1571N, 9022W, h0km, mb3.8/4, mb1 4.3/7, mb1mx3.8/23, bmtmp4, 1/7, ML3.8/3, MS3.3/9, Mst1 3.3/9, ms1mx3.1/34, Error ellipse: s-maj=27.5km s-min=21.8km az=60.0

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

DDA 31 22:47:51.8, 3674N, 2580E, h8km, 3km, Mtd3.0, ISCBJ 31 22:47:52.0, 0.6, 3687N, 0.005, 2581E, 0.05, h9km, 7km, Error ellipse: s-maj=7.3km s-min=4.9km az=37.0



31d 23h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like LZH, XAN, WHN, DLH, etc.

2007 MAY

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like BJI, JOW, KZA, etc.

1016

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like SNY, ZAK, MOY, etc.



Table with columns for station name, frequency, power, and signal strength. Includes stations like WRAB, WARRAMUNGA ARR, MAJO, MATSUSHIRO, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like ASAF, ATAB, MALT, MALY, MALY, MALY, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like MA2, MAGADAN, MA2, TIRIR, TIRIGUSOR, etc.

31d 23h

Table with columns for station name, frequency, power, and signal strength. Includes stations like RHK, KOLL, KEV, OKC, ARCES, TIP, MORC, etc.

2007 MAY

Table with columns for station name, frequency, power, and signal strength. Includes stations like AQU, RUE, PTCC, KBA, GMNA, etc.

1018

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



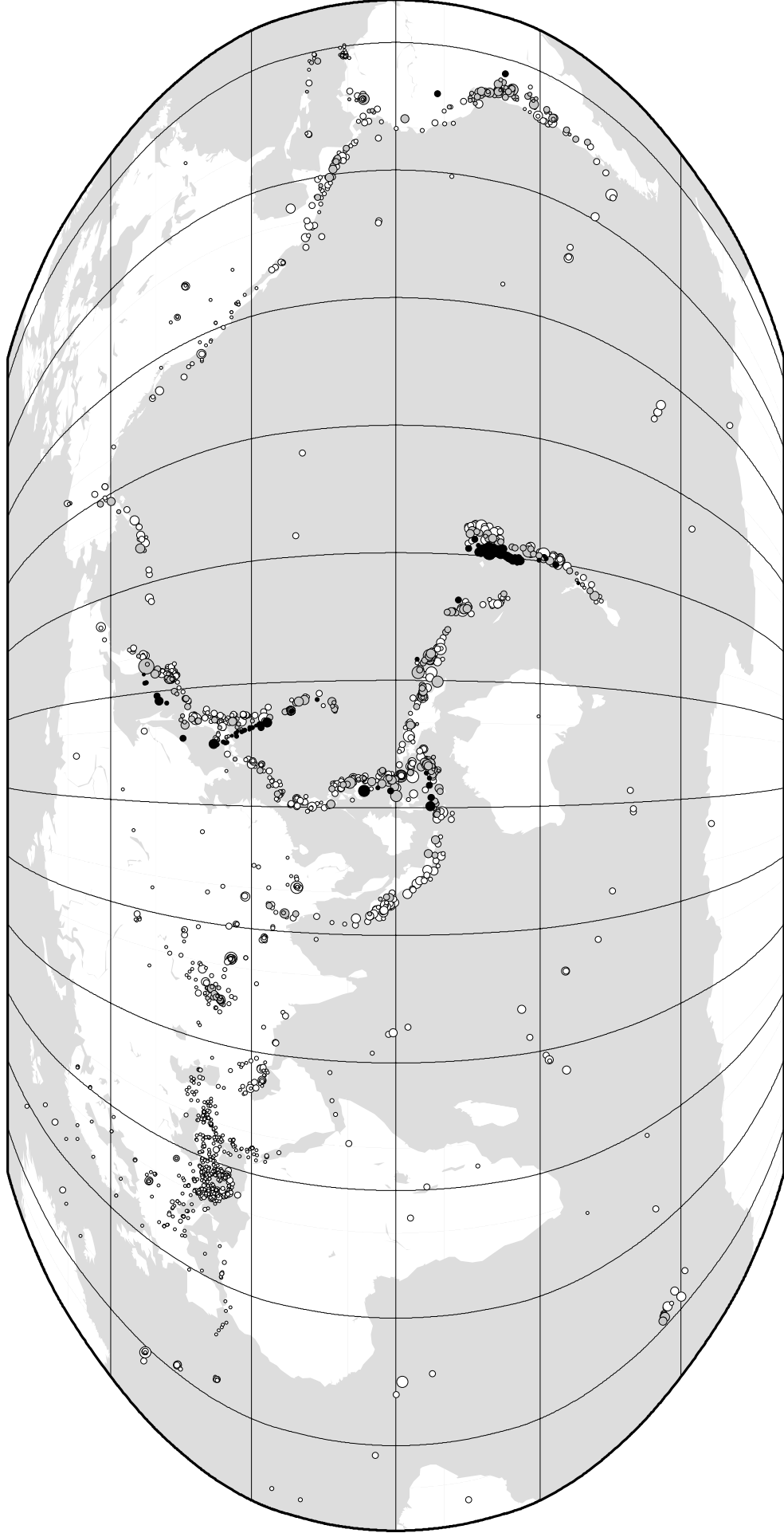
**31d 23h**

2007 MAY

1020

<b>EBER</b>	<b>Berja</b>	<b>4.54 281</b>	P	Pn	00 01 04.7	-2.2
	0.2nm,0.3s					
<b>EBER</b>			S	Sn	00 01 57.4	-3.1
	0.5nm,0.2s,SNR=7.5					
<b>EMOS</b>	<b>Mosqueruela</b>	<b>4.87 330</b>	P	Pn	00 01 10.5	-1.0
	7.3nm,0.5s,SNR=4.0					
<b>EMOS</b>			S	Sn	00 02 04.6	-4.0
	0.3nm,0.2s,SNR=9.1					
<b>EQES</b>	<b>Quesada</b>	<b>4.88 291</b>	P	Pn	00 01 11.6	0.0
	0.4nm,0.3s					
<b>EQES</b>			S	Sn	00 02 05.9	-3.0
	0.5nm,0.3s,SNR=7.9					
<b>EQUE</b>	<b>Quentar</b>	<b>5.02 284</b>	P	Pn	00 01 11.8	-1.7
	0.9nm,0.2s,SNR=7.9					
<b>ERTA</b>	<b>Horta de San J</b>	<b>5.13 340</b>	P	Pn	00 01 14.9	-0.2
	0.7nm,0.2s,SNR=5.3					
<b>EMIR</b>	<b>Miracle</b>	<b>5.82 352</b>	P	Pn	00 01 23.9	-0.6
	0.1nm,0.2s,SNR=7.9					
<b>EMIR</b>			S	Sn	00 02 26.3	-5.5
	0.6nm,0.2s,SNR=6.1					
<b>ESDC</b>	<b>Sonseca Array</b>	<b>6.31 306</b>	P	Pn	00 01 30.4	-0.8
	5.5nm,0.5s,SNR=7.9					
	0.3nm,0.1s,bgz=113,slow=13,SNR=7.9					

# ISC Computed Locations for May 2007



Robinson Projection, centred on 0°N, 130°E

